FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 1st JANUARY 1957

QC
991
.E3
D3
1957
Jan.-June
Obs.

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

MAY 7 1957

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

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PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

100 400

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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Information Manufacturing Corporation
Imaging Subcontractor
Rocket Center, West Virginia
September 14, 1999

UPPER [illegible]

BY PILOT BA[illegible]

STATION	Salloum		Matruh		Alex.(A)		Minya		Asyout		Aswan		Siwa		[illegible]		Farafra		[illegible]		[illegible]	
DATE	31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		31-12-56		[illegible]	
TIME	14		15		14		14		14		15		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
800 m.	80	4	10	10	310	22	350	16	350	14	10	6	30	3	360	18	340	15	350	8	20	12
600 m.	40	3	360	12	310	24	340	23	330	16	350	11	40	4	350	15	310	13	350	9	350	15
1000 m.	320	8	350	14	310	22	330	16	340	19	330	17	10	7	340	12	330	18	350	11	360	16
1500 m.	330	9	330	17	320	29	320	16	320	16	220	23	10	6	340	17					330	22
2100 m.	340	5	320	16	320	33	320	26	300	19			320	9	340	12						
2400 m.			330	18	310	30	330	36					340	5	350	11						
3000 m.			300	15									310	13	310	10						
4000 m.			310	20									300	14	310	22						
5000 m.			290	13											310	9						
6000 m.			280	14																		

STATION	Hurghada						Cairo(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga			
DATE	31-12-56						1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57			
TIME	14						2		2		2		3		2		5		4			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	26					270	14	350	21	350	17	340	15	70	7	20	7	20	24		
600 m.	330	25					310	13	350	23	360	21	330	17	30	7	30	15	10	21		
1000 m.	320	36					290	15	350	26	350	20	330	13	30	7	30	23	10	25		
1500 m.	260	14					300	17	350	22	330	24	270	14	90	5	10	26				
2100 m.	290	16					300	13	300	20	320	31	290	25								
2400 m.	270	21							310	12	320	31										
3000 m.	260	20																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Siwa		Baharciya		Dakhla		Kharga		Hurghada	
DATE	1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57		1-1-57	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	20	11	340	28	100	8	330	12	350	8	290	3	30	4	320	22	330	7	10	9	310	21
600 m.	10	12	340	24	280	10	330	16	350	18	330	6	40	9	340	36	320	10	360	13	320	25
1000 m.	10	12	340	28			330	20	350	19	340	19	350	7	340	59	30	21	360	20	330	22
1500 m.	40	17	330	20			330	17	340	22	340	31	350	10	340	33	360	24			310	24
2100 m.	50	14					320	26			330	17			350	69					300	16
2400 m.											360	29									310	8
3000 m.											320	21									300	6
4000 m.											280	29										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						31-12-56														
TIME						15														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	15													
1000 mb.						188	13		10	7										
950 mb.																				
900 mb.																				
850 mb.						1526	1		330	17										
800 mb.																				
700 mb.						3065	-6		300	18										
600 mb.																				
500 mb.						5602	-22		280	14										
400 mb.						7197	-36		290	15										
300 mb.						9163	-41		290	35										
200 mb.						11380	-50		270	100										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

SYNOPTIC SURFACE BULLETIN

CAIRO {Time of Sunrise 4 51 U.T. / Sunset 15 05 U.T.}

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 31TH DEC. 1956

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	5	7	Cu, Sc, Ac	22.2	18	8	52			
	303	SIDI BARRANI	300	10	16	02	5	7	Cu, Sc, Ac	21.7	16	12	77			
	306	MATRUH (A)	330	11	16	02	2	7	Sc	21.7	17	8	56	340	12	
	309	EL DABAA	340	8	20	00	0	6	Ac	20.4	17	9	60	340		
	319	ALEXANDRIA	360	13	20	01	1	5	Cu	20.3	17	7	00			
	318	ALEXANDRIA (A)	330	13	12	62	2	5	Cu, Sc	19.7	17	10	64			
	330	DAMIETTA	320	5	20	01	1	3	Cu	18.6	17	13	68	320		
	333	PORT SAID (A)	280	9	15	01	1	2	Cu, Sc	18.5	17	9	60			
	336	EL ARISH														
LOWER EGYPT	339	DAMANHUR	310	9	10	01	1	4	Cu	19.1	18	10	60	310	2	
	342	MANSURA	00	0		03	5	5	Sc, Cu	19.0	17	13	68	300	6	
	348	TANTA	310	8	20	03	2	6	Cu	19.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	360	SHEBIN EL KOM	320	5	20	01	6	3	Sc	16.8	18	10	[illegible]	320	2	
	354	ZAGAZIG	00	0	20	01	1	1	As	18.9	19	8	52			
	441	ISMAILIA	320	2	20	01	0	0	—	19.0	20	6	41	200	2	20
CAIRO AREA	366	CAIRO (A)	330	5	12	03	0	4	Cu	18.7	17	8	[illegible]	350	3	10
	372	CAIRO H. MAZA (A)	300	8	20	03	0	5	Cu	18.5	18	8	52	330	6	12
	374	CAIRO EZBEKIYA														
	375	GIZA	340	2	10	03	1	6	Cu	19.1	18	10	60	20		
	378	HELWAN	290	9	50	03	1	3	Cu	19.1	17	7	52	340	4	10
UPPER EGYPT	381	FAYOUM	360	4	20	01	1	2	ST	18.0	18	[illegible]	52	[illegible]		
	387	MINYA (A)	360	9	10	02	1	1	Cu	18.6	20	4	[illegible]	[illegible]		
	393	ASYOUT (A)	340	7	20	02	0	0	—	18.7	19	2	[illegible]	[illegible]		
	399	NAG' HAMADI	200	1	10	01	0	2	Ac	17.4	22	7	44	[illegible]		
	402	QENA	270	2	20	00	0	0	—	16.7	21	10	[illegible]	210		
	405	LUXOR (A)														
	414	ASWAN						8	[illegible]	12	[illegible]	0	0	—		
OASES	417	SIWA	210	4	16	03	1	4	Cu	21.5	20	10	55	360	5	5
	420	BAHARIYA	320	2	20	02	0	2	Cu	20.4	18	9	50	350		
	423	FARAFRA	360	2	20	03	0	1	Cu	20.8	20	4	35	360	1	10
	432	DAKHLA	340	10	21	02	0	0	—	18.7	21	1	27			
	435	KHARGA	350	5	22	02	0	0	—	17.1	22	3	27	00	0	5
RED SEA	450	SUEZ	360	2	50	01	0	2	Cu	18.2	18	1	46	350	2	0
	459	TOR														
	462	HURGHADA	350	17	22	02	0	0	—	15.7	21	7	47	310	10	5
	465	QUSEIR	340	10	22	01	0	0	—	15.6	22	8	41	290	8	20
	641	PORT SUDAN	30	9	20	02	2	7	Sc	13.1	27	22	74	30	7	20
NORTH SUDAN	600	WADI HALFA	40	13	20	01	0	0	—	15.1	34	3	14	10	12	20
	640	ABU HAMAD	360	2	24	02	2	7	Ac, Cu	10.0	31	13	35	360	7	24
	660	KAREIMA	50	1	20	02	2	7	Cu	9.9	32	11	28	360	10	20
	680	ATBARA	350	10	20	02	3	6	Ci	8.1	32	15	36	350	8	20
	721	KHARTOUM	50	9	16	05	0	0	—	6.7	35	15	30	20	7	20
	730	KASSALA	30	4	20	03	0	1	Ci	5.5	35	16	32	20	2	20
CENTRAL SUDAN	751	WAD MEDANI	50	9	20	02	0	0	—	5.8	35	10	22			
	801	RENK	360	9	20	02	0	0	—	6.7	38	7	15			
	802	ROSEIRES	310	5	20	02	0	0	—	4.6	37	8	17			
	771	EL OBEID	110	2	20	01	2	3	Ci	5.4	34	8	20	70	3	20
	760	EL FASHER	130	7	20	05	1	2	Ci	7.9	33	9	23	60	7	16
	770	GENEINA	40	8	30	03	2	2	Ci	8.3	32	0	13	30	8	30
S. SUDAN	840	MALAKAL	50	7	20	01	1	1	Ac	5.9	37	16	29	130	3	20
	880	WAU	90	4	20	03	2	7	Ac, Ci	4.9	36	21	42	50	1	20
	941	JUBA	50	4	20	04	2	6	Cu, Ci	4.8	36	18	35	130	1	20

Station	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOUM	22.5	15	4	19	-1	48	dr	164	
SIDI BARRANI	22.5	12	7	17		72	4	134	
MATRUH (A)	22.4	14	8	17		67	0.3	128	
EL DABAA	21.8	14	3	17		48	0	93	
ALEXANDRIA	21.2	15	9	19	0	68	0.4		
ALEXANDRIA (A)	[illegible]	15	7	18	-1	59	0.2	120	97
DAMIETTA	17.2	14	8	18	-1	67	0	75	70
PORT SAID (A)								111	40
EL ARISH									
DAMANHUR	29.4	13	9	19	-1	77	0		
MANSURA	19.6	13	9	19	-1	77	dr	52	37
TANTA	21.5	11	6	20	0	88	0	39	16
SHEBIN EL KOM	20.4	12	8	20		77	1	29	14
ZAGAZIG								24	
ISMAILIA	20.0	14	10	20		77	0	22	10
CAIRO (A)	21.0	14	10	19		77	0	14	
CAIRO H. MAZA (A)	20.4	14	10	19	0	77	0	15	
CAIRO EZBEKIYA				21	+2				
GIZA	20.8	14	10	19	0	77	0	18	9
HELWAN	20.6	14	10	18	-1	77	0	19	10
FAYOUM	20.2	15	10	20	-1	72	0	11	9
MINYA (A)	20.1	12	7	20	0	72	0	6	3
ASYOUT (A)	20.1	13	4	20	-1	48	0	dr	
NAG' HAMADI	18.9	15	7	22	0	59	0		
QENA	18.8	12	7	22	-1	67	0		
LUXOR (A)									
ASWAN	16.8	16	7	23	-1	56	0		
SIWA	21.0	14	-1	21	-1	36	0		
BAHARIYA	21.8	12	10	20		88	0		
FARAFRA	22.8	12	0	20		44	0		
DAKHLA									
KHARGA	19.0	14	3	22	-1	48	0		
SUEZ	18.4	14	8	19	-1	67	0	14	9
TOR									
HURGHADA	17.2	16	3	22	+1	42	0	dr	
QUSEIR	16.8	18	8	22	-1	52	0	0	4
PORT SUDAN	14.3	25	22	27		84	0		
WADI HALFA	16.7	17	1	35		30	0		
ABU HAMAD	12.7	24	9	31		38	0		
KAREIMA	12.2	26	6	33		28	0		
ATBARA	10.3	27	13	33		42	0		
KHARTOUM	9.5	27	12	36		40	0		
KASSALA	8.4	27	16	35		52	0		
WAD MEDANI				36					
RENK				38					
ROSEIRES				37					
EL OBEID	9.2	25	9	35		36	0		
EL FASHER	9.0	27	7	34		28	0		
GENEINA	10.2	25	3	33		24	0		
MALAKAL	8.9	29	12	38		35	0		
WAU	5.9	30	16	36		43	0		
JUBA	6.1	29	17	38		49	0		

At 0600 on TUESDAY 1ST JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOUM	00	0	20	01	1	4	Sc	24.4	+5.8	10	1	9	-1	54	dr	164	
SIDI BARRANI	330	10	16	02	2	6	Sc	23.3		13	8	11		72	4	134	
MATRUH (A)	320	11	16	02	2	5	Sc	23.2	+4.6	14	7	10		63	0.3	128	
EL DABAA	340	8	10	00	0	4	Cu	21.6		14	8	12		67	0	93	
ALEXANDRIA	360	24	20	03	6	6	Sc, Ac	20.8	+1.8	15	9	13	+2	68	1	120	97
ALEXANDRIA (A)	360	16	12	02	2	6	Sc	20.3	+2.3	15	8	14	+4	88	0.3	75	70
DAMIETTA	200	2	4	03	6	3	Cu	19.4	+1.4	11	9	7	-2	88	1	111	40
PORT SAID (A)	290	9	12	02	1	3	Cu, Ac	19.0	+1.0	12	10	11	-1	88			
EL ARISH																	
DAMANHUR	310	2	10	01	6	3	Cu	20.2	+1.6	13	11	10	+2	88	0.4	52	37
MANSURA	00	0		03	1	5	Cu	19.8	+1.2	11	9	8	0	88	dr	39	16
TANTA	00	0	20	03	2	7	ST	20.7	+1.6	7	9	4	-3		0	29	14
SHEBIN EL KOM	330	2	4	01	1	4	Sc	20.0	+0.8	10	8	9		88	1	24	
ZAGAZIG	220	1	10	02	2	6	Cu	20.3	+1.1	9		6	-1		0	22	10
ISMAILIA	350	4	20	01	0	0	—	20.2		11	7	9		77	0	11	
CAIRO (A)	260	7	14	01	2	2	Sc	20.7		11	6	10		71	0	14	
CAIRO H. MAZA (A)	230	8	12	01	0	1	Sc	20.4	+1.4	11	6	10	+1	71	0	15	
CAIRO EZBEKIYA										11	7	10	+2	77	0	18	9
GIZA	00	0	6	02		2	Sc	21.1	+1.6	10	8	5	-1	79	0	19	10
HELWAN	00	0	3	05	4	1	Ac	21.5	+1.9	9	7	8	-1	65	0	11	9
FAYOUM	00	0	20	02	1	3	Cu, Sc	22.7	+3.3	10	6	8	+1	76	0	6	3
MINYA (A)	320	5	8	02	0	0	—	22.1	+2.0	8	5	5	0	82	0	dr	
ASYOUT (A)	270	3	12	02	0	0	—	21.7	+1.5	10	5	6	-1	71	0	0	
NAG' HAMADI	00	0	3	01	0	0	—	20.7	+1.0	11	7	6	0	77	0	1	
QENA	270	2	10	00	0	0	—	20.7	+1.7	10	4	6	-1	67	0	dr	
LUXOR (A)	00	0	22	00	0	0	—	19.4	+0.2	13	6	6		63	0	0	
ASWAN	00	0	12	02	0	0	—	20.0	+1.0	13	2	8	-3	48	0	0	
SIWA	00	0	16	01	1	3	Sc	23.9	+3.2	7	4	6	+2	81	0	19	5
BAHARIYA	360	1	10	02	0	0	—	23.7	+3.3	7	5	3	-2	87	0	2	4
FARAFRA	360	1	15	02	0	1	Ci	24.7		8	4	7		76	0	0	
DAKHLA	250	2	14	03		1	Ci	23.8	+3.2	7	-1	4	-1	57	0	1	
KHARGA	40	4	10	02	0	0	—	20.6	+1.2	12	8	8	+1	77	0	3	
SUEZ	00	0	20	00	0	0	—	21.1	+2.3	10	8	5	-5	88	0	14	9
TOR																	
HURGHADA	300	19	22	02	0	1	Cu	17.8	+0.4	14	8	10	-1	67	0	dr	
QUSEIR	270	5	20	03	0	1	Cu	18.0	+0.4	16	3	12	-3	42	0	0	4
PORT SUDAN	340	13	20	02	02	7	Sc	14.9		24	19	22		74	0		
WADI HALFA	10	10	20	02	0	0	—	20.1		13	1	10		44	0		
ABU HAMAD	360	13	22	03	0	1	Ci	14.9		18	1	16		32	0		
KAREIMA																	
ATBARA	10	10	20	03	0	6	Ac, Ci	12.8		20	9	18		49	0		
KHARTOUM	20	13	20	03	1	5	Ac, Ci	11.8		22	17	20		74	0		
KASSALA	00	0	20	01	0	0	—	10.2		24	18	17		69	0		
WAD MEDANI	50	9	20	02	0	0	—	11.3		23	13			53			
RENK	360	2	20	02	0	0	—	12.4		24	7	15		34	0		
ROSEIRES	30	2	60	02	0	0	—	10.2		21	10	10		50	0		
EL OBEID	360	8	20	03	0	4	Ci	11.3		21	9	17		47	0		
EL FASHER																	
GENEINA	70	1				4	Cb, Ci	14.7		17	4	15		42	0		
MALAKAL	30	8	20	02	0	1	Ci	10.1		25	8			0	0		
WAU																	
JUBA	180	7	20	04	0	7	Ci	9.2		27	18			22	0		

RETARDS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WI[illegible]

BY PILO[illegible]

STATION	Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		[illegible]		[illegible]		Bahariya		Farafra		Dakhla	
DATE	1-1		1-1		1-1		1-1		1-1		1-1		1-1		1-1		1-1		1-1		1-1	
TIME	15		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	10	10	19	340	12	360	21	320	20	320	10	340	17	20	10	20	22	10	7	10	9
600 m.	350	8	360	21	340	13	360	21	330	23	330	8	340	18	10	5	20	23	10	8	360	13
1000 m.	360	7	340	23	340	18	350	20	340	21	330	11	350	17	60	3	360	17	10	12	10	8
1500 m.	30	18	330	21	320	24	350	17	360	21	340	15	10	11	60	10	350	19	10	15	30	17
2100 m.	30	20			320	29	360	17	340	23	320	17	340	18	50	9	20	22	360	11	360	11
2400 m.	20	20			320	32	10	22	330	24	330	17	330	15	20	9	10	24	350	15	360	30
3000 m.	360	13					20	29	320	16	330	11	280	18	350	8			330	13		
4000 m.	320	16							320	25	320	17			330	20						
5000 m.	320	25													310	26						
6000 m.	330	43																				

STATION	Kharga		Hurghada						Alex.(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga	
DATE	1-1		1-1						2-1		2-1		2-1		2-1		2-1		2-1		2-1	
TIME	14		14						2		2		2		3		2		5		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	17	330	34					10	8	360	11	10	7	20	11	110	15	50	5	10	15
600 m.	360	17	330	30					360	11	360	16	40	16	30	12	100	12	50	17	40	19
1000 m.	10	17	300	23					350	12	360	14	20	14	110	6	110	14	50	20	40	27
1500 m.	340	21	270	16					40	9	30	11	40	16	10	5	110	17	80	15		
2100 m.	350	13	320	19									50	13	330	4	120	17				
2400 m.	350	16	300	17									30	10			130	18				
3000 m.																	200	7				
4000 m.																	220	21				
5000 m.																	240	22				
6000 m.																	70	18				

STATION	Sollum		Alex.(A)		Cairo(A)		Helwan		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1	
TIME	8		8		8		6 30		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	130	21	80	10	270	7	120	1	300	6	30	4	100	6	110	6	30	2	20	14	310	12
600 m.	130	22	10	11	90	16	70	11	50	10	140	10	100	5	100	13	60	12	60	17	70	3
1000 m.	140	21	110	13	80	17			60	13	120	13	100	9	100	8	50	19	50	16	30	6
1500 m.	130	20			60	15			30	11	120	8	120	18	120	14	120	13	60	7	100	6
2100 m.	140	26							70	4	80	4	100	19	140	8	110	8			310	6
2400 m.									90	3	360	2	100	17	150	4					320	4
3000 m.									160	3	300	7	100	16	160	5					290	8
4000 m.									260	15			180	9							290	15
5000 m.									270	21			280	17								
6000 m.													260	29								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	1-1					1-1														
TIME	14					15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				25	16													
1000 mb.	179	15		340	8	197	14		350	11										
950 mb.																				
900 mb.																				
850 mb.	1534	5		320	24	1535	4		30	19										
800 mb.																				
700 mb.	3094	-3				3092	-4		360	13										
600 mb.																				
500 mb.	5673	-20				5660	-18		350	30										
400 mb.	7293	-31				7287	-30		320	46										
300 mb.	9292	-42																		
200 mb.	11920	-57																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 2nd JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. continues below normal today but expected to rise gradually from tomorrow. Much high and medium clouds. Risk of coastal showers. Light/moderate N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 04 51 U.T.; Sunset 15 06 U.T.)

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 0600 on WEDNESDAY 2nd JANUARY, 1957

Area	Index Number	Station	1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km. (or m.)	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar. Pressure M.S.L. mb.	1200 Temp. Dry Bulb °C	1200 Temp. Dew Point °C	1200 Relative Humidity %	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km. (or m.)	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar. Pressure M.S.L. mb.	1800 Temp. Dry Bulb °C	1800 Temp. Dew Point °C	1800 Maximum Today °C	1800 Maximum Diff. from normal °C	1800 Relative Humidity %	Rain past 12 hrs. mms.	0600 Wind Direction Deg.	0600 Wind Velocity in Knots	0600 Visibility in Km. (or m.)	0600 Present Weather ww	0600 Past Weather W	0600 Cloud Amount 0-8	0600 Cloud Forms	0600 Bar. Pressure M.S.L. mb.	0600 Bar. Pressure Diff. from normal mb.	0600 Temp. Dry Bulb °C	0600 Temp. Dew Point °C	0600 Minimum Today °C	0600 Minimum Diff. from normal °C	0600 Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st mms.	Rainfall Normal From Oct. 1st mms.
MEDITERRANEAN	62300	SALLOÛM	90	0	20	02	1	5	Sc, Cu	22.4	17	2	37	00	0	14	01	2	5	Sc	22.0	15	3	17	-3	45	0	00	0	20	01	1	3	Sc	19.3	+1.7	11	2	11	+2	54	0	164	
	303	SÎDI BARRÂNI	20	8	20	02	2	6	Sc	22.2	16	8	59	40	8	12	02	0	4	Sc	22.1	14	8	16		67	0	180	10	15	01	2	5	Sc, Ac, Ci	17.2		8	6	7		88	0	134	
	306	MATRÛḤ (A)	330	12	16	01	2	3	∞	21.8	17	7	52	250	1	12	03	2	5	Sc	22.8	12	8	17		77	0	130	3	16	01	2	4	Sc	19.3	+0.7	8	6	7		88	0	128	
	309	EL ḌAB'AA	360	9	20	00	0	5	Ac	20.3	17	4	42	360	3		00	0	2	As	21.7	13	11	18		88	0	40	1	10	00	0	4	Cu	19.8		13	11	12		88	0	93	
	319	ALEXANDRIA	360	16	20	01	1	5	Sc	19.9	17	7	52	360	10	20	01	1	2	Cu	21.5	18	7	18	-1	82	0	00	0	4	03	4	7	Co	20.6	+1.6	14	8	13	+2	67	0	120	99
	318	ALEXANDRIA (A)	360	16	12	02	2	5	Cu	20.0	18	9	56	40	1	12	02	0	3	Sc	21.4	14	8	18	-1	67	0	00	0	12	03	0	6	Ci	20.2	+2.2	8	7	4	-6	94	0	75	72
	330	DAMIETTA	320	5	20	02	5	3	Cb	18.6	17	11	68	270	2		01	6	0	—	18.7	14	12	18	-1	88	1	180	2	4	03	1	2	Cu	20.0	+2.0	13	6	9	0	97	1	112	41
	333	PORT SA'ÎD (A)																										20	4	10	02	0	2	St, Ci	20.4	+2.4	15	11	12	0	77	0		
	336	EL 'ARISH																																											
LOWER EGYPT	339	DAMANHÛR	310	2	20	01	1	3	Cu	20.0	17	7	52	310	2	10	02	0	1	Cu	20.6	13	7	18	-2	67	0	40	2	4	01	1	6	Cu, Sc	20.4	+1.8	10	8	8	0	88	0	52	37
	342	MANṢÛRA	360	5		03	1	5	Cu	18.8	18	10	60	00	0		00	0	0	—	20.4	14	8	18	-2	67	0	00	0		03	1	6	Sc, Cu	20.6	+2.0	12	10	9	+1	88	0	39	16
	348	ṬANṬA	360	8	20	03	6	6	Cu	20.0	16	10	68	00	0	20	02	0	0	—	21.1	9	9	18	-2	97	0.2	00	0	20	03	2	8	Cu	21.1	+2.0	10	8	4	-3	88	0.2	29	14
	360	SHEBÎN EL KÔM	250	5	20	01	1	4	Sc	19.1	17	9	60	250	2	10	01	1	2	Sc	21.1	12	5	19		63	0	340	2	10	01	1	1	As	20.2	+1.0	10	6	7		76	0	24	
	354	ZAGAZIG	00	0		02	0	0	—	19.6	16	10	68															140	1	3	02	1	3	Ci	1.6	-0.	14	3	8	+1	48	0	22	10
	441	ISMA'ÎLÎA	20	2	20	60	6	7	Cu	20.0	17	11	68	200	2	20	60	1	0	—	20.2	13	11	20		88	dr	200	2	20	03	2	7	Sc, Cu	20.4		10	8	8		88	dr	11	
CAIRO AREA	366	CAIRO (A)	340	14	14	03	2	7	Cu, Sc	19.3	15	9	68	270	2	16	01	6	6	Cu, Sc	21.2	13	11	17		88	dr	160	1	8	05	1	6	Sc	20.8		10	8	8		88	dr	14	
	372	CAIRO ALMÂZA (A)												300	3	12	03	6	7	Sc	21.1	14	10	17	-2	77	dr	00	0	10	02	2	7	Sc, Co	20.1	+1.1	11	7	9	0	77	dr	15	
	374	CAIRO EZBEKÎYA																						19	-1													12	8	9	+1	77	dr	18	9
	375	GIZA	310	4	8	02	8	6	ST	19.6	17	10	64	20	1	8	03	8	6	ST	21.0	13	10	18	-1	82	0.1	00	0	5	03		8	Cu, Ac	20.8	+1.2	9	8	7	+1	94	0.1	19	10
	378	ḤELWÂN	320	13	20	02	2	8	Cb	19.8	16	8	59	340	5	10	03	6	6	Sc	21.0	14	10	16	-3	77	0.5	00	0	3	05	4	8	Ci	20.7	+1.1	9	7	8	-1	88	0.5	12	9
UPPER EGYPT	381	FAYOÛM	330	4	20	02	2	8	Cb	20.4	17	9	60	00	0	20	01	1	3	Cb	20.7	14	8	17	-4	67	0	360	4	20	02	2	7	ST	21.1	+1.7	10	8	8	+1	88	0	6	3
	387	MINYA (A)	340	13	3	01	1	3	Cu, Ci	20.1	19	2	32	00	0	7	02	0	0	—	20.5	11	7	19	-1	77	0	10	7	7	03	1	4	Ci	19.8	-0.3	9	6	6	+1	82	0	do.	
	393	AṢYOÛṬ (A)	340	9	6	02	0	3	Cu, Ci	19.7	18	2	34	00	0	10	02	5	0	—	20.7	12	6	18	-3	67	0	00	0	5	03	2	8	Ac, Co	20.1	-0.1	9	5	8	+1	76	0	0	
	399	NAG' ḤAMÂDI	290	1	10	10	2	4	Ac, Ci	16.7	19	7	46	00	0		01	0	1	Ac	18.8	13	7	20	-2	67	0	00	0	3	03	2	8	Cu, As	18.8	-0.9	10	8	6	0	88	0	1	
	402	QENA	290	3	20	03	1	2	Ci	17.2	20	6	41	270	2		00	0	0	—	18.2	14	3	21	-2	48	0	360	2	10	03	1	5	Ci	19.4	+0.4	10	6	4	-3	76	0	do.	
	405	LUXOR (A)																										90	2	22			2	Ci	18.6	-0.6	8	2	3		66	0	0	
	414	ASWÂN	360	15	15	03	1	5	Ci	16.9	21	2	29	360	8	10	01	0	4	Ci	18.4	16	3	22	-2	42	0	00	0	14	03	0	2	Ci	18.1	-0.9	10	5	6	-5	71	0	0	
OASES	417	SÎWA	40	10	16	02	1	4	Sc, Cu, Ci	21.9	18	5	43	60	5	15	02	1	2	Ci	21.7	13	3	18	-2	51	0	00	0	16	02	0	2	Ac, Ci	18.2	-2.5	7	3	7	+3	76	0	19	5
	420	BAḤARÎYA	360	2	20	02	2	5	Ci	21.0	17	10	64	00	0	10	02	1	0	—	22.8	11	7	18	-2	77	0	00	0	20	02	2	8	Ac	21.0	+0.8	6	4	5	0	87	0	2	4
	423	FARAFRA												320	2	12	01	1	1	Ci	23.4	11	1	18		51	0	280	3	15	02	2	7	Co	21.6		6	-2	5		57	0	0	
	432	DAKHLA	350	14	20	02	2	5	Ci	20.6	17	4	42	310	5	20	01	0	1	Ci	21.9	12	0	18	-4	44	0	00	0	10	02	2	8	Sc, Ac	20.4	-0.2	-6	-2	3	-2	57	0	1	
	435	KHARGA	20	5	20	03	2	5	Ci	19.2	17	4	42	00	0	25	02	0	0	—	19.4	11	2	19	-4	54	0	00	0	8	03	1	7	Sc, Ac	17.9	-1.5	6	6	5	-2	82	0	3	
RED SEA	450	SUEZ	310	12	50	03	0	5	Sc	18.8	18	8	52	310	7	10	01	6	0	—	20.8	15	11	19	-1	77	3	00	0	20	00	0	5	Cu	20.7	+1.8	80	8	6	-4	88	3	17	9
	459	TÔR																																											7
	462	HURGHÂDA	340	28	22	02	0	3	Cu, Ci	16.3	20	5	38	300	14	10	02	0	0	—	18.0	15	1	20	-1	39	0	280	17	20	01	2	7	Cu, Co	17.8	+0.4	14	8	11	0	67	0	do.	
	465	QUSEIR	340	7	20	03	0	1	Cs	16.3	20	11	56	300	10	20	01	0	0	—	16.2	17	7	21	-2	52	0	290	8	20	03	0	4	Sc, Cu, Ci	17.5	-0.1	15	4	13	-2	48	0	0	4
	641	PORT SÛDÂN												360	10	20	02	2	7	Sc	14.9	25	19	31		70	0	330	12	30	02	2	7	Sc, Cu, Ac	15.2		23	17						
NORTH SUDAN	600	WÂDI ḤALFA	360	21	20	03	0	5	Ci	16.7	23	-3	18	30	8	20	01	0	1	Ci	14.9	16	0	33		34	0	20	8	20	02	0	0	—	18.4		8	1			62			
	640	ABU ḤAMAD												360	9	20	01	0	0	—	13.7	20	-3	35		21	0	360	9	24	00	0	1	Ci	18.1		14	0	11		39	0		
	660	KAREIMA	50	9	15	07	0	0	—	12.2	27	0	17	50	8	20	07	0	0	—	14.1	23		29		19	0	50	2	21	02	1	4	Ci	15.0		15	-3	12		30	0		
	680	ÂṬBARA	350	14	20	02	1	1	Ci	8.1	30	16	38	350	7	20	02	0	0		11.5	24		31		36	0	360	10	20	02	0	7	Ci	12.8		18	2	15		34	0		
	721	KHARṬOÛM	20	13	20	01	2	5	Ac, Ci	8.4	30	13	35	360	8	20	01	0	1	Ci	10.1	27		34		40	0	10	10	20	02	1	6	Ci	12.3		19	2			32			
	730	KASSALA	20	6	20	02	0	0	—	4.7	34	15	32	50	4	20	02	0	0	—	8.1	25		34		58	0																	
CENTRAL SUDAN	751	WÂD MEDANI																						34				360	13	20	02	0	0	—	11.8		20	4	17		35	0		
	801	RENK	310	5	20	02	0	2	Ac	6.4	34	12	27											37				10	5	20	02	0	0	—	11.8		23	13	17		53	0		
	802	ROSEIRES	310	5	20	02	0	1	Ci	3.8	37	11	20											37				310	5	20	02	0	0	—	9.0		22	14	18		61	0		
	771	EL OBEID	20	9	20	03	0	5	Cs	6.6	31	9	25	40	8	20	01	2	0	—	8.8	26		32		32	0																	
	760	EL FASHER	40	9	22	02	2	7	Ac, Cs	8.1	29	2	18	50	5	20	01	2	7	Ac, Co	10.1	24		31		30	0	310	3	8	05	2	7	Sc, Cu, Ci	15.1		17	-1	13		30	0		
	770	GENEINA	40	10	30	03	1	4	Ci	8.2	31	3	17	30	10	30	01	1	0	—	9.2	25		32		24	0	50	8	20	05	1	5	Ci	14.1		17	0	15		32	0		
S. SÛDÂN	840	MALAKÂL	80	8	20	02	0	1	Ci	4.7	37	9	18											37				30	12	20	02	0	1	Ac, Ci	8.8		25	11	21		42	0		
	880	WÂU	30	10	20	03	2	7	Cu, Cs	2.9	36	14	27	00	0	20	01	2	3	Ci	4.9	29		37		43	0	00	0	20	07	2	7	Co	8.2		23	19			79	0		
	941	JUBA	180	5	20	04	0	5	Cu	2.2	37	15	27	360	3	20	04	0	3	Ac, Ci	3.6	31		37		38	0	90	2	20	04	0	6	Ac, Ci	6.9		27	15	20		48	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1		2-1	
TIME	14		14		13, 45		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	110	18	40	11	40	14	350	12	20	4	360	3	320	5	120	19	80	11	240	3	310	3
600 m.	130	21	100	9	50	14	20	11	90	4	360	2	60	4	120	15	70	10	210	3	40	2
1000 m.	140	20	110	10	60	15	40	11	160	4	30	2	80	8	110	19	80	8	120	4	360	2
1500 m.	140	23	110	11	80	13	110	5	80	7	120	2	110	9	150	23	110	10	180	6	270	3
2100 m.	160	18	80	10	70	11	40	3	180	4	140	9	250	5	200	25	140	3	220	3	270	4
2400 m.	160	19	60	7	80	5	190	5	250	6	130	9	190	8	190	18	110	12	200	12	260	8
3000 m.			180	5	220	5	230	6	120	5	170	11	280	16	190	18	130	10	110	12		
4000 m.					200	10	270	10	260	10	240	12					130	7	260	18		
5000 m.					240	18	250	20											220	22		
6000 m.					270	28	250	23														

STATION	Kharga		Hurghada						Alex. (A)		Minya		Aswan		Dakhla		Kharga					
DATE	2-1		2-1						3-1		3-1		3-1		3-1		3-1					
TIME	14		14						2		2		4		5		4					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	50	5	360	4					110	13	200	11	10	16	230	2	360	2				
600 m.	30	4	20	8					110	13	200	10	10	19	220	7	220	3				
1000 m.	30	7	140	5					120	16	170	10	10	15	230	18	200	9				
1500 m.	210	7	320	2					90	14	160	21	340	12	300	21	170	19				
2100 m.	330	4	180	1									190	18								
2400 m.	300	4	270	1																		
3000 m.	280	8	290	7																		
4000 m.			280	19																		
5000 m.			260	23																		
6000 m.																						

STATION	Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1	
TIME	8		8		6, 15		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	160	15	190	6	140	9	150	9	220	4	30	3	170	11	200	12	110	3	300	3	340	7
600 m.	200	12	190	9	170	12	170	8	200	9	360	4	180	15	230	20	220	5	260	4	70	13
1000 m.	200	10	190	10	210	6	190	12	210	14	10	4	190	23	250	20	280	13	220	9	120	11
1500 m.	240	10	220	12	210	17	220	11	210	18	30	7	230	23	230	10	310	22			160	14
2100 m.			210	11	210	16			240	18	190	10	250	20	280	12	290	15			120	35
2400 m.					220	14			240	14	140	5	250	21							220	16
3000 m.					210	14			200	16	140	9	250	28								
4000 m.													270	50								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	2-1					2-1														
TIME	13,45					15														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18				25	17													
1000 mb.	163	17		60	12	149	16													
950 mb.																				
900 mb.																				
850 mb.	1517	6		80	13	1495	5													
800 mb.																				
700 mb.	3088	-2		220	5	3060	-2													
600 mb.																				
500 mb.	5699	-16		240	30	5757	-18													
400 mb.	7335	-28		270	62	7387	-30													
300 mb.	9329	-44		270	62	9370	-47													
200 mb.	11910	-65		270	116															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 3rd JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour but not at time of observation
22	Snow	not falling as shower (s); during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. slightly above normal. Some high clouds over Lower Egypt and Cairo. Variable light winds becoming moderate W'ly to SW'ly later, freshening at times with rising dust.

In Upper Egypt: Clear sky, light variable winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 0452 U.T. / " " Sunset 1507 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
SALLOÛM	130	16	18	02	1	8	Sc, AC	16.3	18	4	40
SÎDI BARRÂNI	90	8	18	02	2	8	cu, ci	17.3	17	10	64
MATRÛḤ (A)	80	10	16	02	2	7	Sc, cS	18.4	18	9	56
EL ḌAB'AA	40	6	20	00	0	6	CS	19.1	18	9	52
ALEXANDRIA	40	10	20	01	1	6	cu, cS	19.4	17	9	60
ALEXANDRIA (A)	100	2	12	02	2	5	cu	18.9	21	12	57
DAMIETTA	90	5	20	03	1	3	AC	18.7	18	10	60
PORT SA'ÎD (A)	180	10	60	02	0	2	cu, ci	19.3	16	10	68
EL 'ARISH											
DAMANHÛR	40	2	10	02	1	4	cu	18.8	18	10	60
MANṢÛRA	00	0		01	1	3	cu	18.4	20	11	56
ṬANṬA	110	5	20	03	2	7	cu	19.2	20	8	46
SHEBÎN EL KÔM	340	5	20	01	1	3	cu	18.4	18	6	46
ZAGAZIG	40	1	20	01	1	5	cu	17.2	17	11	68
ISMA'ILÍA											
CAIRO (A)	40	15	20	02	2	3	cu	17.5	18	8	52
CAIRO ALMÂZA (A)											
CAIRO EZBEKÍYA											
GIZA	50	9	10	03	2	5	cu	17.4	19	12	64
ḤELWÂN	40	8	50	02	1	1	cu	17.4	19	7	46
FAYOÛM	360	4	20	02	0	1	cu, Sc	17.5	18	10	60
MINYA (A)	350	7	16	02	1	0	—	16.8	21	8	44
AṢYOÛṬ (A)	360	3	14	02	0	1	ci	16.8	19	6	43
NAG' HAMÂDI	290	1		03	2	6	AC, cS	16.0	18	8	52
QENA	180	2	20	02	1	7	CS	15.8	18	9	56
LUXOR (A)											
ASWÂN	180	2	15	03	0	3	ci	14.5	23	5	32
SÎWA	140	10	16	02	1	3	cu, ci	17.4	18	6	46
BAḤARÎYA	90	2	20	02	2	2	CS	17.4	20	11	56
FARAFRA	00	0	20	01	0	1	ci	18.5	20	6	41
DAKHLA	310	2	11	02	2	7	Sc, CS	17.5	19	7	46
KHARGA	00	0	12	01	2	7	cS	15.4	19	9	52
SUEZ	20	2	50	01	0	1	cu	17.1	19	9	52
TÛR											
HURGHÂDA	30	5	22	01	2	2	cu, AS	15.4	20	10	53
QUSEIR	340	8	20	03	1	6	Sc, cu, cS	16.1	20	13	64
PORT SÛDÂN	40	12	20	01	1	3	Sc	12.7	26	18	62
WÂDI ḤALFA	30	7	20	02		1	ci	14.2	21	1	27
ABU ḤAMAD	50	5	24	02	0	1	ci	10.3	27	8	30
KAREIMA	50	2	21	03	0	2	ci	10.5	27	3	22
ʿATBARA											
KHARṬOÛM											
KASSALA	60	6	20	02	0	0	—	4.9	32	17	41
WÂD MEDANI	360	6	20	02	0	1	ci	4.7	33	9	23
RENK	310	13	20	02	0	1	AC	5.3	35	15	30
ROSEIRES	50	5	20	02	0	0	—	1.3	38	12	21
EL OBEID	50	10	20	02	0	1	ci	6.2	30	5	21
EL FASHER	360	6	10	02	2	7		7.1	29	0	15
GENEINA	70	3	30	01	0	1	cS	5.6	33	3	15
MALAKÂL	70	8	20	01	1	2	AC	4.1	35	7	18
WÂU	70	7	20	02	2	6	cS	3.4	35	13	27

At 1800 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM														
SÎDI BARRÂNI	180	10	14	02	0	5	Sc	9.9	17	3	18	-1	39	0
MATRÛḤ (A)	120	13	15	01	2	5	ci	14.7	13	9	18		77	0
EL ḌAB'AA	110	10	10	03	2	6	Sc, cS	15.9	12	9	18		82	0
ALEXANDRIA	90	11	20	01	1	0	—	18.0	15	9	19	0	68	0
ALEXANDRIA (A)	90	10	12	01	2	4	ci	17.5	14	10	21	+2	77	0
DAMIETTA	90	2		02	1	2	cu	18.7	15	11	18	-1	77	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	40	2	10	02	0	0	—	18.0	12	10	21	+1	88	0
MANṢÛRA	270	5		00	0	0	—	18.0	13	9	21	+1	77	0
ṬANṬA	90	7	20	02	0	0	—	18.4	12	8	21	+1	77	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	18.4	11	7	20		77	0
ZAGAZIG	320	1	10	02	0	0	—	18.2	19	9	20	0	52	0
ISMA'ILÍA														
CAIRO (A)	80	16	12	02	0	0	—	17.0	13	7	19		67	0
CAIRO ALMÂZA (A)	50	19	12	02	0	0	—	17.0	14	6	19	0	59	0
CAIRO EZBEKÍYA											21	+1		
GIZA	70	3	10	01	0	0	—	17.5	15	8	20	+1	63	0
ḤELWÂN	40	13	10	02	0	0	—	16.4	15	7	19	0	59	0
FAYOÛM	360	4	20	01	0	0	—	16.0	13	8	19	-2	72	0
MINYA (A)	00	0	8	02	0	0		16.6	11	6	21	+1	71	0
AṢYOÛṬ (A)	180	6	10	02	0	0	—	16.7	14	-1	21	0	36	0
NAG' HAMÂDI	290	1		01	2	4	AC, cC	16.6	12	10	19	-3	88	0
QENA	00	0		00	0	0	—	16.7	12	7	19	-4	72	0
LUXOR (A)											19			
ASWÂN	00	0	10	01	0	0	—	15.2	16	6	24	0	52	0
SÎWA	130	6	14	02	0	0	—	14.6	12	4	18	-2	59	0
BAḤARÎYA	00	0	10	02	2	0	—	16.7	11	6	21	+1	71	0
FARAFRA			12	02	0	0	—	17.8	11	2	20		54	0
DAKHLA	100	1	8	01	2	1	ci	17.4	14	5	19	-3	55	0
KHARGA	00	0	8	01	2	2	cu, ci	16.2	13	6	20	-3	63	0
SUEZ	330	1	10	01	0	0	—	17.5	14	5	20	0	55	0
TÛR														
HURGHÂDA	00	0	10	02	0	0	—	16.5	13	6	21	0	63	0
QUSEIR	300	5	20	02	2	6	cS	16.4	17	11	21	-2	68	0
PORT SÛDÂN	360	3	20	01	0	1	Sc	13.7	23	17	27		69	0
WÂDI ḤALFA	10	7	20	01	0	1	ci	15.5	15	-2	22		32	0
ABU ḤAMAD	360	5	24	02	0	0	—	11.1	21	3	28		31	0
KAREIMA	330	1	21	02	0	1	ci	11.7	21	0	28		25	0
ʿATBARA	350	5	20	01	1	0	—	9.5	24	11	31		44	0
KHARṬOÛM	10	7	20	01	0	0	—	8.7	26	13	32		45	0
KASSALA	30	3	20	01	0	0	—	7.5	25	14	33		51	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	20	8	20	01	0	0	—	8.0	26	5	30		27	0
EL FASHER	50	8	20	03	2	7	cS	7.6	25	2	32		22	0
GENEINA	20	3	30	01	1	1	cS	8.1	24	7	35		34	0
MALAKÂL	50	2	20	04	2	4	AC, cS	5.5	27	13	36		42	0
WÂU	360	1	20	01	2	4	AC, cS	4.9	29	16	35		46	0
JUBA	00	0	20	04	6	1		3.2	28	15	38		45	45

At 0600 on THURSDAY 3rd JANUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM																	
	303	SÎDI BARRÂNI	140	14	16	01	2	4	Sc, AC	11.0		9	6	8		82	0	144	
	306	MATRÛḤ (A)	130	15	16	01	2	4	Sc	13.2	-5.4	10	5	8		71	0	99	
	309	EL ḌAB'AA																87	
	319	ALEXANDRIA	130	12	20	03	0	4	AS, ci	15.5	-3.5	11	7	10	-1	77	0	75	
	318	ALEXANDRIA (A)	140	3	12	02	0	4	ci	14.9	-3.1	11	7	10	0	77	0	107	101
	330	DAMIETTA	140	2	05	11	1	5	AC	16.0	-2.0	14	14	9	0	97	0	62	73
	333	PORT SA'ÎD (A)	100	10	9	03	1	7	AC, ci	16.5	-1.5	13	11	11	-1	88	0	112	42
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	90	2	10	03	0	3	ci	15.4	-3.2	10	8	7	-1	88	0	50	38
	342	MANṢÛRA	00	0		01	1	2	cu	15.0	-3.6	9	7	8	0	88	0	29	16
	348	ṬANṬA	150	7	20	01	1	1		16.0	-3.1	9	7	4	-3	88	0	28	14
	360	SHEBÎN EL KÔM	320	2	10	01	1	1	Sc	15.4	-3.8	9	7	8		88	0	24	
	354	ZAGAZIG	140	2	10	02	0	0	—	14.6	-4.5	9	7	8	+1	88	0	21	10
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	130	4	16	01	0	1	AC	15.1		12	6	8		67	0	14	
	372	CAIRO ALMÂZA (A)	00	0	15	01	0	1	AC	15.4	-3.8	12	6	8	-1	67	0	15	
	374	CAIRO EZBEKÍYA										10	6	8	0	76	0	18	9
	375	GIZA	00	0	4	02	—	2	Sc	16.0	-3.6	8	7	4	-2	94	0	19	10
	378	ḤELWÂN	70	2	10	02	0	1	ci	15.6	-4.0	13	4	9	0	55	0	12	9
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	14.4	-3.0	8	5	5	-2	82	0	6	3
	387	MINYA (A)	180	4	5	02	0	0	—	17.0	-5.2	7	3	3	-2	76	0	dr	
	393	AṢYOÛṬ (A)	00	0	8	02	0	0	—	16.9	-3.3	9	0	6	-1	54	0	0	
	399	NAG' HAMÂDI	00	0		02	0	2	AS	16.7	-3.1	9	4	4	-2	71	0	1	
	402	QENA	00	0	10	00	0	0	—	16.3	-2.7	9	3	4	-3	67	0	dr	
	405	LUXOR (A)	00	0	22			0	—	16.1	-3.2	8	2	3		66	0	0	
	414	ASWÂN	340	2	12	02	0	0	—	14.4	-4.6	12	9	8	-3	82	0	0	
OASES	417	SÎWA	280	6	14	02	0	0	—	12.3	-8.4	8	2	1	+3	66	0	19	5
	420	BAḤARÎYA	90	2	20	02	0	0		15.7	-4.6	7	3	3	-2	76	0	2	4
	423	FARAFRA	00	0	15	02	0	0		17.6		5	0	2		70	0	0	
	432	DAKHLA	20	2	15	01	0	1	ci	17.6	-3.0	4	-2	2	-3	65	0	1	
	435	KHARGA	00	0	10	01	1	1	ci	15.2	-4.2	8	3	2	-5	71	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	2	cu	15.6	3.3	9	4	5	-5	71	0	14	9
	459	TÛR																	7
	462	HURGHÂDA	310	7	22	02	0	1	cu	15.4	2.1	13	4	8	-3	55	0	dr	
	465	QUSEIR	270	8	20	01	1	1	AC	15.0	-2.6	17	9	14	0	60	0	1	4
	641	PORT SÛDÂN	240	8	20	03	2	7	Sc	13.7		23	18	19		74	0		
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	7	AC, cS	16.3		8	-2	6		50	0		
	640	ABU ḤAMAD	20	2	24	02	0	0	—	13.1		16	0	13		34	0		
	660	KAREIMA	40	1	21	02	0	2	AC, ci	13.3		16	-1	14		32	0		
	680	ʿATBARA	10	10	20	00	0	7	AC, ci	12.0		18	1	16		32	0		
	721	KHARṬOÛM																	
	730	KASSALA	270	1	20	02	0	0	—	10.4		21	15	17		69	0		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	310	2	20	02	0	0	—	11.8		21	2	17		29	0		
	802	ROSEIRES																	
	771	EL OBEID	350	8	24	03	0	4	ci	11.5		17	-2	14		28	0		
	760	EL FASHER	350	3	24	03	1	7	cS	14.1		15	0	12		36	0		
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL	50	11	24	04	2	6	AC, cS	10.1		24	8	20		36	0		
	880	WÂU																	
	941	JUBA	20	5	20	04	5	5		7.6		24					0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Bahariya		Dakhla		Kharga		Hurghada			
DATE	3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1		3-1			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	10	210	12	210	14	190	10	260	13	340	5	250	24	310	5	160	4	60	7		
600 m.	260	15	210	14	210	18	220	14	230	6	290	4	250	25	320	8	240	4	150	3		
1000 m.	250	17	210	13	200	17	220	12	210	9	300	4	260	25	270	18	310	10	260	5		
1500 m.	250	15	210	16	210	16	250	16	280	15	280	8	260	29	270	28	280	12	230	13		
2100 m.	220	15			220	21	220	20	260	20	240	14	260	64			280	16	240	7		
2400 m.	220	19			220	21	200	23	270	26	250	24	260	39			280	17	310	13		
3000 m.	230	29			220	23	190	14	260	13			240	24					250	20		
4000 m.	240	35			240	35																
5000 m.	240	42			240	42																
6000 m.	240	54			240	51																

STATION			Alex. (A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga							
DATE			4-1		4-1		4-1		4-1		4-1		4-1		4-1							
TIME			2		2		2		3		2		5		4							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.			260	20	170	8	320	5	360	11	270	19	300	9	10	6						
600 m.			270	20	300	11	320	14	340	12	270	18	310	12	300	3						
1000 m.			260	20	290	16	320	19	320	9	270	23	320	14	300	16						
1500 m.			260	20	270	19	290	12	300	10	260	16										
2100 m.									270	15	260	13										
2400 m.									270	15	280	8										
3000 m.											250	33										
4000 m.											240	31										
5000 m.																						
6000 m.																						

STATION	S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Dakhla		Kharga		Hurghada	
DATE	4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	240	35	240	22	190	14	170	9	200	5	340	3	260	20	280	9	300	6	10	5	320	9
600 m.	250	37	240	20	230	18	190	13	320	5	320	6	260	23	250	8	300	12	340	10	300	10
1000 m.	260	20	240	19	230	16	210	19	260	10	320	8	260	24	240	18	290	15	320	10	220	3
1500 m.	250	22	240	18	220	9	210	18	280	23	270	15	280	21	250	30					190	9
2100 m.	230	22			200	12	170	8			260	31	240	23	260	29					250	12
2400 m.							160	9					230	23	250	25					250	24
3000 m.							170	11					250	30	250	38					260	15
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	3-1					3-1														
TIME	14					15														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	19				25	15													
1000 mb.	113	19		220	10	97	13		300	5										
950 mb.																				
900 mb.																				
850 mb.	1474	8		210	16	1415	4		250	13										
800 mb.																				
700 mb.	3053	1		220	23	2988	-4		230	29										
600 mb.																				
500 mb.	5672	-17		240	45	5572	-19		240	51										
400 mb.	7305	-28		240	70	7187	-33		240	60										
300 mb.	9304	-43		240	74	9147	-46													
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 4th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:
Weather continues to be mild by day, cold during night. Moderate W/SW winds. Mainly clear. In Upper Egypt: Light variable winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 4 52 U.T. Sunset 15 08 U.T.

All Times are Universal Times (U.T.) (Two hours slower than local time)

At 1200 on 3rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLÛM											
	303	SÎDI BARRÂNI											
	306	MATRÛH (A)											
	309	EL DABAA											
	319	ALEXANDRIA	180	6	20		0	0	—	12.0	18	10	60
	318	ALEXANDRIA (A)	190	6	12	02	0	0	—	11.4	19	10	56
	330	DAMIETTA	140	2	20	01		1	Ac	13.1	18	10	60
	333	PORT SAID (A)	120	10	20	03	1	5	ci	12.8	17	9	60
	336	EL ARISH											
Lower Egypt	339	DAMANHÛR	180	5	20	02	0	0	—	12.6	20	11	56
	342	MANSÛRA	130	4	4	00	0	0	—	12.4	20	11	56
	348	TANTA	180	6	20	02	0	0	—	12.5	20	8	46
	360	SHEBIN EL KÔM	320	5	20	[illegible]	1	1	cu	12.4	20	3	33
	354	ZAGAZIG	00	0	20	02	0	0	—	11.2	22	13	57
	441	ISMAILIA											
Cairo Area	366	CAIRO (A)	20	10	12	01	0	0	—	13.3	20	6	41
	372	CAIRO ALMAZA (A)	20	12	25	02	0	0	—	12.6	20	5	38
	374	CAIRO EZBEKIYA											
	375	GIZA	230	6	10	02	0	0	—	13.2	19	7	46
	378	HELWAN	180	8	20	02	0	0	—	12.9	19	7	46
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	13.0	19	10	56
	387	MINYA (A)	220	10	[illegible]	02	0	0	—	13.5	20	5	38
	393	ASYÛT (A)	360	3	14	[illegible]	0	0	—	13.0	20	6	38
	399	NAG HAMADI											
	402	QENA	90	2	20	03	1	0	—	13.9	20	11	56
	405	LUXOR (A)											
	414	ASWÂN											
Oases	417	SÎWA											
	420	BAHARÎYA	220	11	20	02	0	0	—	12.0	21	10	50
	423	FARAFRA	280	10	12	07	0	0	—	14.3	19	-3	23
	432	DAKHLA	00	0	20	03	1	4	ci	15.1	21	7	41
	435	KHARGA	190	2	22	03	1	2	ci	13.0	21	6	38
Red Sea	450	SUEZ	180	12	50	02	0	2	cu	13.1	19	9	52
	459	TÔR											
	462	HURGHÂDA	10	11	22	02	0	1	cu, ci	13.3	21	11	53
	465	QUSEIR	50	10	20	[illegible]	0	2	ci	12.9	23	12	50
	641	PORT SÛDÂN	50	7	20	01	0	1	Sc	10.4	26	19	66
North Sudan	600	WÂDI HALFA	300	[illegible]	20	01	0	1	ci	15.6	23	1	24
	640	ABU HAMAD	00	0	24	02	0	1	Ac	9.1	27	5	25
	660	KAREIMA	50	4	21	03	1	4	Ac	9.9	27	5	25
	680	ATBARA	350	8	20	01	2	4	ci	7.1	30	5	21
	721	KHARTOÛM	20	11	20	02	2	7	cs	6.8	30	7	24
	730	KASSALA	20	6	20	03	1	7	cs	3.2	35	11	23
Central Sudan	751	WÂD MEDANI	360	7	20	02	0	7	ci	5.3	33	9	23
	801	RENK	310	5	20	02	0	2	Ac	5.0	35	12	25
	802	ROSEIRES	50	5	20	02	0	1	ci	9.5	38	10	18
	771	EL OBEID	20	6	20	03	1	6	cs	5.7	30	4	19
	760	EL FASHER	180	6	24	02	0	7	cs	6.2	31	2	16
	770	GENEINA	180	2	30	02	1	4	ci	5.8	33	5	17
S. Sûdân	840	MALAKÂL	40	6	20	03	0	2	Ac, ci	5.1	33	10	24
	880	WÂU	330	9	20	02	0	0	—	4.2	33	20	25
	941	JUBA	80	3	20	04	1	5	cu	1.8	35	-1	29

At 1800 on 3rd

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 Hr.
62300	SALLÛM	250	28	10	02	0	0	—	10.1	13	-8	18	-1	22	0
303	SÎDI BARRÂNI	230	13	12	02	0	0	—	10.3	11	5	15		67	0
306	MATRÛH (A)	210	6	14	02	0	0	—	11.1	13	6	18		63	0
309	EL DABAA	270	8	10	60	0	0	—	10.9	12	5	20		63	0
319	ALEXANDRIA	180	11	20	02	0	0	—	11.9	15	7	19	0	59	0
318	ALEXANDRIA (A)	120	8	12	02	0	0	—	11.1	14	8	20	+1	67	0
330	DAMIETTA	140	2		00	0	0	—	13.0	14	12	19	0	88	0
333	PORT SAID (A)														
336	EL ARISH														
339	DAMANHÛR	180	2	10	02	0	0	—	11.0	12	10	21	+1	88	0
342	MANSÛRA	00	0		02	0	0	—	12.2	14	5	21	+1	55	0
348	TANTA	180	5	20	02	0	0	—	13.0	14	5	21	+1	55	0
360	SHEBIN EL KÔM	340	2	10	00	0	1	Sc	13.0	12	5	21		63	0
354	ZAGAZIG	00	0	10	02	0	0	—	12.7	14	11	23	+3	82	0
441	ISMAILIA														
366	CAIRO (A)	170	2	12	02	0	0	—	12.9	14	5	20		55	0
372	CAIRO ALMAZA (A)	160	8	12	02	0	0	—	12.8	14	4	20	+1	52	0
374	CAIRO EZBEKIYA											22	+2		
375	GIZA	220	4	10	02	0	0	—	13.4	14	6	20	-1	59	0
378	HELWAN	180	5	10	02	0	0	—	13.1	15	4	19	-1	48	0
381	FAYOÛM	360	4	20	02	0	0	—	12.6	12	8	20	-1	77	0
387	MINYA (A)	160	4	7	02	0	0	—	13.9	12	5	20	0	63	0
393	ASYÛT (A)	170	3	10	02	0	0	—	14.4	15	-2	23	+2	32	0
399	NAG HAMADI	00	0		02	1	4	Ac, ci	14.3	12	10	21	-1	88	0
402	QENA	00	0		00	0	0	—	14.8	11	9	22	-1	88	0
405	LUXOR (A)														
414	ASWÂN	00	0	10	01	0	2	ci	13.1	18	5	25	+2	43	0
417	SÎWA	280	6	13	02	0	0	—	18.1	11	0	18	-2	47	0
420	BAHARÎYA	270	1	10	02	0	0	—	14.5	11	4	21	+1	63	0
423	FARAFRA	00	0	12	02	0	0	—	16.3	12	-1	20		41	0
432	DAKHLA	290	8	6	02	1	0	—	16.2	15	-3	23	+1	30	0
435	KHARGA	00	0	7	02	0	0	—	14.0	11	4	23	+1	63	0
450	SUEZ	00	0	10	01	0	0	—	12.8	15	9	21	+1	68	0
459	TÔR														
462	HURGHÂDA	250	1	10	02	0	0	—	13.9	15	4	22	+1	48	0
465	QUSEIR	290	4	20	01	1	0	—	13.2	20	14	23	0	69	0
641	PORT SÛDÂN	40	1	20	01	2	4	Sc	12.1	25	20	27		74	0
600	WÂDI HALFA	20	6	20	01	0	0	—	17.0	17	-1	24		30	0
640	ABU HAMAD	360	2	24	01	0	0	—	11.3	21	1	29		27	
660	KAREIMA	40	7	21	01	1	1	ci	11.3	21	-3	32		20	0
680	ATBARA														
721	KHARTOÛM			20	01	1	0	—	9.4	25	8	31		34	0
730	KASSALA											35			
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	50	2	20	01	2	2	ci	8.6	23	5	32		32	0
760	EL FASHER														
770	GENEINA											35			
840	MALAKÂL											35			
880	WÂU														
941	JUBA	90	1	20	03	1	2	cu, ci	3.6	29	15	38		43	0

At 0600 on Friday 4th January 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLÛM	260	17	16	02	0	0	—	9.7	-8.0	9	-8	8	-1	29	0	144	
303	SÎDI BARRÂNI	[illegible]	5	15	02	0	0	—	9.7		8	1	7		62	0	99	
306	MATRÛH (A)	200	17	16	[illegible]	[illegible]	0	—	11.8	-6.8	6	5	6		93	0	87	
309	EL DABAA	[illegible]	[illegible]	10	[illegible]	0	0	—	11.6		7	2	5		71	0	75	
319	ALEXANDRIA	[illegible]	10	20	02		0	—	11.8	-7.2	11	4	9	-2	63	0	107	113
318	ALEXANDRIA (A)	240	14	[illegible]	02	0	0	—	12.6	-5.3	10	4	9	-1	67	0	62	74
330	DAMIETTA	200	2	10	00	0	0	—	13.4	-4.6	13	3	5	-4	51	0	112	43
333	PORT SAID (A)	350	14	10	02	0	0	—	13.5	-4.5	11	6	10	-2	71	0		
336	EL ARISH																	
339	DAMANHÛR	230	5	10	02	0	0	—	13.3		8	3	6	-2	71	0	69	39
342	MANSÛRA	330	6		[illegible]	[illegible]	0	—	13.3		6	2	5	-3	87	0	39	17
348	TANTA	180	5	20	[illegible]	0	0	—	14.7	-4.4	8	3	5	-2	71	0	28	14
360	SHEBIN EL KÔM	40	5	10	00	0	0	—	14.6	-4.6	8	3	8		71	0	24	
354	ZAGAZIG	140	2	10	02	0	0	—	13.6	-5.5	8	3	8	+1	71	0	21	10
441	ISMAILIA																	
366	CAIRO (A)	120	12	12	02	0	0	—	14.1		10	-1	8		47	0	14	
372	CAIRO ALMAZA (A)	160	11	15	02	0	0	—	14.4	-4.6	10	0	8	-1	50	0	15	
374	CAIRO EZBEKIYA										10	2	9	+1	58	0	18	9
375	GIZA	200	3	10	02		0	—	15.1	-4.5	8	3	8	+2	70	0	19	10
378	HELWAN	160	6	10	02	0	0	—	15.2	-4.4	9	-2	8	-1	50	0	12	9
381	FAYOÛM	360	4	20	02	0	0	—	15.8		8	2	5	-1	66	0	6	3
387	MINYA (A)	160	5	7	02	0	1	ci	16.6	-3.6	6	1	7	-2	71	0	dr	
393	ASYÛT (A)	00	0	12	03	0	3	ci	17.1	-3.1	9	-2	7	0	47	0	0	
399	NAG HAMADI	00	0		03	2	2	cu	17.2	-2.6	10	6	5	-1	76	0	1	
402	QENA	270	2	10	03	1	0	—	17.1	-1.9	10	6	5	-2	76	0	dr	
405	LUXOR (A)	00	0	30	00	0	0	—	16.4	-2.9	10	3	6		62	0	0	
414	ASWÂN	00	0	15	03	0	2	ci	15.8	-3.3	12	5	6	-5	63	0	0	
417	SÎWA	280	2	14	02	0	0	—	16.7	-4.0	4	-2	3	-1	65	0	19	5
420	BAHARÎYA	220	1	10	02	0	0	—	15.6	-4.7	7	0	2	-3	62	0	2	4
423	FARAFRA	180	1	14	02	0	0	—	17.5		4	-7	3		46	0	0	
432	DAKHLA	270	1	9	03	0	7	Ac, ci	18.0	-2.6	6	-6	3	-2	42	0	1	
435	KHARGA	00	0	8	03	1	7	ci	15.6	-3.8	8	2	4	-3	66	0	3	
450	SUEZ	00	0	20	00	0	0	—	14.3	-4.6	10	6	5	-5	76	0	14	9
459	TÔR																	
462	HURGHÂDA	260	5	22	02	2	0	—	14.2	-3.3	12	2	8	-2	51	0	dr	
465	QUSEIR			20	03	0	5	Ac, ci	14.5	-3.2	16	4	12	-2	45	0	0	4
641	PORT SÛDÂN	330	2	20	03	2	6	Sc	13.5		25	19	22		70	0		
600	WÂDI HALFA	00	0	20	03	0	1	ci	16.3		9	-1	7		50	0		
640	ABU HAMAD	360	5	21	02	0	0	—	12.9		17	2	15		37			
660	KAREIMA																	
680	ATBARA	350	6	20	02	0	0	—	11.9		19	7	16		46	0		
721	KHARTOÛM	350	12	20	02	0	0	—	10.7		19	-2	17		24	0		
730	KASSALA	00	0	20	02	0	0	—	9.9		21		17		74	0		
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID	350	5	20	01	0	0	—	12.1		17		12		26	0		
760	EL FASHER																	
770	GENEINA	90	6	50	02	0	0	—	13.8		16	-2	13		30	0		
840	MALAKÂL	30	16	20	03	1	6	Ac	10.1		25	6	20		30	0		
880	WÂU																	
941	JUBA	270	1	24		6	7	cu, Ac	9.7		25	21	21		79	0		

RETARDS — DATE

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla		Kharga		Hurghada			
DATE	4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1		4-1			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	23	240	10	260	10	300	3	320	6	250	16	270	17	310	18	190	2	360	12		
600 m.	260	27	250	13	250	16	280	4	330	7	250	17	270	16	300	32	270	4				
1000 m.	260	12	260	13	250	15	310	5	310	9	250	19	260	17	290	23	240	10	270	6		
1500 m.	260	30	250	13	250	22	300	15	280	8	260	30	270	24			270	24	270	12		
2100 m.	250	23			260	30	280	23	280	14	240	43	280	19					270	24		
2400 m.	200	15					270	27	280	12			270	30					260	34		
3000 m.	250	27											270	63					240	40		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga								S. Barrani	
DATE	5-1		5-1		5-1		5-1		5-1		5-1		5-1								5-1	
TIME	2		2		2		3		3		5		4								8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	23	140	12	300	8	360	12	210	15	270	11	320	3							10	4
600 m.	240	23	190	12	350	7	360	13	210	16	270	11	300	8							340	6
1000 m.	240	20	220	13	320	3	320	13	210	16	270	8	310	6							350	9
1500 m.	240	23	240	12	310	6	260	16	210	16			280	20							320	13
2100 m.							200	16	220	25											320	13
2400 m.									210	30											300	14
3000 m.																					320	12
4000 m.																					270	13
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Aswan		Bahariya		Dakhla		Kharga		Hurghada		Siwa		Luxor		Cairo (A)	
DATE	5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	19	250	10	240	15	320	6	240	11	320	5	270	2	300	11	310	13	210	4	220	16
600 m.	250	20	250	17	240	16	320	7	250	8	260	11	280	6	300	9	300	17	270	4	240	19
1000 m.	250	22	240	17	240	16	310	5	270	17	270	18	280	9	290	10	300	17	300	11	250	23
1500 m.	240	19	250	24	250	23	320	5	270	32	250	12	250	12	280	34	300	13	300	21	230	27
2100 m.			240	26	260	33	330	11	270	30	260	13			250	10	300	16	320	17	250	19
2400 m.			260	31	260	33			290	37					250	25	300	21	310	20	250	18
3000 m.			270	24					280	43					260	34	280	19	320	21		
4000 m.																	280	20				
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 5th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. remains below normal all over the Republic; another fall in temp. expected tomorrow. Mod./fresh SW/W winds in Lower Egypt & Cairo, light NW winds in Upper Egypt. Mainly clear except for some low clouds over western coast.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 52 U.T. / " " Sunset 15 09 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 4th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
SALLOUM	250	22	18	02	0	1	cu	8.3	17	-6	20
SIDI BARRANI	250	16	18	02	0	0	—	9.0	16	7	56
MATRUH (A)	220	22	16	02	0	2	Sc	10.3	17	1	34
EL DABA'A	220	8	20	00	0	0	—	11.7	17	1	34
ALEXANDRIA	220	22	20	03	0	1		12.2	16	5	49
ALEXANDRIA (A)	270	18	12	02	0	0	—	11.7	18	5	43
DAMIETTA	200	2	20	02	0	0	—	12.5	16	5	49
PORT SA'ID (A)	250	13	15	02	0	0	—	11.9	16	5	49
EL 'ARISH											
DAMANHUR	230	9	10	02	0	0	—	12.4	17	6	49
MANSURA	180	9		02	0	1		12.7	17	4	42
TANTA	210	10	20	02	0	0	—	13.4	17	4	42
SHEBIN EL KOM	40	9	20	01	1	2	cu	13.0	18		
ZAGAZIG											
ISMA'ILIA											
CAIRO (A)	210	16	12	02	0	0	—	13.3	16	-2	30
CAIRO ALMAZA (A)	200	16	16	02	0	0	—	12.8	17	-2	28
CAIRO EZBEKIYA											
GIZA	240	7	10	02	0	0	—	13.4	16	2	39
HELWAN	200	12	10	02	0	0	—	13.0	16	-1	32
FAYOUM	360	4	20	02	0	0	—	13.5	17		
MINYA (A)	260	8	9	02	0	0	—	14.5	19	-4	21
ASYOUT (A)	270	4	15	02	0	0	—	14.2	20	-2	23
NAG' HAMADI	00	0		02	0	3	Ac, cs	15.1	21	4	33
QENA	290	3	20	00	0	0	—	14.3	20	3	33
LUXOR (A)	260	4	22	02	0	0	—	13.6	21	4	33
ASWAN											
SIWA	260	17	14	02	0	0	—	11.6	18	-4	22
BAHARIYA	290	12	10	02	0	0	—	13.3	18	6	46
FARAFRA	270	12	12	07	0	0	—	14.6	20	-5	18
DAKHLA	290	7	15	01	1	1	ci	16.2	19	-9	15
KHARGA	90	1	12	01	2	2	ci	14.0	21	0	25
SUEZ	40	6	50	02	0	0	—	13.4	18	3	37
TOR											
HURGHADA	10	15	12	02	2	1	ci	12.3	20	5	38
QUSEIR	340	8	20	01	1	4	ci	12.9	22	10	47
PORT SUDAN											
WADI HALFA	30	14	20	02	0	1	Ac	12.6	23	-3	18
ABU HAMAD	40	2	24	02	0	0	—	8.8	27	6	27
KAREIMA	20	2	21	02	0	1	ci	10.9	28	0	16
ATBARA	340	7	20	02	0	0		6.4	30	6	22
KHARTOUM	40	7	20	02	0	0	—	6.8	31	5	19
KASSALA	30	4	20	02	0	0	—	3.6	35	15	30
WAD MEDANI	300	9	20	02	0	0	—	5.3	33	3	15
RENK	310	5	20	02	0	0	—	7.4	33	9	23
ROSEIRES	310	5	20	02	0	1	ci	2.8	36	9	19
EL OBEID	90	4	20	02	0	0	—	5.9	31	2	16
EL FASHER	20	3	24	01	1	2	ci	5.2	32	2	15
GENEINA	270	3	50	02	0	0		6.2	33	0	12
MALAKAL											
WAU	90	6	20	02	2	6	cu, cs	5.4	34	14	30
JUBA	320	5	24	15	2	6	ch, ac, ci	6.2	31	19	49

At 1800 on 4th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	320	22	14	01	0	0	—	8.7	13	-10	17	-2	19	0
SIDI BARRANI	210	13	12	01	0	1	Sc	9.0	10	5	17		71	0
MATRUH (A)	120	13	10	02	0	0	—	10.7	10	2	17		58	0
EL DABA'A	200	2		00	0	0	—	11.8	9	4	17		71	0
ALEXANDRIA	220	12	20	01	0	0	—	12.2	13	4	16	-3	55	0
ALEXANDRIA (A)	230	9	12	03	0	4	Sc	11.6	12	4	18	0	59	0
DAMIETTA	200	2		02	0	0	—	12.6	10	8	16	-3	88	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	180	2	10	02	0	0	—	12.0	13	4	19	-1	55	0
MANSURA	00	0		02	0	0	—	12.4	11	4	17	-3	63	0
TANTA	220	2	20	02	0	0	—	13.1	9	4	18	-2	71	0
SHEBIN EL KOM	320	2	10	00	0	0	—	13.0	12	3	18		55	0
ZAGAZIG	00	0	10	02	0	0	—	12.2	12	8	19	-1	77	0
ISMA'ILIA														
CAIRO (A)	190	8	10	03	0	0	—	13.5	12	2	17		51	0
CAIRO ALMAZA (A)	170	6	15	02	0	0	—	13.0	12	0	18	-1	44	0
CAIRO EZBEKIYA											19	-1		
GIZA	00	0	5	02	0	0	—	13.2	8	2	18	-1	66	0
HELWAN	180	5	10	02	0	0	—	13.8	12	0	16	-3	44	0
FAYOUM	360	4	20	02	0	0	—	12.3	10	3	18	-3	62	0
MINYA (A)	190	3	8	02	0	0	—	14.8	9	-2	19	-1	47	0
ASYOUT (A)	180	5	10	02	0	0	—	15.0	14	8	20	-1	67	0
NAG' HAMADI														
QENA														
LUXOR (A)														
ASWAN	330	2	10	02	0	1	ci	13.2	17	3	21	-2	39	0
SIWA	260	6	14	02	0	0	—	12.1	10	0	19	-1	50	0
BAHARIYA	270	2	10	02	0	0	—	14.1	10	2	19	-1	58	0
FARAFRA	280	3	12	02	0	0	—	15.6	12	-7	20		26	0
DAKHLA	190	3	7	02	0	0	—	16.3	14	-10	20	-2	18	0
KHARGA	00	0	8	02	0	0	—	14.7	10	1	22	0	54	0
SUEZ	270	7	10	02	0	0	—	15.0	16	1	20	0	36	0
TOR														
HURGHADA	00	0	10	02	0	1	ci	13.0	17	2	21	0	37	0
QUSEIR		3	20	01	0	0	—	12.3	18	10	24	+1	60	0
PORT SUDAN	360	4	20	02	2	7	Sc	11.9	26	23	28		84	0
WADI HALFA	360	10	20	01	1	1	Ac	14.3	17	-3	25		26	0
ABU HAMAD	360	5	24	01	2	4	Ac	10.2	23	2	29		26	0
KAREIMA	340	1	21	01	1	0	—	11.0	21	-7	29		15	0
ATBARA	340	4	20	02	0	0	—	9.1	25	5	31		28	0
KHARTOUM	340	6	20	02	1	0	—	7.6	27	4	32		23	0
KASSALA	10	1	20	02	0	0	—	6.4	25	15	35		54	0
WAD MEDANI														
RENK														
ROSEIRES														
EL OBEID	30	5	20	02	0	0	—	9.0	22	5	32		33	0
EL FASHER	60	5	20	02	0	1	Ac	7.4	26	5	34		27	0
GENEINA	00	0	50	02	0	0	—	8.3	23	6	34		34	0
MALAKAL	350	5	20	04	1	2	Ac	8.5	26	12	36		42	0
WAU	00	0	20	02	2	6	Ac, As	7.3	28	15	38		45	0
JUBA	310	1	24	13	9	1	ch	6.8	26	18			62	0

At 0600 on SATURDAY 5TH JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
SALLOUM	270	15	14	03	0	3	Sc, ci	9.7	-8.0	11	3	9	0	58	0	146	
SIDI BARRANI	210	12	15	03	0	6	ch, Ac	8.7		9	8	6		94	0	99	
MATRUH (A)	200	15	16	02	0	2	Sc	10.6	-8.0	7	2	6		71	0	87	
EL DABA'A	200	6	10	00	0	0	—	10.8		6	1	4		71	0	75	
ALEXANDRIA	220	10	20	02	0	0	—	12.6	-6.4	10	3	7	-4	62	0	107	105
ALEXANDRIA (A)	220	11	12	01	0	0	—	12.0	-5.9	9	3	6	-4	67	0	82	75
DAMIETTA	200	5	10	00	0	0	—	13.0	-5.0	7	2	4	-5	71	0	112	44
PORT SA'ID (A)	360	15	8	02	0	0		12.4	-5.6	4	4	10	-2	63	0		
EL 'ARISH																	
DAMANHUR	130	2	10	02	0	0	—	12.7	-5.9	8	3	5	-3	71	0	50	40
MANSURA	00	0		00	0	0	—	12.8	-5.7	5	2	4	-4	81	0	29	17
TANTA	200	5	20	02	0	0	—	13.8	-5.3	7	0	4	-3	62	0	28	15
SHEBIN EL KOM	200	2	10	00	0	0	—	13.5	-6.7	8	3	7		71	0	24	
ZAGAZIG	220	1	10	02	0	0	—	12.9	-6.2	10	8	6	-1	88	0	21	10
ISMA'ILIA																	
CAIRO (A)	180	14	12	02	0	0	—	13.6		10	0	9		50	0	14	
CAIRO ALMAZA (A)	160	8	15	02	0	0	—	13.5	-5.5	10	-4	9	0	88	0	18	
CAIRO EZBEKIYA										10	2	8	0	58	0	18	9
GIZA	180	5	6	02	—	0	—	13.8	-5.3	8	1	6	0	62	0	19	10
HELWAN	160	9	10	02	0	0	—	14.4	-5.2	8	3	7	-2	66	0	12	9
FAYOUM	330	4	20	02	0	0	—	15.0	-4.4	7	0	4	-2	62	0	6	3
MINYA (A)	190	7	8	02	0	0	—	15.7	-4.5	6	1	3	-2	71	0	45	
ASYOUT (A)	00	0	12	03	1	5	ci	16.2	-4.0	8	6	4	-3	88	0	0	
NAG' HAMADI	00	0		01	2	5	As, ci	15.8	-4.0	10	-4	4	-2	38	0	1	
QENA	00	0	10	03	1	2	ci	16.5	-2.5	8	4	2	-5	76	0	40	
LUXOR (A)	00	0	22			2	ci	16.2	-2.1	8	3	3		71	0	0	
ASWAN	00	0	12	03	0	3	Ac	16.4	-2.7	12	2	8	-3	51	0	0	
SIWA	280	10	14	01	1	3	ch	13.2	-7.5	9	4	7	+3	71	0	19	5
BAHARIYA	220	2	20	02	0	0	—	14.7	-5.6	8	2	3	-2	66	0	2	4
FARAFRA	220	4	15	03	0	2	As	17.4		6	-4	3		49	0	0	
DAKHLA	180	2	14	03	0	4	Ac, As, ci	18.8	-1.8	3	-7	0	-5	48	0	1	
KHARGA	00	0	6	03	1	7	ci	18.8	-2.6	7	-1	3	-4	57	0	3	
SUEZ	00	0	20	00	0	0	—	14.3	-4.6	12	5	7	-3	63	0	14	9
TOR																	7
HURGHADA	290	13	20	02	0	2	Ac, ci	14.4	-3.1	12	-4	7	-3	33	0	45	
QUSEIR	300	20	20	03	0	5	Sc, Ac, cc	15.1	-2.6	16	-11	13	-1	15	0	0	4
PORT SUDAN	340	14	20	03	1	7	Sc, As	11.7		25	19	23		70	0		
WADI HALFA	310	2	[illegible]	03	0	4	Ac	14.5		11	-3	9		[illegible]	0		
ABU HAMAD	360	9	24	02	0	0	—	12.7		18	-3	16		24	0		
KAREIMA	00	0	21	02	0	0	—	13.2		16	-3	13		28	0		
ATBARA																	
KHARTOUM	340	9	18	05	0	0	—	10.9		19	1	16		30	0		
KASSALA																	
WAD MEDANI																	
RENK	310	2	20	02	0	0	—	12.1		21	10	15		60	0		
ROSEIRES	230	2	20	02	0	1	ci	10.2		23	9	19		41	0		
EL OBEID	360		20	03	0	2	ci	11.4		19	10	13		56	0		
EL FASHER																	
GENEINA	90	6	50	02	0	1	cs	13.9		15	-3	13		30	0		
MALAKAL																	
WAU	70	12	20	02	2	7	Ac, As	12.7		23	16	17		65	0		
JUBA																	

Area	Index Number	Station
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MATRUH (A)
	309	EL DABA'A
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSURA
	348	TANTA
	360	SHEBIN EL KOM
	354	ZAGAZIG
	441	ISMA'ILIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYA
	375	GIZA
	378	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOUT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	428	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOUM
	730	KASSALA
CENTRAL SUDAN	751	WAD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Dakhla		Kharga		Hurghada			
DATE	5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1		5-1			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	4	220	14	240	17	350	6	30	3	300	6	270	46	240	6	220	7	10	20		
600 m.	240	7	220	14	240	16	190	10	320	2	300	14	260	27	250	13	220	7	20	17		
1000 m.	220	10	230	14	250	17	190	11	310	5	320	21	260	32	260	12	230	10	320	15		
1500 m.	260	11	250	15	240	13	190	14	290	10	310	18	270	43	260	26	260	8	250	15		
2100 m.	240	17	250	17	270	17	180	23	260	25	290	16	260	48					250	20		
2400 m.	240	17	250	19	280	23	180	20	260	26	270	15	260	28					250	20		
3000 m.			260	19	280	27	200	17	260	36									260	42		
4000 m.			270	29																		
5000 m.			270	33																		
6000 m.			270	40																		

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Kharga		Hurghada		Hurghada	
DATE	6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1	
TIME	2		2		2		2		3		2		4		5		4		5		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	220	5	260	7	220	3	300	11	10	13	330	10	240	10	320	9	360	11	320	21	320	20
600 m.	300	4	270	10	220	2	320	12	360	11	310	12	250	10	320	9	360	13	320	17	320	18
1000 m.	310	9	280	12	220	2	310	19	360	11	320	14	320	20	300	7	350	8	290	10	310	10
1500 m.	350	14			260	5	260	15	280	10	310	10	290	24	300	7	340	6	220	7	200	9
2100 m.	10	8			280	8	300	12			320	14	290	23	310	10			280	11	200	9
2400 m.	350	9			260	10	280	15			310	13	300	21	310	9			260	13	260	14
3000 m.	340	16					250	21			290	11			280	9			250	38	260	21
4000 m.											270	13			280	10						
5000 m.															260	23						
6000 m.																						

STATION	Matruh		Alex. (A)		Cairo (A)		Heliopolis		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga	
DATE	6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1	
TIME	8		8		8		6 15		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	17	330	4	150	5	160	12	200	3	320	20	330	3	10	11	290	13	310	9	20	7
600 m.	10	20	340	12	220	2	170	9	210	3	330	4	350	8	20	7	300	11	330	12	10	5
1000 m.	30	18	30	10	180	3	250	12	290	10	290	5	350	9	350	8	340	7	360	10	330	3
1500 m.	20	24	40	9	250	5	280	14			300	7	270	20	300	25	300	23	330	10	340	6
2100 m.	360	12	360	11	280	10	280	11			320	10	250	10			290	18	320	14	340	10
2400 m.			350	10	210	15					280	9	260	8			280	13	180	8	270	21
3000 m.					270	23					270	13	260	5			290	11				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Cairo (A)					Matruh									
DATE	5-1					6-1					6-1									
TIME	14					3, 15					3									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				70	12				25	14								
1000 mb.	121	16		220	14	138	12		190	9	139	13								
950 mb.																				
900 mb.																				
850 mb.	1474	4		250	15	1471	1		260	13	1483	4								
800 mb.																				
700 mb.	3026	-4		260	19	3020	-5		260	16	3036	-5								
600 mb.																				
500 mb.	5597	-22		270	38	5565	-25		260	38	5590	-23								
400 mb.	7204	-29		260	116						7173	-37								
300 mb.	9213	-42									9123	-40								
200 mb.											11770	-52								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 6th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. or land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. or land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. continues below normal. Mod. N/NW winds in Cairo & Lower Egypt; light NW in Upper Egypt. Low & medium clouds, increasing near the coast in the west. Chance for rain on the W. coast and scattered places N. of Delta.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 5th	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	At 1800 on 5th: Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar Pressure mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms
20	2	16	25	8	8	cu, sc	11.5	15	8	63	00	0	10	02	2	7	cu	14.5	13	5	18	-1	59	8
20	7	18	02	0			10.6	16	-2	77	360	10	12	02	5	5	cu, sc, Ac	12.5	14	10	16		77	Rain
330	9	16	03		2	sc	11.0	14	9	72	260	2	12	03	1	5	sc	13.8	11	9	16		88	0
250	4	18	00	0	4	cu	10.6	16	5	49	00	0	4	00	0	0	—	13.5	9	2	17		62	0
220	12	20	02	0	0	—	12.3	16	3	42	00	0	20	02	0	0	—	14.0	13	7	17	-2	67	0
240	12	12	03	0	0	—	11.8	18	1	32	00	0	12	02	0	0	—	13.3	12	5	19	+1	63	0
200	5	20	02	0	0	—	12.4	17	4	42	20	20	4	00	0	0	—	13.6	15	7	17	-2	59	0
230	5	20	02	0	0	—	12.3	19	4	37	180	9	10	02	0	0	—	13.5	11	4	20	0	63	0
40	3	4	02	0	0	—	12.4	18	3	37	00	0		02	0	0	—	13.5	10	6	18	-2	76	0
220	5	20	01	1	0	—	13.5	18	6	46	00	0	20	02	0	0	—	14.2	9	4	19	-1	71	0
250	9	20	00	0	0	—	12.7	18	-1	28	250	2	10	00	0	0	—	13.2	12	5	19		63	0
220	1	20	02	0	0	—	12.2	19	7	46	00	0	10	02	0	0	—	12.9	12	8	20	0	77	0
220	12	18	02	0	2	ci	12.5	17	-1	30	180	10	10	02	0	1	Ac	14.4	12	2	18		51	0
190	16	16	02	0	1	ci	12.6	17	-2	28														
																					20	0		
260	8	10	02	0	3	ci	13.0	17	6	49	00	0	10	02	0	3	ci	14.4	11	4	18	-1	63	0
180	6	10	03	0	1	ci	13.3	16	1	36	180	8	4	05	1	5	ci	14.0	13	1	17	-2	44	0
270	4	20	02	1	3	St	13.6	16	2	39	00	0	20	01	0	0	—	14.4	13	7	18	-3	67	0
260	13	10	01	0	1	ci	14.1	19	2	32	180	3	8	01	0	1	ci	14.9	12	3	19	-1	55	0
260	9	20	02	0	1	ci	14.2	20	-5	18	00	0	10	01	0	3	Ac	15.8	14	1	20	-1	42	0
00	0	10	02	0	4	Ac, ci	15.0	20	3	23	00	0		03	2	5	Sc, ci	15.2	12	8	21	-1	77	0
290	3	20	02	1	3	ci	14.7	19	1	30	00	0	10	00	0	0	—	15.5	13	4	20	-3	55	0
20	3	20	02	0	1	ci	13.8	21	3	31														
360	2	14	02	0	3	Ac	13.9	22	-2	20	00	0	8	02	2	2	Ac	14.8	18	-2	22	-1	26	0
290	16	16	02	1	4	Sc, cu, ci	13.1	17	8	56	300	10	14	02	1	0	—	14.5	14	5	18	-2	55	0
270	9	20	02	2	5	Ac	12.8	18	10	60	320	2	10	02	1			14.6	13	9	19	-1	77	0
310	5	20	03	1	6	cu, Ac	15.0	20	3	33	320	5	12	01	2	5	Sc	17.0	14	5	20		55	0
340	5	20	02	1	3	Sc, ci	15.8	18	-1	28	250	4	5	02	2	5	Ac, ci	16.3	16	3	20	-2	42	0
310	2	20	03	1	3	ci	13.6	21	-1	23	00	0	10	01	2	3	Ac, ci	14.8	16	-2	22	0	30	0
60	10	30	03	0	2	cu	12.8	19	4	37	00	0	10	01	0	0	—	15.1	15	1	20	0	39	0
40	12	22	02	0	3	ci	13.2	20	6	41	220	6	10	02	0	3	Ac	14.2	13	4	21	0	55	0
270	4	20	01	1	3	Ac, cc	13.2	23	-3	18	110	2	20	03	1	6	Sc, Ac, ci	14.3	19	7	24	+1	46	0
30	12	20	03	0	2	Sc	8.9	28	25	84											29			
																					23			
360	2	20	02	0	0	—	8.7	28	9	31											29			
10	5	21	02	0	0	—	9.0	29	-3	12											30			
360	10	20	02	0	0	—	6.4	31	6	21														
320	5	20	02	0	0	—	5.6	31	5	19											33			
330	4	20	02	0	0	—	3.9	34	18	39											34			
310	4	20	02	0	0	—	6.1	33	6	19											34			
																					36			
140	3	20	02	0	1	ci	5.8	32	4	17											33			
110	8	30	01	1	2	ci	5.4	32	1	14											33			
190	6	30	02	0	1	ci	5.5	34	2	13											35			
230	1	20	02	2	5	Ac	7.2	32	12	30														
120	3	20	03	2	7	cu, Ac	5.2	34	15	32														
100	2	24	01	2	5	cu	5.5	34	15	32											35			

At 0600 on SUNDAY 6th JANUARY 1957	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
20	12	14	02	2	8	cu, sc	18.7	+1.0		15	9	11	+2	39	38	202	
20	21	15	02	2	7	sc	17.9			14	8	8		67	14	148	
110	7	16	50	5	7	cu	17.3	-1.3		13	10	8		82	4	131	
270	2	10	00	0	7	cu	16.3			11	9	6		88	1	96	
00	0	20	03	0	4	cu	16.6	-2.4		13	7	10	-1	59	0	128	107
240	6	12	02	0	2	Sc	16.0	-1.9		10	5	8	-2	71	0	85	77
200	2	10	00	0	0	—	16.3			10	6	4	-5	76	0	112	45
170	5	7	02	0	1	Sc	15.9	-2.1		12	7	9	-3	72	0		
180	2	10	03	0	2	cu	15.9	-2.7		10	6	6	-2	76	0	52	40
00	0		00	0	0	—	16.0	-2.5		7	5	5	-3	87	0	39	18
00	0	20	02	0	0	—	16.4	-2.8		8	3	4	-3	71	0	29	15
320	2	10	00	0	0	—	16.0	-3.2		12	8	9		77	0	24	
220	1	10	02	1	3	As	14.6	-4.5		10	6	6	-1	76	0	23	10
180	10	13	02	2	7	cu	16.5			12	7	10		72	0	14	
170	8	12	02	2	7	sc	16.2	-2.8		12	5	11	+2	63	0	15	
										12	7	9	+1	72	0	18	9
200	3	6	02		7	sc	17.0	-2.6		11	6	9	+3	55	0	19	11
00	0	20	02	2	7	Ac	16.8	-2.8		11	4	10	+1	63	0	12	10
330	4	20	02	2	7	St	17.2	-2.2		11	7	8	+2	77	0	6	3
180	3	20	03	1	3	Ac, ci	17.5	-2.7		7	3	5	0	76	0	dr	
00	0	14	03	2	3	Ac, cu	17.6	-2.6		12	3	10	+3	55	0	0	
00	0		03	2	6	cu, As	17.9	-1.9		12	5	9	+3	63	0	1	
00	0	10	03	1	7	Ac	17.5	-1.6		12	5	7	0	63	0	dr	
00	0	15	00	0	6	Ac	17.0	-2.3		12	4	8		59	0	0	
00	0	12	02	0	4	ci	16.4	-2.7		12	1	12	+1	47	0	0	
300	2	12		0	7	Ac	18.3	-2.4		8	6	6	+2	88	0	19	5
210	2	20	02	0	0	—	17.9	-2.4		8	6	6	+1	88	0	2	4
00	0	15	01	1	3	ci	19.6			10	4	10		67	0	0	
270	2	9	03	2	8	As, As	17.5	-3.1		12	4	2	-3	59	0	1	
00	0	6	02	2	8	Sc	17.1	-2.3		12	6	4	-2	67	0	3	
00	0	20	00	0	6	Ac	16.6	-2.3		12	8	6	-4	77	0	17	9
300	10	20	02	2	7	Ac	15.6	-1.9		14	4	12	+2	52	0	dr	7
280	6	20	03	2	8	Sc, Ac, ci	15.7	-2.0		17	1	16	+4	34	0	0	4
340	13	20	02	2	6	Sc	13.3			25	19	23		70	0.6		
350	4	20	02	0	0	—	16.7			10	-1	8		47	0		
360	13	22	02	0	0	—	13.2			17	-4	15		24	0		
20	2	21	02	0	0	—	14.1			15	-3	15		30	0		
360	9	20	02	0	1	ci	11.6			19	0	16		28	0		
10	5	20	02	0	0	—	11.4			19	2	18		32	0		
00	0	20	03	0	1	ci	9.1			23	0	18		84	0		
360	5	20	02	0	0	—	11.8			19	5	13		40	0		
310	2	20	02	0	1	Ac	10.2			21	10	20		50	0		
20	6	20	03	0	1	Ac	11.7			19	-3	14		23	0		
60	4	22	03	0	3	ci	13.4			15	-2	14		32	0		
50	6	50	03	1	3	ci	14.1			16	-5	15		24	0		
00	0	20	03	2	6	cs	8.9			23	15			61	0		
180	1	24	03	0	1	Ac	10.1			27	18			62	0		

Area	Index Number	Station
Mediterranean	52300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANSÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	REN'K
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla		Kharga	
DATE	6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1		6-1	
TIME	15		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	30	11	20	12	280	4	290	5	300	4	360	12	350	13	330	7	320	23	280	9	340	10
600 m	20	14	20	15	280	5	230	9	260	6	350	11	350	19	30	11	330	28			340	12
900 m	10	16			250	5	230	16	280	10	350	13	10	20	40	15	330	19	340	6	340	14
1500 m	340	8			270	2	290	13	300	18	310	8	320	9	40	13	320	23	320	10	330	10
2100 m	310	7			280	9	280	13	280	14	300	13	280	4	100	8	320	13	330	24	290	5
2400 m	300	7			280	12			280	23	290	12	350	24	20	7	330	18	280	8	200	20
3000 m	270	11			280	15			270	14					10	6	330	21				
4000 m	350	12			260	20											310	23				
5000 m	340	11			260	22									60	11						
6000 m	340	12			250	30																

STATION	Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Kharga		Hurghada		Kharga		Hurghada	
DATE	7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1	
TIME	4,30		2		2		3		2		4		4,45		4		4		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
[illegible]	40	19	360	13	300	8	360	14	60	11	360	11	40	7	10	17	320	18	10	16	310	15
[illegible]	50	25	10	11	20	10	10	24	70	11	360	10	30	14	20	17	330	17	20	16	340	15
[illegible]	50	25	350	9	360	11	10	19	80	11			10	34	20	17	350	16	10	14	360	11
[illegible]	40	13	350	12	340	15	10	4	30	7			20	10			340	6	30	12	300	3
[illegible]	10	10	310	9	340	8			50	8			20	7			320	20			290	15
[illegible]	350	14	300	12	270	4							10	10			270	19			270	18
[illegible]	300	13			360	10											260	43			240	38
[illegible]	280	18															270	36			230	40
[illegible]	290	15																			210	49
[illegible]	260	26																				

[illegible]	Matruh		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
[illegible]	7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1	
[illegible]	8		8		8		8		8		8		8		8		8		8		8	
[illegible]	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
[illegible]	120	8	130	5	60	6	70	22	330	8	340	6	20	9	340	6	40	7	30	13	310	10
[illegible]	100	31	70	7	40	5	40	37	360	5	360	12	10	5	340	6	40	6	30	11	350	12
[illegible]	60	45	40	9	40	6	360	51	40	6	10	13	20	17	10	8	50	10	40	13	350	20
[illegible]			40	1	40	7	20	14	10	8	360	11	60	10	310	6	40	10	40	10		
[illegible]					20	12			10	10	280	4	40	11	290	28			10	10		
[illegible]					10	10			330	9	280	7	320	3	300	11			20	15		
[illegible]					20	9					220	16	290	23								

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

Cairo (A) 6-1 14					Matruh 6-1 15					Cairo (A) 7-1 4,30									
ALT. m	TEMP °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °c	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
70	17				25	13				70	10								
146	16		280	5	146	14		30	11	177	9		40	8					
1502	5		270	2	1508	3		340	8	1507	2		40	13					
3057	-5		280	15	3050	-6		340	11	3052	-5		300	13					
5615	-23		260	22	5591	-24		340	8	5625	-19		290	17					
7225	-32		250	75	7174	-36		350	9	7251	-28		250	82					
9219	-41		250	129	9111	-47		320	16	9259	-41		250	94					
11900	-54				11760	-54		270	49	11920	-55								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 7th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous " " " "	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	with or without fog
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less

1 Cloud covering more than ½ sky during part of the period

2 Cloud covering more than ½ sky throughout the period

3 Sandstorm or duststorm

4 Fog or thick haze

5 Drizzle

6 Rain

7 Snow or rain and snow

8 Shower (s)

9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. about normal. Low clouds over Lower Egypt & Cairo with possibility of rain over the coast. Mod. N^ly winds.

In Upper Egypt: Clear sky, mod. NE^ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 52 U.T. / " " Sunset 15 10 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
SALLOUM	40	6	18	01	2	7	cu,sc	19.6	16	2	39
SIDI BARRANI	10	15	18	03	1	5	sc,ac	19.1	16	8	59
MATRUH (A)	290	12	16	03	6	7	cu,sc	18.3	15	10	72
EL DAB'AA	40	10	20	00	0	7	ac	17.8	17	4	42
ALEXANDRIA	40	21	20	03	3	7	cu,sc	16.7	15	11	77
ALEXANDRIA (A)	20	20	10	80	0	7	cu,sc	16.4	16	11	72
DAMIETTA	220	2		50	5			16.0	13	13	97
PORT SA'ID (A)											
EL 'ARISH											
DAMANHUR	40	2	4	50	1	7	cb	15.8	16	10	68
MANSURA	00	0		03	1	6	sc,cu	15.4	17	9	60
TANTA	00	0	20	03	2	5	cu	15.0	17	9	60
SHEBIN EL KOM	250	5	20	01	1	2	cu	14.4	19	4	37
ZAGAZIG	00	0	20	03	1	4	cu	14.6	18	10	60
ISMA'ILIA											
CAIRO (A)	250	4	15	02	2	5	sc	16.0	16	9	64
CAIRO ALMAZA (A)	210	9	15	02	0	4	cu,sc	15.6	20	8	46
CAIRO EZBEKIYA											
GIZA	200	7	10	03	0	5	cu,sc	15.2	18	8	52
HELWAN	00	0	20	01	2	4	sc,cu	16.3	17	8	56
FAYOUM	330	4	20	01	1	2	st	16.0	17	11	68
MINYA (A)	320	9	8	01	1	2	ac,ci	16.8	19	7	46
ASYOUT (A)	340	1	14	02	2	7	ac	16.9	16	6	52
NAG' HAMADI	00	0		03	2	7	as	16.6	15	9	68
QENA	290	3	20	02	1	8	ac	16.3	17	7	52
LUXOR (A)	340	8	22	02	0	6	ac	15.2	19	8	49
ASWAN	250	11	15	03	1	4	ac	15.0	20	-4	19
SIWA	320	8	14	02	4	4	cu	18.4	18	9	56
BAHARIYA	290	5	10	02	0	0	—	16.7	18	10	60
FARAFRA	320	5	20	03	1	3	cu	18.4	18	4	40
DAKHLA	290	4	10	02	2	7	sc,ac	18.7	16	3	42
KHARGA	350	1	15	02	2	8	sc,cu,as	16.0	17	7	52
SUEZ	00	0	50	01	0	4	cu	15.4	18	8	52
TOR											
HURGHADA	320	10	20	02	2	7	ac,as	15.2	18	8	52
QUSEIR	350	10	20	04	2	8	sc,ac,ci	14.9	20	7	43
PORT SUDAN	10	9	20	03	6	7	sc	11.0	26	20	70
WADI HALFA	20	13	20	01	1	0	—	13.2		-6	
ABU HAMAD	360	5	22	03	0	1	ac,ci	9.4	28	11	35
KAREIMA	10	3	21	02	0	0	—	9.4	27	-3	14
ATBARA	350	6	30	02	0	0	—	6.6	31	12	31
KHARTOUM	40	7	20	01	1	0	—	6.4	31	10	28
KASSALA	60	4	20	02	0	0	—	3.6	34	14	30
WAD MEDANI	360	5	20	02	0	0	—	4.9	34	11	25
RENK	310	4	20	02	0	0	—	6.3	35	7	18
ROSEIRES	310	5	20	02	0	1	ci	4.5	36	11	22
EL OBEID											
EL FASHER	160	7	24	02	2	7	cs	6.9	29	0	15
GENEINA											
MALAKAL	310	4	20	02	0	1	ci	4.7	35	7	18
WAU	20	3	20	02	2	6	cu,cs	2.3	37	13	24
JUBA	50	3	24	02	0	4	cu	3.9	34	15	32

At 1800 on 6th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	20	18	12	21	5	8	cu,sc,ac	21.3	13	3	16	-3	51	0.2
SIDI BARRANI	40	15	12	50	5	6	sc	20.7	12	12	16		97	0.4
MATRUH (A)	40	15	12	02	2	6	sc	20.4	14	8	18		67	2
EL DAB'AA	20	12		00	0	2	as	19.0	14	3	17		48	0
ALEXANDRIA	40	12	20	01	1	4	ac	18.7	13	11	17	-2	88	ds
ALEXANDRIA (A)	70	11	10	02	2	7	cu,sc	19.0	13	11	18	0	88	ds
DAMIETTA														
PORT SA'ID (A)	40	16	8	25	8	7	cu,sc	19.5	12	10	17	-1	88	ds
EL 'ARISH														
DAMANHUR	40	5	4	50	6	5	cb	18.6	12	10	20	0	88	ds
MANSURA														
TANTA	90	8	20	03	6	8	st	18.5	11	11	18	-2	97	4
SHEBIN EL KOM	250	2	10	00	0	0	—	17.9	13	4	20		55	0
ZAGAZIG														
ISMA'ILIA														
CAIRO (A)	60	7	12	02	1	2	ac	17.7	13	10	18		82	0
CAIRO ALMAZA (A)	40	7	15	03	1	1	sc	17.7	13	9	20	+1	77	0
CAIRO EZBEKIYA											21	+1		
GIZA	80	5	8	01	0	2	ac	17.9	13	8	19	0	72	0
HELWAN	00	0	10	01	0	0	—	17.8	14	5	18	-1	55	0
FAYOUM	00	0	20	01	0	0	—	17.2	11	9	19	-2	88	0
MINYA (A)	270	6	7	02	1	1	ci	17.2	12	4	20	0	59	0
ASYOUT (A)	00	0	10	02	1	2	ac	18.3	18	5	17	-4	43	0
NAG' HAMADI	00	0		02	0	3	ac	16.7	13	9	17		77	0
QENA	00	0		00	1	8	ac	17.1	13	9	18	-5	77	0
LUXOR (A)														
ASWAN	360	2	10	03	1	8	ac	15.1	18	-1	22	-1	28	0
SIWA	40	14	14	02	6	6	ns	20.3	15	6	18	-2	55	0.4
BAHARIYA	320	1	10	02	0	0	—	18.6	12	8	20	0	77	0
FARAFRA	320	3	12	00	1	0	—	20.2	12	3	20		55	0
DAKHLA	250	2	6	01	2	3	ci	19.0	13	4	16	-6	55	0
KHARGA	00	0	8	01	2	7	sc,cu,as	16.8	14	6	18	-4	59	0
SUEZ	00	0	10	01	0	0	—	18.0	16	8	19	-1	59	0
TOR														
HURGHADA	310	10	10	02	2	6	ac,as	16.9	15	7	19	-2	59	0
QUSEIR	310	6	20	01	2	7	sc,ac,ci	16.4	18	5	21	-2	43	0
PORT SUDAN	340	6	20	01	2	1	sc	12.5	25	20	27		74	ds
WADI HALFA	10	11	20	02	0	1	ac	15.5	17	-2	34		28	0
ABU HAMAD	360	5	24	01	1	0	—	9.6	22	1	29		25	0
KAREIMA	340	10	20	01	1	1	ci	10.8	22	-7	29		14	0
ATBARA	350	4	20	02	0	1	ac	8.5	25	14	32		51	0
KHARTOUM	340	5	20	02	0	0	—	8.4	27	11	32		37	0
KASSALA	10	4	20	02	0	0	—	6.8	26	14	35		48	0
WAD MEDANI											35			
RENK											35			
ROSEIRES											37			
EL OBEID	20	8	20	02	0	0	—	8.0	25	1	31		21	0
EL FASHER	60	6	20	02	2	7	cs	7.9	24	3	31		26	0
GENEINA	310	5	50	01	1	4	ac,cs	8.8	24	1	32		22	0
MALAKAL	10	2	20	02	0	1	cs	6.0	27	13	37		42	0
WAU	00	0	20	01	2	0	—	3.4	31	17	38		43	0
JUBA	00	0	24	01	1	2	ac,cc	4.7	26	17	36		58	0

At 0600 on MONDAY 7th JANUARY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	2	6	cu,sc	23.0	+5.3	11	10	11	+2	94	0.2	202	
	303	SIDI BARRANI	360	11	15	02	2	6	sc	21.6		13	6	11		63	0.4	149	
	306	MATRUH (A)	00	0	16	02	2	5	sc	21.9	+3.3	10	6	8		76	2	133	
	309	EL DAB'AA	200	3	10	00	0	6	cu	21.2		11	9	10		88	0	94	
	319	ALEXANDRIA	130	8	20	03	6	4	cu,sc,ci	21.6	+2.6	12	5	11	0	63	0.1	120	109
	318	ALEXANDRIA (A)	130	4	12	02	2	6	cu,sc	20.9	+3.0	12	7	10	0	72	0.4	75	78
	330	DAMIETTA	70	2		01	1	5	cu	21.1	+3.1	12	5	8	-1	63	3	115	46
	333	PORT SA'ID (A)	50	12	12	02	1	4	sc	21.5	+3.5	13	2	11	-1	48	0.3		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	130	2	10	02	0	0	—	21.2	+2.6	11	7	8	0	77	ds	52	41
	342	MANSURA	00	0		03	1	6	sc,cu	20.7	+2.2	9	4	7	-1	71	ds	39	18
	348	TANTA	00	0	20	01	1	3	cu	21.2	+2.0	9	7	4	-3	88	4	23	15
	360	SHEBIN EL KOM	320	2	10	00	0	0	—	21.2	+2.0	10	6	9		76	2	26	
	354	ZAGAZIG	40	1	10	02	0	0	—	20.6	+1.5	10	6	8	+1	76	2	28	11
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	80	9	14	02	0	2	sc	20.5		10	8	9		88	0	14	
	372	CAIRO ALMAZA (A)	40	10	15	01	0	2	sc	20.7	+1.7	10	6	9	0	76	0	15	
	374	CAIRO EZBEKIYA										12	7	10	+2	72	0	18	10
	375	GIZA	00	0	6	03	—	3	sc	20.8	+1.2	10	10	8	+2	77	0	19	11
	378	HELWAN	00	0	10	02	0	1	cu	21.0	+1.4	11	4	10	+1	63	0	12	10
UPPER EGYPT	381	FAYOUM	360	4	20	02	0	0	—	20.4	+1.0	12	7	9	+3	72	0	6	3
	387	MINYA (A)	320	2	00	44	4	9	—	19.7	-0.6	5	4	3	-2	93	0	ds.	
	393	ASYOUT (A)	00	0	14	02	0	0	—	19.9	-0.4	8	4	6	-1	76	0	0	
	399	NAG' HAMADI	00	0		01	2	4	as,cs	18.4	-1.4	11	9	6	0	88	0	1	
	402	QENA	00	0	10	03	1	7	ac	18.6	-0.5	12	8	9	+2	77	0	ds.	
	405	LUXOR (A)	00	0	—	—	—	5	ac	17.7	-1.6	13	7	10		67	0	0	
	414	ASWAN	10	7	14	02	2	8	as	16.8	-2.3	14	5	14	+4	55	0	0	
OASES	417	SIWA	00	0	15	02	1	6	sc	22.8	+2.1	7	4	6	+2	81	0.4	20	5
	420	BAHARIYA	20	2	4	45	4	0	—	21.6	+1.3	9	9	6	+1	97	0	2	4
	423	FARAFRA	10	2	15	03	1	7	ac	21.9		10	3	5		62	0	0	
	432	DAKHLA	270	2	9	03	2	8	sc	18.8	-1.8	11	4	2	-3	63	0	1	
	435	KHARGA	360	2	8	03	1	5	ac,ci	18.0	-1.5	11	4	8	+2	63	0	3	
RED SEA	450	SUEZ	360	7	20	00	0	2	cu	21.2	+2.3	11	4	8	-2	63	0	17	9
	459	TOR																	
	462	HURGHADA	290	14	22	02	2	5	sc,ac,ci	17.2	-0.4	14	6	12	+2	59	0	ds.	
	465	QUSEIR	300	12	20	03	2	8	sc,ac	16.4	-1.3	18	6	16	+2	46	0	0	4
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	ATBARA	350	7	20	02	0	0	—	10.9		19	1	17		30	0		
	721	KHARTOUM	350	6	18	05	0	1	ci	11.3		19	2	18		32	0		
	730	KASSALA	80	3	20	02	0	0	—	8.9		25	17	19		61	0		
CENTRAL SUDAN	751	WAD MEDANI	360	5	20	02	0	1	cc	11.1		21	10	15		50	0		
	801	RENK	310	5	20	02	0	3	ac	12.3		22	4	15		31	0		
	802	ROSEIRES	310	5	20	02	0	2	ac	7.8		23	11	19		47	0		
	771	EL OBEID	360	8	20	03	0	2	ci	12.0		17	-6	15		90	0		
	760	EL FASHER	00	0	30	03	2	7	ac,cs	15.5		14	-2	12		34	0		
	770	GENEINA	80	5	30	03	1	5	cs	15.0		14	-9			19	0		
S. SUDAN	840	MALAKAL	20	9	20	01	2	1	ac	9.3		24	5			30	0		
	880	WAU	290	2	20	02	0	2		7.3		25	15	21		54	0		
	941	JUBA	180	8	24	03	1	1	ac	8.7		27	17	19		55	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1		7-1	
TIME	15		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	6	40	9	50	8	60	8	340	15	310	13	30	7	20	8	350	4	40	9	340	30
600 m.	360	5	40	10	40	9	50	7	350	15	330	7	20	7	20	10	360	2	40	9	330	23
1000 m.	360	7	20	10	40	9	40	12	10	14	350	12	360	8	40	12	30	8	50	14	350	30
1500 m.	20	7	10	12	40	9	40	13	10	15	10	13	340	16	330	3	30	14	50	15		
2100 m.	40	7			30	9	50	12	330	10	250	3	30	3	200	9	10	9	70	11		
2400 m.	100	11			30	7	70	10	320	22	240	7	10	10			360	9	80	10		
3000 m.	20	7			80	9	110	5	350	7	220	10	210	7					90	7		
4000 m.	70	11			120	9			350	14	290	40										
5000 m.																						
6000 m.	60	18																				

STATION	Kharga		Hurghada		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Kharga		Hurghada		Hurghada	
DATE	7-1		7-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1	
TIME	14		14		3		2		2		3		2		4		4		4		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	7	350	23	360	9	350	20	330	13	340	15	280	8	300	9	360	5	330	23	310	18
600 m.	10	8	340	15	10	17	340	22	360	21	350	20	290	4	300	9	340	11	320	13	300	24
1000 m.	10	11	320	16	40	26	310	17	320	17	290	11	290	4	280	3	320	13	270	6	290	10
1500 m.	20	11	280	11	70	22	280	26	310	16	190	9	320	7	310	6	310	16	260	12	250	9
2100 m.			270	12	80	5	280	25	240	12	190	12	280	9	330	16			230	9	220	24
2400 m.			240	23	220	4	240	19	220	19					330	20			230	10	230	47
3000 m.			240	29	230	8			220	16					320	20			210	8	200	62
4000 m.			240	42	210	22																
5000 m.					230	38																
6000 m.					230	50																

STATION	Alex. (A)		P. Said		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Kharga	
DATE	8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1	
TIME	8		8		8		6 15		8		8		8		9		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	18	210	5	310	6	340	7	330	3	350	7	320	12	340	17	280	12	220	5	350	5
600 m.	210	17	170	8	330	7	10	9	350	10	340	15	330	18	350	23	280	16	220	7	360	9
1000 m.	210	17	180	5	40	6	40	13	340	21	320	15	340	18	220	16	270	17	270	15	330	11
1500 m.			190	8	40	5	50	27	310	24	120	23	300	8	210	7	280	15	290	16	300	17
2100 m.			180	14			40	9			280	26	200	5	200	31	250	12	310	16		
2400 m.			190	16			50	4			290	25	230	12	210	22	240	16	330	21		
3000 m.			160	13											220	31	270	22	300	28		
4000 m.			210	18															360	8		
5000 m.																			310	12		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Cairo (A)										
DATE	7-1					7-1					8-1										
TIME	14					15					3										
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	15				25	14				70	5									
1000 mb.	180	14		50	10	188	12		330	6	151	4		00	0						
950 mb.																					
900 mb.																					
850 mb.	1518	1		50	13	1526	1		20	9	1450	-3		70	22						
800 mb.																					
700 mb.	3073	-4		240	4	3065	-6		10	4	2963	-11		230	8						
600 mb.																					
500 mb.	5661	-18		210	17	5627	-21		50	6	5470	-27		220	41						
400 mb.	7297	-28		250	93	7232	-34		60	26	7063	-31		230	50						
300 mb.	9312	-40		250	131	9186	-46				9065	-42		220	129						
200 mb.						11830	-55				11700	-56									

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 8th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No change in temp. all over the Republic. Mod. W/SW winds. Low clouds over Lower Egypt and Cairo, increasing during daytime specially over N. coast where there is a chance for light rain in the west. In Upper Egypt: Light NE'ly winds, some high and medium clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 52 ; " Sunset 15 11

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 7TH

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	350	8	18	01	1	3	Cu, Sc	21.8	[illegible]	[illegible]	02	2	6	Sc, Cu, Ac
	303	SÎDI BARRÂNI	20	7	18	02	2	5	Cu	21.3	[illegible]	[illegible]	01	2	3	Cu
	306	MATRÛH (A)	00	0	16	02	2	5	Sc	[illegible]	[illegible]	[illegible]	02	3	7	Ns
	309	EL ḌAB'AA								[illegible]	[illegible]	[illegible]	00	6	4	Ac
	319	ALEXANDRIA	360	6	20	03	0	5	Cu, As	[illegible]	[illegible]	20	01	1	4	Cu, Ac
	318	ALEXANDRIA (A)	350	7	12	02	2	6	Sc	[illegible]	[illegible]	12	02	2	6	Cu, Sc
	330	DAMIETTA	140	2	20	00	0	0	—	21.1	9	7	15	-4	88	
	333	PORT SAÏD (A)	10	8	18	02	0	1	Sc	21.5	13	3	16	-2	51	0
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	40	2	20	01	0	1	Cu	21.3	11	4	17	-3	63	0
	342	MANŞÛRA	00	0	4	00	0	0	—	21.4	10	3	18	-2	62	0
	348	ṬANṬA	90	10	20	01	1	4	Cu	21.2	8	6	17	-3	88	0
	360	SHEBÎN EL KÔM								20.2	12	5	[illegible]		63	0
	354	ZAGAZIG	40	1	20	01	1	2	As	[illegible]	[illegible]	[illegible]	02	0	0	—
	441	ISMA'ILÍA														
CAIRO AREA	366	CAIRO (A)	50	10	16	02	0	1	Sc	20.9	10	1	16		54	0
	372	CAIRO ALMÁZA (A)								20.6	10	0	16	-3	50	0
	374	CAIRO EZBEKÎYA											18	-2		
	375	GIZA	70	10	10	02	0	1	Cu	20.8	11	5	16	-3	67	0
	378	HELWÂN	20	14	20	02	2	1	Cu	[illegible]	[illegible]	[illegible]	02	0	0	—
UPPER EGYPT	381	FAYOÛM	360	6	20	02	0	0	—	19.6	11	4	17	-4	63	0
	387	MINYA (A)	360	4	7	03	0	2	Cu	17.7	[illegible]	[illegible]	03	0	1	Ac
	393	AṢYOÛṬ (A)	340	3	16	02	0	2	Cu, As	17.4	[illegible]	[illegible]	02	0	0	—
	399	NAG' HAMÂDI	00	0	4	02	0	3	Ac	[illegible]	[illegible]	[illegible]				
	402	QENA	180	2	20	02	1	6	Cc	[illegible]	[illegible]	[illegible]				
	405	LUXOR (A)														
	414	ASWÂN	320	2	15	02	2	8	As	14.7	[illegible]	[illegible]	02	0	6	Ci
OASES	417	SÎWA									330	4	03	6	6	Ns
	420	BAḤARÎYA	40	3	20	02	4	6	Sc	12.8	[illegible]	[illegible]	02	2	6	Ac
	423	FARAFRA	360	3	20	02	0	2	Cu	20.4	16	2	02	0	6	Ac
	432	DAKHLA	340	9	21	03	0	3	Cu	[illegible]	18	[illegible]	01	1	2	Ci
	435	KHARGA	340	2	15	01	1	3	Cu	16.3	20	2	00	2	2	Cu
RED SEA	450	SUEZ									360	9	02	0	0	—
	459	TÔR														
	462	HURGHÂDA	350	14	22	02	0	3	Cu, Ci	16.2	20	5	38	330	14	10
	465	QUSEIR	340	15	20	01	2	7	Sc, Cu, As	15.9	19	12	44	300	9	20
	641	PORT SÛDÂN	20	12	20	03	6	7	Sc	[illegible]	[illegible]	[illegible]	[illegible]	300	10	20
NORTH SUDAN	600	WÂDI HALFA	30	13	20	03	2	8	Ac, Ci	14.0	21	1	27	20	7	20
	640	ABU ḤAMAD	340	2	24	02	0	0	—	9.4	28	14	42	360	9	24
	660	KAREIMA	20	3	21	02	0	0	—	10.0	27	7	38	360	8	21
	680	ʿAṬBARA	330	7	20	02	0	0	—	7.0	30	14	38	340	4	26
	721	KHARTOÛM	350	7	20	02	0	0	—	7.0	30	[illegible]	[illegible]	350	8	16
	730	KASSALA	40	6	20	02	0	0	—	3.9	33	6	36			
CENTRAL SUDAN	751	WÂD MEDANI	360	5	50	02	0	0	—	5.0	34	13	30			
	801	RENK	310	5	20	02	0	1	Ac	6.3	34	15	32			
	802	ROSEIRES	180	5	50	02	0	2	Ac	8.7	34	13	29			
	771	EL OBEID	50	9	20	01	0	0	—	5.9	35	-3	9	350	10	20
	760	EL FASHER	20	5	20	01	2	7	Cc	7.7	28	-2	14	50	5	20
	770	GENEINA	90	6	30	05	1	3	Ac, Ci	9.7	27	-5	12	210	5	50
& SÛDÂN	840	MALAKÂL	70	7	20	02	2	3	Ac	5.1	35	9	20	00	0	20
	880	WÂU	360	3	20	03	1	4	Cu	3.2	36	14	27	00	0	20
	941	JUBA	180	4	20	04	0	4	Cu	3.1	36	16	31	40	2	20

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	250	16	16	02	2	8	Sc, Ac	14.5	-3.2	10	1	10	+1	54	0	202	
	303	SÎDI BARRÂNI	230	16	15	03	2	7	Cu, Ac	14.3		9	6	8		82	0	149	
	306	MATRÛH (A)	210	16	16	03	1	1	Cu, Ac	15.9	-2.7	7	5	6		87	1	134	
	309	EL ḌAB'AA	270	4	10	00	0	3	Ac	16.4		9	7	2		76	0	94	
	319	ALEXANDRIA	180	10	20	01	0	2	Cu	17.4	-1.6	10	3	8	-3	62	0	120	110
	318	ALEXANDRIA (A)	200	7	14	03	0	2	Cu, Ac	17.3	-0.6	7	4	6	-4	81	0	75	79
	330	DAMIETTA	520	2	4	02	1	3	Cu	16.8	-1.2	10	7	5	-3	82	0	115	47
	333	PORT SAÏD (A)	240	6	12	02	0	1	Sc	16.2	-1.8	11	4	9	-3	63	0	0.3	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	200	2	10	02	0	0	—	17.4	-1.2	7	2	5	-3	71	0	52	42
	342	MANŞÛRA	270	3		00	0	0	—	16.3	-2.2	7	2	5	-3	71	0	39	19
	348	ṬANṬA	30	0	20	02	0	0	—	[illegible]	-1.3	4	1	0	-7	81	0	33	16
	360	SHEBÎN EL KÔM	250	2	10	00	6	0	—	17.5	-1.7	6	1	5		71	0	26	
	354	ZAGAZIG	40	1	10	02	0	0	—	17.2	-1.9	5	2	4	-3	81	0	25	11
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	00	0	14	02	0	3	Sc	17.3		6	1	4		71	0	14	
	372	CAIRO ALMÁZA (A)	100	2	15	02	0	4	Sc, Cu	17.3	-1.8	7	0	4	-5	62	0	15	
	374	CAIRO EZBEKÎYA										10	7	6	-2	82	0	18	10
	375	GIZA	70	4	3	05		7	Ac	17.0	-2.6	7	4	3	-3	81	0	19	11
	378	HELWÂN	40	1	10	03	0	3	Ci	17.2	-2.4	6	1	5	-3	71	0	12	10
UPPER EGYPT	381	FAYOÛM	330	4	20	02	0	0	—	17.4	-2.0	8	3	4	-2	71	0	6	3
	387	MINYA (A)	320	5	8	03	0	1	Ac	17.6	-2.7	4	-1	2	-3	70	0	dr	
	393	AṢYOÛṬ (A)	270	6	12	02	0	0	—	18.3	-2.0	7	7	5	-2	97	0	0	
	399	NAG' HAMÂDI	00	0	9	03	2	6	Cc, As	17.1	-2.7	10	6	9	+3	76	0	1	
	402	QENA	290	4	10	03	1	8	As	16.2	+2.9	12	5	9	+2	63	0	dr	
	405	LUXOR (A)	00	0	15			7	Ac	15.7	-3.6	13	8	10		72	0	0	
	414	ASWÂN	350	3	12	03	2	8	Ac	16.1	-3.0	15	5	14	+4	52	0	0	
OASES	417	SÎWA	310	4	15	01	6	2	Sc	17.9	-2.8	8	5	8	+4	82	1	21	5
	420	BAḤARÎYA	40	2	20	02	2	6	Ac	18.5	-1.8	8	3	4	-1	71	0	2	4
	423	FARAFRA	00	0	15	02	2	7	Sc	20.0		12	5	8		63	0	0	
	432	DAKHLA	270	6	15	03	0	2	Ac, Cu	20.0	-0.6	6	1	3	-2	71	0	1	
	435	KHARGA	00	0	8	03	1	4	Sc, Cu	17.2	2.3	6	3	5	-1	81	0	3	
RED SEA	450	SUEZ	360	9	20	00	0	0	—	16.7	-2.2	8	0	3	-7	58	0	17	9
	459	TÔR																	
	462	HURGHÂDA	290	12	12	02	2	6	Ac	14.4	-3.2	11	-5	10	0	33	0	dr	
	465	QUSEIR	20	1	20	15	2	7	Sc, Ac, Ci	14.6	-3.1	16	10	16	+2	68	0	0	4
	641	PORT SÛDÂN	330	7	20	02	1	3	Sc	12.0		23	14	22		57	0		
NORTH SUDAN	600	WÂDI HALFA	360	16	18	60	6	8	As	16.6		14	4	14		52	dr		
	640	ABU ḤAMAD	340	5	20	01	0	0	—	12.5		18	5	16		43	0		
	660	KAREIMA	340	12	21	02	0	0	—	14.0		15	3	15		45	0		
	680	ʿAṬBARA	350	10	20	02	0	0	—	11.2		19	6	17		43	0		
	721	KHARTOÛM	350	11	20	02	0	0	—	11.8		19	3	17		35	0		
	730	KASSALA	100	3	20	02	0	0	—	7.4		29	18	17		52	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	11.7		19	5	15		40	0		
	801	RENK																	
	802	ROSEIRES	310	5	20	02	0	0	—	8.8		23	11	19		47	0		
	771	EL OBEID	350	16	20	02	0	1	Ac	12.9		17	-1	15		30	0		
	760	EL FASHER	240	16	14	02	2	7	Ci	14.8		15	-2	13		32	0		
	770	GENEINA	60	1	50	03	2	7	Ac, Ci	16.9		14	-3	12		32	0		
& SÛDÂN	840	MALAKÂL	50	7	20	02	1	2	Ci	9.4		25	10	21		39	0		
	880	WÂU	240	4	20	03	2	6	Ci	8.7		24	7	21		34	0		
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharia		Dakhla		Kharga	
DATE	8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1		8-1	
TIME	14		14		14		14		14		14		15		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	17	270	12	260	12	320	7	310	20	300	11	10	8	250		260	17	330	18	320	9
600 m.	260	16	290	12	260	10	300	7	310	25	290	13	360	15	250	23	260	18	310	13	330	8
1000 m.	270	16	290	10	280	10	290	9	310	21	280	15	330	4	250	22	270	21	270	11	320	9
1500 m.	250	17	300	6	260	7	280	11	300	19	270	28	70	3	260	23	280	18			280	12
2100 m.	240	9	330	7	280	12			300	26	10	21	40	5			290	17			280	21
2400 m.	260	11	330	3	290	12			300	35	10	11	60	3			290	21				
3000 m.	250	6	300	2	290	20											290	21				
4000 m.																	280	20				
5000 m.																						
6000 m.																						

STATION	Hurghada		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Baharia		Kharga		Kharga		Hurghada	
DATE	8-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1	
TIME	14		5		2		3 30		2		2		3		4		2		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	260	12	210	15	180	20	190	15	160	10	220	2			210	17	320	9	210	4	320	15
600 m.	250	12	210	16	190	21	200	15	250	19	280	10	330	6	210	20	320	9	220	10	320	18
1000 m.	260	14	240	13	220	18	200	10	240	11	280	9	340	11	250	29	280	12	320	4	320	16
1500 m.	250	15	240	20			240	13	230	13	260	12	320	8	270	17	260	10	320	15	330	15
2100 m.	240	32	240	20			230	13	260	16	330	13	310	9							320	5
2400 m.	240	31	250	23			220	13	280	15	320	12	300	8							320	3
3000 m.			270	23			220	10	60	2	280	16	270	17								
4000 m.			230	32			240	18														
5000 m.			230	29			240	26														
6000 m.							240	41														

STATION	Alex. (A)		P. Said		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Baharia		Dakhla	
DATE	9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1	
TIME	8		8		8		6 15		8		8		8		9		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	18	210	6	190	15	140	19	170	11	140	5	300	3	340	5	280	12	260	11	360	13
600 m.	210	17	170	8	210	15	170	23	220	16	220	5	310	6	330	4	280	16	260	9	40	2
1000 m.	210	17	180	5	210	14	190	13	220	12	220	6	330	11	330	4	270	17	250	12	240	25
1500 m.			190	8	240	4	230	16	230	10	300	13	330	16	350	5	280	15	230	23	290	11
2100 m.			180	14	180	11	250	16			290	23	280	6	30	3	250	12	230	31	260	22
2400 m.			190	16	200	15	220	10			290	10	280	8	20	7	240	16	240	34	300	16
3000 m.			160	13	220	18	220	11			210	10	250	15	170	10	270	22	230	27	300	11
4000 m.			210	18							250	21										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Cairo (A)					Matruh									
DATE	8-1					9-1					9-1									
TIME	14					4,30					5									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	14				70	10				25	8								
1000 mb.	137	14		310	10	145	10		180	16	104	7		210	14					
950 mb.																				
900 mb.																				
850 mb.	1474	3		240	8	1475			240	13	1433	1		240	16					
800 mb.																				
700 mb.	3003	-8		300	15	3015	-4		220	10	2964	-10		270	23					
600 mb.																				
500 mb	5544	-23		330	23	5564	-23		240	34	5487	-27		230	31					
400 mb	7156	-30		300	28	7176	-32		240	86	7063	-38								
300 mb	9154	-42		270	43	9166	-42		240	88	9112	-45								
200 mb	11850	-47		260	90	11850	-50				11650	-53								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT - CAIRO

DATE Wednesday 9th January, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cold weather prevails. Severe cold by night specially in Upper Egypt. Winds mainly fresh SW, strong at times on W. coast. Lower medium clouds, increasing at times on the coasts with showers of rain specially in the west. In Upper Egypt: light/mod. S'ly winds; some lower medium clouds in the north part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 52 U.T. / Sunset 15 13 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 8TH

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	250	26	20	02	2	8	AS, CU	10.7	15	0	36	
	303	SIDI BARRÂNI	240	24	20	02	2	6	CU, AC	11.4	16	6	52	
	306	MATRÛH (A)	230	20	16	02	2	6	CU, AC	13.1	16	3	42	
	309	EL DAB'AA	250	7	20	00	0	3	CU, AC	13.8	16	-1	32	
	319	ALEXANDRIA	220	10	20	03	0	4	CU	15.0	15	4	48	
	318	ALEXANDRIA (A)	240	14	12	03	0	5	CU, SC	14.7	17	4	42	
	330	DAMIETTA	290	2	20	03	1	5	CU	14.8	14	5	55	
	333	PORT SA'ID (A)	270	10	15	01	2	5	SC	14.3	15	5	52	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	230	2	20	01	0	3	CU	16.4	17	4	42	
	342	MANSÛRA	00	0		03	1	4	CU	14.8	17	4	42	
	348	ṬANṬA	220	3	20	01	1	3	CU	15.9	14	3	48	
	360	SHEBÎN EL KÔM	320	5	20	01	1	2		15.8	16	3	42	
	354	ZAGAZIG	320	1	20	03	1	6	CU	14.6	17	7	52	
	441	ISMA'ILIA												
CAIRO AREA	366	CAIRO (A)	330	5	16	02	2	5	CU	14.9	14	3	48	
	372	CAIRO ALMÂZA (A)												
	374	CAIRO EZBEKÎYA	300	3	10	01	1	2	CU	15.2	15	4	48	
	375	GIZA	270	6	20	03	1	4	SC, CU	15.1	13	1	44	
	378	HELWÂN												
UPPER EGYPT	381	FAYOÛM	290	4	20	03	1	5	ST	15.6	15	3	45	
	387	MINYA (A)	320	15	8	02	1	5	SC	15.5	17	-3	26	
	393	ASYOÛT (A)	300	9	16	03	0	1	SC	16.1	16	-2	30	
	399	NAG' HAMÂDI	290	2	4	01	0	5	CU, AC	16.3	15	4	48	
	402	QENA	290	3	20	02	1	6	AC	15.5	15	4	48	
	405	LUXOR (A)	300	8	20	02	2	8	AS	13.2	16	7	39	
	414	ASWÂN	360	7	14	02	2	8	AC	18.5	16	7	56	
OASES	417	SÎWA	270	20	16	03	0	3	NS	15.3	16	2	39	
	420	BAḤARÎYA	240	8	20	02	2	6	SC	15.4	18	9	56	
	423	FARAFRA	280	5	20	01	2	6	SC, CU	17.6	16	3	42	
	432	DAKHLA	290	9	19	03	0	4	CU	18.4	17	-3	26	
	435	KHARGA	330	1	20	03	1	3	CU	15.8	18	2	34	
RED SEA	450	SUEZ	310	7	50	02	0	0	—	14.5	15	-3	30	
	459	TÔR												
	462	HURGHÂDA	340	9	22	02	2	6	AC, AS	12.9	19	-3	23	
	465	QUSEIR	280	10	20	15	0	6	ST, ACC	13.7	18	3	37	
	641	PORT SÛDÂN	40	6	20	02	2	7	SC	8.7	27	22	74	
NORTH SUDAN	600	WÂDI HALFA	350	16	20	02	2	8	AS, CU	17.1	16	4	26	
	640	ABU ḤAMAD	360	5	24	03	0	3	CI	9.4	26	9	35	
	660	KAREIMA	340		20	02	0	7	CU	21.6	26	4	26	
	680	ATBARA	340	9	10	02	0	0	—	7.0	29	11	33	
	721	KHARTOÛM	340	17	16	05	0	0	—	7.7	28	4	22	
	730	KASSALA	270	4	20	02	0	0	—	7.8	34	15	32	
CENTRAL SUDAN	751	WÂD MEDANI	310	13	20	02	0	0	—	5.3	31	11	29	
	801	RENK	310	5	20	02	0	0	—	7.4	32	14	34	
	802	ROSEIRES	310	5	20	02	0	1	CI	2.1	26	14	48	
	771	EL OBEID	360	14	20	02	0	1	CI	9.0	25	3	24	
	760	EL FASHER	340	12	22	02	2	7	CU	10.6	24	-2	18	
	770	GENEINA	70	13	50	03	1	4	AC, CU	13.0	22	-3	19	
S. SÛDÂN	840	MALAKÂL	10	7	20	02	0	1	CI	5.3	35	12	25	
	880	WÂU	20	6	20	02	0	7	CU	5.2	33	7	20	
	941	JUBA												

At 1800 on 8TH

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	220	19	16	01	2	5	CU, AC	9.3	12	3	15	-4	55	
	303	SIDI BARRÂNI	230	20	12	02	2	7	AC	9.5	12	10	16		88	
	306	MATRÛH (A)	160	10	12	03	2	6	AC	12.1	11	5	16		67	
	309	EL DAB'AA	250	3	4	03	0	2	CI	13.2	10	3	17		62	
	319	ALEXANDRIA	130	8	20	02	0	4	CU, AC	15.2	13	4	16	-3	55	
	318	ALEXANDRIA (A)	130	8	12	02	0	3	SC	15.1	11	4	18	0	63	
	330	DAMIETTA	290	2		00	0	0	—	16.7	10	6	14	-5	76	
	333	PORT SA'ID (A)	290	8	15	02	0	1	CU	16.5	12	4	17	-1	59	
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	160	2	10	02	0	0	—	15.8	10	6	18	-2	76	
	342	MANSÛRA	00	0		00	0	0	—	16.0	9	2	18		62	
	348	ṬANṬA	160	3	20	02	0	0	—	15.6	9	2	17	-3	62	
	360	SHEBÎN EL KÔM	290	2	10	00	0	0	—	15.9	11	4	17		63	
	354	ZAGAZIG	00	0	10	00	0	0	—	15.9	11	4	19	-1	63	
	441	ISMA'ILIA														
CAIRO AREA	366	CAIRO (A)	00	0	12	01	0	0	—	16.9	9	1	16		58	
	372	CAIRO ALMÂZA (A)	110	7	15	02	0	0	—	16.6	10	0	18	-1	50	
	374	CAIRO EZBEKÎYA											16	-4		
	375	GIZA	00	0	5	05	0	0	—	16.7	8	3	16	-3	71	
	378	HELWÂN	360	4	10	01	0	0	—	16.7	10	0	14	-5	50	
UPPER EGYPT	381	FAYOÛM	290	4	20	01	0	1	CU, CC	16.4	9	3	15	-6	67	
	387	MINYA (A)	00	0	7	02	0	3	AC	16.8	10	0	18	-2	50	
	393	ASYOÛT (A)	00	0	12	02	0	0	—	17.5	11	-2	16	-5	41	
	399	NAG' HAMÂDI	00	0		01	2	4	AC, CU	18.0	10	3	18	-4	55	
	402	QENA	270	2		00	0	0	—	17.5	10	3	17	-6	62	
	405	LUXOR (A)											16			
	414	ASWÂN	00	0	10	01	2	7	AC	17.9	12	9	16		82	
OASES	417	SÎWA	280	16	13	02	2	8	NS, AS	13.5	13	9	12	-2	77	
	420	BAḤARÎYA	220	1	10	01	5	0	—	16.7	12	5	18	-2	63	dr
	423	FARAFRA	270	2	12	02	0	0	—	18.7	12	0	16		44	
	432	DAKHLA	280	8	8	01	1	1	CU	18.8	12	-4	17	-5	33	
	435	KHARGA	00	0	8	02	0	0	—	17.1	10	0	19	-3	50	
RED SEA	450	SUEZ	00	0	10	02	0	0	—	17.2	11	4	15	-5	63	
	459	TÔR														
	462	HURGHÂDA	310	20	12	02	0	0		15.9	12	-5	19	-2	31	
	465	QUSEIR	300	6	20	01	6	4	SC, ACC	14.0	14	6	18	-5	59	
	641	PORT SÛDÂN	340	12	20	02	2	7	SC	11.0	25	22	28		84	
NORTH SUDAN	600	WÂDI HALFA	20	3	20	01	8	8	AS	18.9	13	5	17		59	dr
	640	ABU ḤAMAD	360	13	22	02	2	7	CU	14.3	18	0	26		30	
	660	KAREIMA	10	10	20	01	2	0	—	15.9	17	1	25		34	
	680	ATBARA	340	15	10			7	CU	10.8	23	7	30		36	
	721	KHARTOÛM	330	13	16	05	2	2	AC, CI	11.5	22	1	28		25	
	730	KASSALA	330	5	20	02	0	0	—	6.8	27	15	35		48	
CENTRAL SUDAN	751	WÂD MEDANI														
	801	RENK											33			
	802	ROSEIRES											37			
	771	EL OBEID														
	760	EL FASHER	360	15	20	02	2	7	AC, CU	13.2	19	0	26		28	
	770	GENEINA	330	10	50	02	1	0	—	14.6	18	-2	23		26	
S. SÛDÂN	840	MALAKÂL	20	5	20	02	0	1	CI	6.4	28	13	35		40	
	880	WÂU	360	1	20	01	2	3	CU	7.2	27	13	34		42	
	941	JUBA	320	6	20	12	6	6	CU, AC	4.8	30	16	38		43	dr

At 0600 on WEDNESDAY 9TH JANUARY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	22	16	01	0	0	—	11.9	-5.9	7	3	7	-2	23	0	202	
	303	SIDI BARRÂNI	230	18	16	02	2	5	CU, AC	10.9		8	6	7		88	0	149	
	306	MATRÛH (A)	220	21	16	01	0	3	SC	12.1	-6.5	9	7	8		88	0	134	
	309	EL DAB'AA	160	5	10	00	0	0	—	14.1		9	7	8		88	0	94	
	319	ALEXANDRIA	130	10	20	03	0	7	CU, SC	16.0	-2.9	10	3	0	-11	62	0	120	112
	318	ALEXANDRIA (A)	170	8	8		2	8	SC, AC, AS	15.7	-2.2	10	3	7	-3	62	0	75	80
	330	DAMIETTA	180	2	4	03	0	1	CU	17.8	-0.2	8	3	4	-4	71	0	115	48
	333	PORT SA'ID (A)	200	8	12	02	0	0	—	17.7	-0.3	11	4	8	-4	63	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	160	5	10	02	1	6	CU	16.3	-2.3	9	2	5	-3	62	0	52	43
	342	MANSÛRA	00	0		00	0	0	—	17.1	-1.4	5	0	4	-4	70	0	39	19
	348	ṬANṬA	160	9	20	03	2	6		18.2	-1.0	8	0	4	-3	58	0	33	16
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	CU	16.7	-2.4	9	4	7		71	0	26	
	354	ZAGAZIG	40	1	10	02	0	0	—	17.2	-1.9	7	1	5	-2	66	0	25	11
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	180	10	12	02	0	2	SC	15.7		10	1	8		54	0	14	
	372	CAIRO ALMÂZA (A)	140	17	15	03	0	1	SC	16.2	-2.8	11	-2	8	-1	41	0	15	
	374	CAIRO EZBEKÎYA										9	5	5	-3	76	0	18	10
	375	GIZA	200	3	5	05		2	SC, AC	16.8	-2.8	7	1	5	-1	66	0	19	11
	378	HELWÂN	90	11	20	02	0	1	SC, CU	17.9	-1.8	10	0	5	-3	50	0	12	10
UPPER EGYPT	381	FAYOÛM	330	4	20	02	2	8	CB	18.8	-0.6	6	0	3	-3	66	0	6	3
	387	MINYA (A)	170	7	7	02	0	2	AC	18.1	-2.2	6	0	3	-2	66	0	dr	
	393	ASYOÛT (A)	140	3	12	02	0	1	AC	19.1	-1.2	7	-4	4	-3	46	0	0	
	399	NAG' HAMÂDI	00	0		02	0	3	AC, CI	19.1	+0.7	9	0	3	-3	47	0	1	
	402	QENA	00	0	10	00	0	0	—	20.4	+1.3	5	2	1	-6	81	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	14.4	-4.9	7	0	1		62	0	0	
	414	ASWÂN	00	0	12	02	0	3	AS	19.8	+0.7	8	6	3	-7	88	0	0	
OASES	417	SÎWA	280	9	14	01	2	2	NS	15.4	-5.3	9	6	9	+5	82	0	21	5
	420	BAḤARÎYA	220	5	20	01	2	5	AC	17.0	-3.3	12	6	6	+1	67	dr	2	4
	423	FARAFRA	260	4	14	01	2	6	AC	18.8		11	4	0		63	0	0	
	432	DAKHLA	00	0	18	01	2	3	CU	20.4	-0.2	6	1	2	-3	71	0	1	
	435	KHARGA	00	0	8	02	0	0	—	18.6	-0.9	5	-2	2	-4	61	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	0	—	19.2	+0.3	8	3	3	-7	71	0	17	9
	459	TÔR																	
	462	HURGHÂDA	280	10	22	02	0	1	CU	18.2	+0.6	10	-1	6	-4	47	0	dr	
	465	QUSEIR	280	10	20	01	1	3	AC	17.5	-0.2	12	0	9	-5	44	0	0	4
	641	PORT SÛDÂN	340	12	20	02	2	7	SC	14.3		23	15			61	0		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	03	1	5	AC, CI	20.4		7	4	4		81	dr		
	640	ABU ḤAMAD	340	9	24	01	1	2	AC	16.4		14	-1	13		36	0		
	660	KAREIMA	360	4	21	03	0	4	AC	17.8		13	1	11		88	0		
	680	ATBARA																	
	721	KHARTOÛM	340	12	20	02	0	0	—	16.0		15	-2	14		32	0		
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	310	9	20	02	0	0	—	17.4		19	5	17		40	0		
	802	ROSEIRES	360	9	20	02	0	1	CI	13.7		21	0			25	0		
	771	EL OBEID	50	13	20	03	0			10.0		12	-5	10		31	0		
	760	EL FASHER																	
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL	320	7	20	02	0	1	CI	13.4		21	10	19		50	0		
	880	WÂU	330	3	20	03	0	7	CI	12.4		21	14	19		65	0		
	941	JUBA	180	3	20	02	0	7	AC, CU	10.5		26	19	21		66	dr		

RETARDS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1		9-1	
TIME	14		14		14		14		14		14		14		15		15		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	26	240	22	100	9	220	16	260	9	240	7	20	6	70	6	260	15	260	21	270	1
600 m.	240	23	220	17	160	7	210	17	260	7	250	10	10	6	350	8	250	11	260	20	270	1
1000 m.	260	23	210	17	180	9	210	17	260	11	250	10	350	5	360	11	250	12	260	21	290	13
1500 m.	240	14	190	17	220	17	220	17	260	13	230	9	320	3	330	9	270	16	260	16	280	22
2100 m.	240	16			220	18	210	13	250	17			300	3	320	5	250	13	260	22		
2400 m.	240	24					210	13	210	15			290	9	290	5	240	10	250	18		
3000 m.							210	23	230	18			300	8			240	16	240	18		
4000 m.							220	26	240	21							230	24				
5000 m.							240	28									240	23				
6000 m.							240	43														

STATION	Kharga		Hurghada		Alex.(A)		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Kharga		Hurghada	
DATE	9-1		9-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1	
TIME	14		14		2		2		2		2		3		2		4		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	120	6	360	10	260	20	300	4	220	5	360	5	240	3	260	21	230	16	310	9	290	10
600 m.	160	8	340	10	250	18	270	2	260	11	320	8	350	8	290	16	230	18	300	20	310	11
1000 m.	170	8	290	12	260	18	230	6	360	15	300	14	340	5	280	17	240	25	300	13	300	10
1500 m.	250	10	270	7	240	14	210	18	250	28	280	23	320	21	240	8			270	17	280	18
2100 m.	270	14	260	14	190	5			240	27	240	32	10	9	260	17					280	20
2400 m.	260	17	280	14	240	3			230	30	240	31	20	13	260	17					250	21
3000 m.	250	17	260	16	180	7															220	31
4000 m.					210	13																
5000 m.																						
6000 m.																						

STATION	Sallum		Alex.(A)		P.Said		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1	
TIME	8		8		8		6 15		8		8		8		8		9		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	25	240	17	250	16	170	9	230	5	240	8	220	5	200	3	230	7	270	14	190	12
600 m.	240	24	240	17	200	8	200	7	240	13	260	7	260	5	270	5	270	14	260	17	310	9
1000 m.	230	20	240	19	180	13	230	10	240	16	250	9	260	12	250	12	270	12	270	21	270	10
1500 m.	230	6	230	10	140	14	240	15			250	12	270	17	260	6	260	11	260	23		
2100 m.	230	4	220	9			260	22			250	27	270	13	290	16	270	10	270	23		
2400 m.	220	2	200	10							240	29	270	19	250	20	280	16	270	25		
3000 m.	60	6	180	17									280	22			300	13	260	30		
4000 m.																	300	16				
5000 m.																	290	19				
6000 m.																	300	22				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Cairo (A)									
DATE	9-1					9-1					10-1									
TIME	14					15					3									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				25	13				70	11								
1000 mb.	146	15		220	15	122	12				145	11		210	5					
950 mb.																				
900 mb.																				
850 mb.	1498	4		220	17	1454	1				1480	1		210	17					
800 mb.																				
700 mb.	3044	-5		210	23	2981	-8				3013	-9		200	28					
600 mb.																				
500 mb.	5609	-22		240	32	5497	-28				5551	-25		210	35					
400 mb.	7226	-30		230	111	7057	-40				7151	-29								
300 mb.	9322	-42		240	115	9000	-45				9153	-41								
200 mb.	12000	-54																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 10th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cold weather continues all over the Republic. Winds mainly mod. SW, fresh at times. Low and med. clouds from the coast to middle Egypt. Chance for rain still exists on the coast in the west. In Upper Egypt: weather becomes too cold by night.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 [illegible] U.T. / " " Sunset 15 13 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 9th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Salloûm	250	12	18	03	1	6	Sc, cu	11.6	16	-1	32
Sîdi Barrâni	240	18	18	02	0	3	cu	11.6	18	8	63
Matrûh (A)	230	16	16	03	0	2	cb	13.0	15	6	55
El Dab'aa	250	5	20	00	0	4	AC	13.9	15	9	68
Alexandria	220	15	20	03	5	5	Sc	15.1	16	3	42
Alexandria (A)	210	18	12	02	2	8	cu, Sc	14.6	17	7	52
Damietta	200	2	20	01	0	1	cu	16.7	18	3	37
Port Sa'îd (A)	220	10	18	02	0	1	AC	16.6	17	4	42
El 'Arish											
Damanhûr	200	5	10	02	0	7	cu, Sc	15.8	15	7	59
Mansûra	280	5		03	1	6	cu	16.4	18	3	37
Tanta	160	8	20	03	2	8	St	16.7	15	4	48
Shebîn El Kôm	180	5	20	01	1	2	Sc	16.4	15	4	48
Zagazig	220	1	20	01	1	2	AS	15.9	18	8	52
Isma'ilia											
Cairo (A)	210	16	16	03	0	5	Sc	15.9	17	0	32
Cairo Almâza (A)	200	14	25	02	2	5	Sc, cu	15.9	18	2	34
Cairo Ezbekîya											
Giza	230	6	10	03	2	2	Sc, AC	15.2	16	4	45
Helwân	180	9	20	03	1	6	CS	16.2	16	3	42
Fayoûm	330	4	20	02	2	8	cb	16.4	17	5	46
Minya (A)	220	11	10	01	2	1	cu	15.8	19	1	30
Asyoût (A)	240	6	16	02	0	1	AC	16.0	18	0	30
Nag' Hamâdi	00	0		02	0	3	AC, CS	17.0	18	3	37
Qena	290	3	20	00	0	0	—	16.7	17	4	42
Luxor (A)	300	4	22	03	0	2	AS	16.7	18	3	37
Aswân	340	2	15	02	0	1	AC	15.1	17	2	37
Sîwa	280	16	14	03	1	2	cu	16.3	15	4	48
Baharîya	220	12	20	03	1	3	cu	16.8	17	9	60
Farafra	270	8	20	03	1	2	cu	18.3	18	-1	28
Dakhla	290	5	20	03	0	3	cu, ci	17.5	18	3	37
Kharga	140	1	20	03	1	3	ci	16.3	19	0	28
Suez	180	7	50	03	0	1	cu	16.8	17	4	42
Tôr											
Hurghâda											
Quseir	260	7	20	03	0	6	Sc, cu, CS	16.0	18	10	60
Port Sûdân	360	15	15	07	2	7	Sc	12.5	23	16	65
Wâdi Halfa	340	12	20	02	1	7	AC, CS	16.5	17	-2	28
Abu Hamad	340	8	24	03	0	7	AC, CS	12.3	21	-2	21
Kareima	360	4	21	01	2	1	AC	12.0	21	-1	23
Atbara	350	11	20	03	0	7	CS	10.0	26	4	25
Khartoûm	340	12	20	02	0	0	—	11.1	25	-3	16
Kassala	10	13	20	02	0	0	—	7.0	30	14	38
Wâd Medani	360	9	20	02	0	0	—	10.0	26	5	27
Renk	310	9	20	02	0	1	CS	11.3	27	7	28
Roseires											
El Obeid	50	11	20	03	0	3	AC	11.6	23	-1	20
El Fasher	40	6	30	03	1	4	AC, CS	11.0	24	1	22
Geneina	360	1	50	02	0	1	AC, CS	12.8	23	-1	20
Malakâl	30	12	20	01	0	2	AC, CS	8.9	30	6	22
Wâu	340	4	20	03	2	6	AS	8.3	29	5	22
Juba	360	5	20	04	2	2	cu	6.2	33	15	34

At 1800 on 9th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloûm	270	8	16	01	1	2	Sc, cu	13.3	11	-2	16	-3	41	0
Sîdi Barrâni	220	10	16	01	0	3	cu	12.5	10	8	16		88	0
Matrûh (A)	180	7	12	01	0	2	Sc	14.5	9	8	16		94	0
El Dab'aa	00	0		00	0	0	—	15.0	9	7	16		88	0
Alexandria	130	7	20	01	1	0	—	16.4	12	5	16	-3	63	dr
Alexandria (A)	180	6	10	01	2	2	Sc	16.1	10	6	18	0	76	0
Damietta	200	2		03	5	3	AC, ci	17.1	13	7	18	0	67	0
Port Sa'îd (A)	190	8	18	02	1	7	Sc	16.8	14	8	19	+1	67	0
El 'Arish														
Damanhûr	200	2	10	01	1	1	cu	17.2	11	4	15	-5	63	0
Mansûra	00	0		03	5	7	AC, ci	16.2	13	4	18	-2	55	dr
Tanta	220	5	20	03	2	5		17.6	11	7	15	-5	77	0
Shebîn El Kôm	220	2	10	01	1	2	NS	16.6	10	3	16		62	0
Zagazig	00	0	10	03	1	8	AC, cu	15.9	14		20	0		0
Isma'ilia														
Cairo (A)	190	5	20	02	2	7	Sc	16.4	14	4	18		52	0
Cairo Almâza (A)	130	5	15	02	2	7	Sc, cu	16.4	14	5	18	-1	55	0
Cairo Ezbekîya											18	-2		
Giza	160	1	8	03	2	6	AC	16.7	12	6	17	-2	67	0
Helwân	180	1	10	02	2	8	Sc	16.7	14	3	16	-3	48	0
Fayoûm	330	4	20	02	2	8	cb	16.0	13	6	18	-3	63	0
Minya (A)	250	2	8	02	2	7	Sc	16.8	14	2	19	-1	45	0
Asyoût (A)	00	0	10	03	0	7	AC, AS	17.5	15	4	20	-1	48	0
Nag' Hamâdi	00	0		01	0	2	AC	17.9	11	4	20	-1	63	0
Qena	00	0		03	1	2	ci	17.2	11	2	18	-5	54	0
Luxor (A)														
Aswân	00	0	10	01	0	2	AS	17.8	12	2	18	-5	51	0
Sîwa	300	7	14	01	1	1	Sc, cu	15.6	11	2	15	-4	54	0
Baharîya	00	0	10	02	2	6	AC	17.4	10	5	18	-2	71	0
Farafra	00	0	12	02	0	3	Sc, cu	19.1	11	2	18		54	0
Dakhla	310	11	5	03	2	8	ci	18.4	15	1	19	-3	39	0
Kharga	00	0	10	03	2	5	ci	17.2	9	3	20	-2	67	0
Suez	00	0	10	01	0	0	—	17.2	12	5	18	-2	63	0
Tôr														
Hurghâda	280	12	10	02	0	2	ci	16.8	12	5	18	-2	63	0
Quseir	270	10	20	01	2	5	ci	16.2	16	3	19	-4	42	0
Port Sûdân	330	9	20	03	0	8	St	14.2	21	13	25		61	0
Wâdi Halfa	30	4	20	01	2	5	CS	18.0	13	-1	19		38	0
Abu Hamad	340	5	24	03	2	8	AC, AS	15.3	17		22			0
Kareima	340	2	21	01	1	4	AC	15.7	18	-1	26		28	0
Atbara	340	8	20	03	0	3	AC	13.5	21	-3	26		20	0
Khartoûm														
Kassala	330	2	20	02	0	0	—	9.9	25	15	31		54	0
Wâd Medani											28			
Renk											31			
Roseires											28			
El Obeid	30	5	20	01	1	0	—	11.6	19	1	24		30	0
El Fasher											26			
Geneina	40	6	50	01	0	0	—	14.6	18	-1	26		28	0
Malakâl	40	5	20	02	0	0	—	10.2	25	13	31		48	0
Wâu	10	2	20	01	2	0	—	9.8	25	10	31		39	0
Juba	00	0	20	04	1	2	ci	7.4	25	16	33		58	0

Stations

Area	Index Number	Station
Mediterranean	62300	Salloûm
	303	Sîdi Barrâni
	306	Matrûh (A)
	309	El Dab'aa
	319	Alexandria
	318	Alexandria (A)
	330	Damietta
	333	Port Sa'îd (A)
	336	El 'Arish
Lower Egypt	339	Damanhûr
	342	Mansûra
	348	Tanta
	360	Shebîn El Kôm
	354	Zagazig
	441	Isma'ilia
Cairo Area	366	Cairo (A)
	372	Cairo Almâza (A)
	374	Cairo Ezbekîya
	375	Giza
	378	Helwân
Upper Egypt	381	Fayoûm
	387	Minya (A)
	393	Asyoût (A)
	399	Nag' Hamâdi
	402	Qena
	405	Luxor (A)
	414	Aswân
Oases	417	Sîwa
	420	Baharîya
	428	Farafra
	432	Dakhla
	435	Kharga
Red Sea	450	Suez
	459	Tôr
	462	Hurghâda
	465	Quseir
	641	Port Sûdân
North Sudan	600	Wâdi Halfa
	640	Abu Hamad
	660	Kareima
	680	Atbara
	721	Khartoûm
	750	Kassala
Central Sudan	751	Wâd Medani
	801	Renk
	802	Roseires
	771	El Obeid
	760	El Fasher
	770	Geneina
S. Sûdân	840	Malakâl
	880	Wâu
	941	Juba

SHIP REPORTS in code.

At 0600 on THURSDAY 10th JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Total from Oct. 1st	Normal from Oct. 1st
Salloûm	270	10	18	02	2	5	Sc, cs	14.6	-3.2	6	-5	5	-4	46	0	202	
Sîdi Barrâni	240	13	15	01	2	5	cu, AC	13.8		6	4	5		87	0	149	
Matrûh (A)	210	9	16	02	2	4	AC, ci	14.3	-4.3	6	4	4		87	0	134	
El Dab'aa	220	5	10	00	0	3	ci	14.7		7	2	4		71	0	94	
Alexandria	220	12	20	02	0	4	cu, Sc	15.6	-3.3	9	4	8	-2	71	dr	120	113
Alexandria (A)	220	10	12	03	0	4	cu, AC	15.4	-2.5	9	4	8	-2	71	0	75	82
Damietta	200	2		03	1	7	Sc	16.4	-1.6	9	7	6	-2	88	dr	115	49
Port Sa'îd (A)	270	3	15	02	2	7	cu, Sc	15.7	-2.3	12	5	10	-2	63	0		
El 'Arish																	
Damanhûr	230	2	10	03	0	4	AC	16.2	-2.4	7	5	5	-3	87	0	52	44
Mansûra	00	0		03	1	7	NS	16.0	-2.5	8	6	7	-1	88	dr	39	20
Tanta	00	0	20	01	1	4	cb	16.0	-2.2	7	5	2	-4	87	0	33	16
Shebîn El Kôm	220	2	10	01	1	2	cu	16.7		10	6	8		76	0	26	
Zagazig	220	1	10	02	2	8	cu	15.9	-3.2	9	7	6	-1	88	0	25	11
Isma'ilia																	
Cairo (A)	170	6	12	01	2	5	Sc	16.3		12	5	10		63	0	14	
Cairo Almâza (A)	160	6	12	01	2	6	Sc	16.1	-3.0	11	4	10	+1	63	0	15	
Cairo Ezbekîya										11	5	8	0	67	0	18	10
Giza	230	5	8	03	—	5	Sc	16.7	-2.9	10	6	6	0	76	0	19	11
Helwân	70	5	10	02	2	7	AC	17.0	-2.7	10	6	8	0	76	0	12	11
Fayoûm	00	0	20	02	2	8	cb	17.1	-2.3	9	4	7	+1	71	0	6	3
Minya (A)	00	0	8	02	0	3	Sc	16.7	-3.6	9	4	4	-1	71	0	dr	
Asyoût (A)	200	2	12	01	6	4	AC	18.2	-2.1	12	5	10	+3	63	dr	dr	
Nag' Hamâdi	290	1		02	0	3	AC, AS	18.2	-1.6	11	4	5	-1	63	0	1	
Qena	00	0	10	03	1	3	ci	18.4	-0.7	6	4	3	-4	87	0	dr	
Luxor (A)	00	0	20	00	0	1	AC	17.9	-1.4	10	1	4		54	0	0	
Aswân	00	0	12	03	0	2	AC, ci	19.2	+0.1	10	3	4	-6	62	0	0	
Sîwa	290	4	14	21	1	5	AS	16.4	-4.3	7	4	5	+1	81	dr	21	5
Baharîya	220	6	10	02	5	7	St	17.2	-3.1	9	7	6	+1	88	dr	2	4
Farafra	270	3	14	01	2	3	Sc	19.7		9	2	6		62	0	0	
Dakhla	340	2	14	03	0	3	AC, ci	19.9	-0.6	8	0	5	0	58	0	1	
Kharga	00	0	8	02	2	6	Sc, cu	17.5	-2.0	10	2	2	-4	58	0	3	
Suez	00	0	10	00	0	7	cu, Sc	16.4	-2.4	12	3	8	-2	55	0	17	9
Tôr																	7
Hurghâda	310	5	22	02	2	7	cu, ci	16.6	-1.1	12	0	6	-4	44	0	dr	
Quseir	270	6	20	02	2	6	Sc, cu, CS	16.7	-1.1	14	3	11	-3	48	0	0	4
Port Sûdân	320	8	20	03	2	8	St	15.3		20	6	20		41	0		
Wâdi Halfa	00	0	20	01	0	1	ci	20.6		7	0	5		62	0		
Abu Hamad	360	9	20	01	2	3	AC	17.7		14	-3	13		32	0		
Kareima	350	7	21	02	0	2	ci	19.3		11	-1	9		44	0		
Atbara	350	10	20	07	0	4	AC, ci	16.2		16	-3	15		28	0		
Khartoûm	360	3	20	02	0	1	AC	16.7		17	-2	15		28	0		
Kassala	340	3	20	07	1	6	St	13.6		18	5	12		42	0		
Wâd Medani	360	9	20	02	0	1	AC	16.7		17	-2	13		28	0		
Renk	360	9	20	02	0	2	AC	15.8		20	0	16		26	0		
Roseires	310	5	20	02	0	0	—	14.3		19	2	17		32	0		
El Obeid	360	12	12	01	0	2	AC, ci	17.1		14	-3	11		32	0		
El Fasher	10	6	30	01	2	5	AS	19.0		12	-1	10		41	0		
Geneina	40	11	50	01	0	1	AC	19.4		11	-5	10		33	0		
Malakâl	140	13	20	02	0	1	CS	12.7		22	-2	19		20	0		
Wâu	20	2	20	02	0	0	—	12.9		20	7	17		42	0		
Juba	00	0	20	04	0	4	AC, CS	12.5		23	13	16		32	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1		10-1	
TIME	14		14		14		14		14		14		14		15		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	14	260	37	270	12	210	12	280	12	250	15	260	14	270	12	260	10	280	44	290	17
600 m.	290	17	250	25	250	16	210	14	270	16	260	12	260	16	290	9	260	14	280	35	300	17
1000 m.	260	17	250	47	250	21	210	15	270	16	250	17	270	17	270	17	250	13	270	25	320	28
1500 m.	280	8	260	11	240	28	220	17	270	17	290	22	260	20	280	23	260	14	260	30		
2100 m.	290	7			250	22	220	23	270	22	230	20	270	17	260	26	240	11	270	40		
2400 m.					240	20	210	26	280	23			260	20	260	28	250	10	270	28		
3000 m.					230	19											270	8				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Kharga		Hurghada						Cairo (A)		Minya		Asyout		Siwa		Dakhla		Kharga			
DATE	10-1		10-1						11-1		11-1		11-1		11-1		11-1		11-1			
TIME	14		14						2		2		2		2		4		4			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	22	280	25					220	11	260	7	260	12	310	10	280	13	230	10		
600 m.	290	13	270	23					230	18	280	12	260	17	330	10	290	29	260	10		
1000 m.	310	35	270	10					250	20	270	14	250	15	310	16	310	25	260	9		
1500 m.			240	14							270	21	230	15	330	22	310	21	330	9		
2100 m.			250	16							270	16	260	17	340	16						
2400 m.			240	20							290	19	250	16	330	25						
3000 m.			240	27											330	21						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga		Hurghada			
DATE	11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1			
TIME	8		8		8		8		8		8		8		8		8		8			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	29	240	18	230	6	270	11	250	5	210	4	290	10	310	13	250	7	280	12		
600 m.	260	17	250	29	270	14	270	19	250	3	210	4	290	12	320	20	340	8	270	13		
1000 m.	250	28	250	29	280	12	270	16	260	6	230	3	280	16	310	31	300	16	270	14		
1500 m.	250	15	260	30	250	13			290	12	190	6	310	23			290	18	290	15		
2100 m.	280	19			240	17			290	21	210	17	340	24					280	23		
2400 m.									290	24	350	2	330	19					280	26		
3000 m.									290	27									280	20		
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	10-1																					
TIME	14																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °c.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED		
Surface	70	13																				
1000 mb.	137	12		230	10																	
950 mb.																						
900 mb																						
850 mb.	1469	0		260	17																	
800 mb.																						
700 mb.	2987	-11		230	22																	
600 mb.																						
500 mb.	5473	-30		220	21																	
400 mb.	7041	-35		240	78																	
300 mb.	9025	-40		230	117																	
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7 F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *Friday 11th January*, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon today to noon tomorrow:*

Cold weather still prevails all over the Republic. Lower medium clouds, increasing at times with scattered showers from north coast to Middle Egypt. Mod. to fresh W/SW winds.

In Upper Egypt: Mod. NW winds. Some medium clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 52 U.T. / Sunset 15 14 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 10th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	250	12	18	03	2	7	Sc, ci	13.9	14	-2	34
	303	SÎDI BARRÂNI	240	12	16	02	2	7	Sc, ci	13.5	13	6	63
	306	MATRÛḤ (A)	220	16	16	03	2	7	Sc, cu, AC	13.8	14	3	48
	309	EL ḌAB'AA	270	7	20	00	0	6	cs	13.8	15	1	39
	319	ALEXANDRIA	270	18	20	03	0	5	cu	13.5	14	5	55
	318	ALEXANDRIA (A)	240	20	12	02	2	5	cu, AC	13.3	15	4	48
	330	DAMIETTA	200	9		02	5	7	Sc	13.9	14	8	67
	333	PORT SA'ÎD (A)	280	11	12	01	6	5	cu, AC	13.5	14	7	63
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	9	20	01	1	3	cu	13.6	17	4	42
	342	MANṢÛRA	270	5		01	1	3	cu	13.5	16	5	49
	348	ṬANṬA	220	11	20	01	1	3	cu	14.7	16	5	49
	360	SHEBÎN EL KÔM	250	9	20	01	1	2	cu	15.1	16	3	42
	354	ZAGAZIG	220	1	20	03	1	3	cu	14.9	14	8	67
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	290	14	7	25	6	8	cu	15.4	10	7	82
	372	CAIRO ALMÂZA (A)	240	12	25	20	5	7	Sc, cu	15.2	9	7	88
	374	CAIRO EZBEKÎYA											
	375	GIZA	320	10	10	03		7	Sc	15.2	11	5	67
	378	ḤELWÂN	250	11	20	02	6	8	cb	14.6	12	3	55
Upper Egypt	381	FAYOÛM	330	6	20	20	5	7	cb	15.2	18	9	77
	387	MINYA (A)	300	12	8	02	6	5	cb, AC	15.4	16	0	34
	393	AṢYOÛT (A)	270	17	14	03	1	6	Sc	15.6	17	-2	28
	399	NAG' HAMÂDI	290	1		01	2	4	AC, cs	15.9	11	4	42
	402	QENA	290	4	20	02	1	3	ci	15.1	17	4	42
	405	LUXOR (A)	290	5	22	02	1	4	Sc, cu	15.5	18	1	32
	414	ASWÂN	300	12	13	03	1	5	AC	15.1	20	0	26
Oases	417	SÎWA	80	14	14	03	1	6	cu, cs	15.5	13	4	35
	420	BAHARÎYA	240	8	20	02	5	6	Sc	15.3	14	7	63
	423	FARAFRA											
	432	DAKHLA	310	11	14	03	1	5	Sc, cu, ci	18.3	16	-5	24
	435	KHARGA	310	7	15	03	1	4	cu	16.2	19	0	28
Red Sea	450	SUEZ											
	459	TÔR											
	462	HURGHÂDA	310	19	22	02	0	0	—	13.5	19	-2	24
	465	QUSEIR	300	12	20	01	1	5	Sc, cu	14.2	21	1	21
	641	PORT SÛDÂN	360	10	20	02	2	8	Sc	11.8	23	16	65
North Sudan	600	WÂDI HALFA	310	14	20	02	0	2	AC	17.0	19	1	30
	640	ABU ḤAMAD	340	5	40	03	2	7	AC, As	14.7	20	-5	18
	660	KAREIMA	330	9	21	03	0	7	AC, As	15.7	20	-2	23
	680	'AṬBARA	330	11	20	02	0	1	AC	12.4	24	-4	16
	721	KHARṬOÛM	360	15	20	02	0	1	AC	12.6	23	-5	15
	730	KASSALA	340	8	20	02	0	0	—	8.4	27	15	48
Central Sudan	751	WÂD MEDANI	310	13	20	02	0	0	—	11.0	27	0	17
	801	RENK	310	9	20	02	0	1	AC	12.0	27		
	802	ROSEIRES	50	5	19	80	9	6	ci			0	
	771	EL OBEID											
	760	EL FASHER	360	8		23	1	5	cs	12.8	23	0	32
	770	GENEINA											
S. Sûdân	840	MALAKÂL	10	10	20	03	0	1	AC	8.4	31	5	19
	880	WÂU											
	941	JUBA	130	2	20	02	1	8	As	7.5	31	13	33

At 1800 on 10th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs mms
SALLOÛM	290	10	16	02	2	8	Sc, cs	15.3	10	-3	15	-4	41	0
SÎDI BARRÂNI	250	13	18	02	2	7	NS	14.4	10	6	14		76	0
MATRÛḤ (A)	260	10	10	01	2	5	Sc, AC	14.7	10	5	15		71	0
EL ḌAB'AA	270	11		00	0	7	cu	14.1	11	4	16		63	0
ALEXANDRIA	220	24	20	60	6	8	cu, Sc	14.4	10	6	15	-4	76	0.1
ALEXANDRIA (A)	240	26	8	81	8	8	cu, Sc	14.9	11	5	17	-1	67	1
DAMIETTA	200	5		00	1	0	—	14.4	9	7	14	-4	88	dr
PORT SA'ÎD (A)	240	14	12	13	1	1	cu	14.2	12	5	16	-2	63	dr.
EL 'ARISH														
DAMANHÛR	230	5	10	01	6	2	Sc, cu	14.3	9	4	17	-3	71	dr
MANṢÛRA	00	0		03	1	4	cu	14.6	9	4	17	-3	71	0
ṬANṬA	180	2	20	01	1	3		14.4	9	2	16	-4	62	0
SHEBÎN EL KÔM	250	2	10	01	1	1	cu	14.6	10	6	16		76	0
ZAGAZIG	140	1	10	02	0	0	—	14.6	9	7	18	-2	88	0
ISMA'ILÎA														
CAIRO (A)	160	12	10	01	6	1	Sc	15.8	12	6	14		67	2
CAIRO ALMÂZA (A)	170	13	15	02	0	2	AC	15.8	9	6	14	-5	82	4
CAIRO EZBEKÎYA											15	-5		
GIZA	320	10	6	01	1	3	Sc	16.2	9	6	15	-4	82	1
ḤELWÂN	160	3	10	02	6	3	AC	16.2	8	3	13	-4	71	3
FAYOÛM	330	6	20	51	5	6	cb	16.0	9	7	14	-7	88	dr
MINYA (A)	290	6	7	03	1	6	Sc	17.1	11	-1	11	-3	44	dr
AṢYOÛT (A)	270	4	10	01	6	0		18.1	11	2	18	-3	54	0
NAG' HAMÂDI	00	0		02	0	3	AC	18.2	10	6	19	-2	76	0
QENA	00	0		02	5	2	ci	17.9	10	5	18	-5	71	dr.
LUXOR (A)														
ASWÂN	280	10	10	01	0	2	AC	18.0	15	-2	21	-2	32	0
SÎWA	240	2	14	01	1	2	AC	15.2	9	6	14	-5	82	0
BAHARÎYA	270	1	10	02	6	0	—	17.3	9	4	16	-4	71	dr
FARAFRA	270	3	12	01	2	3	AC	19.6	10	-2	16		44	0
DAKHLA	260	4	9	01	2	0	—	19.5	11	-6	20	-2	30	0
KHARGA	00	0	8	01	0	0	—	18.3	9	-1	20	-2	50	0
SUEZ	270	6	10	01	6	4	cu	16.8	13	1	18	-2	44	dr
TÔR														
HURGHÂDA	300	11	12	01	5	1	Sc	16.2	12	1	20	0	41	0
QUSEIR	270	2	20	01	1	2	ci	15.8	17	2	22	-1	37	0
PORT SÛDÂN	350	10	20	02	2	7	Sc	14.6	22	16	25		69	0
WÂDI HALFA	310	12	20	02	0	0	—	19.6	14	-2	20		34	0
ABU ḤAMAD	340	5	30	02	2	7	AC, As	17.2	17	-2	20		28	0
KAREIMA	360	2	21	05	2	7	AC, As	17.9	17	-1	20		30	0
'AṬBARA	350	9	20	02	0	1	AC	15.9	18	-4	25		12	0
KHARṬOÛM	330	12	20	03	0	4	AC	15.5	19	-4	25		21	0
KASSALA	320	7	20	02	0	0	—	11.2	23	4	29		29	0
WÂD MEDANI														
RENK														
ROSEIRES											32			
EL OBEID	360	7	20	02	0	0	—	13.8	18	-1	24		28	0
EL FASHER	10	6	20	01	1	4	AC, cs	15.4	18	0	24		30	0
GENEINA	40	8	50	02	0	0	—	13.2	19	-4			21	0
MALAKÂL	10	5	20	02	2	6	AC, As	10.1	25	9	32		26	0
WÂU	10	1	20	02	0	0	—	8.3	26	11	33		40	0
JUBA	00	0	10	04	0	0	—	7.5	25	13	25		48	0

SHIP REPORTS in Code: 533 44 316 18 717 26 98021 161 14 734 AA 255 01

At 0600 on FRIDAY 11th JANUARY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Bar Diff from normal mb	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	270	14	18	02	2	7	Sc, ci	16.8	-1.0	10	3	8	-1	62	2	204	
SÎDI BARRÂNI	250	21	15	02	5	7	Sc	14.9		14	10	8		77	3	152	
MATRÛḤ (A)	250	19	15	03	2	6	cb	14.1	-4.5	9	7	8		88	0.2	125	
EL ḌAB'AA	200	9	10	00	0	7	cu	13.9		9	4	7		71	0	94	
ALEXANDRIA	220	22	20	03	8	7	cu, Sc	13.6	-5.3	9	7	9	-1	88	30	150	115
ALEXANDRIA (A)	240	26	8	80	8	7	cu, Sc	13.7	-4.2	9	6	8	-2	82	48	123	82
DAMIETTA	200	2		03	1	4	cu	14.2	-3.8	8	6	5	-3	88	dr	115	50
PORT SA'ÎD (A)	270	16	12	02	2	7	cu, AC	12.9	-4.1	9	5	8	-4	76	0		
EL 'ARISH																	
DAMANHÛR	230	18	10	03	6	5	cu	14.4	-4.2	10	6	7	-1	76	9	61	45
MANṢÛRA	220	7		50	1	8	cu, Sc	14.2	-4.2	10	6	6	-1	76	dr	39	20
ṬANṬA	240	10	20	03	6	8	St	15.9	-3.3	9	4	5	-1	71	dr	22	17
SHEBÎN EL KÔM	250	5	10	03	2	6	cu, Sc	15.1	-4.0	10	6	8		76	0	26	
ZAGAZIG	180	2	10	02	2	7	ci	14.6	-4.5	8	6	6	-1	88	0	25	11
ISMA'ILÎA																	
CAIRO (A)	190	14	12	03	2	6	Sc	15.5		7	4	7		81	2	16	
CAIRO ALMÂZA (A)	200	12	15	02	2	6	Sc	16.2	-2.9	7	3	6	-3	76	4	19	
CAIRO EZBEKÎYA										8	4	6	-2	76	0.4	19	11
GIZA	200	7	8	02	—	6	cu, Sc	17.0	-2.6	6	3	5	-1	81	1	20	12
ḤELWÂN	160	10	10	02	1	4	Sc	17.2	-2.5	5	2	4	-4	81	3	15	11
FAYOÛM	360	4	20	01	1	2	St	18.0	-1.4	5	3	3	-3	87	2	8	3
MINYA (A)	140	5	7	03	1	4	AC	18.1	-2.2	8	0	3	-2	58	0	dr	
AṢYOÛT (A)	180	3	10	02	2	7	Sc	19.1	-1.2	8	2	6	-1	66	0	dr	
NAG' HAMÂDI	00	0		02	1	4	AC, cs	19.0	-0.8	7	-1	3	-3	57	0	1	
QENA	270	2	10	00	0	0	—	19.5	+0.4	8	0	3	-4	58	dr.	dr	
LUXOR (A)	180	8	20			0	—	19.0	-0.3	8	-2	3		50	0	0	
ASWÂN	320	2	12	02	0	0	—	19.8	+0.7	8	0	4	-6	58	0	0	
SÎWA	350	2	15	03	0	1	AC	18.3	-2.4	3	2	2	-4	93	0	21	5
BAHARÎYA	220	3	10	03	5	0	—	18.0	-2.3	6	6	4	-1	97	dr	2	4
FARAFRA	290	1	14	01	1	3	Sc	20.1		9	4	6		71	0	0	
DAKHLA	90	1	8	01	2	5	Sc	20.8	+0.3	5	0	2	-3	70	0	1	
KHARGA	00	0	6	01	2	7	Sc, cs	19.0	-0.6	4	-2	2	-4	65	0	3	
SUEZ	270	6	20	00	0	5	cu	17.0	-1.8	11	4	6	-4	63	2	19	9
TÔR																	8
HURGHÂDA	300	9	15	02	0	2	cu	16.8	-0.9	10	1	5	-5	54	dr	dr	
QUSEIR		2	20	01	0	1	ci	17.3	-0.5	12	3	9	-5	55	0	0	4
PORT SÛDÂN	340	10	20	02	2	7	Sc	15.0		20	5	18		38	0		
WÂDI HALFA	160	2	20	02	0	0	—	22.2		6	-2	4		57	0		
ABU ḤAMAD	340	5	24	01	2	6	AC	19.8		12	-3	12		36	0		
KAREIMA	340	4	21	01	1	3	AC	20.4		12	-3	11		36	0		
'AṬBARA	350	15	10	07	1	1	AC	16.9		15	-1	13		24	0		
KHARṬOÛM	360	16	20	02	0	2	ci	18.4		15	-2	13		32	0		
KASSALA																	
WÂD MEDANI																	
RENK																	
ROSEIRES	50	5	20	02	0	0	—	15.5		19	0	15		28	0		
EL OBEID	20	15	20	02	0	0	—	18.8		13	0			41	0		
EL FASHER	350	18	30	02	2	6	AC, cs	20.0		11	-2	10		41	0		
GENEINA	50	14	50	02	0	0	—	20.3		11	-4	10		25	0		
MALAKÂL	20	20	20	01	1	3	AC, As	15.1		19	-6	18		18	0		
WÂU	20	4	25	02	0	0	—	14.1		19	5	17		40	0		
JUBA	350	2	20	04	1	2	ci	11.7		15	12	16		82	0		

* 9 = Sky obscured by fog etc.

(A) = AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharciya		Dakhla		Kharga	
DATE	11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1		11-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	18	220	27	200	18	280	8	290	11	300	15	280	8	290	10	280	22	300	16	350	10
600 m.	320	18	230	21	230	22	280	8	290	11	280	16	280	7	320	17	280	24	310	16	310	11
1000 m	320	20	250	15	240	24	270	14	290	10	280	13	280	11	330	17	280	22	300	20	270	4
1500 m.	320	21			270	27			310	20	280	12	300	16	330	21	310	36			300	7
2100 m.	320	17			290	30			310	27	280	13			300	17	350	20				
2400 m.	310	17			300	29			310	26	270	14			330	13	330	26				
3000 m.	310	22			310	22									340	20						
4000 m.					300	18																
5000 m.					310	31																
6000 m.					320	39																

STATION	Hurghada		S. Barrani		Alex. (A)		Minya		Asyout		Siwa		Dakhla		Kharga		Dakhla		Kharga		Hurghada	
DATE	11-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1	
TIME	14		3		2		2		2		2		4		4		8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	270	20	230	19	260	16	240	7	270	5	280	17	340	4	360	7	340	3	30	4	320	14
600 m.	270	15	270	15	280	18	270	3	280	9	290	18	360	9	360	17	270	5	20	10	340	10
1000 m.	270	10	270	15	280	17	300	7	270	9	280	11	20	12	10	12	50	7	20	7	40	4
1500 m.	240	15	260	15			320	16	320	9	250	10	240	5			80	11	30	20	120	7
2100 m.			250	15			340	10	300	6	280	10									340	7
2400 m.			250	12			340	11	290	5	260	17									10	12
3000 m											320	10									310	11
4000 m																						
5000 m.																						
6000 m																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharciya	
DATE	12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1	
TIME	8		8		8		8		8		8, 15		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	20	260	22	260	20	240	24	220	15	180	3	140	2	20	7	20	5	250	14	230	5
600 m	240	25	270	21	260	17	240	24	230	16	320	6	220	2	10	10	20	16	280	10	220	5
1000 m	250	15	270	19	240	14	220	16	220	11	310	6	300	4	10	13	30	9	240	11	270	10
1500 m	240	14	260	19	250	19	240	13	270	6	320	5	360	11	20	10	10	10	240	10	260	11
2100 m	210	7	280	20			260	13	320	6	280	7	280	4	30	10	350	14			250	6
2400 m							270	17	300	4	320	10	350	4	40	10	340	6			250	4
3000 m.											300	10	350	13	20	16					240	12
4000 m.															350	16					290	10
5000 m																					320	14
6000 m																					330	14

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	11-1																					
TIME	14																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	12																		
1000 mb.	145	12		180	16															
950 mb																				
900 mb																				
850 mb	1483	3		270	27															
800 mb																				
700 mb.	3022	-8		310	22															
600 mb.																				
500 mb	5552	-26		310	31															
400 mb	7141	-34		330	54															
300 mb.	9099	-48		340	78															
200 mb.	11750	-51																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 12th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temp. all over the Republic, but weather is still cold by night. Mainly clear, some low & high cloud over Lower Egypt and Cairo. Mod. W&y winds.

In Upper Egypt: Clear sky. Light NW winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 04 52 U. T.
Sunset 15 15 U. T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 11th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
62300	SALLOÛM	270	14	18	02	6	7	NS	17.4	16	3	42
303	SÎDI BARRÂNI	320	17	15	02	6	6	Cu	16.6	16	10	68
306	MATRÛH (A)	310	19	16	02	2	4	Cb	16.1	16	9	64
309	EL DAB'AA	240	6	20	00	0	3	Cu	15.0	17	11	68
319	ALEXANDRIA	310	16	20	01	6	5	Cu, Sc	14.7	15	13	88
318	ALEXANDRIA (A)	280	9	10	02	8	6	Cu, Sc	14.4	16	12	77
330	DAMIETTA	200	5	10	02	1	4	Cb	14.0	14	10	77
333	PORT SA'ÎD (A)	250	14	18	03	2	8	Cu, Sc, Ac	14.1	13	8	72
336	EL 'ARISH											
339	DAMANHÛR	230	9	10	01	1	4	Ac	15.2	15	5	52
342	MANSÛRA	270	3		03	1	6	Ns	14.9	12	9	82
348	TANTA	260	14	20	01	1	4	Cu	15.2	16	8	59
360	SHEBÎN EL KÔM	250	9	20	03	2	6	Cu, Sc	14.7	15	7	59
354	ZAGAZIG	220	1	20	02	2	8	Cu	14.6	14		
441	ISMA'ILÎA											
366	CAIRO (A)	200	17	12	01	2	7	Cu, Sc, Ac	15.5	12	4	59
372	CAIRO ALMÂZA (A)	200	14	25	02	2	7	Sc	15.7	12	5	63
374	CAIRO EZBEKÎYA											
375	GIZA	250	10	10	01	2	7	Sc	15.8	12	5	59
378	HELWÂN	160	16	10	02	5	8	Cb	16.6	12	5	63
381	FAYOÛM	360	6	20	03	2	6	Cb	16.4	15	6	55
387	MINYA (A)	270	9	8	02	0	2	Ac	17.4	16	1	36
393	ASYOÛT (A)	270	8	14	01	1	4	Cu	18.3	15	2	42
399	NAG' HAMÂDI	00	0	10	02	0	4	Ac, Cs	18.3	17	4	42
402	QENA	290	4	20	03	1	3	Ci	18.4	15	4	48
405	LUXOR (A)	290	15	22	03	0	3	Cu	18.0	16	2	39
414	ASWÂN	180	5	16	03	0	1	Ci	17.8	18	1	32
417	SÎWA	300	13	16	02	2	2	Cu	14.4	15	8	63
420	BAHARÎYA	290	8	20	01	0	0	—	17.6	16	7	56
423	FARAFRA	290	8	20	01	1	2	Cu	19.3	14	3	48
432	DAKHLA	350	10	10	02	2	5	Cu	19.8	16	-1	32
435	KHARGA	310	2	15	01	2	5	Cu	18.6	17	4	42
450	SUEZ	270	7	50	03	0	6	Cu	15.8	15	1	39
459	TÔR											
462	HURGHÂDA	290	16	22	02	2	6	Cu, Sc	16.0	18	-1	28
465	QUSEIR	270	9	20	03	1	5	Sc, Cu, Ac	16.6	18	3	37
641	PORT SÛDÂN	40	13	20	01	2	1	Sc	13.3	23	9	41
600	WÂDI HALFA	340	12	20	02	0	0	—	20.1	17	2	28
640	ABU HAMAD	340	9	24	02	2	6	Ac	17.2	20	-7	16
660	KAREIMA	360	10	21	02	1	4	Ac	17.8	20	-4	19
680	ATBARA	340	14	10	07	0	1	Ac	15.3	21	-8	14
721	KHARTOÛM	360	13	20	02	0	1	Ac	14.9	22	-4	17
730	KASSALA	340	5	20	01	2	5	Ac	10.0	27	5	25
751	WÂD MEDANI	360	13	20	02	0	0	—	13.0	24	-3	17
801	RENK	310	13	20	02	0	0		12.9	26	-2	16
802	ROSEIRES	310	5	20	02	0	0	—	8.7	27	4	23
771	EL OBEID	20	14	20	02	0	0		13.7	21	-4	18
760	EL FASHER	20	7	30	03	2	7	Ac, Cs	14.7	21	-1	23
770	GENEINA	70	14	50	02	0	0	—	15.2	21	-12	10
840	MALAKÂL	20	16	20	03	0	1	Ac, Cs	9.8	28	-4	12
880	WÂU	20	8	20	02	0	0	—	9.2	28	2	19
941	JUBA	360	5	20	04	0	1	Ci	5.9	33	8	21

At 1800 on 11th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	280	10	14	01	1	0	—	19.0	12	7	16	-3	72	dr
303	SÎDI BARRÂNI	280	13	12	02	2	6	Cu	18.5	14	10	16		77	dr
306	MATRÛH (A)	240	10	12	03	0	3	Sc	18.9	11	8	17		82	0
309	EL DAB'AA	360	2		00	0	7	Cu	18.3	12	11	17		94	1
319	ALEXANDRIA	310	9	20	03	1	6	Cb, Ac, Cs	18.4	15	9	17	-2	68	0.3
318	ALEXANDRIA (A)	340	5	12	03	2	7	Cu, Sc	17.7	14	8	18	0	67	0.2
330	DAMIETTA	200	2		00	0	0	—	17.3			14	-4	71	0
333	PORT SA'ÎD (A)	250	13	12	01	1	1	Sc	16.9	11	9	14	-4	88	0
336	EL 'ARISH														
339	DAMANHÛR	230	2		10	6	1	Cu	17.2	12	8	17	-3	77	0.4
342	MANSÛRA	00	0		01	5	4	Sc, Cu	17.9	10	8	17	-3	88	dr
348	TANTA	00	0	20	01	1	2	Cu	18.0	10	8	17	-3	88	0
360	SHEBÎN EL KÔM	250	2	10	00	0	0	—	18.4	11	7	16		77	0
354	ZAGAZIG	220	1	10	02	2	3	As	16.8	12	10	15	-5	88	2
441	ISMA'ILÎA														
366	CAIRO (A)	170	11	12	80	8	7	Sc	19.6	11	8	13	[illegible]	82	dr
372	CAIRO ALMÂZA (A)	160	10	12	52	5	7	Sc	18.4	11	7	13	-6	77	1
374	CAIRO EZBEKÎYA											14	-6		
375	GIZA	180	5	8	03	8	6	Sc	19.2	11	7	14	-5	77	0.1
378	HELWÂN	160	4	10	02	2	7	Cu, Sc	19.4	11	4	12	-6	63	0
381	FAYOÛM	360	4	20	01	0	0	—	19.1	12	8	16	-5	77	0
387	MINYA (A)	310	2	7	01	2	3	Ac	19.7	17	3	17	-3	39	0
393	ASYOÛT (A)	180	3	12	02	0	0	—	21.2	10	1	16	-5	54	0
399	NAG' HAMÂDI	00	0		02	1	5	Ac, Cs	20.4	9	7	18	-3	88	0
402	QENA	00	0		00	0	0	—	20.2	9	4	16	-7	71	0
405	LUXOR (A)	00	0	12	02	0	2	Cu	21.0	10	2	17		58	0
414	ASWÂN	300	5	10	01	0	0	—	10.0	14	1	19	-4	42	0
417	SÎWA	290	1	14	02	0	1	Sc	21.2	12	7	16	-3	72	0
420	BAHARÎYA	240	5	10	01	0	0	—	20.4	10	9	16	-4	94	0
423	FARAFRA	290	3	12	00	1	0	—	23.2	10	5	14		71	0
432	DAKHLA	180	2	8	02	0	0	—	21.9	11	1	17	-5	51	0
435	KHARGA	00	0	10	02	0	0	—	21.1	10	3	18	-4	62	0
450	SUEZ	270	7	10	02	6	6	Cu	18.3	14	3	15	-5	48	dr
459	TÔR														
462	HURGHÂDA	290	11	10	02	0	1	Cu	19.2	12	-1	18	-2	41	0
465	QUSEIR	270	6	20	01	1	0	—	18.1	14	3	19	-4	48	0
641	PORT SÛDÂN	340	4	20			1	Sc, Ci	11.6	9		24			0
600	WÂDI HALFA			20	02	0	0	—	21.6	14	-1	17		36	0
640	ABU HAMAD	340	5	24	01	1	0		19.8	13	-4	21		31	0
660	KAREIMA	340	5	21	01	1	1	Ac	20.0	15	-4	21		27	0
680	ATBARA	360	9		02	0	1	Ac	18.4	16	0	22		34	0
721	KHARTOÛM	350	10									23			0
730	KASSALA	340	4	20	02	0	0	—	15.2	19	-1	27		26	0
751	WÂD MEDANI											25			
801	RENK											27			0
802	ROSEIRES											28			
771	EL OBEID											21			
760	EL FASHER	360	10	20	01	2	5	Ac, Cs	16.3	17	-4	23		24	0
770	GENEINA	40	7	50	02	0	0	—	16.5	15	-9	23		18	0
840	MALAKÂL	120	11	20	03	1	5	Cu, Ac	12.1	24	-5	29		15	0
880	WÂU	360	10	20	02	0	0	—	10.1	23	13	29		53	0
941	JUBA	350	3			4	0	—	7.5	26		34			0

At 0600 on SATURDAY 12th JANUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	14	16	03	1	7	Cu, Ci	19.4	+1.6	9	1	8	-1	58	dr	204	
	303	SÎDI BARRÂNI	220	13	16	03	1	5	Cu	19.1		9	7	7		88	dr	152	
	306	MATRÛH (A)	220	18	16	01	2	5	Ci	20.4	+1.8	9	7	8		88	0	135	
	309	EL DAB'AA	250	9	10	00	0	2	Ci	20.3		9	4	6		71	1	95	
	319	ALEXANDRIA	220	16	20	03	5	8	Cu, Sc	21.4	+2.5	11	9	11	+1	88	1	150	117
	318	ALEXANDRIA (A)	240	13	8	80	2	8	Cu, Sc	20.9	+3.0	11	9	10	0	88	1	124	84
	330	DAMIETTA	200	2		03	1	7	Sc	20.8	+2.9	9	9	5	-3	97	0	115	51
	333	PORT SA'ÎD (A)	260	6	7	03	0	1	Sc	19.8	+1.8	10	8	8	-4	88	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	230	5		03	1	6	Cu, Sc	20.8	+2.2	11	9	8	0	88	0.4	62	46
	342	MANSÛRA	180	3		03	1	7	Ns	21.2	+2.8	8	6	5	-2	88	dr	39	21
	348	TANTA	200	5	20	01	1	1	Cu	21.0	+1.8	10	8	5	-1	88	0	33	17
	360	SHEBÎN EL KÔM	220	2	10	01	1	4	Cu	21.1	+2.0	9	4	7		71	0	26	
	354	ZAGAZIG	220	1	10	01	2	3	As	20.3	+1.2	8	6	6	-1	88	2	27	12
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	160	16	16	03	1	6	Sc	22.3		10	6	8		76	dr	16	
	372	CAIRO ALMÂZA (A)	160	15	12	03	1	7	Sc	22.4	+3.3	9	6	8	-1	82	1	20	
	374	CAIRO EZBEKÎYA										10	6	6	-2	76	dr	19	11
	375	GIZA	180	7	10	02	—	7	Sc	23.6	+4.1	8	6	7	+1	88	0.1	20	12
	378	HELWÂN	00	0	4	05	2	8	Ac	23.4	+3.7	9	7	8	0	88	0.4	15	11
UPPER EGYPT	381	FAYOÛM	360	4	20	02	1	2	St	23.8	+4.4	8	5	5	-1	82	0	8	3
	387	MINYA (A)	170	3	7	02	0	0	—	23.3	+2.9	7	2	4	0	71	0	dr	
	393	ASYOÛT (A)	00	0	14	02	0	0	—	24.3	+4.1	9	3	6	-1	67	0	dr	
	399	NAG' HAMÂDI	00	0		02	0	2	As	23.2	+3.4	10	6	2	-3	76	0	1	
	402	QENA	360	3	10	00	0	0	—	24.7	+5.6	6	1	1	-6	71	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	24.2	+4.9	6	1	1		71	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	24.0	+4.9	9	3	3	-7	67	0	0	
OASES	417	SÎWA	00	0	14	03	1	6	Sc	22.4	+1.7	6	5	5	+1	93	0	21	5
	420	BAHARÎYA	00	0	10	02	0	3	St	23.9	+3.6	7	7	5	0	97	0	2	4
	423	FARAFRA	200	2	15	02	0	0	—	25.5		6	2	3		76	0	0	
	432	DAKHLA	00	0	9	01	2	5	Cb	25.5	+5.0	5	1	2	-3	76	0	1	
	435	KHARGA	00	0	10	02	0	0	—	23.1	+3.5	7	1	2	-4	66	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	4	Cu	23.4	+4.6	9	4	4	-6	71	dr	19	9
	459	TÔR																	8
	462	HURGHÂDA	290	14	22	02	0	1	Cu	22.2	+4.5	11	3	5	-5	58	0	dr	
	465	QUSEIR	280	8	20	03	0	1	Sc, Cu	22.6	+4.8	14	-1	10	-4	36	0	0	4
	641	PORT SÛDÂN	320	10	20	01	0	1	Sc	20.4		18	2	13		34	0		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	02	0	0	—	24.4		6	-1	3		61	0		
	640	ABU HAMAD	340	2	24	02	0	0	—	22.4		10	-1	6		47	0		
	660	KAREIMA	30	16	21	02	0	0	—	22.3		9	-2	7		47	0		
	680	ATBARA	10	1	20	07	0	0	—	20.5		12	-5	9		31	0		
	721	KHARTOÛM	360	18	20	01	0	0	—	19.8		13	-5	10		29	0		
	730	KASSALA	360	5	20	02	0	0	—	16.3		19	1	9		30	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	13	50	02	0	0	—	18.7		13	-10	6		19	0		
	801	RENK	360	9	20	02	0	0	—	17.3		17	-5	12		22	0		
	802	ROSEIRES	360	9	20	02	0	0	—	16.4		17	-5	14		22	0		
	771	EL OBEID	20	25	20	02	0	0	—	19.7		11	-3	7		38	0		
	760	EL FASHER	10	4	24	01	2	2	Cs	22.1		8	-5	5		40	0		
	770	GENEINA	50	12	50	01	0	1	Cs	20.3		9	9	8		97	0		
S. SÛDÂN	840	MALAKÂL	20	19	20	01	0	1	Cs	15.5		18	-8	16		17	0		
	880	WÂU	360	3	20	02	0	0	—	15.0		17	3	15		39	0		
	941	JUBA	360	3	20	04	1	4	Cs	11.3		22	6	15		36	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla		Kharga		Hurghada	
DATE	12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1		12-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	250	16	230	20	270	1	30	3	70	8	320	6	220	14	250	19	270	1	60	4	30	7
600 m.	250	22	230	23	230	3	220	2	30	3	30	7	220	17	250	16	40	2	40	5	20	3
1000 m.	230	14	240	21	260	9	320	2	20	5	20	5	230	15	250	21	90	2	40	6	260	6
1500 m.	220	25	240	14	220	5	300	3	270	1	290	4	240	16	240	13			120	3	270	4
2100 m.	260	22			260	8			70	6	60	4	250	20	80	9					290	3
2400 m.	260	21			200	9			40	10					240	10					350	6
3000 m.	240	22							360	10					220	16					70	8
4000 m.															270	13						
5000 m.															220	14						
6000 m.															230	13						

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Aswan		Dakhla		Kharga						Kharga		Hurghada	
DATE	13-1		13-1		13-1		13-1		13-1		13-1		13-1						13-1		13-1	
TIME	2		2		2		2		3		4		4						8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	230	32	210	30	180	13	140	4	20	10	320	5	30	3					120	4	300	6
600 m.	230	35	210	30	200	16	220	2	20	12	190	7	90	3					90	2	210	4
1000 m.	230	30	220	21	200	10	270	3	80	11	200	8	10	4					140	4	150	3
1500 m.	220	30	230	9	230	15	210	7	70	12			360	5							140	10
2100 m.	320	37	210	16	220	12	220	12	40	3											170	7
2400 m.							220	11	310	8											230	12
3000 m.							240	18													260	12
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S. Barrani		Alex.(A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	240	35	230	33	220	19	210	11	190	12	150	7	20	3	40	5	250	20	210	10	190	4
600 m.	260	35	240	36	210	20	240	18	220	13	190	6	170	4	100	8	250	21	200	12	190	10
1000 m.	260	35	230	34	210	24	290	23	220	13	200	3	150	7	100	8	260	20	220	25	170	12
1500 m.	270	26	240	32	220	26	220	28	240	13	200	13	150	11	100	5	230	9	240	23	220	9
2100 m.							230	21	220	16	240	13	270	4	330	6	250	16	240	23	210	12
2400 m.							240	23	220	19	270	17	240	4	290	4	260	17	270	26	200	11
3000 m.											240	20	260	8	250	18	260	31	260	33		
4000 m.													250	15	200	14	270	34	250	30		
5000 m.													250	18	240	27						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	12-1																					
TIME	14																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16																		
1000 mb.	180	15																		
950 mb.																				
900 mb.																				
850 mb.	1525	4																		
800 mb.																				
700 mb.	3090	-1																		
600 mb.																				
500 mb.	5685	-19																		
400 mb.	7305	-32																		
300 mb.	9281	-45																		
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 13th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour but not at time of observation
22	Snow	not falling as shower (s) — during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. about normal. Weather continues to be mild by day cold by night. Low & high clouds increasing on coast where rain may fall. Mod. SW winds.

In Upper Egypt: Clear sky. Mod. NW winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 52 U.T. — Sunset 15 16 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 12th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	270	25	18	01	1	3	cu, sc	16.8	17	-3	26
	303	SÎDI BARRÂNI	230	20	18	03	1	0	cu	17.6	16	12	77
	306	MATRÛH (A)	230	20	16	02	2	6	Sc, cu	18.6	17	8	56
	309	EL DAB'AA	250	8	20	00	0	4	ci	19.4	18	3	37
	319	ALEXANDRIA	220	6	20	01	1	5	cu, ci	19.1	16	8	59
	318	ALEXANDRIA (A)	260	18	14	02	8	8	cu, ci	19.8	18	9	56
	330	DAMIETTA	200	9	18	01	1	4	Ac	19.2	17	9	60
	333	PORT SA'ÎD (A)	200	12	15	03	1	5	cu, Ac, ci	19.9	17	12	72
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	9	10	02	1	5	cu	19.5	18	8	52
	342	MANSÛRA	220	5		01	1	4	cu	20.2	18	8	52
	348	ṬANṬA	220	7	20	03	2	5	cu	20.1	19	7	46
	360	SHEBÎN EL KÔM	220	5	20	01	1	4	cu	19.8	18	3	37
	354	ZAGAZIG											
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	190	12	14	03	1	6	cu, ci	20.7	17	8	56
	372	CAIRO ALMÂZA (A)	220	12	15	03	2	6	cu, ci	20.6	18	9	56
	374	CAIRO EZBEKÎYA											
	375	GIZA	230	5	10	02	2	6	cu, ci	21.2	18	8	52
	378	HELWÂN	180	8	20	02	2	6	cu, ci	21.4	16	8	59
Upper Egypt	381	FAYOÛM	360	4	20	02	1	3	cb	21.5	17	8	56
	387	MINYA (A)	290	6	12	02	0	2	cu	21.3	19	5	40
	393	ASYOÛṬ (A)	00	0	16	03	0	2	cu	22.0	18	2	34
	399	NAG' HAMÂDI	00	0	10	02	0	3	Ac	21.0	18	6	46
	402	QENA	290	3	20	00	0	0	—	21.9	17	4	42
	405	LUXOR (A)	340	6	22	02	0	0	—	21.1	19	5	40
	414	ASWÂN	40	3	15	02	0	0	—	20.7	20	0	26
Oases	417	SÎWA	260	14	16	01	2	3	cu	20.6	17	5	46
	420	BAHARÎYA	00	0	20	02	2	6	Sc	21.0	19	11	56
	423	FARAFRA	00	0	20	03	0	3	Sc, cu	22.5	19	8	49
	432	DAKHLA	00	0	20	03	0	2	cu	22.4	18	6	46
	435	KHARGA	40	1	20	03	0	1	cu	21.5	19	7	46
Red Sea	450	SUEZ	180	10	50	01	0	3	cu	21..	17	9	60
	459	TÔR											
	462	HURGHÂDA	20	8	22	02	0	1	cu	20.7	18	6	46
	465	QUSEIR	340	9	20	02	0	1	Sc, cu	20.9	19	7	46
	641	PORT SÛDÂN	10	16	10	07	0	1	Sc	17.6	23	13	53
North Sudan	600	WÂDI HALFA	30	8	20	02	0	0	—	20.3	18	0	30
	640	ABU HAMAD	50	5	30	02	0	0	—	17.4	21	-8	14
	660	KAREIMA	50	6	21	03	0	1	ci	17.8	21	-3	20
	680	'AṬBARA	20	11	20	03	0	1	ci	14.2	24	-6	10
	721	KHARṬOÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	360	9	20	02	0	0	—	12.1	25	-5	14
	801	RENK	310	9	20	02	0	0	—	12.4	26	2	21
	802	ROSEIRES	310	5	20	02	0	0	—	10.3	29	1	17
	771	EL OBEID	50	13	20	03	0	2	ci	13.1	22	-1	21
	760	EL FASHER	50	11	31	01	0	1	ci	14.7	21	-4	18
	770	GENEINA	70	11	50	02	0	0	—	13.2	23	-15	7
S. Sûdân	840	MALAKÂL											
	880	WÂU	40	7	20	02	0	1	ci	8.9	28	0	16
	941	JUBA	20	8	20	04	2	7	ci	7.1	32	5	18

At 1800 on 12th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	260	22	14	02	0	0	—	15.2	14	-5	17	-2	27	0
303	SÎDI BARRÂNI	210	16	15	01	0	0	—	15.6	12	8	17		77	0
306	MATRÛH (A)	190	8	12	01	0	0	—	17.9	11	5	17		67	0
309	EL DAB'AA	250	4	16	00	0	8	cu	18.8	14	5	18		55	0
319	ALEXANDRIA	220	8	20	01	1	1	cu	19.8	13	9	17	-2	77	0
318	ALEXANDRIA (A)	220	6	12	03	2	3	Sc	19.5	12	8	18	0	77	0.2
330	DAMIETTA	200	2		00	0	0	—	20.6	11	9	17	-1	88	0
333	PORT SA'ÎD (A)	240	12	12	01	0	1	Ac	20.6	13	10	18	0	82	0
336	EL 'ARISH														
339	DAMANHÛR	130	5	10	01	1	1	ci	20.0	12	8	19	-1	77	0
342	MANSÛRA	00	0		00	0	0	—	20.6	12	5	19	-1	63	0
348	ṬANṬA	180	2	20	03	2	7	NS	20.1	10	8	19	-1	88	0
360	SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	20.0	12	8	19		77	0
354	ZAGAZIG	00	0	10	02	0	0	—	19.9	13	9	20	0	77	0
441	ISMA'ILÎA														
366	CAIRO (A)	150	11	15	01	0	0	—	21.2	12	7	17		72	0
372	CAIRO ALMÂZA (A)	150	11	12	02	0	0	—	21.0	12	7	18	-1	72	0
374	CAIRO EZBEKÎYA											20	0		
375	GIZA	190	5	10	01	2	6	ci	21.5	12	7	18	-1	72	0
378	HELWÂN	180	8	10	01	1	0	—	21.8	12	5	16	-2	63	0
381	FAYOÛM	360	4	20	01	0	0	—	21.2	11	7	18	-3	77	0
387	MINYA (A)	00	0	8	02	0	0	—	21.2	13	4	20	0	55	0
393	ASYOÛṬ (A)	190	2	10	02	0	0	—	22.1	14	4	19	-2	52	0
399	NAG' HAMÂDI	00	0		02	0	2	AS	22.2	10	6	20	-1	76	0
402	QENA	00	0		00	0	0	—	21.8	9	7	18	-5	88	0
405	LUXOR (A)	00	0	12	02	0	0	—	21.8	10	0	20		50	0
414	ASWÂN	350	2	12	02	0	0	—	19.8	13	3	19	-4	51	0
417	SÎWA	220	7	14	03	1	6	Sc, cu	19.8	12	4	18	-1	59	0
420	BAHARÎYA	220	2	10	02	1	0	—	21.4	11	5	20	0	67	0
423	FARAFRA	270	2	12	00	0	0	—	22.5	13	2	20		48	0
432	DAKHLA	00	0	10	02	0	0	—	22.0	14	3	20	-1	48	0
435	KHARGA	00	0	6	02	0	0	—	21.1	10	6	20	-2	76	0
450	SUEZ	180	7	10	01	0	2	cu	21.4	16	10	18	-2	68	0
459	TÔR														
462	HURGHÂDA	200	4	12	02	0	0	—	21.0	11	4	18	-2	63	0
465	QUSEIR			20	01	0	0	—	21.3	16	10	19	-4	68	0
641	PORT SÛDÂN	320	10	20	01	0	1	Sc	17.7	19	13	25		68	0
600	WÂDI HALFA	20	8	20	02	0	0	—	20.8	13	-1	20		38	0
640	ABU HAMAD	20	5	24	02	0	0	—	17.7	15	-1	20		20	0
660	KAREIMA	20	6	21	01	0	0	—	17.6	17	-5	22		22	0
680	'AṬBARA	350	7	20	01	0	1	ci	15.4	16	-3	25		28	0
721	KHARṬOÛM	20	7	20	01	0	1	ci	15.1	19	-9	23		15	0
730	KASSALA	10	4	20	02	0	0	—	12.1	22	-9	28		12	0
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	30	7	20	01	0	0	—	15.0	16	-3	22		28	0
760	EL FASHER	40	3	20	03	1	6	ci	15.8	16	-2	22		30	0
770	GENEINA														
840	MALAKÂL	20	6	20	01	1	3	ci	11.1	22	3	30		29	0
880	WÂU														
941	JUBA	20	1	20	04	2	7	ci	8.3	23	9	34		41	0

At 0600 on SUNDAY 13th JANUARY 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff. from normal	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOÛM	290	18	20	02	0	0	—	14.3	-3.5	8	-2	8	-1	50	0	204	
303	SÎDI BARRÂNI	230	20	16	02	0	0	—	13.8		8	4	8		76	0	152	
306	MATRÛH (A)	210	24	15	02	0	0	—	13.2	-5.4	9	2	8		62	0	135	
309	EL DAB'AA	200	7	17	00	0	1	ci	15.3		9	2	9		62	0	95	
319	ALEXANDRIA	220	17	20	02	0	1	cu	17.3	-1.5	10	6	6	-4	76	0	150	118
318	ALEXANDRIA (A)	210	14	12	02	0	1	Sc	17.8	-0.1	9	5	8	-2	76	0.8	124	85
330	DAMIETTA	200	2	10	03	0	2	Cu	19.1	+1.2	10	6	7	-1	76	0	115	52
333	PORT SA'ÎD (A)	190	10	12	03	0	6	Sc	19.7	+1.7	11	7	9	-2	77	0		
336	EL 'ARISH																	
339	DAMANHÛR	180	5	10	02	0	0	—	19.0	+0.4	10	6	6	-2	76	0	62	47
342	MANSÛRA	180	3		01	0	2	cu	19.5	+1.1	8	6	7	0	88	0	39	21
348	ṬANṬA	180	7	20	01	1	2	cu	19.3	+0.1	10	6	7	+1	76	0	33	17
360	SHEBÎN EL KÔM	250	2	10	01	1	2	cu	19.5	+0.4	10	6	8		76	0	26	
354	ZAGAZIG	140	2	10	01	1	0	—	19.2	+0.1	8	6	7	0	88	0	27	12
441	ISMA'ILÎA																	
366	CAIRO (A)	170	22	12	01	0	2	Sc	20.9		10	4	9		71	0	16	
372	CAIRO ALMÂZA (A)	180	10	15	02	0	1	Sc, cu	20.3	+1.2	9	4	8	-1	71	0	20	
374	CAIRO EZBEKÎYA										10	5	8	0	71	0	19	11
375	GIZA	190	3	5	01		1	Sc	21.1	+1.6	9	5	7	+1	76	0	20	12
378	HELWÂN	00	0	10	02	1	3	Ac	21.2	+1.6	8	3	7	-1	71	0	15	11
381	FAYOÛM	330	4	20	02	2	7	ST	21.5	+2.1	8	5	5	-1	82	0	8	3
387	MINYA (A)	180	6	8	02	0	0	—	21.2	+0.8	7	2	4	0	71	0	dr	
393	ASYOÛṬ (A)	00	0	6	02	0	0	—	22.1	+1.9	7	0	4	-3	62	0	dr	
399	NAG' HAMÂDI	00	0		01	0	3	Ac, ci	21.5	+1.8	10	2	4	-1	58	0	1	
402	QENA	00	0	10	00	0	0	—	22.2	+3.1	7	2	2	-5	71	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	21.5	+2.3	8	0	2		58	0	0	
414	ASWÂN	00	0	10	02	0	0	—	21.4	+2.3	10	3	4	-6	62	0	0	
417	SÎWA	00	0	15	02	0	0	—	23.1	+2.4	10	2	6	-2	76	0	21	5
420	BAHARÎYA	00	0	20	02	0	0	—	21.0	+0.7	7	3	1	-4	76	0	2	4
423	FARAFRA	00	0	15	02	0	0	—	22.1		5	0	0		70	0	0	
432	DAKHLA	00	0	15	02	0	0	—	22.1	+1.6	4	-5	1	-4	52	0	1	
435	KHARGA	00	0	10	02	0	0	—	21.0	+1.4	7	2	2	-4	71	0	3	
450	SUEZ	00	0	20	00	0	1	cu	20.8	+2.0	10	8	5	-5	88	0	19	9
459	TÔR																	
462	HURGHÂDA	280	7	22	02	0	1	cu	20.2	+2.5	12	4	6	-4	59	0	dr	
465	QUSEIR	270	10	20	02	0	2	ci	20.3	+2.5	5	5	2	-12	97	0	0	4
641	PORT SÛDÂN	310	5	20	02	0	1	Sc	16.8		20	11			56	0		
600	WÂDI HALFA	330	1	20	02	0	0	—	21.6		7	0	4		62	0		
640	ABU HAMAD	360	9	24	03	0	1	ci	18.7		10	-3			41	0		
660	KAREIMA	30	3	21	03	0	3	ci	19.0		9	-2	6		47	0		
680	'AṬBARA																	
721	KHARṬOÛM	360	13	20	03	1	3	ci	15.7		14	-7	11		23	0		
730	KASSALA	00	0	20	02	0	0	—	13.4		18	12	13		68	0		
751	WÂD MEDANI	360	9	20	02	1	4	ci	15.0		15	-5	7		25	0		
801	RENK	310	5	20	02	0	0	—	12.5		18	0	14		30	0		
802	ROSEIRES																	
771	EL OBEID	10	6	20	03	0	5	Ac, ci	16.3		12	-5	9		31	0		
760	EL FASHER	00	0	24	01	2	4	ci	18.9		9	-3	0		44	0		
770	GENEINA	70	6	50	01	0	1	ci	15.8		11	3	8		58	0		
840	MALAKÂL	50	12	20	02	0	2	ci	13.1		19	-7	16		17	0		
880	WÂU	00	0	20	02	0	2	ci	13.2		17	3	14		39	0		
941	JUBA	360	1	20	04	1	1	ci	11.8		23	4	13		29	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		P. Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa	
DATE	13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1		13-1	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	250	23	260	26	250	16	240	23	220	22	220	17	210	9	50	8	300	4	310	12	250	12
600 m.	250	20	250	18	250	20	230	25	220	23	220	19	210	7	230	8	290	6	350	9	240	17
1000 m.	230	22	250	19	250	23	230	35	230	21	230	19	230	5	220	5	230	5	40	7	240	19
1500 m.	280	14	200	26	250	15	240	35	240	33	250	23	220	15	180	4	240	3	320	12	240	17
2100 m.	300	17	260	23	240	13	250	42			250	32	150	4	220	6	120	2	30	14	240	19
2400 m.			260	29	240	15					250	37	140	3	250	15	350	6			260	20
3000 m.			260	24	250	24					250	43	230	6	280	18	350	8			260	38
4000 m.					250	34					250	46					250	10				
5000 m.					250	28					260	43					240	16				
6000 m.					250	46					250	53										

STATION	Bahariya		Dakhla		Kharga		Hurghada		Alex.(A)		Cairo(A)		Asyout		Siwa		Dakhla		Kharga		Hurghada	
DATE	13-1		13-1		13-1		13-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1	
TIME	14		14		13		14		2		2		2		2		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.			150	16	310	2	70	6	220	11	220	10	110	10	170	13	110	4	40	6	320	20
600 m.	250	16	270	4	270	1	120	3	220	10	230	5	110	3	190	10	130	10	30	10	340	6
1000 m.	240	6	190	7	310	3	240	4	230	8	220	9	340	3	200	10	120	8	30	3	350	9
1500 m.	220	7	190	9	210	3	260	16	230	10	230	20	60	3	230	27	180	5	50	9	10	18
2100 m.	240	10	200	24			270	12			250	23	60	3	250	24					10	4
2400 m.	260	31	210	23			270	15			250	29			260	27					330	4
3000 m.							250	21			250	33			260	23						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrani		Matruh		Alex.(A)		P.Said		Heluan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1	
TIME	8		8		8		8		6 15		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	220	27	200	21	200	8	210	7	130	9	60	3	100	6	10	8	40	10	150	7	150	8
600 m.	220	21	200	19	190	6	220	8	190	9	240	3	60	6	20	8	40	14	180	14	170	10
1000 m.	240	19	240	7	350	7	210	10	220	8	220	3	40	7	40	9	40	14	200	11	200	11
1500 m.	220	20	270	9	240	11	200	9	290	12	210	3	260	12	50	13	40	5	240	17	330	3
2100 m.			250	15	290	21	220	12	250	18			280	8	40	8	40	5	240	16	270	10
2400 m.			250	19	280	22	240	13	220	23			280	7	140	2	340	4	230	18	280	16
3000 m.			250	23			250	25					260	19	70	3						
4000 m.							260	27							280	10						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	13-1					13-1														
TIME	14					16														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c	HUM %	WIND DIR.	WIND SPEED
Surface	70	17				25	13													
1000 mb.	171	16		200	18	146	12		250	15										
950 mb.																				
900 mb.																				
850 mb.	1515	1		250	23	1483	0		250	13										
800 mb.																				
700 mb.	3074	-3		250	43	3024	-5		250	24										
600 mb.																				
500 mb.	5664	-18		260	52	5606	-20		240	36										
400 mb.	7290	-29		250	78	7223	-32		250	55										
300 mb.	9280	-44		250	111	9184	-48													
200 mb.	11910	-54				11760	-57													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *Monday 14th January, 1957*

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	during preceding hour not at time of observation
15	" reaching ground but distant 5 kms.	during preceding hour not at time of observation
16	" " " near the station	during preceding hour not at time of observation
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31		no change
32		increased
33	Severe duststorm or sandstorm	decreased
34		no change
35		increased
		during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88		moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90		moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon today to noon tomorrow:*

Mild weather by day, rather cold by night. Mod. SW winds, fresh at times by day. Mainly clear. Some medium clouds near the coast.

In Upper Egypt: Light variable winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 52 U.T. / " " Sunset 15 17 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13th											At 1800 on 13th																
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L.	TEMPERATURES °C.		RELATIVE HUMIDITY %	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M.S.L.	TEMPERATURES °C.				RELATIVE HUMIDITY %	RAIN PAST 12 hrs.
DIRECTION Deg.	VELOCITY IN KNOTS		w.w.	W	* AMOUNT 0-8	FORMS	mb.	Dry Bulb	Dew Point		DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	* AMOUNT 0-8	FORMS	mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal		mms.
270	14	18	02	0	0	—	14.1	18	-2	26	260	8	14	01	0	2	Ac	16.3	14	-8	18	-1	21	0
250	21	18	02	0	0	—	13.8	17	9	60	220	12	12	01	0	1	cu	16.2	11	7	17		77	0
240	23	16	02	0	0	—	15.5	17	1	34	220	10	12	02	0	0	—	17.7	10	1	18		54	0
250	9	20	00	0	0	—	16.4	18	3	37	270	4		00	0	0	—	17.9	10	0	18		50	0
220	20	20	01	0	0	—	17.6	17	4	42	220	10	20	02	0	0	—	19.5	14	5	17	-2	55	0
240	24	12	01	0	0	—	17.1	18	6	46	40	7	12	02	0	0	—	19.0	12	6	18	0	67	0
200	9	20	03	1	4	cu	18.0	17	7	52	200	2		00	0	0	—	19.8	11	9	17	-1	88	0
240	13	18	03	0	4	Sc	18.4	17	7	52	210	10	12	02	0	0	—	19.9	14	8	18	0	67	0
180	13	10	07	0	3	cu	17.8	19	7	46	310	2	4	10	0	0	—	19.0	12	5	20	0	63	0
180	5		02	1	4	Cb	18.2	18	8	52	00	0		01	1	3	cu	19.8	12	8	20	0	77	0
220	13	20	03	2	5	cu	18.0	18	6	46	160	1	20	01	1	3		19.9	13	4	20	0	55	0
250	9	20	01	1	3	cu	18.6	19	1	37	250	2	10	00	0	0	—	19.7	12	5	20		63	0
120	1	20	01	1	3	As	17.9	19	9	52	00	0	10	02	0	0	—	18.6	14	8	20	0	67	0
190	14	12	03	0	4	Cu, Sc	18.8	17	3	39	150	12	12	02	0	1	Sc	19.8	13	4	18		55	
230	18	20	03	1	5	cu	18.7	18	5	43	140	12	15	02	0	0	—	20.0	14	6	19	0	59	0
																					20	0		
240	10	10	01	0	3	cu	19.6	18	5	43	230	8	8	02	0	0	—	20.6	13	6	19	0	63	0
200	12	50	02	1	3	cu	19.5	17	4	42	160	11	10	01	1	0	—	20.3	13	4	18	0	55	0
360	4	20	01	0	0	—	19.5	18	1	32	360	4	20	02	0	0	—	19.9	11	5	18	-3	67	0
240	9	10	02	0	1	cu	19.6	20	0	26	160	4	7	02	0	0	—	20.3	11	2	20	0	54	0
00	0	12	02	0	0	—	20.0	20	3	33	00	0	10	02	0	0	—	20.9	14	3	22	+1	48	0
00	0		01	0	2	Ac	18.8	20	8	46	00	0		01	0	2	As	20.7	11	4	22	+1	63	0
270	3	20	00	0	0	—	19.6	20	6	41	00	0		00	0	0	—	20.7	10	6	21	-2	76	0
250	3	22	02	0	0	—	19.3	21	6	38	00	0	12	02	0	0	—	20.0	11	6	22		71	0
330	7	15	02	0	0	—	18.2	21	4	33	360	2	12	02	0	0	—	18.5	16	5	24	+1	49	0
260	14	16	02	0	0	—	17.6	19	3	35	00	0	14	02	0	0	—	18.1	11	2	19		54	0
220	9	20	02	0	0	—	18.4	19	10	56	00	0	10	02	0	0	—	20.4	11	5	20	0	67	0
270	3	20	02	0	0	—	19.6	20	1	28	270	2	12	02	0	0	—	20.7	14	-3	20		32	0
150	3	21	02	0	0	—	19.8	20	3	33	90	3	9	02	0	0	—	20.4	14	3	22		48	0
180	1	12	02	0	0	—	19.1	21	6	38	00	0	8	02	0	0	—	19.6	10	3	22		62	0
180	8	50	03	0	3	cu	19.4	19	4	37	00	0	10	01	0	0	—	21.0	15	7	20	0	59	0
80	9	22	02	0	1	cu	18.8	20	9	49	300	3	10	02	0	0	—	20.0	12	5	21	+1	63	0
340	6	20	01	0	1	As	19.3	21	12	57		3	20	01	0	0	—	19.9	17	11	22	-1	68	0
50	10	20	02	0	1	Sc	15.3	25	13	48	20	1	20	01	0	1	Sc	17.7	21	13	26		61	0
340	10	20	01	0	0	—	17.7	22	-2	20	20	2	20	02	0	0	—	19.1	25	-2	22		17	0
20	2	40	01	0	2	ci	15.2	23	-3	18	00	0	30	02	0	2	ci	16.4	17	1	23		34	0
30	1	21	02	0	1	ci	14.8	23	-1	20											24			0
50	8	20	01	0	2	ci	12.5	25	-11	9	350	6	20	02	0	3	cs	15.2	19	-3	27		23	0
30	11	20	01	1	3	cs	11.5	27	1	19	20	7	20	01	0	0	—	14.1	21	2	27		29	0
360	6	20	02	0	0	—	8.3	30	13	35	360	5	20	02	0	2	ci	11.8	23	11	31		47	0
50	5	20	02	1	2	cs	9.6	29	4	20											29			
310	5	20	02	1	3	Ac	10.6	29	7	25											30			
310	5	20	02	0	1	ci	6.1	33	9	23											34			
20	8	20	02	1	2	ci	10.6	25	-3	16	40	5	20	02	1	3	ci	13.9	19	-1	26		26	0
290	4	24	02	1	3	cs	11.3	26	-6	12	50	7	20	03	1	5	cs	13.4	20	-9	27		14	0
50	3	50	02	0	1	cs	11.3	26	-9	9	70	2	50	01	0	0	—	12.7	20	-4	29		19	0
20	10	20	03	0	3	cs	7.7	31	1	15	10	5	20	01	2	7	Ac, cs	10.0	24	7	33		34	0
											20	3	20	01	2	4	cs	8.3	25	7	33		32	0
50	6				4	ci	6.1	33	2	14	50	1	20	04	2	3	ci	7.1	25	9	35		36	0

At 0600 on MONDAY 14th JANUARY, 1957																				
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE		TEMPERATURES °C.						RAINFALL mms.		
DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	* AMOUNT 0-8	FORMS	M S L mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
240	15	18	02	1	0	—	18.1	+0.3	8	-6	8	-1	87	0	204	
210	15	16	02	0	0	—	18.1		6	3	5		81	0	152	
180	13	14	02	0	0	—	19.6	+1.1	8	2	5		66	0	135	
180	2	10	00	0	0	—	20.3		8	0	5		58	0	95	
00	0	10	02	4	0	—	21.5	+2.7	10	8	9	-1	88	0	150	120
180	5	12	02	0	0	—	21.3	+3.4	7	6	5	-5	94	0	124	87
180	2	10	00	0	0	—	21.8	+3.9	9	4	4	-2	71	2	117	53
210	8	14	02	0	0	—	22.0	+4.0	13	7	9	-2	67	0		
00	0		00	0	0	—	21.9	+3.6	7	5	5	-2	87	0	39	22
180	2	20	02	0	0	—	22.4	+3.2	11	4	5	-1	63	0	33	18
250	2	10	00	0	0	—	22.3	+3.3	11	4	8		63	0	26	
140	1	10	02	0	0	—	22.6	+3.5	9	4	7	0	71	0	27	12
120	6	12	02	0	0	—	22.5		12	2	9		51	0	16	
220	4	15	02	0	0	—	22.5	+3.4	12	4	9	0	59	0	20	
									11	5	8	0	67	0	19	11
200	1	8	01	—	0	—	22.3	+2.8	9	7	6	+1	88	0	20	12
90	6	10	02	0	0	—	22.7	+3.1	10	3	8	0	62	0	15	12
00	0	20	02	0	0	—	23.3	+3.9	7	3	4	-2	76	0	8	3
50	3	7	02	0	0	—	22.6	+2.2	7	3	2	-2	76	0	do	
00	0	14	02	0	0	—	22.0	+1.8	8	-3	4	-3	46	0	do	
00	0		01	0	1	As	21.9	+2.2	9	2	3	-2	62	0	1	
360	2	10	00	0	0	—	22.4	+2.7	7	-1	1	-4	57	0	do	
00	0	20	02	0	0	—	22.0	+2.8	8	-1	3		54	0	0	
00	0	10	02	0	0	—	21.1	+2.1	10	2	5	-5	58	0	0	
80	4	16	02	0	0	—	19.8	-0.9	4	-2	4	0	65	0	21	5
00	0	20	02	0	0	—	21.6	+1.3	4	0	0	-5	75	0	2	6
00	0	15	02	0	0	—	23.4		2	-2	0		75	0	0	
00	0	17	02	0	0	—	22.9	+2.4	4	-5	1	-4	52	0	1	
00	0	10	02	0	0	—	20.7	+1.1	7	1	2	-4	66	0	3	
00	0	20	00	0	0	—	23.3	+4.6	10	6	3	-6	76	0	19	9
																8
290	12	20	02	0	1	cu	20.8	+3.1	13	3	7	-3	51	0	do	
290	8	20	03	0	1	Sc, cu	20.0	+2.2	15	9	13	-1	68	0	0	4
320	6	30	03	1	6	Sc	18.3		21	12	17		57	0		
340	1	20	03	0	1	ci	21.0		8	-1	5		54	0		
360	5	30	03	1	7	cs	18.1		13	-1	10		38	0		
360	1	20	03	1	5	cs	18.0		11	1	9		51	0		
360	6	20	03	0	3	ci	16.2		15	3	11		45	0		
360	12	20	03	1	7	cs	15.2		17	-1	13		30	0		
00	0	20	02	0	0	—	14.0		18	12	13		68	0		
50	9	20	02	0	1	cs	15.6		17	-2	10		28	0		
360	5	20	02	0	2	ci	15.6		19	2	13		32	0		
310	5	20	02	0	1	ci	13.2		20	7	17		43	0		
30	6	20	02	2	7	cs	16.3		14	-4	10		29	0		
360	7	30	01	2	7	cs	17.7		13	-10	8		19	0		
80	6	50	02	0	1	cs	17.3		12	-11	9		19	0		
50	16	20	02	2	7	cs	13.1		23	0	18		22	0		
10	1	20	03	2	6	cs	12.1		20	8	16		46	0		
50	1	20	04	0	4	ci	10.8		23	8	15		38	0		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharciya	
DATE	14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1		14-1	
TIME	14		14		14		14		14		14, 15		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	200	17	200	13	250	5	20	3	280	4	290	3	330	3	40	5	340	8	180	16	200	4
600 m.	200	17	190	17	210	9	150	3	250	3	300	3	350	5	40	8	30	7	200	16	200	4
1000 m.	180	23	200	17	190	10	160	5	210	3	70	6	20	10	40	12	20	5	200	15	220	3
1500 m.	200	18	200	23	200	7	200	10	230	4	20	3	80	4	360	14	40	5	210	8	110	2
2100 m.	210	32	230	19	240	11	250	17	260	13	270	9	330	7	10	12	70	4	240	22	240	5
2400 m	240	36			250	20	260	9	260	14	270	12	300	3	30	27			230	24	220	17
3000 m.					280	25	260	17	260	16	290	15	300	10	60	4			230	29	250	17
4000 m							260	28	250	30	260	25									280	31
5000 m									260	36	270	33									270	27
6000 m.									270	43	270	42										

STATION	Dakhla		Kharga		Hurghada				Cairo(A)		Aswan				Siwa		Dakhla		Kharga		Hurghada	
DATE	14-1		14-1		14-1				15-1		15-1				15-1		15-1		15-1		15-1	
TIME	14		14		14				2		3				8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	3	350	5	330	14			80	12	20	10			210	13	70	3	30	10	340	13
600 m	90	2	360	6	310	12			60	6	20	15			200	11	70	7	40	9	340	9
1000 m	100	4	20	6	350	4			70	4	10	17			210	13	90	6	40	5	230	5
1500 m.	130	6	100	7	310	5			280	8	20	16			250	16	70	6	80	8	10	7
2100 m	90	12			20	6					20	4			230	14	50	4			10	10
2400 m	100	6			310	8					310	8			240	19					340	12
3000 m	220	5			290	15					340	10			250	21					350	16
4000 m															270	27						
5000 m																						
6000 m.																						

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		P.Said		Cairo(A)		Helwan		Minya		Asyout		Luxor		Aswan	
DATE	15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1	
TIME	8		8		8		8		8		8		6		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	230	13	220	23	190	19	180	12	110	11	80	9	70	9	30	8	10	5	40	5		
600 m	220	17	230	19	200	21	170	7	80	11	40	5	50	6	20	19	20	10	20	9	60	16
1000 m.	210	17	250	17	220	16	210	3	40	7	330	10	280	10	350	5			100	11	10	17
1500 m.	220	30	240	9	220	12	280	9	240	14	290	10	290	10			90	2	40	16	20	6
2100 m			240	18	240	17					280	13	250	7			270	2	10	6	340	12
2400 m			240	30							280	14	240	12			300	3	340	9	350	8
3000 m											250	18	260	19			290	7	340	8		
4000 m													290	17								
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	14-1																					
TIME	14																					
	ALT. m.	TEMP. °C.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18																		
1000 mb	188	17		270	6															
950 mb																				
900 mb																				
850 mb	1545	6		230	4															
800 mb																				
700 mb	3120	-1		260	16															
600 mb.																				
500 mb.	5728	-18		260	40															
400 mb	7358	-30		270	64															
300 mb	9348	-44		270	86															
200 mb.	12020	-52																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 15th January, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

MAY 7 1957

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather by day, but cold by night. Light variable winds veering to moderate S^ly. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 52 U.T. / Sunset 15 17 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 14th

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	250	12	18	02	0	0	—	17.0	20	-9	14
	303	SÎDI BARRÂNI	230	14	18	02	0	0	—	17.1	19	9	52
	306	MATRÛH (A)	190	14	16	02	0	0	—	18.7	18	1	32
	309	EL DAB'A	200	3	20	00	0	0	—	19.4	20	-1	24
	319	ALEXANDRIA	270	5	20	02	0	0	—	21.0	18	6	46
	318	ALEXANDRIA (A)	220	8	12	02	0	0	—	20.8	20	4	35
	330	DAMIETTA	140	2	20	03	0	1	cu	21.2	19	9	52
	333	PORT SA'ID (A)	170	2	20	02	0	0	—	21.7	20	6	41
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	80	5	20	02	0	0	—	20.8	20	6	41
	342	MANSÛRA	220	3		02	0	0	—	21.1	21	4	33
	348	TANTA	00	0	20	02	0	0	—	20.6	20	6	41
	360	SHEBÎN EL KÔM	160	5	20	00	0	0	—	20.0	20	-1	24
	354	ZAGAZIG	140	1	20	02	0	0	—	20.2	21	7	41
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	200	6	20	02	0	0	—	20.8	20	1	28
	372	CAIRO ALMÂZA (A)	220	5	25	02	0	0	—	20.8	20	5	38
	374	CAIRO EZBEKÎYA											
	375	GIZA	230	3	10	02	0	0	—	21.4	20	4	35
	378	HELWÂN	00	0	20	02	0	0	—	21.2	19	1	30
Upper Egypt	361	FAYOÛM	360	4	20	02	0	0	—	21.5	18	6	46
	387	MINYA (A)	360	4	8	02	0	0	—	20.8	21	1	27
	393	ASYOÛT (A)	00	0	20	02	0	0	—	20.5	20	0	26
	399	NAG' HAMÂDI	00	0		01	0	2	AC	19.0	21	4	33
	402	QENA											
	405	LUXOR (A)	350	2	22	02	0	0	—	19.1	21	3	31
	414	ASWÂN	90	9	15	12	0	0	—	19.5	25	2	22
Oases	417	SÎWA	180	15	16	02	0	0	—	18.4	21	-5	17
	420	BAHARÎYA	220	2	20	02	0	0	—	19.8	21	9	47
	423	FARAFRA	220	1	20	02	0	0	—	21.1	22	2	27
	432	DAKHLA	00	0	22	02	0	0	—	20.2	21	-3	20
	435	KHARGA	00	0	20	02	0	0	—	19.2	22	0	23
Red Sea	450	SUEZ	90	6	50	02	0	0	—	21.0	20	6	41
	459	TÔR											
	462	HURGHÂDA	360	4	22	02	0	0	—	19.2	21	8	31
	465	QUSEIR	330	12	20	03	0	2	Sc, cu	19.6	21	12	57
	641	PORT SÛDÂN	40	11	30	01	2	6	Sc	15.9	25	19	70
North Sudan	600	WÂDI HALFA	60	8	20	02	0	1	ci	17.1	23	2	26
	640	ABU HAMAD	20	5	30	02	2	7	cs	14.0	26	5	27
	660	KAREIMA	40	2	21	01	1	4	cs	14.2	25	3	24
	680	'ATBARA	340	7	20	02	2	7	cs	12.0	27	3	22
	721	KHARTOÛM	20	9	20	02	2	7	cs	11.2	28	-2	14
	730	KASSALA	30	5	20	02	0	0	—	7.7	34	7	19
Central Sudan	751	WÂD MEDANI	360	5	20	02	0	4	ci	8.1	28		
	801	RENK	310	9	20	02	0	2	AC	9.6	37	0	10
	802	ROSEIRES	50	5	20	02	0	1	ci	5.8	36	6	15
	771	EL OBEID	60	1	20	02	2	7	cs	10.8	27	-10	8
	760	EL FASHER	30	4	30	01	2	6	cs	10.8	28	-6	10
	770	GENEINA	70	5	50	02	0	0		9.2	31	-6	9
S. Sûdân	840	MALAKÂL	30	11	20	03	2	7	cs	7.9	34	1	12
	880	WÂU	50	4	20	02	2	6	cs	5.3	34	7	19
	941	JUBA	20	12	4	03	0	1	ci	4.3	36	9	19

At 1800 on 14th

Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	250	4	12	02	0	0	—	17.9	14	-7	20	+1	23	0
303	SÎDI BARRÂNI	290	12	15	02	0	0	—	17.9	11	6	20		71	0
306	MATRÛH (A)	160	11	16	02	0	0	—	20.2	10	3	19		62	0
309	EL DAB'A	200	2		00	0	0	—	21.2	10	3	20		62	0
319	ALEXANDRIA	00	0	20	02	0	0	—	22.6	14	5	19	0	55	0
318	ALEXANDRIA (A)	90	4	12	02	0	0	—	21.8	11	5	20	+2	67	0
330	DAMIETTA	140	2		00	0	0	—	22.8	14	10	19	+1	77	0
333	PORT SA'ID (A)	110	7	12	02	0	0	—	22.8	14	10	21	+3	77	0
336	EL 'ARISH														
339	DAMANHÛR	180	2	<2	10	4	0	—	21.6	13	4	21	+1	55	0
342	MANSÛRA	00	0		02	0	0	—	22.3	12	5	21	+1	63	0
348	TANTA	360	2	20	02	0	0	—	22.6	16	5	21	+1	49	0
360	SHEBÎN EL KÔM	160	2	10	00	0	0	—	22.1	12	5	21		63	0
354	ZAGAZIG	00	0	10	02	0	0	—	21.9	14	10	22	+2	77	0
441	ISMA'ILIA														
366	CAIRO (A)	120	6	12	02	0	0	—	22.9	13	6	20		63	0
372	CAIRO ALMÂZA (A)	120	5	20	02	0	0	—	22.6	13	6	22	+3	63	0
374	CAIRO EZBEKÎYA											21	+1		
375	GIZA	00	0	8	02	0	0	—	23.0	9	6	22	+3	82	0
378	HELWÂN	160	3	10	02	0	0	—	22.8	14	3	19	+1	48	0
361	FAYOÛM	00	0	20	02	0	0	—	22.4	10	5	19	-2	71	0
387	MINYA (A)	10	1	7	02	0	0	—	22.1	11	2	22	+2	54	0
393	ASYOÛT (A)	00	0	12	02	0	0	—	22.2	14	-2	22	+1	34	0
399	NAG' HAMÂDI			3	01	0		AS	20.6	12	8	22	+1	77	0
402	QENA														
405	LUXOR (A)	00	0	12	02	0	0	—	20.8	13	0	22		41	0
414	ASWÂN	360	2	12	02	0	0	—	18.3	16	6	25	+2	52	0
417	SÎWA	170	5	14	02	0	0	—	19.7	11	0	21	+1	47	0
420	BAHARÎYA	00	0	10	02	0	0	—	22.0	12	3	23	+3	55	0
423	FARAFRA	00	0	12	02	0	0	—	22.1	11	-4	23		35	0
432	DAKHLA	00	0	10	02	0	0	—	21.6	15	-3	22	+1	30	0
435	KHARGA	00	0	8	02	0	0	—	20.7	12	-2	23	+1	38	0
450	SUEZ	00	0	10	02	0	0	—	23.6	14	5	22	+2	55	0
459	TÔR														
462	HURGHÂDA	300	11	10	02	0	0	—	20.2	12	4	21	+1	59	0
465	QUSEIR	280	8	20	01	0	0	—	20.6	17	8	22	-1	56	0
641	PORT SÛDÂN	350	6	20	02	2	7	Sc, AC	17.9	23	19	25		79	0
600	WÂDI HALFA	20	7	20	02	0	0	—	19.4	16	1	24		36	0
640	ABU HAMAD	20	5	30	02	1	0	—	16.2	19	1	27		30	0
660	KAREIMA	20	4	21	01	1	1	ci	15.0	22	2	27		27	0
680	'ATBARA	350	5	20	01	1	6	cs	14.2	21	3	28		31	0
721	KHARTOÛM	350	9	20	03	2	8	cs	13.1	24	1	29		22	0
730	KASSALA	20	4	20	02	0	1	ci	11.7	25	10	35		39	0
751	WÂD MEDANI											33			
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	40	8	20	01	2	6	cs	12.8	21	-7	28		15	0
760	EL FASHER	10	4	20	03	2	7	cs	12.0	23	1	31		24	0
770	GENEINA											33			0
840	MALAKÂL											35			0
880	WÂU	00	0	20	01	2	6	cs	9.0	26	13	35		45	0
941	JUBA	90	1	20	04	0	1	ci	6.1	29	10	38		31	0

At 0600 on TUESDAY 15th JANUARY 1957

Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L.	Bar. Diff. from normal	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	220	18	18	02	0	0	—	8.7	+0.9	12	-16	11	+2	13	0	204	
303	SÎDI BARRÂNI	190	17	16	02	0	0	—	19.1		8	1	6		62	0	152	
306	MATRÛH (A)	170	13	16	03	0	2	[illegible]	20.9	+2.4	8	-2	4		50	0	135	
309	EL DAB'A	200	2	10	00	0	0	—	21.3		6	1	3		71	0	95	
319	ALEXANDRIA	220	10	4	05	4	0	—	23.5	+4.7	11	4	9	-1	63	0	150	121
318	ALEXANDRIA (A)	140	1	10	05	0	0	—	22.6	+5.7	8	2	6	-4	66	0	124	88
330	DAMIETTA	140	2	10	00	0	2		23.4	+5.5	10	10	5	-3	97	0	117	54
333	PORT SA'ID (A)	170	3	16	02	0	0	—	23.9	+5.9	12	6	3	-3	67	0		
336	EL 'ARISH																	
339	DAMANHÛR	00	0	<2	10	4	0	—	23.0	+4.4	9	4	4	-4	71	0	62	49
342	MANSÛRA	00	0		00	0	0	—	[illegible]	+5.6	7	2	5	-2	71	0	39	22
348	TANTA	130	2	20	02	0	0	—	23.5	+4.3	6	2	1	-5	76	0	33	18
360	SHEBÎN EL KÔM	220	2	10	00	0	0	—	22.8	+3.8	7	5	5		87	0	26	
354	ZAGAZIG	90	1	10	02	0	0	—	22.2	+3.1	9	6	5	-2	82	0	27	12
441	ISMA'ILIA																	
366	CAIRO (A)	00	0	14	02	0	1	[illegible]	23.4		8	2	8		66	0	16	
372	CAIRO ALMÂZA (A)	00	0	15	02	0	1	[illegible]	[illegible]	+4.2	11	2	9	0	54	0	20	
374	CAIRO EZBEKÎYA										10	5	8	0	71	0	19	11
375	GIZA	00	0	5	02	—	0		23.6	+4.2	5	4	1	-4	93	0	20	12
378	HELWÂN	00	0	4	05	4	1	ci	23.5	+3.9	10	0	7	-1	50	0	15	12
361	FAYOÛM	00	0	20	02	0	0	—	23.7	+4.5	6	3	4	-2	81	0	8	3
387	MINYA (A)	340	3	7	03	0	1	ci	23.1	+2.7	4	-2	0	-4	65	0	dr	
393	ASYOÛT (A)	00	0	16	02	0	1	ci	23.6	+3.4	8	0	6	0	58	0	dr	
399	NAG' HAMÂDI	00	0		01	0	3	AC, CS	22.6	+2.9	8	-3	3	-2	46	0	1	
402	QENA	290	3	10	00	0	0	—	23.0	+3.9	9	-2	2	-5	47	0	dr	
405	LUXOR (A)	00	0	22	01	0	1	AC	22.2	+3.0	6	-2	1		57	0	0	
414	ASWÂN	00	0	12	03	0	3	AS	21.4	+2.4	10	2	6	-4	58	0	0	
417	SÎWA	120	6	16	02	1	3	[illegible]	21.0	+0.3	6	-4	4	0	49	0	21	5
420	BAHARÎYA	00	0	20	02	0	2	cs	23.7	+3.4	5	-1	0	-5	65	0	2	5
423	FARAFRA	00	0	14	03	0	2	ci	24.6		4	-12	-1		26	0	0	
432	DAKHLA	00	0	15	01	0	2	AC	23.8	+3.4	2	-4	0	-5	64	0	1	
435	KHARGA	00	0	10	01	1	1	ci	21.6	+2.0	9	1	4	-2	58	0	3	
450	SUEZ	00	0	20	00	0	2	cu	23.3	+4.6	8	-3	4	-5	46	0	19	9
459	TÔR																	8
462	HURGHÂDA	300	11	22	02	0	0	—	21.4	+3.6	14	-2	7	-3	34	0	dr	
465	QUSEIR	290	10	20	03	0	1	AC, CC	20.9	+3.1	17	3	14	0	39	0	0	4
641	PORT SÛDÂN	340	11	20	02	2	8	Sc	18.1		23	13	21		53	0		
600	WÂDI HALFA	00	0	20	03	0	1	ci	21.6		11	-2	9		41	0		
640	ABU HAMAD		5		62	0	0	—	18.6		15	1	11		39	0		
660	KAREIMA	20	2	21	02	0	0	—	18.8		12	0	10		44	0		
680	'ATBARA	350	8	20	02	0	2	ci	16.1		16	3	13		42	0		
721	KHARTOÛM	10	12	20	01	1	2	ci	15.3		18	3	15		37	0		
730	KASSALA	20	0	30	02	0	0	—	13.6			14	15			0		
751	WÂD MEDANI	50	9	50	02	0	0	—	14.9		19	5	15		40	0		
801	RENK	360	5	20	02	0	0	—	15.7		19	8	14		49	0		
802	ROSEIRES																	
771	EL OBEID	20	6	20	02	0	2	ci				-3	13			0		
760	EL FASHER	00	0	24	01	2	3	cs	19.1		12	-3	9		36	0		
770	GENEINA	60	7	30	01	2	1	ci	17.8		15		12			0		
840	MALAKÂL	30	15	20	01	0	1	cs	12.8		23	0	17		22	0		
880	WÂU	10	1	20	02	0	1	ci	11.4		19	11	17		60	0		
941	JUBA	310	2	20	04	0	2	ci	10.6		25	13			48	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla	
DATE	15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1		15-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	220	16	220	10	200	5	70	9	10	5	330	4	310	8	310	5	160	10	350	5	360	5
600 m.	220	16	240	21	220	8	110	3	350	6	10	1	350	8	350	5	140	10	350	4	10	10
1000 m.	220	10	220	17	260	5	320	1	320	6	10	4	350	5	90	7	140	12	210	2	20	9
1500 m.	220	8	200	7	270	4	330	11	270	9	250	5	10	2	50	19	110	5	240	9	120	6
2100 m	230	18	250	25	260	17	300	10	260	17			300	4			120	14	240	7	90	2
2400 m			240	32	250	29	200	7	260	19			290	6			60	3	260	11	230	6
3000 m.			250	35	270	24	150	3	260	23			280	10			100	4	250	21	100	6
4000 m							170	6	270	29			280	17					150	14		
5000 m									270	35			290	36								
6000 m.									290	53			280	49								

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Asyout				Bahariya		Dakhla		Kharga		Hurghada	
DATE	15-1		15-1				16-1		16-1		16-1				16-1		16-1		16-1		16-1	
TIME	14		14				2		2		2				8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	20	16	340	12			140	12	50	9	10	9			190	10	30	3	20	15	330	18
600 m	350	14	300	11			180	8	30	4	340	10			220	10	20	5	50	5	320	10
1000 m	20	7	310	6			270	10	40	3	300	3			340	2	30	7	250	3	270	3
1500 m.	30	7	330	3			240	42	260	6	240	3			300	10			260	6	300	3
2100 m.			360	6							260	8			310	13			280	4	290	10
2400 m.			360	10							290	14			260	13			280	8	300	12
3000 m.			340	10							300	16			260	21						
4000 m.															220	28						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa	
DATE	16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	40	20	340	4	210	7	160	16	80	10	50	5	10	5	320	2	30	4	360	8	210	4
600 m	50	20	180	1	240	8	190	8	80	12	70	5	340	10	40	10	20	7	40	9	270	5
1000 m.	140	14	60	5	250	10	260	4	300	8	350	9	300	4	20	7	10	12	100	6	240	6
1500 m.	300	17	270	12	220	17	280	9	230	5	250	6	250	12	260	9	50	8	10	9	280	17
2100 m.			270	18	260	14	250	15			210	4	260	19	260	12	10	5	360	15	270	19
2400 m			270	11	260	20	270	21							280	10	350	8	340	10	270	20
3000 m.															280	16	320	9	60	14	260	23
4000 m.															280	19	300	24			270	31
5000 m.																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	15-1																					
TIME	14																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18																		
1000 mb.	189	17		10	4															
950 mb.																				
900 mb																				
850 mb.	1552	10		270	9															
800 mb.																				
700 mb.	3145	2		260	23															
600 mb.																				
500 mb.	5767	-16		280	42															
400 mb	7405	-28		280	73															
300 mb.	9413	-50		280	98															
200 mb.	12060	-58		280	145															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 16th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour but not at time of observation
22	Snow	not falling as shower (s) — during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

MAY 7 1957

GENERAL FORECAST: from noon today to noon tomorrow:
Mild weather by day, cold by night specially in Upper Egypt. Light variable winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 52 U.T.; Sunset 15 18 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 15 th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
Mediterranean	62300	SALLOUM	250	14	18	02	0	0	—	17.2	21	-8	14
	303	SIDI BARRANI	220	16	18	02	0	0	—	17.2	22	7	38
	306	MATRUH (A)	190	17	16	02	0	0	—	19.1	22	-3	21
	309	EL DAB'AA	220	8	20	00	0	0	—	20.6	21	3	20
	319	ALEXANDRIA	220	10	20	02	4	0	—	21.4	19	4	37
	318	ALEXANDRIA (A)	170	9	16	01	0	0	—	21.0	20	4	35
	330	DAMIETTA	140	5	20	02	0	0	—	21.5	18	9	56
	333	PORT SAID (A)	80	2	7	02	0	0	—	21.6	18	9	56
	336	EL ARISH											
Lower Egypt	339	DAMANHUR	130	2	20	02	0	0	—	21.1	21	7	41
	342	MANSURA	90	2		02	0	0	—	21.4	21	7	41
	348	TANTA	00	0	20	02	0	0	—	21.6	20	6	76
	360	SHEBIN EL KOM	160	5	20	00	0	0	—	21.2	20	-1	24
	354	ZAGAZIG	00	0	20	02	0	0	—	20.6	21	7	41
	441	ISMAILIA											
Cairo Area	366	CAIRO (A)	30	6	16	02	0	1	ci	20.8	20	-3	21
	372	CAIRO ALMAZA (A)											
	374	CAIRO EZBEKIYA											
	375	GIZA	70	4	10	02	0	1	cs	21.6	20	3	33
	378	HELWAN	20	3	20	03	0	1	ci	20.6	20	-6	17
Upper Egypt	381	FAYOUM	00	0	20	03	0	1	cu, Sc	21.1	18	3	37
	387	MINYA (A)	10	3	9	03	0	4	ci	20.6	20	3	33
	393	ASYOUT (A)	330	2	20	02	0	1	ci	20.2	21	-1	23
	399	NAG HAMADI	290	4	20	00	0	0	—	19.1	20	0	41
	402	QENA											
	405	LUXOR (A)	270	4	22	02	0	0	—	18.3	22	8	41
	414	ASWAN	60	7	15	02	0	0	—	17.5	24	8	36
Oases	417	SIWA	180	6	16	03	1	3	ci	19.9	21	-3	20
	420	BAHARIYA	00	0	20	02	2	6	ci	20.9	22	9	44
	423	FARAFRA	00	0	20	02	0	3	ci	22.0	22	0	23
	432	DAKHLA	330	2	21	03	0	1	ci	21.0	21	-3	20
	435	KHARGA	360	2	20	03	0	1	ci	19.0	24	-2	18
Red Sea	450	SUEZ	00	0	50	01	0	0	—	20.0	20	3	33
	459	TOR											
	462	HURGHADA	350	2	22	02	0	1	ci	20.0	21	8	44
	465	QUSEIR	340	5	20	01	0	0	—	19.6	22	8	41
	641	PORT SUDAN	10	13	20	02	2	7	Sc	14.9	25	21	79
North Sudan	600	WADI HALFA	30	7	20	02	0	0	—	16.7	24	1	22
	640	ABU HAMAD	20	5	30	02	0	0	—	12.4	28	7	27
	660	KAREIMA	50	1	21	02	0	0	—	12.6	27	6	27
	680	ATBARA	340	9	20	01	0	0	—	11.1	29	9	29
	721	KHARTOUM	350	11	20	02	0	0	—	10.0	30	7	24
	730	KASSALA											
Central Sudan	751	WAD MEDANI	360	9	20	02	0	0	—	7.9	33	6	19
	801	RENK	310	9	20	02	0	0	—	9.8	32	4	17
	802	ROSEIRES	310	5	20	02	0	0	—	3.5	39	9	16
	771	EL OBEID	30	14	20	02	0	1	ci	8.2	31	-4	10
	760	EL FASHER	320	8	30	02	1	2	ci	9.8	31	-4	10
	770	GENEINA	50	10	50	02	0	0	—	9.6	33	-8	7
S. Sudan	840	MALAKAL	30	14									
	880	WAU	70	9	20	01	0	0	—	5.6	35	4	14
	941	JUBA	20	5	20	04	0	2	ci	3.5	37	4	13

At 1800 on 15 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOUM	220	8	12	02	0	0	—	17.6	17	-5	22	+3	22	0
SIDI BARRANI	220	12	15	02	0	0	—	17.9	12	6	22		67	0
MATRUH (A)	180	14	15	02	0	0	—	20.7	13	0	22		41	0
EL DAB'AA	200	1		00	0	0	—	20.6	10	3	21		62	0
ALEXANDRIA	00	0	20	05	4	0	—	22.0	15	3	20	+1	45	0
ALEXANDRIA (A)	120	3	12	02	0	0	—	21.6	11	4	22	+4	63	0
DAMIETTA	60	2		00	0	0	—	21.5	13	9	19	+1	77	0
PORT SAID (A)	50	2	12	02	0	0	—	21.9	13	11	20	+2	88	0
EL ARISH														
DAMANHUR	130	2	4	01	0	0	—	21.5	13	4	22	+2	55	0
MANSURA	00	0		02	0	0	—	21.6	11	5	21	+1	67	0
TANTA	00	0	20	02	0	0	—	21.9	12	5	21	+1	63	0
SHEBIN EL KOM	100	2	10	00	0	0	—	22.4	12	5	21		63	0
ZAGAZIG	00	0	10	02	0	0	—	21.6	14	8	22	+2	67	0
ISMAILIA														
CAIRO (A)	90	1	12	02	0	0	—	22.4	13	4	20		63	0
CAIRO ALMAZA (A)	20	4	12	02	0	0	—	21.7	14	2	20	+1	45	0
CAIRO EZBEKIYA											22	+2		
GIZA	00	0	2	10	1	0	—	22.2	8	5	21	+2	82	0
HELWAN	360	12	10	02	0	0	—	21.6	14	-1	21	+3	36	0
FAYOUM	00	0	20	01	0	0	—	21.4	10	4	19	+2	67	0
MINYA (A)	40	6	7	01	0	0	—	21.1	10	4	22	+2	67	0
ASYOUT (A)	270	3	16	01	0	0	—	21.3	14	-2	22	+1	34	0
NAG HAMADI	00	0		01	0	2	Ac	19.4	13	9	22	+1	77	0
QENA	290	4		00	0	0	—	19.4	15	13	22	-1	88	0
LUXOR (A)	00	0	12	02	0	0	—	19.0	17	4	24		42	0
ASWAN	360	2	12	02	0	0	—	18.0	18	8	26	+3	52	0
SIWA	00	0	14	02	0	2	ci	19.2	12	-4	23	+3	33	0
BAHARIYA	00	0	10	02	2	5	cs	21.8	11	3	23	+3	58	0
FARAFRA	360	1	12	02	0	3	ci	22.1	12	-8	22		24	0
DAKHLA	320	2	9	02	0	0	—	21.0	15	-6	23	+2	23	0
KHARGA	30	0	6	02	0	0	—	19.2	13	-3	25	+3	34	0
SUEZ	00	0	10	02	0	0	—	21.0	14	12	22	+2	88	0
TOR														
HURGHADA	300	13	10	02	0	1	ci	20.2	15	3	22	+2	45	0
QUSEIR	270	4	10	03	0	1	cc	18.9	18	10	22	-1	60	0
PORT SUDAN											27			0
WADI HALFA											25			0
ABU HAMAD											28			0
KAREIMA											28			0
ATBARA											30			0
KHARTOUM											30			0
KASSALA											36			0
WAD MEDANI											34			0
RENK											33			0
ROSEIRES														
EL OBEID											32			0
EL FASHER											33			0
GENEINA											34			0
MALAKAL											36			0
WAU											36			0
JUBA											39			0

At 0600 on WEDNESDAY 16th JANUARY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOUM	270	4	18	02	0	0	—	18.1	+0.3	12	1	9	0	47	0	204	
SIDI BARRANI	240	14	16	02	0	2	ci	18.3		7	2	6		37	0	152	
MATRUH (A)	220	7	16	03	0	2	ci	19.0	+0.5	9	-1	6		50	0	135	
EL DAB'AA	180	3	10	00	0	0	—	19.6		6	1	3		71	0	95	
ALEXANDRIA	130	10	20	03	0	1	cs	20.7	+1.9	11	4	9	-1	63	0	150	122
ALEXANDRIA (A)	00	0	16	02	0	0	—	20.3	+2.4	8	4	5	-5	76	0	124	89
DAMIETTA	200	2		00	4	0	—	21.0	+3.1	6	6	3	-5	97	0	117	55
PORT SAID (A)	170	1	15	02	0	0	—	20.2	+2.2	13	9	8	-3	77	0		
EL ARISH																	
DAMANHUR	130	2	10	02	4	1	ci	19.6	+1.0	11	7	4	-4	77	0	62	50
MANSURA	90	0		00	4	0	—	21.2		6	6	4	-3	97	0	39	23
TANTA	120	2	20	02	0	0	—	21.8	+2.7	10	6	4	-2	76	0	33	18
SHEBIN EL KOM	140	2	10	00	0	0	—	21.4	+2.4	9	4	7		71	0	26	
ZAGAZIG	140	1	10	02	0	0	—	20.6	+1.5	6	1	3	-3	71	0	27	12
ISMAILIA																	
CAIRO (A)	100	4	12	02	0	1	ci	20.9		12	0	6		44	0	16	
CAIRO ALMAZA (A)																20	
CAIRO EZBEKIYA										10	6	8	0	76	0	19	12
GIZA	00	0	0.4	42	—	3	cs	21.1	+1.7	5	4	1	-4	93	0	20	13
HELWAN	00	0	4	05	1	3	ci	20.8	+1.2	10	0	7	-1	50	0	15	12
FAYOUM	00	0	10	02	1	3	ci	21.4	+2.0	10	9	3	-3	94	0	8	4
MINYA (A)	190	3	7	03	0	2	ci	21.1	+0.7	2	-2	0	-4	75	0	dr	
ASYOUT (A)	00	0	10	02	0	0	—	21.6	+1.4	8	-4	5	-1	43	0	dr	
NAG HAMADI	00	0		02	0	0	—	20.7	+1.1	8	0	3	-2	58	0	1	
QENA	290	5	10	00	0	0	—	20.4	+1.3	9	3	4	-3	67	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	19.9	-0.7	9	2	2		62	0	0	
ASWAN	00	0	12	02	0	0	—	18.6	-0.4	11	3	6	-4	58	0	0	
SIWA	00	0	16	02	1	3	ci	19.0	-1.7	2	-6	1	-3	55	0	21	5
BAHARIYA	00	0	20	02	2	6		21.6	+1.3	5	-2	0	-5	61	0	2	5
FARAFRA	00	0	15	03	0	1	ci	22.6		2	-7	-2		51	0	0	
DAKHLA	00	0	14	03	0	1	ci	23.0	+2.6	3	-7	0	-5	48	0	1	
KHARGA	00	0	10	02	0	0	—	19.5	-0.1	8	0	2	-4	58	0	2	
SUEZ	330	1	20	00	0	2	ac	20.2	+1.6	7	2	3	-6	71	0	19	10
TOR																	
HURGHADA	300	10	20	02	0	0	—	19.4	+1.6	11	-6	5	-5	30	0	dr	
QUSEIR	270	10	20	01	0	0	—	18.1	+0.3	16	3	12	-2	42	0	0	
PORT SUDAN	330	10	20	02	2	7	Sc	16.3		22	15	20		65	0		
WADI HALFA	200	7	20	02	0	0	—	19.2		11	-9	9		24	0		
ABU HAMAD	20	5	30	02	0	0	—	15.9		16	0	13		34	0		
KAREIMA	50	2	21	02	0	0	—	16.0		15	0	13		36	0		
ATBARA	350	7	20	02	0	0	—	14.8		17	8	14		56	0		
KHARTOUM	360	8	20	02	0	0	—	13.8		17	5	14		46	0		
KASSALA	290	2	20	02	0	0	—	11.9		21	16	15		74	0		
WAD MEDANI	360	9	50	02	0	0	—	13.6		19	5	12		40	0		
RENK	310	5	20	02	0	0	—	14.9		19	8	13		49	0		
ROSEIRES																	
EL OBEID	360	6	20	02	0	0	—	15.5		15	-3	13		30	0		
EL FASHER	30	3	35	03	0	1	ci	18.1		12	-3	8		36	0		
GENEINA	60	8	50	02	0	0	—	17.3		15	-7	12		21	0		
MALAKAL	30	5	20	02	0	0	—	12.3		23	2	17		26	0		
WAU	10	1	20	02	0	0	—	11.1		20	10	17		53	0		
JUBA	10	4	20	04	0	1	Ac	10.1		27	10	19		35	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Sohag		Kharga		Dakhla	
DATE	16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1		16-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	27	190	10	170	6	90	10	10	5	330	7	320	10	330	3	150	[illegible]	[illegible]	[illegible]	90	1
600 m.	200	11	190	9	180	7	80	9	360	4	340	5	20	10	330	7	200	[illegible]	160	3	330	4
1000 m.	220	12	200	10	190	6	250	2	290	4	320	4	310	6	330	4	210	15	110	[illegible]	230	9
1500 m.	210	10	200	12	280	12	240	7	260	13	280	11	260	8	330	7	220	12	190	8		
2100 m.					280	23	260	12	270	24	270	16	270	13	230	10	200	18	290	13		
2400 m.					280	30	260	25	270	28	280	20	270	17	310	12	[illegible]	[illegible]	270	12		
3000 m.							270	29	270	28	280	26	250	15	300	[illegible]	[illegible]	18	240	19		
4000 m.									270	38					300	16						
5000 m.									270	52												
6000 m.									270	61												

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Asyout				Bani Suef		Minya		Hurghada	
DATE	16-1		16-1				17-1		17-1		17-1				[illegible]		[illegible]		[illegible]	
TIME	14		14				2		2		2				[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED								
300 m.	20	10	330	15			190	14	240	4	290	3			200	15	50	[illegible]	[illegible]	[illegible]
600 m.	350	10	300	12			240	10	240	8	250	6			220	15	260	[illegible]	[illegible]	5
1000 m.	320	6	310	10			250	12	260	5	280	7			250	[illegible]	[illegible]	[illegible]	[illegible]	12
1500 m.	260	6	290	15			270	17	250	7	270	14			[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
2100 m.			270	14			260	19			310	19			280	16				290 2
2400 m.			270	13			260	11			310	23			270	[illegible]				[illegible]
3000 m.			270	22			260	10			310	30			270	[illegible]				[illegible]
4000 m.			280	23											240	26				
5000 m.																				
6000 m.																				

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Helwan		Minya		Asyout		[illegible]		Sohag		Kharga	
DATE	17-1		17-1		17-1		17-1		17-1		17-1		17-1		17-1		[illegible]		[illegible]		17-1	
TIME	8		8		8		8		8		6	15	8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED								
300 m	360	12	280	17	220	16	130	9	200	10	150	8	170	6	150	[illegible]	20	[illegible]	60	[illegible]	300	[illegible]
600 m.	330	9	320	17	220	18	240	3	220	5	190	8	210	7	220	[illegible]	[illegible]	[illegible]	40	2	300	10
1000 m	310	6	310	19	220	22	290	14	230	15	240	6	260	13	240	[illegible]	[illegible]	[illegible]	240	[illegible]	250	17
1500 m.	320	5	310	18			270	16			250	17	290	12	270	[illegible]	240	6	230	22	280	15
2100 m							250	29					310	27	280	30	280	7	300	27	240	37
2400 m							250	24							280	30	310	[illegible]	290	19	270	30
3000 m															290	[illegible]	320	18	260	23	280	43
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	16-1																					
TIME	14																					
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Surface	70	18																				
1000 mb	155	17		10	4																	
950 mb																						
900 mb																						
850 mb	1518	12		260	13																	
800 mb																						
700 mb	3119	4		270	28																	
600 mb																						
500 mb	5754	-17		270	70																	
400 mb	7397	-28		280	80																	
300 mb	9396	-43		280	90																	
200 mb	12020	-56																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT — METEOROLOGICAL DEPT — CAIRO

DATE THURSDAY 17th JANUARY 1957

EXPLANATIONS OF CODE NUMBERS

PRESENT WEATHER "w"

17	Thunderstorm but no precipitation at time of observation
18	Squall
19	Funnel cloud (water spout)
20	Drizzle (not freezing) or snow grains not in showers
21	Rain (not freezing)
22	Snow
23	Rain and snow or ice pellets
24	Freezing drizzle or freezing rain
25	Shower(s) of rain
26	Shower(s) of snow, or rain and snow
27	Shower(s) of hail, or rain and hail
28	Fog or ice fog (moderate or dense) at time of observation — was not at time of observation but was met during the preceding hour
29	Thunderstorm (with or without precipitation) — thunderstorm at time of observation
30	Slight or moderate duststorm or sandstorm — has decreased during preceding hour
31	Slight or moderate duststorm or sandstorm — no appreciable change during preceding hour
32	Slight or moderate duststorm or sandstorm — has begun or increased during preceding hour
33	Severe duststorm or sandstorm — has decreased during preceding hour
34	Severe duststorm or sandstorm — no appreciable change during preceding hour
35	Severe duststorm or sandstorm — has begun or increased during preceding hour
36	Slight or moderate drifting snow — low
37	Heavy drifting snow — low
38	Slight or moderate blowing snow — high
39	Heavy blowing snow — high
40	Fog at a distance at time of observation but not at station during last hour
41	Fog in patches
42	Fog, sky discernible, has become thinner during preceding hour
43	Fog, sky not discernible, has become thinner during preceding hour
44	Fog, sky discernible, no appreciable change during preceding hour
45	Fog, sky not discernible, no appreciable change during preceding hour
46	Fog, sky discernible, has begun or become thicker during last hour
47	Fog, sky not discernible, has begun or become thicker during last hour
48	Depositing rime, sky discernible
49	Depositing rime, sky not discernible
50	Drizzle, not freezing, intermittent — slight
51	Drizzle, not freezing, continuous — slight
52	Drizzle, not freezing, intermittent — moderate
53	Drizzle, not freezing, continuous — moderate
54	Drizzle, not freezing, intermittent — heavy (dense)
55	Drizzle, not freezing, continuous — heavy (dense)
56	Drizzle, freezing, slight
57	Drizzle, freezing, moderate or heavy (dense)
58	Drizzle and rain, slight
59	Drizzle and rain, moderate or heavy
60	Rain, not freezing, intermittent — slight
61	Rain, not freezing, continuous — slight
62	Rain, not freezing, intermittent — moderate
63	Rain, not freezing, continuous — moderate
64	Rain, not freezing, intermittent — heavy
65	Rain, not freezing, continuous — heavy
66	Rain, freezing, slight
67	Rain, freezing, moderate or heavy (dense)
68	Rain or drizzle and snow, slight
69	Rain or drizzle and snow, moderate or heavy
70	Intermittent fall of snowflakes — slight
71	Continuous fall of snowflakes — slight
72	Intermittent fall of snowflakes — moderate
73	Continuous fall of snowflakes — moderate
74	Intermittent fall of snowflakes — heavy (dense)
75	Continuous fall of snowflakes — heavy (dense)
76	Ice prisms (with or without fog)
77	Snow grains (with or without fog)
78	Isolated star-like snow crystals (with or without fog)
79	Ice pellets
80	Rain shower(s) — slight
81	Rain shower(s) — moderate
82	Rain shower(s) — heavy (dense)
83	Shower(s) of rain and snow — slight
84	Shower(s) of rain and snow — moderate
85	Shower(s) of snow — slight
86	Shower(s) of snow — moderate
87	Shower(s) of snow pellets or small hail, with or without rain or rain and snow — slight
88	Shower(s) of snow pellets or small hail, with or without rain or rain and snow — moderate
89	Shower(s) of hail, with or without rain or rain and snow, not associated with thunder — slight
90	Shower(s) of hail, with or without rain or rain and snow, not associated with thunder — moderate
91	Slight rain at time of observation — thunderstorm during preceding hour
92	Moderate or heavy rain at time of observation — thunderstorm during preceding hour
93	Slight snow, or rain and snow at time of observation — thunderstorm during preceding hour
94	Moderate or heavy snow, or rain and snow at time of observation — thunderstorm during preceding hour
95	Thunderstorm, but no precipitation at time of observation — slight or moderate thunderstorm, without hail but with rain and/or snow at time of observation
96	Thunderstorm, but no precipitation at time of observation — slight or moderate thunderstorm, with hail at time of observation
97	Heavy thunderstorm, but no precipitation at time of observation — heavy thunderstorm, without hail but with rain and/or snow at time of observation
98	Thunderstorm combined with duststorm or sandstorm at time of observation
99	Heavy thunderstorm, with hail at time of observation

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or dustatorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be mild by day, cold by night specially in Upper Egypt. Mainly clear. Winds: light to moderate S by in Lower Egypt and Cairo; light variable in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 52 U.T. / Sunset 15 19 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300 SALLOUM	00	0	18	02	0	0	—	15.4	19	11	60	13.2	16	2	20	+1	39	0
303 SIDI BARRANI	140	8	18	02	0	0	—	14.9	18	13	73	12.6	14	5	20		55	0
306 MATRUH (A)	220	5	16	02	0	0	—	16.0	22	2	27	16.6	11	1	22		51	0
309 EL DAB'AA	360	4	20	00	0	0	—	16.4	22	-3	19	16.6	10	0	22		50	0
319 ALEXANDRIA	180	10	20	01	0	0	—	17.3	18	6	46	17.1	15	4	20	+1	48	0
318 ALEXANDRIA (A)	180	8	16	02	0	0	—	17.0	20	4	35	16.9	12	6	21	+3	67	0
330 DAMIETTA	140	2	20	00	0	0	—	18.3	17	9	60	18.2	13	9	17	-1	77	0
333 PORT SA'ID (A)	80	2	25	02	0	0	—	18.4	17	9	60							
336 EL 'ARISH																		
339 DAMANHUR	130	2	20	02	0	0	—	18.3	18	8	52							
342 MANSURA	40	2		02	0	0	—	18.4	20	8	46	00	0		02	0	0	—
348 TANTA	00	0	20	02	0	0	—	19.1	20	6	41	17.4	11	9	21	+1	88	0
360 SHEBIN EL KOM	140	5	20	00	0	0	—	19.0	19	1	30	17.5	13	9	21	-1	77	0
354 ZAGAZIG	140	2	20	02	0	0	—	18.6	19	9	52	00	0	10	02	0	0	—
441 ISMA'ILIA																		
366 CAIRO (A)	40	1	20	02	0	1	ci	17.6	19	-2	24	80	6	10	02	0	0	—
372 CAIRO ALMAZA (A)	90	6	22	01	0	0	—	17.2	20	1	28	110	8	12	02	0	0	—
374 CAIRO EZBEKIYA																		
375 GIZA	40	6	10	02	1	0	—	18.0	19	2	32	00	0	6	01	0	0	—
378 HELWAN	320	6	20	02	0	0	—	17.5	18	-1	28	320	6	10	02	0	0	—
381 FAYOUM	360	4	20	02	1	3	ci	17.9	18	2	37							
387 MINYA (A)	20	6	10	02	1	1	ci	18.0	21	2	29	00	0	8	01	0	0	—
393 ASYOUT (A)	300	4	16	02	0	1	ci	18.2	20	-2	23	230	2	10	02	0	0	—
399 NAG' HAMADI	00	0	—	02	0	2	AC	16.3	22	9	44							
402 QENA	320	12	20	00	0	0	—	17.1	20	3	21	270	2		00	0	0	—
405 LUXOR (A)	320	3	22	03	0	1	ci	16.0	24	6	32	180	6	12	02	0	0	—
414 ASWAN	360	10	16	02	0	0	—	14.2	25	6	30	00	0	10	01	0	0	—
417 SIWA	150	4	16	01	1	3	ci	18.1	17	-4	21	140	6	14	02	0	1	ci
420 BAHARIYA	220	2	20	02	2	4	ci	16.8	22	9	44	00	0	10	02	1	0	—
423 FARAFRA	00	0	20	03	0	4	ci	18.5	22	2	27	00	0	12	01	1	3	ci
432 DAKHLA	290	1	20	02	0	2	ci	18.2	21	-3	14	290	2	8	01	0	1	ci
435 KHARGA	250	1	20	01	1	1	ci					00	0	9	01	1	2	ci
450 SUEZ	360	2	50	01	0	0	—	17.2	19	1	30	00	0	10	02	0	0	—
459 TOR																		
462 HURGHADA	350	14	22	02	0	1	ci	16.6	22	8	41	330	12	12	02	0	0	—
465 QUSEIR	340	12	20	03	0	2	ci	16.2	22	6	36	280	6	20	01	0	1	ci
641 PORT SUDAN	30	11	20	01	2	5	Sc	12.7	26	20	70	10	4	22	00	1	7	Sc
600 WADI HALFA	20	13	20	02	0	0	—	14.4	26	-1	17	20	10	22	02	0	0	—
640 ABU HAMAD												360	5	24	02	0	0	—
660 KAREIMA	60	1	21	02	0	0	—	11.2	28	7	27							
680 'ATBARA	340	9	20	02	0	0	—	8.5	30	9	27	340	5	20	02	0	0	—
721 KHARTOUM	40	7	20	02	0	0	—	8.8	30	10	29	340	6	20	02	0	0	—
730 KASSALA	360	6	20	02	0	0	—	5.8	33	13	30	360	5	20	02	0	0	—
751 WAD MEDANI	360	9	20	02	0	1	ci	7.1	32	10	26							
801 RENK	310	5	20	02	0	0	—	8.9	32	12	30							
802 ROSEIRES	310	5	20	02	0	1	ci	4.1	36	6	15							
771 EL OBEID	40	9	20	02	0	0	—	8.7	29	-3	12	360	7	20	02	0	0	—
760 EL FASHER	20	6	35	02	0	1	ci	9.2	20	-4	11	20	8	20	03	0	3	cs
770 GENEINA	40	10	50	03	0	1	cs	9.4	33	-13	5	10	7	50	01	1	2	ci
840 MALAKAL	50	9	20	02	0	0	—	6.8	36	4	13	10	5	20	02	0	0	—
880 WAU	30	6	20	02	2	6	cs	6.2	35	4	14	00	0	20	01	2	0	—
941 JUBA	40	5	20	04	0	1	cu	3.0	38	7	15	00	0	20	04	0	0	—

At 1800 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300 SALLOUM												13.2	16	2	20	+1	39	0
303 SIDI BARRANI												12.6	14	5	20		55	0
306 MATRUH (A)												16.6	11	1	22		51	0
309 EL DAB'AA												16.6	10	0	22		50	0
319 ALEXANDRIA												17.1	15	4	20	+1	48	0
318 ALEXANDRIA (A)												16.9	12	6	21	+3	67	0
330 DAMIETTA												18.2	13	9	17	-1	77	0
333 PORT SA'ID (A)																		
336 EL 'ARISH																		
339 DAMANHUR																		
342 MANSURA												17.4	11	9	21	+1	88	0
348 TANTA												17.5	13	9	21	-1	77	0
360 SHEBIN EL KOM												17.3	10	5	20		71	0
354 ZAGAZIG												16.9	12	8	21	+1	77	0
441 ISMA'ILIA																		
366 CAIRO (A)												17.3	12	6	20		67	0
372 CAIRO ALMAZA (A)												17.6	14	2	20	+1	45	0
374 CAIRO EZBEKIYA															22	+2		
375 GIZA												17.9	6	6	21	+2	97	0
378 HELWAN												17.6	13	1	19	+1	44	0
381 FAYOUM																		
387 MINYA (A)												17.6	10	2	21	+1	58	0
393 ASYOUT (A)												17.8	14	-2	21	0	34	0
399 NAG' HAMADI																		
402 QENA												16.8	12	5	22	-1	63	0
405 LUXOR (A)												15.7	15	0	26	+3	36	0
414 ASWAN												15.6	18	4	26	+3	40	0
417 SIWA												15.0	11	-5	21	+1	33	0
420 BAHARIYA												17.4	12	1	23	+3	47	0
423 FARAFRA												18.7	11	-6	22		44	0
432 DAKHLA												18.4	15	-15	25	+3	11	0
435 KHARGA												15.9	13	-4			31	0
450 SUEZ												17.2	11	4	20	0	63	0
459 TOR																		
462 HURGHADA												16.1	17	4	22	+2	59	0
465 QUSEIR												16.1	19	12	22	-1	64	0
641 PORT SUDAN												13.4	25	21	27		79	0
600 WADI HALFA												14.9	18	-2	27		26	0
640 ABU HAMAD												12.3	21	2	30		29	0
660 KAREIMA																		
680 'ATBARA												10.7	25	5	31		28	0
721 KHARTOUM												9.9	25	9	31		36	0
730 KASSALA												8.5	25	12	34		45	0
751 WAD MEDANI															33			
801 RENK															33			
802 ROSEIRES															37			
771 EL OBEID												14.9	21	-2	31		21	0
760 EL FASHER												16.7	23	-2	32		19	0
770 GENEINA												10.9	23	-6	34		14	0
840 MALAKAL												8.1	26	7	36		30	0
880 WAU												6.9	28	11	35		35	0
941 JUBA												4.7	27	13	39		42	0

At 0600 on THURSDAY 17th JANUARY 1957

Area	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	SALLOUM	280	18	12	02	0	0	—	12.5	-5.3	10	2	9	0	58	0	204	
	SIDI BARRANI	210	12	16	02	0	0	—	12.9		9	2	7		62	0	152	
	MATRUH (A)	200	20	16	02	0	0	—	12.5	-5.9	11	-7	7		28	0	135	
	EL DAB'AA	360	3	10	00	0	0	—	14.8		4	-2	2		65	0	95	
	ALEXANDRIA	130	12	20	03	0	1	ci	16.0	-2.8	10	6	9	-1	76	0	150	123
	ALEXANDRIA (A)	160	4	16	00	0	0	—	15.6	-2.3	8	4	6	-4	76	0	124	90
	DAMIETTA	140	2		00	4	0	—	16.7	-1.1	7	7	5	-3	97	0	117	86
	PORT SA'ID (A)	160	5	12	02	0	0	—	16.0	-2.0	12	3	8	-3	55	0		
	EL 'ARISH																	
LOWER EGYPT	DAMANHUR	18	2	4	01	4	0	—	16.0	-2.6	10	6	7	0	76	0	62	50
	MANSURA	00	0		00	4	0	—	16.0	-2.2	6	4	4	-3	87	0	39	23
	TANTA	160	7	20	02	0	0	—	17.1	-2.0	9	3	1	-5	67	0	23	19
	SHEBIN EL KOM	160	2	10	00	0	0	—	16.8	-2.2	9	2	6		62	0	26	
	ZAGAZIG	00	0	10	02	0	0	—	16.5	-2.5	4	1	1	-5	81	0	27	13
	ISMA'ILIA																	
CAIRO AREA	CAIRO (A)	260	5	14	03	0	2	AC	16.0		12	-2	7		38	0	16	
	CAIRO ALMAZA (A)	220	5	15	02	0	1	ci	16.2	-2.9	10	-1	7	-2	47	0	20	
	CAIRO EZBEKIYA										11	1	6	-2	51	0	19	12
	GIZA	110	3	0.8	46	—	1	ci	17.1	-2.2	7	3	3	-2	76	0	20	13
	HELWAN	70	3	10	02	0	0	—	17.1	-2.5	10	-4	8	0	38	0	15	12
UPPER EGYPT	FAYOUM	00	0	20	02	1	3	cs	17.4	-1.9	5	0	3	-3	70	0	8	4
	MINYA (A)	160	1	7	02	2	1	ci	17.4	-3.0	5	0	1	-3	70	0	dr	
	ASYOUT (A)	00	0	12	02	0	2	ci	17.9	-2.3	7	-5	5	-1	43	0	dr	
	NAG' HAMADI	00	0		02	0	0	—	18.2	-1.3	7	-1	3	-2	43	0	1	
	QENA	360	2	10	03	1	2	ci	17.9	-1.2	9	-6	2	-5	84	0	dr	
	LUXOR (A)	00	0	22	02	0	0	—	17.9	-1.3	7	-4	1		46	0	0	
	ASWAN	00	0	12	02	0	0	—	17.0	-2.0	11	-2	5	-5	41	0	0	
OASES	SIWA	00	0	15	02	1	5	As,ci	14.1	-6.6	4	-7	4	0	44	0	21	5
	BAHARIYA	00	0	20	02	2	5	cs	16.5	-3.7	5	-3	1	-4	37	0	2	5
	FARAFRA	00	0	15	03	6	3	ci	17.9		4	-12	1		30	0	0	
	DAKHLA	340	2	5	03	0	1	ci	19.8	-0.6	5	-7	2	-3	41	0	1	
	KHARGA	00	0	10	02	0	0	—	15.8	-3.8	8	-5	2	-4	40	0	3	
RED SEA	SUEZ	00	0	20	00	0	0	—	16.3	-2.3	6	-2	3	-6	57	0	19	10
	TOR																	8
	HURGHADA	290	12	22	02	0	2	ci	16.3	-1.5	13	-4	5	-3	31	0	dr	
	QUSEIR	270	4	20	03	0	2	cs	15.7	-2.0	15	6	12	-2	35	0	0	4
	PORT SUDAN	320	11	20	02	1	3	Sc	14.1		23	17	21		69	0		
NORTH SUDAN	WADI HALFA	00	0	20	02	0	0	—	17.3		11	-1	7		44	0		
	ABU HAMAD	20	5	24	02	0	0	—	14.9		17	5	14		46	0		
	KAREIMA	50	2	21	02	0	0	—	15.2		16	3	14		42	0		
	'ATBARA	350	5	20	02	0	0	—	13.5		18	7	16		49	0		
	KHARTOUM	360	8	20	02	0	0	—	12.9		18	4	15		40	0		
	KASSALA	10	4	20	02	0	0	—	10.5		23	15	15		61	0		
CENTRAL SUDAN	WAD MEDANI	360	5	20	02	0	0	—	12.5		19	5	12		40	0		
	RENK	360	5	20	02	0	0	—	13.1		21	8	15		44	0		
	ROSEIRES	50	2	20	02	0	0	—	10.7		20	9	16		49	0		
	EL OBEID	360	10	20	02	0	1	ci	13.4		16	-1	12		32	0		
	EL FASHER	00	0	22	01	1	2	ci	15.8		12	-5	6		31	0		
	GENEINA	50	9	45	02	0	0	—	15.0		16	-10	12		16	0		
S. SUDAN	MALAKAL	00	0	20	02	0	0	—	10.4		23	7	17		36	0		
	WAU	10	1	20	02	0	0	—	10.2		18	12	15		68	0		
	JUBA	360	1	20	04	0	1	ci	9.5		26	12	18		82	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga	
DATE	17-1		17-1		17-1		17-1		17-1		17-1		17-1		17-1		17-1		17-1		17-1	
TIME	14		14		14		14		14, 30		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	6	310	13	40	24	180	3	230	10	100	4	200	5	330	9	240	10	100	8	190	6
600 m.	280	6	300	12	260	23	220	13	220	13	230	9	220	5	320	10	350	9	180	12	290	6
1000 m.	270	11	300	12	280	23	220	16	240	16	290	10	230	8	330	7	280	14	150	10	300	8
1500 m.	270	23	290	21	280	26	270	21	270	30	280	20	260	11	350	4	280	20	310	21	310	17
2100 m.					260	23	300	23	280	45	280	35	310	12	310	5	160	23			290	14
2400 m.					270	23	310	28	290	54	290	30	310	18	340	20	160	31			340	10
3000 m.					270	16			290	21			330	20	340	30						
4000 m									280	73												
5000 m.									280	82												
6000 m.																						

STATION	Hurghada				S. Barrani		Cairo (A)		Asyout		Luxor		Aswan		Siwa				Dakhla		Kharga	
DATE	17-1				18-1		18-1		18-1		18-1		18-1		18-1				18-1		18-1	
TIME	14				3		2		2		3		3		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	4			280	23	290	9	80	5	270	2	340	6	340	10			300	5	160	6
600 m.	280	4			290	22	300	14	60	3	270	4	350	6	330	16			320	13	280	13
1000 m.	280	16			290	23	300	10	40	2	250	10	360	5	310	14			320	19	260	16
1500 m.	280	10			300	42	250	18	220	3	280	10	20	4	280	20			290	36	290	15
2100 m.	280	29									280	17	350	3	270	31						
2400 m.	280	32													270	27						
3000 m	290	33																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharciya	
DATE	18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	300	24	290	20	260	25	260	25	260	8	150	4	350	4	70	4	330	3	290	10	350	6
600 m.	310	26	290	22	280	31	260	23	300	17	140	6	340	9	260	8	350	4	320	10	340	10
1000 m.	320	26	300	20	290	33	270	25	290	18	130	6	320	12	270	4	210	3	300	12	330	9
1500 m.	310	33	300	37	280	37	280	33	270	23	120	14	270	19	280	15	240	13	300	24		
2100 m.	310	31	290	50							160	14			260	20	240	18				
2400 m.											150	10			270	28	220	14				
3000 m.											180	28			290	30						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	17-1																			
TIME	14, 30																			
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	19																		
1000 mb.	121	18		250	10															
950 mb.																				
900 mb																				
850 mb.	1590	11		270	30															
800 mb.																				
700 mb.	3183	3		290	71															
600 mb.																				
500 mb.	5805	-17																		
400 mb.	7445	-29																		
300 mb.	9443	-43																		
200 mb.	12070	-60																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Friday 18th January, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No appreciable change in temp. Mild weather by day, cold by night. Winds chiefly med. between W & SW. Mainly clear.

In Upper Egypt: Light variable winds, clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 51 U.T. / " " Sunset 15 20 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
62300 SALLOÛM			18	03	1		ci	12.2	22	4	31
303 SÎDI BARRÂNI	300	11	8	05	0	0	—	11.8	18	13	73
306 MATRÛḤ (A)	300	12	16	02	0	0	—	12.3	18	10	60
309 EL ḌAB'AA	320	8	20	00	0	0	—	12.4	20	-6	17
319 ALEXANDRIA											
318 ALEXANDRIA (A)	220	12	16	02	0	0	—	12.2	22	1	25
330 DAMIETTA	220	2	20	01	0	0	—	13.8	20	6	41
333 PORT SA'ÎD (A)	00	0	20	02	0	0	—	13.8	19	7	46
336 EL 'ARISH											
339 DAMANHÛR	200	5	20	02	0	0	—	13.0	22	6	36
342 MANṢÛRA	220	5		02	0	0		13.6	21	4	33
348 ṬANṬA	360	8	20	02	0	0	—	13.9	21	4	33
360 SHEBÎN EL KÔM	160	5	20	00	0	0	—	13.8	21	1	27
354 ZAGAZIG	220	1	20	02	0	0	—	12.9	22	6	36
441 ISMA'ÎLÎA											
366 CAIRO (A)	220	10	10	02	0	2	cs	13.2	20	-2	23
372 CAIRO ALMÂZA (A)	200	10	15	03	0	1	ci	13.7	21	1	27
374 CAIRO EZBEKÎYA											
375 GIZA	220	8	12	01	0	1	cs	14.3	20	4	35
376 ḤELWÂN	160	9	10	02	0	0	—	13.8	19	1	30
381 FAYOÛM	360	4	20	01	0	0	—	14.3	18	3	37
387 MINYA (A)	200	7	8	02	0	1	ci	14.0	22	0	23
393 AṢYOÛṬ (A)	80	3	16	03	1	4	ci	14.2	21	2	29
399 NAG' HAMÂDI	00	0	20	02	0	0	—	14.0	22	6	36
402 QENA	290	4	20	02	1	3	ci	15.0	22	9	44
405 LUXOR (A)	00	0	22	03	0	3	cs	13.9	25	4	26
414 ASWÂN	360	2	15	03	0	3	cu	13.5	25	-4	15
417 SÎWA	320	5	16	02	1	6	cs	13.1	22	-5	16
420 BAḤARÎYA	220	8	20	02	2	7	ci	12.6	26	9	35
423 FARAFRA	00	0	20	01	1	3	ci	14.5	23	-1	20
432 DAKHLA	130	4	22	01	1	2	ci	15.0	25	-17	4
435 KHARGA	160	2	20	01	2	2	ci	13.6	23	-4	16
450 SUEZ	00	0	50	02	0	0	—	13.9	19	4	37
459 TÔR											
462 HURGHÂDA	70	5	22	02	0	2	ci	13.1	22	8	41
465 QUSEIR	360	8	20	03	0	2	cs	13.7	22	11	50
841 PORT SÛDÂN	30	12	20	01	2	1	sc	11.1	27	21	70
600 WÂDI ḤALFA	10	9	20	02	0	0	—	12.6	27	3	20
640 ABU ḤAMAD	50	5	24	02	0	0	—	10.0	30	1	13
660 KAREIMA	50	5	21	03	0	1	ci	10.0	29	2	18
680 'ATBARA	10	13	20	02	0	0	—	8.6	31	5	19
721 KHARṬOÛM	20	15	20	02	0	0	—	8.1	31	5	19
730 KASSALA	360	10	10	06	0	0	—	6.0	31	7	22
751 WÂD MEDANI	360	9	20	02	0	0	—	6.6	32	10	26
801 RENK	310	9	20	02	0	0	—	7.6	33	11	26
802 ROSEIRES	310	2	20	02	0	0	—	3.1	35	7	18
771 EL OBEID	20	10	20	02	0	0	—	7.6	30	-4	11
760 EL FASHER	50	10	45	02	0	0	—	8.2	31	-5	9
770 GENEINA	50	14	50	02	0	0	—	7.8	33	27	2
840 MALAKÂL	50	7	20	04	0	0	—	5.7	35	5	15
880 WÂU											
941 JUBA	40	9	20	04	0	1	cu	2.0	38	10	18

At 1800 on 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOÛM	00	0	8	03	2	7	ci	13.1	15	12	22	+3	82	0
303 SÎDI BARRÂNI	210	8	10	03	1	5	ci	12.8	12	10	18		88	0
306 MATRÛḤ (A)	240	9	16	02	0	1	ci	12.8	12	9	19		82	0
309 EL ḌAB'AA														
319 ALEXANDRIA	310	12	20	01	0	0	—	13.0	16	12	21	+3	77	0
318 ALEXANDRIA (A)	310	12	12	02	0	0	—	12.4	17	11	23	+5	68	0
330 DAMIETTA	220	2		02	0	0	—	12.2	14	5	20	+2	55	0
333 PORT SA'ÎD (A)	190	9	12	02	0	0	—	11.9	15	9	21	+3	68	0
336 EL 'ARISH														
339 DAMANHÛR														
342 MANṢÛRA	00	0		02	0	0	—	11.9	13	4	22	+2	55	0
348 ṬANṬA	200	8	20	02	0	0	—	13.4	15	1	21	+2	39	0
360 SHEBÎN EL KÔM														
354 ZAGAZIG														
441 ISMA'ÎLÎA														
366 CAIRO (A)	190	9	12	02	0	0	—	12.4	15	-1	20		34	0
372 CAIRO ALMÂZA (A)	170	14	15	02	0	2	ci	12.7	16	-2	21	+2	30	0
374 CAIRO EZBEKÎYA											23	+3		
375 GIZA	210	3	8	03	0	3	cs	13.4	14	5	21	+2	55	0
376 ḤELWÂN	160	8	10	02	1	2	ci	13.4	16	-5	20	-2	24	0
381 FAYOÛM	360	4	20	02	0	0	—	13.0	12	6	20	0	67	0
387 MINYA (A)	160	4	8	02	0	2	ci	13.5	12	0	23	+2	44	0
393 AṢYOÛṬ (A)	180	7	10	02	0	0	—	14.5	16	3	22	+1	42	0
399 NAG' HAMÂDI	00	0		02	0	2	Ac	15.1	12	5	23	+2	63	0
402 QENA														
405 LUXOR (A)	40	2	12	02	0	0	—	13.9	15	5	26		52	0
414 ASWÂN	00	0	11	01	0	1	ci	13.9	18	-4	27	+4	22	0
417 SÎWA	280	2	12	01	1	0	—	13.2	14	-3	24	+4	32	0
420 BAḤARÎYA	00	0	10	02	1	3	cs	13.7	14	2	27	+7	45	0
423 FARAFRA	00	0	12	03	1	3	ci	15.1	14	-6	24		25	0
432 DAKHLA	180	3	9	02	0	1	ci	15.2	20	4	26	+4	35	0
435 KHARGA	00	0	8	01	1	1	ci	13.9	22	0	25	+3	23	0
450 SUEZ	160	2	10	02	0	0	—	13.5	15	7	20	0	59	0
459 TÔR														
462 HURGHÂDA														
465 QUSEIR		2	20	01	0	4	cs	13.5	20	14	23	0	69	0
841 PORT SÛDÂN	00	0	20	02	0	1	sc	13.1	24	20	28		79	0
600 WÂDI ḤALFA	20	9	20	02	0	0	—	14.5	19	-3	28		23	0
640 ABU ḤAMAD	20	5	24	02	0	0	—	11.2	22	1	31		25	0
660 KAREIMA	30	1	21	01	0	1	cs	11.9	23	-2	30		19	0
680 'ATBARA	10	6	20	01	0	0	—	10.0	24	11	31		28	0
721 KHARṬOÛM	360	4	20	02	0	0	—	9.7	25	6	32		30	0
730 KASSALA	10	3	20	02	0	0	—	8.7	24	11	32		44	0
751 WÂD MEDANI														
801 RENK											33			
802 ROSEIRES														
771 EL OBEID	30	7	20	02	0	0	—	9.7	22	-3	30		19	0
760 EL FASHER											33			0
770 GENEINA	30	8	50	02	0	0	—	10.0	25	3	34		24	0
840 MALAKÂL	00	0	20	04	0	0	—	7.4	26	8	35		32	0
880 WÂU	360	3	20	02	0	0	—	5.3	28	9	35		31	0
941 JUBA	00	0	20	04	0	3	Ac	3.8	28	15	38		45	0

At 0600 on FRIDAY 18th JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
62300 SALLOÛM	280	15	18	02	2	5	cs	14.5	-3.3	9	1	9	0	58	0	204	
303 SÎDI BARRÂNI	240	13	15	02	2	7	cu	13.3		9	9	9		97	0	152	
306 MATRÛḤ (A)	230	14	16	02	0	0	—	13.6	-4.8	10	7	8		82	0	135	
309 EL ḌAB'AA	270	8	10	00	0	0	—	13.4		9	2	4		62	0	95	
319 ALEXANDRIA	310	14	20	03	0	3	cu	13.3	-5.4	16	10	15	+5	68	0	150	125
318 ALEXANDRIA (A)	240	7	12	02	2	4	sc	12.7	-5.2	14	9	13	+4	72	0	124	92
330 DAMIETTA	200	2		02	0	0		12.8	-5.0	9	7	6	-2	88	0	117	57
333 PORT SA'ÎD (A)	240	15	8	02	0	0	—	12.1	-5.9	12	10	10	-1	88	0		
336 EL 'ARISH																	
339 DAMANHÛR	180	5	4	10	4	0	—	13.3	-5.2	11	11	7	0	97	0	62	51
342 MANṢÛRA	00	0		00	0	0	—	13.0	-5.2	9	7	5	-2	88	0	39	24
348 ṬANṬA	220	5	20	02	2	8	cu	13.1	-6.0	9		6	0		0	33	19
360 SHEBÎN EL KÔM	140	2	10	00	0	0	—	13.8	-5.1	10	8	9		88	0	26	
354 ZAGAZIG	220	1	10	02	0	0	—	12.7	-6.3	9	7	3	-3	88	0	27	13
441 ISMA'ÎLÎA																	
366 CAIRO (A)	220	7	12	01	2	1	ci	13.7		12	10	11		88	0	16	
372 CAIRO ALMÂZA (A)	180	7	12	02	0	2	ci	13.7	-5.4	12	10	10	+1	88	0	20	
374 CAIRO EZBEKÎYA										11	7	9	+1	77	0	19	12
375 GIZA	190	2	10	01	—	3	cs	14.3	-4.9	10	3	5	0	62	0	20	13
376 ḤELWÂN	00	0	10	02	1	4	ci	14.4	-5.1	11	7	9	+1	77	0	15	13
381 FAYOÛM	00	0	20	02	0	0	—	14.6	-4.7	8	2	5	-1	66	0	8	4
387 MINYA (A)	180	1	5	03	0	6	Ac,As	14.7	-5.7	5	-7	2	-2	41	0	dr	
393 AṢYOÛṬ (A)	00	0	12	03	0	4	Ac	15.0	-5.2	8	-6	4	-2	37	0	dr	
399 NAG' HAMÂDI	00	0		03	2	6	ch,As	15.4	-4.1	11	-1	5	0	44	0	1	
402 QENA	00	0	10	03	1	2	ci	15.6	-3.4	10	-4	2	-5	38	0	dr	
405 LUXOR (A)	00	0	22	03	0	1	ci	14.0	-5.1	9	-4	3		40	0	0	
414 ASWÂN	320	2	12	03	0	2	ci	14.9	-4.0	12	-4	7	-3	33	0	0	
417 SÎWA	00	0	12	01	2	7	ns,As	15.2	-5.4	9	-3	8	+4	44	0	21	5
420 BAḤARÎYA																2	6
423 FARAFRA	00	0	15	03	1	5	ci	16.0		8	-8	5		31	0	0	
432 DAKHLA	150	2	14	01	2	5	ci	16.6	-3.8	6	-20	3	-2	16	0	1	
435 KHARGA	00	0	10	01	1	3	ci	13.4	-6.1	9	-3	4	-2	44	0	3	
450 SUEZ	00	0	20	00	0	0	—	13.6	-4.9	10	3	6	-3	62	0	19	10
459 TÔR																	8
462 HURGHÂDA	00	0	20	02	0	2	ci	12.6	-5.2	11	2	6	-4	54	0	dr	
465 QUSEIR	30	10	20	03	1	5	cs	13.0	-4.7	18	-1	13	-1	28	0	0	4
841 PORT SÛDÂN	300	4	20	01	0	1	sc	13.7		23	19	19		79	0		
600 WÂDI ḤALFA	110	4	20	03	0	1	ci	15.5		12	-8	8		24	0		
640 ABU ḤAMAD	360	2	24	02	0	0	—	14.5		16	-3	13		28	0		
660 KAREIMA	00	0	21	03	0	1	ci	14.3		14	9	11		72	0		
680 'ATBARA	10	4	20	02	0	0	—	12.7		17	8	13		56	0		
721 KHARṬOÛM	10	11	20	02	0	0	—	11.8		19	6	16		43	0		
730 KASSALA	250	2	20	02	0	0	—	9.4		23	16	17		65	0		
751 WÂD MEDANI																	
801 RENK	360	5	20	02	0	0	—	12.4		19	5	14		40	0		
802 ROSEIRES																	
771 EL OBEID	360	4	20	02	0	0	—	12.2		17	-2	12		28	0		
760 EL FASHER	290	3	40	02	0	0	—	16.8		11	-5	6		33	0		
770 GENEINA	70	7	50	02	0	0	—	14.5		17	-17	9		9	0		
840 MALAKÂL	30	12	20	02	0	0	—	9.2		23	4	20		29	0		
880 WÂU	340	1	20	02	0	0	—	9.3		21	9	17		47	0		
941 JUBA	350	1	20	04	0	2	ci	8.9		25	12	19		45	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Dakhla		Kharga	
DATE	18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1		18-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	11	260	19	270	26	280	19	350	7	330	13	290	5	320	10	330	22	330	11	30	7
600 m.	330	6	270	27	270	28	270	25	340	5	340	16	330	10	320	11	330	23	350	4	350	8
1000 m.	300	18			270	32	270	28	340	7	320	16	260	16	310	10	330	22	350	12	40	12
1500 m.	310	49			270	45	290	30	330	12	320	23	250	15	320	11	330	15	310	19	300	16
2100 m.							280	50			300	18	240	23	280	25	320	30	300	33		
2400 m.							280	53							280	31	300	38				
3000 m.							280	61														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Dakhla		Kharga						Kharga		Hurghada	
DATE	19-1		19-1		19-1		19-1		19-1		19-1		19-1						19-1		19-1	
TIME	2		2		2		2		3		4		3						8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	25	280	18	350	10	10	8	20	13	40	4	20	18					20	16	320	15
600 m.	320	33	280	23	340	17	340	19	30	10	70	10	20	16					10	17	300	15
1000 m.	320	37	290	23	320	19	330	14	280	16	70	8	20	16					360	5	300	23
1500 m.			290	30	260	20	300	26	320	8	300	11										
2100 m.			290	42					320	8												
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1	
TIME	8		8		8		8		8		8		8		8		8		8	15	8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	310	32	270	28	260	10	340	5	350	7	350	11	20	5	30	10	360	13	50	9	50	9
600 m.	320	29	280	26	300	14	330	17	340	16	340	17	10	6	350	7	360	16	60	11	60	11
1000 m.	310	40	290	30	300	17	320	20	330	16	340	15	290	6	320	9	360	18	60	8	30	5
1500 m.	300	52	290	29	310	20	300	25	310	28	300	20			300	17	340	17	80	12	270	11
2100 m.											270	23			300	18	300	22				
2400 m.											270	30			300	18	290	26				
3000 m.											260	38			290	19						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	18-1																			
TIME	14																			
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR.	WIND SPEED
Surface	70	18																		
1000 mb.	104	18		300	14															
950 mb.																				
900 mb.																				
850 mb.	1464	6		290	30															
800 mb.																				
700 mb.	3025	-1		280	61															
600 mb.																				
500 mb.	5639	-16																		
400 mb.	7286	-28																		
300 mb.	9293	-41																		
200 mb.	11940	-59																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 19th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. below normal in Lower Egypt & Cairo. Winds chiefly moderate NW. Low clouds increasing with chance of occasional showers, specially near coasts. In Upper Egypt: Winds chiefly moderate N'ly. Mainly clear except for some low clouds in the north.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 51 U.T.
" " Sunset 15 21 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	300	12	18	01	1	0	—	13.5	18	3	37	
	303	SÎDI BARRÂNI	280	18	18	03	2	6	cu, ci	12.8	15	12	82	
	306	MATRÛH (A)	290	21	19	02	1	4	ci	12.6	17	8	56	
	309	EL ḌAB'AA	300	15	20	00	0	6	cs	11.6	18	8	52	
	319	ALEXANDRIA	310	20	10	03	0	5	cu, AC	11.6	17	11	68	
	318	ALEXANDRIA (A)	280	24	12	03	0	6	Sc	11.3	20	11	56	
	330	DAMIETTA	330	6	10	02	1	6	cu	10.7	17	9	60	
	333	PORT SA'ÎD (A)	260	15	12	02	2	7	Sc	9.9	17	12	72	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	310	9	10	03	0	4	cu	12.2	17	9	60	
	342	MANŞÛRA	220	7		03	1	6	cb	10.6	20	8	46	
	348	ṬANṬA	220	10	20	01	1	3		11.8	20	6	41	
	360	SHEBÎN EL KÔM	250	9	20	01	1	1	as	11.9	21	1	27	
	354	ZAGAZIG	270	1	20	07	0	0	—	10.9	20	8	46	
	441	ISMA'ILÎA												
CAIRO AREA	366	CAIRO (A)	300	12	7	05	0	3	ci	11.1	20	−3	21	
	372	CAIRO ALMÂZA (A)	240	14	12	01	1	4	ci	11.6	21	2	29	
	374	CAIRO EZBEKÎYA												
	375	GIZA	280	8	12	03	0	1	cc	12.2	21	3	31	
	378	HELWÂN	200	13	4	04	1	0	—	11.9	19	4	37	
UPPER EGYPT	381	FAYOÛM	360	4	20	02	1	3	cc	12.6	20	4	35	
	387	MINYA (A)	340	5	8	01	0	1	AC	13.0	22	−1	21	
	393	AṢYOÛṬ (A)	270	5	16	03	0	2	ci	12.4	22	−4	17	
	399	NAG' HAMÂDI	290	7	20	01	2	3c	AC, cs	12.7	23	5	32	
	402	QENA	290	3	20	02	1	2	ci	13.5	23	1	24	
	405	LUXOR (A)	320	5	22	02	0	3	cs	10.9	27	3	22	
	414	ASWÂN	280	2	15	03	0	1	ci	11.4	29	0	15	
OASES	417	SÎWA	320	8	10	02	2	6	AC, AS	14.6	21	2	29	
	420	BAḤARÎYA	320	4	10	02	2	4c	ci	13.2	22	8	41	
	423	FARAFRA	80	3	12	05	2	1	ci	14.2	22	−12	9	
	432	DAKHLA	340	5	24	03	2	6	ci					
	435	KHARGA	160	1	20	02	2	2	ci	11.9	25	−4	15	
RED SEA	450	SUEZ	120	2	50	03	0	2	cu	11.9	19	7	46	
	459	TÔR												
	462	HURGHÂDA	70	2	22	07	0	2	cc	10.4	25	12	45	
	465	QUSEIR	60	3	20	02	2	5	cs	10.9	24	14	54	
	641	PORT SÛDÂN	190	6	20	03	0	2	Sc, ci	11.3	27	20	66	
NORTH SUDAN	600	WÂDI ḤALFA	50	1	30	02	0	3	ci	11.6	27	−1	16	
	640	ABU ḤAMAD	50	5	24	03	0	2	ci	8.8	32	0	13	
	660	KAREIMA	50	2	21	01	0	0	—		33	−3	10	
	680	ʿAṬBARA	60	15	7	07	0	1	ci	7.1	33	−10	6	
	721	KHARṬOÛM	40	16	20	01	0	0	—	7.4	31	−2	11	
	730	KASSALA	30	7	20	02	0	0	—	4.7	34	12	27	
CENTRAL SUDAN	751	WÂD MEDANI	360	13	20	02	0	0	—	5.8	32	0	13	
	801	RENK	50	9	20	02	0	0	—	2.7	35	7	18	
	802	ROSEIRES	50	16	20	02	0	0	—	6.3	31	−1	12	
	771	EL OBEID	50	9	40	02	0	0	—	7.6	31	1	15	
	760	EL FASHER	70	11	50	02	0	0	—	6.8	33	−8	7	
	770	GENEINA	30	9	20	04	0	0	—	4.4	35	2	12	
S. SÛDÂN	840	MALAKÂL	20	5	20	02	0	0	—	3.8	36	4	13	
	880	WÂU	50	4	20	04	0	0	—	2.9	37	10	19	
	941	JUBA												

At 1800 on 18th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	280	8	12	01	0	0	—	14.8	14	3	18	−1	48	0
SÎDI BARRÂNI	310	19	16	01	2	3	Sc	13.9	15	9	17		68	0
MATRÛH (A)	270	10	10	01	2	3	Sc	13.9	14	8	18		67	0
EL ḌAB'AA	340	16		00	0	2	cu	12.6	16	8	19		59	0
ALEXANDRIA	310	30	20	01	5	0	—	12.3	16	8	18	0	59	0
ALEXANDRIA (A)	300	23	12	03	0	3	Sc	11.7	17	6	20	+2	49	0
DAMIETTA	220	5		00	1	0	—	10.8	15	7	18	0	59	0
PORT SA'ÎD (A)	260	17	12	01	8	1	cu, Sc	10.0	15	11	19	+1	77	dr
EL 'ARISH														
DAMANHÛR	310	5		02	1	3	cu	12.3	14	8	20	0	67	0
MANŞÛRA	00	0		03	1	6	cb	10.8	14	8	20	0	67	0
ṬANṬA	40	2	20	03	2	4	Sc	12.7	11	9	21	+1	88	0
SHEBÎN EL KÔM	250	2	10	01	1	1	Sc	12.7	11	4	22		63	0
ZAGAZIG	220	1		02	0	0	—	11.3	14	8	22	+2	67	0
CAIRO (A)	290	8	8	01	0	0	—	12.5	14	5	20		55	0
CAIRO ALMÂZA (A)	260	9	15	02	0	0	—	12.9	14	6	21	+2	59	0
CAIRO EZBEKÎYA											22	+2		0
GIZA	350	5	8	01	1	0		13.2	13	7	22	+3	67	0
HELWÂN	290	11	10	01	2	0	—	13.1	15	4	21	+3	48	0
FAYOÛM	00	0	20	01	0	0	—	13.0	16	3	21	0	42	0
MINYA (A)	00	0	7	02	2	8	AC, AS	14.0	15	2	23	+2	42	0
ASYOÛṬ (A)	250	2	10	02	0	2	AC	14.0	17	−4	23	+2	24	0
NAG' HAMÂDI	00	0		01	0	2	AC	14.4	13	7	24	+3	55	0
QENA	290	3		00	0	0	—	12.7	16	3	25	+2	42	0
LUXOR (A)	00	0	12	02	0	0	—	12.6	18	2	28		34	0
ASWÂN	00	0	10	01	0	0	—	10.9	22	−5	30	+7	16	0
SÎWA	360	2	10	02	2	8	NS, AC	15.2	15	5	21	+1	52	0
BAḤARÎYA	320	2	10	02	2	6	AC, AS	14.3	16	8	23	+3	59	0
FARAFRA	00	0	12	02	0	0	—	16.2	13	−7	23		24	0
DAKHLA	00	0	9	02	0	0	—	14.7	18	−12	26	+4	12	0
KHARGA	00	0	9	02	0	0	—	12.2	17	−7	26	+4	19	0
SUEZ	330	2	10	01	0	0	—	11.9	17	1	22	+2	34	0
TÔR														
HURGHÂDA	330	22	12	02	0	4	cc	11.1	20	5	26	+6	38	0
QUSEIR	360	1	20	02	1	3		10.8	20	13	27	+4	64	0
PORT SÛDÂN	00	0	20	01	2	2	Sc	11.8	23	19	28		79	0
WÂDI ḤALFA	120	5	30	02	1	4	cc	11.1	21	−4	33		18	0
ABU ḤAMAD	360	2	24	01	0	0	—	10.9	23	−5	33		15	0
KAREIMA	20	2	21	02	0	1	ci	10.5	27	2	33		20	0
ʿAṬBARA	350	6	20	01	0	0	—	9.5	23	4	33		29	0
KHARṬOÛM	360	7	20	02	0	0	—	8.9	26	2	32		21	0
KASSALA	00	0	20	02	0	0	—	7.9	23	13	34		53	0
WÂD MEDANI											33			
RENK											35			
ROSEIRES											36			
EL OBEID	30	7	20	02	0	0	—	9.0	23	2	31		26	0
EL FASHER	50	6	25	02	0	0	—	10.0	23	−2	33		19	0
GENEINA	20	8	50	02	0	0	—	9.0	24	−7	35		13	0
MALAKÂL	110	2	20	04	0	0	—	6.5	27	7	36		28	0
WÂU	360	1	20	02	0	0	—	5.3	28	9	36		31	0
JUBA	270	2	20	04	0	0	—	3.6	29	11	37		33	0

At 0600 on SATURDAY 19th JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	330	4	14	02	1	6	Sc, AC	15.9	−1.8	10	1	9	0	54	0	204	
SÎDI BARRÂNI	330	12	15	03	2	6	Sc	14.7		13	9	12		77	0	152	
MATRÛH (A)	330	14	14	02	2	7	cu, Sc	14.7	−3.7	14	6	8		59	0	135	
EL ḌAB'AA	330	9	10	00	0	5	cu	13.7		14	0	8		34	0	95	
ALEXANDRIA	340	24	20	03	6	6	cu, Sc	13.3	−5.4	14	8	13	+3	67	0.2	151	127
ALEXANDRIA (A)	330	20	10	25	8	7	cu, Sc	13.0	−4.9	15	7	15	+6	59	0.2	124	93
DAMIETTA	340	19		03	6	4	cb	11.6	−6.2	14	8	7	−1	67	2	119	58
PORT SA'ÎD (A)	260	13	10	03	1	6	cu, Sc, AC	11.4	−6.6	13	9	10	−1	77	0.2		
EL 'ARISH																	
DAMANHÛR	310	5	10	00	1	6	cb	12.9	−5.6	13	9	9	+2	77	0	62	52
MANŞÛRA	00	0		03	1	6	NS	12.8	−5.3	11	9	8	+1	88	dr	39	24
ṬANṬA	220	4	20	03	2	7	st	13.8	−5.2	11	9	6	0	88	0	33	19
SHEBÎN EL KÔM	220	2	10	01	1	3	Sc	14.1	−4.8	11	9	9		88	0	26	
ZAGAZIG	220	1	10	02	2	8	cu	13.6	−5.3	10	8	8	+2	88	0	27	13
CAIRO (A)	280	9	10	02	2	7	Sc	14.1		11	8	12		82	0	16	
CAIRO ALMÂZA (A)	240	10	10	50	2	7	Sc	13.5	−5.6	12	8	10	+1	77	0	20	
CAIRO EZBEKÎYA										12	8	9	+1	77	0	19	12
GIZA	00	0	8	03	—	6	Sc	14.2	−4.9	11	8	8	+3	82	0	20	13
HELWÂN	270	3	10	02	2	7	Sc	14.8	−4.7	11	7	10	+2	77	0	15	13
FAYOÛM	00	0	20	02	0	0	—	15.1	−4.1	11	6	10	+4	71	0	8	4
MINYA (A)	00	0	8	01	0	3	AS, AS	15.7	−4.7	10	3	8	+4	62	0	dr	
ASYOÛṬ (A)	00	0	14	02	0	0	—	16.1	−4.1	10	−2	9	+3	44	0	dr	
NAG' HAMÂDI	00	0		02	0	3	AS, ci	15.8	−3.6	14	3	6	+1	48	0	1	
QENA	270	3	10	00	0	0	—	15.2	−3.8	12	3	5	−2	55	0	dr	
LUXOR (A)	00	0	22	03	0	1	ci	14.8	−4.3	11	1	6		51	0	0	
ASWÂN	00	0	12	03	0	2	ci	14.2	−4.7	12	−3	8	−2	36	0	0	
SÎWA	00	0	11	02	1	0	—	16.9	−3.7	6	2	6	+2	76	0	21	5
BAḤARÎYA	320	1	10	02	0	0	—	16.3	−3.8	10	4	7	+2	67	0	2	5
FARAFRA	00	0	10	03	1	5	AC	17.2		8	−6	7		37	0	0	
DAKHLA	180	2	13	03	0	4	ci	17.0	−3.3	7	−17	6	+1	17	0	1	
KHARGA	00	0	8	01	1	3	ci	13.3	−6.2	15	1	7	+1	39	0	3	
SUEZ	330	2	20	00	0	5	cu	13.1	5.4	14	8	9	0	67	0	19	10
TÔR																	8
HURGHÂDA	320	19	8	06	0	1	AC	12.2	5.7	18	6	15	+5	46	0	ds	
QUSEIR	270	3	20	02	0	3	cs	13.0	−4.6	19	0	14	0	28	0	0	4
PORT SÛDÂN	180	3	20	01	0	1	Sc	11.4		21	13	17		61	0		
WÂDI ḤALFA	140	9	24	03	1	4	ci	13.5		13	−10	11		19	0		
ABU ḤAMAD	00	0	24	03	0	1	ci	12.9		17	3	12		39	0		
KAREIMA	60	0	21	03	0	1	ci	13.1		15	1	13		39	0		
ʿAṬBARA	10	5	20	01	0	0	—	11.9		19	1	14		30	0		
KHARṬOÛM	10	12	20	02	0	0	—	11.0		21	−1	17		23	0		
KASSALA	80	3	20	02	0	0	—	9.8		23	14	17		57	0		
WÂD MEDANI	50	5	20	02	0	0	—	11.0		19	2	12		32	0		
RENK	310	5	20	02	0	0	—	12.1		19	10	14		56	0		
ROSEIRES	310	2	20	02	0	0	—	9.6		19	10	15		56	0		
EL OBEID	360	6	20	02	0	0	—	13.0		17	−3	11		26	0		
EL FASHER	00	0	40	03	0	2	ci	15.6		12	−4	8		33	0		
GENEINA	60	7	50	08	0	2	cs	14.7		15	−21	10		8	0		
MALAKÂL	50	10	20	02	0	0	—	8.8		25	3	20		24	0		
WÂU	150	1	20	02	0	0	—	9.1		18	9	15		56	0		
JUBA	210	2	20	04	1	4	AC, ci	8.1		26		18			0		

RETARDS DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1		19-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	10	220	26	290	26	320	17	320	13	310	8	330	14	340	7	320	14	40	10	10	3
600 m.	10	20	320	20	290	23	310	19	320	23	320	13	320	15	330	4	320	16	30	8	40	4
1000 m.	210	13	290	15	290	24	300	17	320	19	340	19	320	15	340	9	320	17	10	9	70	3
1500 m.	290	12			280	30	280	17	300	17	320	15	310	17	300	17	330	13	310	24	50	7
2100 m.	310	15							300	23			260	16	290	23	320	26	280	15		
2400 m.	300	15											270	26	270	33	340	30	260	25		
3000 m.																	340	52				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor		Siwa		Dakhla				Kharga		Hurghada	
DATE	19-1		19-1				20-1		20-1		20-1		20-1		20-1				20-1		20-1	
TIME	14		14				2		2		2		2		4				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	11	340	19			340	17	280	11	10	4	50	10	60	10			20	17	320	13
600 m.	10	8	320	20			340	18	300	17	360	11	20	6	40	11			30	18	320	16
1000 m.	10	9	290	27			330	19	310	16	360	12	350	8	20	13			350	15	300	18
1500 m.	320	9	270	24			310	24	300	17	350	15	310	13	340	13					300	31
2100 m.			270	43					310	21	350	18	310	16							280	40
2400 m.									320	19	340	21	300	23							280	76
3000 m.													290	22								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	10	300	16	280	12	330	3	350	7	360	9	360	14	40	5	340	7	80	6	30	4
600 m.	320	12	290	17	310	9	330	14	360	15	360	14	10	15	30	7	340	8	80	8	40	13
1000 m.	330	17	290	17	300	13	350	16	340	23	360	19	10	13	360	10	350	9	50	8	110	12
1500 m.	350	12	280	16	320	13	330	24	320	26	330	19	260	4	330	14	350	17	270	13	340	15
2100 m.							320	30			330	26	260	31	310	19	340	30			290	25
2400 m.							320	5			330	23	280	28	320	19	330	38				
3000 m.															300	35	320	29				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	19-1																			
TIME	14																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	15																		
1000 mb.	121	16		320	15															
950 mb.																				
900 mb.																				
850 mb.	1500	12		280	17															
800 mb.																				
700 mb.	3103	6																		
600 mb.																				
500 mb.	5705	-15																		
400 mb.	7355	-29																		
300 mb.	9345	-45																		
200 mb.	11700	-53																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 20th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm – decreased
31 – no change
32 – increased
33 Severe duststorm or sandstorm – decreased
34 – no change
35 – increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed – slight
88 – moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder – slight
90 – moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No appreciable change in temp. Low clouds increasing in the north with possibility of rain on coasts. Moderate NW winds.

In Upper Egypt: Mainly clear, moderate NNW winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 51 U.T. / " " Sunset 15 22 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud * Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
00	0	18	03	2	7	cu, sc	15.0	15	4	48
350	12	18	01	2	6	sc	14.5	15	9	68
300	17	16	02	0	3	cu, sc	14.8	15	5	52
340	8	20	00	0	5	cu	14.4	16	3	42
320		20	01	1	4	cu	13.8	15	4	48
300	22	12	02	0	4	cu	13.4	17	4	42
320	24	10	03	5	7	cu	11.8	15	7	77
310	9	10	02	1	5	cu	13.1	16	3	42
320	7		01	1	5	sc, cu	13.4	16	8	59
270	9	20	03	2	5	cu	13.9	16	5	49
00	0	20	01	1	2	cu	13.1	17	4	42
270	2	20	03	1	5	cu	13.0	17	7	52
300	16	10	01	2	6	cu, sc	13.0	16	7	56
290	11	25	01	5	6	cu, sc	13.4	16	6	52
320	10	8	03	8	6	cu	13.6	16	7	56
290	11	20	02	2	7	cu, sc	13.6	15	7	59
360	4	20	03	2	6	cu, sc	13.1	18	6	46
340	12	10	02	0	0	—	14.0	21	0	25
320	7	12	02	0	0	—	14.5	20	4	35
290	1		01	2	4	ac, cs	13.0	22	6	36
290	4	20	00	0	0	—	13.0	22	6	36
330	11	22	01	0	0	—	11.9	23	5	32
360	4	25	02	0	5	ci	11.8	24	3	26
340	9	18	02	0	0	—	15.3	19	5	40
320	5	20	02	0	0	—	14.0	19	4	37
80	4	12	00	0	0	—	14.9	20	2	30
90	3	24	01	0	3	ci	14.3	24	0	21
20	2	15	03	0	1	ci	11.3	23	1	24
340	2	50	02	0	5	cu	12.7	18	6	46
360	23	8	06	0	0	—	10.4	21	10	50
360	5	20	01	0	0	—	10.9	22	11	50
110	10	20	03	1	7	cs	9.1	28	21	66
340	3	24	02	1	5	cs	9.5	30	-2	12
00	0	30	03	1	7	cs	8.4	33	-5	8
00	0	21	03	0	7	cs	8.9	33	-7	7
30	7	20	03	0	5	cs	6.8	34	-6	7
40	14	20	03	0	5	ci	6.6	33	-7	7
30	6	20	02	0	0	—	4.1	34	3	14
50	13	20	02	0	0	—	4.9	34	-4	9
360	9	20	02	0	2	ce	6.2	36	-2	9
310	5	20	02	0	1	ci	2.5	36	6	15
70	18	20	01	1	2	ci	5.9	33	-7	7
70	8	35	01	1	2	ci	6.2	33	-6	8
50	13	20	03	0	1	ac	4.6	36	1	11
40	3	20	02	0	0	—	4.2	35	5	15
360	7	20	04	1	1	ac	2.9	36	7	17

At 1800 on 19th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud * Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
00	0	12	03	1	6	cu, sc	16.4	12	3	16	-3	55	0
330	13	15	01	2	5	sc	16.1	13	8	15		72	0
300	13	10	02	1	2	sc, cu	16.0	12	4	16		59	0
340	11		00	0	0	—	15.6	13	4	17		55	0
340	20	20	01	0	0	—	15.0	13	7	16	-2	67	0
270	16	10	02	2	4	cu	14.6	14	4	18	0	52	0
320	5		00	1	0	—	13.5	13	4	16	-2	55	dr
310	13	9	02	0	3	cu, sc	13.2	13	8	16	-2	72	0.4
320	2		01	1	3	cu	15.2	11	7	17	-3	77	0
00	0		01	0	1	sc, cu	14.0	11	7	17	-3	77	0
		20	02	0	0	—	15.1	8	6	17	-3	88	0
320	2	10	01	1	2	sc	14.9	11	4	18		63	0
00	0	10	02	0	0	—	15.9	11	7	18	-2	77	0
320	3	12	03	1	1	cu	15.3	11	6	17		71	0
300	4	15	02	0	1	sc, cu	14.9	12	6	18	-1	67	dr
										18	-2		
00	0	8	01	0	0	—	15.4	10	4	17	-2	67	dr
320	4	10	02	0	0	—	15.1	12	3	16	-2	55	0
00	0	20	01	0	0	—	14.8	12	5	19	-2	63	0
360	2	7	02	0	0	—	14.4	11	2	21	0	54	0
260	2	10	02	0	0	—	14.8	14	1	20	-1	42	0
270	3		00	0	0	—	14.0	14	8	23	0	67	0
270	5	12	02	0	0	—	13.6	15	5	24		52	0
360	4	12	02	0	0	—	16.0	13	1	20	0	44	0
00	0	10	02	0	0	—	15.4	13	2	20	0	48	0
00	0	12	02	0	0	—	16.5	14	0	20		39	0
00	0	6	02	0	0	—	14.7	18	-2	25	+3	26	0
10	1	9	02	0	0	—	12.3	16	1	24	+2	36	0
00	0	10	01	0	0	—	14.3	13	4	19	-1	55	0
310	12	10	02	0	0	—	12.2	16	10	21	+1	68	0
10	1	9	02	0	0		12.3	16	1	24	+1	36	0
160	4	20	01	2	3	ci	10.9	24	22	30		89	0
20	6	24	02	1	5	cs	11.3	23	-4	31		16	0
00	0	30	02	2	6	cs	10.6	23	1	33		20	0
										34			0
350	4	20	01	2	8	cs	9.7	23	2	35		26	0
20	9	20	01	2	1	ci	8.1	27	-1	34		16	0
20	5	20	01	0	0	—	7.5	26	-2	34		16	0
50	8	20	02	0	1	ci	7.8	23	-4	33		16	0
20	4	20	01	0	0	—	9.1	23	-4	34		16	0
00	0	50	02	0	0		7.7	26	-3	36		15	0
20	4	20	02	2	7	cs	6.8	25	9	36		36	0
360	1	20	02	0	0	—	5.9	29	11	37		33	0
00	0	20	04	1	4	ac	4.0	27	7	37		38	0

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḎAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

Retards — Date

At 0600 on SUNDAY 20th JANUARY 1957

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud * Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
310	12	18	02	2	5	cb	18.4	+0.7	9	0	8	-1	54	0	204	
320	20	16	02	2	7	sc	17.5		13	7	11		67	0	152	
250	9	16	21	6	5	cb	17.3	-1.0	8	5	7	-2	82	2	137	
340	6	10	00	0	5	cu	17.1		11	7	8		77	3	98	
350	14	20	03	6	6	cu, sc	16.2	-2.4	13	7	10	0	67	2	158	128
340	10	12	02	2	6	cu, sc	15.5	-2.4	13	5	12	+3	59	0.2	125	94
220	2		03	5	6	cu	15.1	-2.6	9	7	5	-3	88	dr	119	59
270	12	18	01	1	3	cu, sc	14.6		11	8	9		82	1		
200	2	10	01	6	3	cu	15.6	-3.0	10	8	7	-1	88	1	63	53
00	0		00	0	0	—	15.1	-2.9	7	5	6	-1	87	0	39	25
00	0	20	03	1	7	cu	16.1	-2.8	7	7	3	-3	97	0	33	20
320	2	10	01	1	2	cu	15.8	-3.0	10	9	7		94	0	26	
220	1	10	01	2	3	as	15.6	-3.3	8	3	6		71	0	27	13
250	5	10	03	0	4	sc	16.4		10	5	7		71	0	16	
210	8	12	02	0	2	sc	16.2	-2.8	9	4	8	-1	71	0	20	
									9	4	8	0	71	dr	19	12
200	3	8	03	—	3	sc, ac	16.3	-2.8	9	9	4	-1	97	dr	20	13
00	0	4	05	4	0	—	16.6	-2.9	8	3	6	-2	71	0	15	13
330	4	20	02	0	0	—	17.4	-1.8	6	3	5	-1	81	0	8	4
350	2	7	02	0	0	—	17.1	-3.3	5	1	3	-1	76	0	dr	
00	0	10	02	0	0	—	17.5	-2.6	8	0	6	0	58	0	dr	
00	0		01	0	1	as	17.0	-2.3	11	4	7	+2	63	0	1	
00	0	10	00	0	0	—	16.3	-2.6	11	7	5	-2	77	0	dr	
00	0	22	03	0	1	ac	15.7	-3.3	9	0	5	0	54	0	0	
00	0	12	03	2	7	ac	14.9	-4.0	12	6	10	0	67	0	0	
00	0	13	02	0	0	—	19.8	-0.2	5	2	4	0	81	0	21	6
00	0	20	02	0	0	—	18.6		6	2	3	-2	76	0	2	5
00	0	15	03	0	3		18.6		8	3	5		71	0	0	
00	0	13	03	0	4	ci	17.4	-2.9	11	1	5	0	47	0	1	
360	2	12	03	1	4	ac	15.4	-4.1	11	4	9	+3	63	0	3	
160	1	20	00	0	5	cu	15.2	-3.2	9	7	5	-4	88	0	19	10
																8
300	13	20	02	0	2	cu, ci	14.2	-3.7	12	6	9	-1	67	0	dr	
300	12	20	03	0	2	ci	14.1	-3.5	15	11	12	-2	77	0	0	4
300	1	20	03	0	6	sc	11.7		23	20	17		84	0		
00	0	20	02	2	7		11.8		12	-4	10		35	0		
00	0	24	01	1	2	ci	11.5		18	-8	12		17	0		
40	2	10	02	0	1	ci	10.7		18	0	11		30	0		
350	6	10	02	1	1	ci	10.4		20	-3	13		21	0		
50	7	20	02	0	0	—	11.3		20	-3	17		21	0		
00	0	20	02	0	0	—	9.6		12	9	17		50	0		
50	13	50	02	0	0	—	10.2		20	-3	13		21	0		
310	5	20	02	0	0	—	9.0		20	7	14		43	0		
360	5	50	02	0	0	—			20	-3	12		21	0		
320	5	35	03	0	1	ci	14.3		23	0	8		22	0		
80	3	30	02	0	0	—	14.5		13	8	12		72	0		
20	7	20	01	2	1	ci	9.5		23	-1	18		20	0		
00	0	20	02	0	0	—	9.3		20	9	15		49	0		
180	4	20	04	1	4	ac	8.8		28	12	23		37	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1		20-1	
TIME	14		14,30		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	17	310	19	360	6	330	19	330	11	340	13	320	13	330	12	320	2	360	14	360	14
600 m.	280	16	300	17	350	6	330	15	330	10	360	13	330	14	330	11	350	9	10	11	350	19
1000 m.	280	23	280	16	350	9	330	22	330	13	360	11	340	15	330	14	340	20	350	9	350	13
1500 m.	280	28	250	15	10	11	330	12	320	4	300	14	340	15	320	22	300	19	340	9		
2100 m.	280	25	270	17	350	16	310	13	320	24	290	9	360	16	330	16	310	30				
2400 m.	290	23	280	21			320	11	300	20			10	15	330	18						
3000 m.	290	28	290	21					310	43					320	28						
4000 m.															330	17						
5000 m.																						
6000 m.																						

STATION	Hurghada				Cairo (A)		Luxor		Aswan		Siwa		Dakhla		Kharga				Kharga		Hurghada	
DATE	20-1				21-1		21-1		21-1		21-1		21-1		21-1				21-1		21-1	
TIME	14				2		2		3		2		3		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	19			200	10	350	6	330	16	360	14	330	25	10	15			20	17	310	18
600 m.	310	17			220	5	320	16	350	23	360	16	350	31	20	22			360	15	310	19
1000 m.	300	17			230	15	330	13	360	31	340	15	360	43	360	22			350	15	300	17
1500 m.	300	29					360	21	340	20	330	24	10	37	360	23					330	15
2100 m.	300	29					90	8	260	14	330	19	360	35							320	25
2400 m.	290	35					70	9	270	28	330	15									310	27
3000 m.							170	12			310	17									310	35
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1	
TIME	9		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	10	80	9	250	10	320	13	320	13	350	18	360	14			320	18	330	2	340	14
600 m.	30	15	60	13	300	11	320	17	330	22	350	14	360	21	360	12	330	23	350	12	350	12
1000 m.	20	19	60	13	310	16	320	23	330	18	340	17	360	23	350	14	340	28	360	20	350	29
1500 m.	360	24			310	20	320	24	330	25	350	27	330	18	340	19	340	22	330	25	310	29
2100 m.							330	24	320	32	330	33	300	10	340	19	330	22	330	15		
2400 m.							310	19			340	28			330	16	330	26				
3000 m.											330	27			320	23	330	33				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																				
DATE	20-1																				
TIME	14,30																				
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	13																		
1000 mb.	138	13		330	21															
950 mb.																				
900 mb.																				
850 mb.	1477	2		250	15															
800 mb.																				
700 mb.	3003	-9		290	21															
600 mb.																				
500 mb.	5551	-18																		
400 mb.	7178	-32																		
300 mb.	9142	-45																		
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 21st JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. still below normal. Successive periods of clear & cloudy sky in the north; mainly clear in Upper Egypt. Chance for occasional showers in scattered places specially near the coast. Winds chiefly moderate NW.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of sunrise 04 51 U.T. / Sunset 15 23 U.T.)

All Times are Universal Time (U.T.) (Two hours earlier than local time)

At 1200 on 20th

Region	No.	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity
	62300	SALLOÛM	00	0	18	03	2	7	cu,Sc,ci	17.4	14	3	48
	[illegible]	SÎDI BARRÂNI	320	18	20	02	5	7	cu,Sc	17.2	15	7	59
	[illegible]	MATRÛH (A)	340	11	20	00	0	5	cu	16.6	15	7	59
	[illegible]	EL DAB'AA	290	17	15	02	2	5	Sc	15.6	15	5	52
	319	ALEXANDRIA	310	13	20	61	8	5	cb	14.8	13	7	67
	[illegible]	ALEXANDRIA (A)	280	16	12	01	8	6	cu,Sc	14.9	15	7	59
	[illegible]	DAMIETTA	320	5	20	01	6	3	cu	15.1	14	8	59
	[illegible]	PORT SAÏD (A)	310	22	20	01	8	4	cu,Sc	13.3	15	9	68
	336	EL ARISH											
	[illegible]	DAMANHÛR	290	5	10	03	6	3	cb	14.7	15	7	59
	[illegible]	MANSÛRA	360	5		02	1	5	cb	14.3	16	5	49
	[illegible]	TANTA	270	6	20	03	6	5	st	15.6	15	11	77
	360	SHEBÎN EL KÔM	320	5	20	65	6	2	Sc	15.[illegible]	14	8	67
	354	ZAGAZIG	220	1	20	03	1	7	cu	14.6	17	7	52
	441	ISMA'ILIA											
	366	CAIRO (A)	300	17	15	01	2	4	cu	14.5	15	3	45
	372	CAIRO ALMÂZA (A)	260	13	20	01	2	5	cu,Sc	14.4	16	3	42
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	11	8	03	1	6	cu	14.4	15	7	59
	378	HELWÂN	270	4	20	02	2	8	cb	14.8	14	3	48
	381	FAYOÛM	330	6	20	03	2	7	cu,Sc	15.0	16	3	39
	387	MINYA (A)	360	9	10	02	1	5	cu	15.7	18	-1	28
	[illegible]	ASYOÛT (A)	330	7	16	02	0	1	cu	15.5	17	2	37
	393	NAG' HAMÂDI	290	1		01	2	4	Ac,cs	14.7	20	3	33
	402	QENA	290	7	20	00	0	0	—	13.9	20	-1	24
	[illegible]	LUXOR (A)	320	10	22	01	0	1		13.1	20	3	33
	414	ASWÂN	360	12	15	01	2	6	As,ci	12.5	20	-2	23
	417	SÎWA	320	7	16	03	0	4	cu,ci	18.3	16	3	42
	420	BAHARÎYA	310	5	20	03	1	3	ci	16.1	16	3	42
	423	FARAFRA	50	4	20	02	0	3	ci	17.6	17	3	39
	432	DAKHLA	340	5	20	03	1	7	ci	16.4	19	1	30
	435	KHARGA	20	10	9	02	1	6	ci	13.5	20	-2	23
	[illegible]	SUEZ	310	2	50	01	0	3	cu	14.0	17	1	34
	459	TÔR											
	462	HURGHÂDA	350	22	20	02	0	1	cu	12.4	19	6	43
	465	QUSEIR	360	12	20	02	0	2	cs	11.8	19	9	52
	641	PORT SÚDÂN	310	10	20	01	2	4	Sc,ci	8.1	27	23	79
NORTH SUDAN	600	WÂDI HALFA	20	15	16	05	1	7	cs	10.2	26	4	25
NORTH SUDAN	640	ABU HAMAD	340	2	30	02	2	6	cs	6.5	33	-5	8
NORTH SUDAN	660	KAREIMA	340	1	21	02	0	2	ci	6.6	34	-5	8
NORTH SUDAN	680	'ATBARA	340	8	20	03	1	6	cs	5.4	35	-9	6
NORTH SUDAN	721	KHARTOÛM	20	3	20	02	0	0	—	5.6	34	-4	9
NORTH SUDAN	730	KASSALA	360	3	30	02	0	0	—	3.1	35	3	13
CENTRAL SUDAN	751	WÂD MEDANI	50	5	20	02	0	0	—	4.3	35	6	16
CENTRAL SUDAN	801	RENK	310	5	20	02	0	0	—	4.6	38	3	11
CENTRAL SUDAN	802	ROSEIRES	310	5	20	02	0	0	—	1.2	38		
CENTRAL SUDAN	771	EL OBEID	20	10	20	02	0	0		4.8	33	-9	6
CENTRAL SUDAN	760	EL FASHER	50	4	35	03	0	2	ci	6.1	33	-3	10
CENTRAL SUDAN	770	GENEINA	280	1	50	02	0	7		6.3	34	-9	6
S. SUDAN	840	MALAKÂL	50	7	20	02	0	1	cs	3.9	37	-9	5
S. SUDAN	880	WÂU	30	5	20	02	0	0	—	3.0	37	2	11
S. SUDAN	941	JUBA	50	1	30	04	0	2	Ac	3.1	36	6	15

At 1800 on 20th

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Max. Diff from normal	Relative Humidity	Rainfall Past 6 hrs mm
SALLOÛM	270	12	12	02	2	5	Sc	19.2	11	[illegible]	16	-3	[illegible]	0
SÎDI BARRÂNI	310	22	18	02	2	6	cu,Sc	18.4	[illegible]	7	16		[illegible]	0
MATRÛH (A)	310	17	14	02	6	3	cu,Sc	17.8	13	3	16	-2	[illegible]	0
EL DAB'AA	340	17		00	0	4	cu	16.8	11	5	15		[illegible]	0
ALEXANDRIA	310	20	20	01	8	0	—	[illegible]	13	4	16	-2	75	6
ALEXANDRIA (A)	340	16	12	01	9	3	cu	[illegible]	10	7	17	-1	52	[illegible]
DAMIETTA	320	3		03	6	6	cu,Sc	15.1	12	8	15	-3	[illegible]	[illegible]
PORT SAÏD (A)	270	18	14	02	8	3	cu	14.6	12	9	16	-2	82	[illegible]
EL ARISH														
DAMANHÛR	310	2	4	64	6	5	cu	15.8	10	5	16	-4	58	—
MANSÛRA	00	0		00	0	0	—	15.[illegible]	11	4	17		[illegible]	[illegible]
TANTA	310	10	20	61	6	8	st	16.7	9	7	18	-2	[illegible]	[illegible]
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	16.8	9	4	17		71	
ZAGAZIG	220	1	10	02	0	0	—	15.3	16	8	20	0	58	
ISMA'ILIA														
CAIRO (A)	270	9	12	25	6	7	Sc	16.5	10	7	16		82	1
CAIRO ALMÂZA (A)	250	5	16	02	5	6	cu,Sc	16.4	16	5	17	-2	88	1
CAIRO EZBEKÎYA											18	-2		
GIZA	50	3	8	80	8	5	cu	17.1	10	7	16	3	82	[illegible]
HELWÂN	340	8	10	02	5	0	—	16.7	11	4	15	-4	63	dr.
FAYOÛM	330	6	20	52	5	6	cb	16.7	12	7	17	-4	72	dr
MINYA (A)	340	3	7	02	1	0	—	17.0	10	1	19	-2	54	[illegible]
ASYOÛT (A)	00	0	10	02	0	0	—	17.0	12	0	17	-4	44	0
NAG' HAMÂDI	00	0		01	0	2	As	16.7	11	7	[illegible]2	+1	77	0
QENA	270	3		00	0	0	—	13.1	14	-1	20	-3	36	0
LUXOR (A)	260	2	12	02	0	0	—	15.1	13	3	21	-3	51	
ASWÂN	360	8	10	01	0	3	ci	15.0	17	-1	22	-1	30	0
SÎWA	280	7	14	01	1	0	—	19.3	11	2	18	-2	54	0
BAHARÎYA	290	2	10	02	0	0	—	18.1	12	1	17	-3	47	0
FARAFRA	350	3	12	01	1	3	ci	19.8	13	-2	18		36	0
DAKHLA	320	5	9	02	1	0	—	17.6	13	-3	19	-3	34	0
KHARGA	00	0	6	02	1	0	—	15.5	14	-2	20	-2	34	0
SUEZ	310	2	10	0.	0	0	—	15.2	12	5	18	-2	63	0
TÔR														
HURGHÂDA	300	17	12	02	0	0	—	14.6	14	4	19	-1	52	0
QUSEIR	310	10	20	01	0	1	Sc	13.9	16	5	20	-3	49	0
PORT SÚDÂN	00	0	24	01	1	8	Sc	11.1	25	23	28		89	0
WÂDI HALFA	10	3	18	01	2	3	ci	13.3	18	2	26		48	0
ABU HAMAD	340	5	24	01	2	0	—	9.2	25	-11	34		9	0
KAREIMA	320	1	21	01	1	0	—	9.7	24	-5	35		14	0
'ATBARA														
KHARTOÛM	10	4	18			0	—	7.6	27	2	35		20	0
KASSALA	350	1	20	02	0	0	—	1.7	23	6	37		34	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	20	5	20	02	0	0	—	7.9	22	1	33		25	0
EL FASHER	40	3	20	01	0	1	ci	8.3	23	-1	35		20	0
GENEINA	40	2	50	01	0	0	—	9.6	22	0	35		23	0
MALAKÂL	80	4	20	04	0	1	cs	6.1	26	0	37		18	0
WÂU														
JUBA	00	0	10	04	0	7	Ac,As	4.5	29	10	37		31	0

At 0600 on MONDAY 21st JANUARY, 1957

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Diff from normal mb	Temperatures °C Dry bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	00	0	16	01	2	5	cb	21.1	+2.4	8	0	8	-1	58	1	205	
SÎDI BARRÂNI	350	16	16	02	8	7	cb	20.1		12	8	8	-1	77	8	160	
MATRÛH (A)	340	19	16	01	2	6	cu,Sc	19.5	+1.3	12	5	7		63	3	140	
EL DAB'AA	360	11	16	00	0	6	cu	17.7		13	7	9		67	1	99	
ALEXANDRIA	40	10	20	08	8	5	cb	17.4	-1.2	12	5	9	-1	63	15	168	130
ALEXANDRIA (A)	00	0	12	02	8	7	cu,Sc	17.2	-0.7	10	8	10	+1	88	10	135	95
DAMIETTA	220	2		01	6	3	cu	16.7	-1.0	8	6	5	-3	88	12	131	60
PORT SAÏD (A)	250	5	12	02	1	4	cb	16.1	-1.9	11	9	8	-3	88	6		
EL ARISH																	
DAMANHÛR	260	2	10	03	6	3	cu	17.0	-1.4	9	7	6	-1	88	12	75	54
MANSÛRA	00	0		01	5	3	Sc,cu	16.6	-1.4	7	7	6	-1	97	dr	39	25
TANTA	00	0	20	02	0	0	—	17.6	-1.3	8	6	3	-3	88	9	42	20
SHEBÎN EL KÔM	320	2	10	01	1	1	cu	17.4	-1.4	8	6	7		88	2	28	
ZAGAZIG	220	1	10	02	0	0	—	16.9	-1.4	7	5	5	-1	87	0	27	14
ISMA'ILIA																	
CAIRO (A)	220	10	12	02	0	4	Sc	17.2		9	6	8		82	1	17	
CAIRO ALMÂZA (A)	210	7	20	03	0	4	Sc,cu	17.4	-1.6	8	6	7	-2	88	2	22	
CAIRO EZBEKÎYA										9	6	7	-1	82	3	22	13
GIZA	310	4	8	03	—	7	cu	18.4	-0.6	8	7	5	0	94	2	22	14
HELWÂN	00	0	4	05	2	7	Ac	18.3	-1.1	6	6	6	-2	97	dr	15	13
FAYOÛM	360	4	20	02	0	0	—	18.6	-0.6	7	4	5	-1	81	0	8	4
MINYA (A)	360	2	7	02	0	0	—	19.5	-0.[illegible]	6	3	2	-2	81	0	dr	
ASYOÛT (A)	00	0	12	02	0	0	—	19.6	-0.5	8	3	4	-2	71	0	dr	
NAG' HAMÂDI	00	0		01	0	1	As	18.7	-0.6	8	3	4	-1	71	0	1	
QENA	320	6	10	00	0	0	—	18.2	-0.7	9	3	4	-3	67	0	dr	
LUXOR (A)	200	6	22	02	0	0	—	18.3	-0.7	8	2	6	+1	66	0	0	
ASWÂN	00	0	15	01	0	1	ci	17.4	-1.5	12	2	6	-4	51	0	0	
SÎWA	300	6	16	02	0	1	ci	22.1	+1.5	6	[illegible]	4	0	66	0	21	6
BAHARÎYA	270	2	20	02	0	0	—	20.0	0.0	7	5	4	-1	87	0	2	5
FARAFRA	00	0	14	02	0	0	—	22.1		7	2	5		61	0	0	
DAKHLA	270	3	20	03	0	2	ci	21.5	+1.3	7	-5	5	0	43	0	1	
KHARGA	70	1	12	03	0	1	ci	17.9	-1.6	10	3	5	-1	62	0	3	
SUEZ	00	0	20	00	0	7	cu	16.3	-2.1	10	8	6	-3	88	0	19	10
TÔR																	9
HURGHÂDA	300	14	22	02	0	1	cu	16.2	-1.7	11	1	6	-4	51	0	dr	
QUSEIR	270	11	20	03	0	2	Sc,cu	15.5	-2.0	14	1	9	-5	42	0	0	4
PORT SÚDÂN	340	6	20	03	2	7	Sc	11.6		22	19	20		83	0		
WÂDI HALFA	30	10	20	03	1	5	cs	17.6		12	1	8		47	0		
ABU HAMAD	360	18	20	07	0	1	ci	13.5		15	-1	13		34	0		
KAREIMA	40	5	21	02	0	0	—	13.0		17	-3	15		26	0		
'ATBARA	350	9	26	02	0	1	ci	11.2		18	-1	15		28	0		
KHARTOÛM	10	7	26	02	0	0	—										
KASSALA	00	0	20	02	0	0	—	9.5		19	11	12		60	0		
WÂD MEDANI	50	5	20	02	0	0	—	10		19	-5	12		19	0		
RENK																	
ROSEIRES	230	2	20	02	0	0	—	9.9		20	4	13		35	0		
EL OBEID	20	8	20	02	0	2	ci	10.4		19		12			0		
EL FASHER	310	4	35	02	0	0	—	13.8		13	-5	8		29	0		
GENEINA																	
MALAKÂL	00	0	20	04	0	0	—				-2	10			0		
WÂU	00	0	20	02	0	0	—	8.7		19		17			0		
JUBA	130	2	20	04	1	2	Ac,ci	6.9		26	10	18		37	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga		Hurghada			
DATE	21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1		21-1			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	11	320	10	330	15	340	5	330	14	330	18	340	13	340	29	340	15	320	22		
600 m.	320	16	330	14	330	15	30	3	330	14	330	34	340	11	340	32	350	25	330	30		
1000 m.	320	16	330	17	330	18	30	4	340	7	330	31	330	8	30	31	350	16	310	27		
1500 m.	300	20	320	19	320	21	360	12	350	16	330	23	350	16			350	18	300	14		
2100 m.	290	17	330	30	310	28	340	8	340	14	330	33	330	20					320	14		
2400 m.	310	6	330	30	310	28			340	20			320	23					320	10		
3000 m.	300	16							320	19									320	23		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga				Dakhla		Kharga	
DATE	22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1				22-1		22-1	
TIME	2		2		2		2		2		2		3		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	11	360	17	330	16	270	3	330	14	10	10	330	16	350	27			360	5	350	9
600 m.	190	10	10	19	20	25	350	10	340	17	10	12	350	44	360	21			10	10	360	13
1000 m.			360	22	360	17	350	16	340	26	20	15	350	59	350	29			10	20	360	28
1500 m.			10	24	350	30	340	18	340	25	340	13			340	35					10	31
2100 m.			360	21			340	22	340	29	360	14										
2400 m.							350	14			350	16										
3000 m.											340	12										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Heloran		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1	
TIME	8		8		8		8		6	15	8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	10	360	4	10	18	340	9	320	9	360	12	300	9	320	12	20	13	350	18	10	9
600 m.	130	10	30	11	360	16	10	14	20	16	10	17	360	19	340	11	20	10	360	19	10	12
1000 m.	40	9	20	19	350	12	360	14	10	16	10	19	360	26	350	18	20	10	360	23	20	19
1500 m.	30	14	340	22	340	14	10	10	10	19	20	22			360	15	30	7	10	27	20	19
2100 m.	210	10	350	23	340	21	350	21	360	18					20	10	10	12	10	19	10	8
2400 m.	350	75			320	18	350	18							360	16	360	14	360	23	10	16
3000 m.					360	24									350	22	330	24	10	28		
4000 m.															340	27	320	35	10	23		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																				
DATE																				
TIME																				
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 22nd January, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. tending to rise, but still below normal. Winds chiefly mod. NW. Low clouds increasing occasionally over coasts where a chance for rain still exists. In Upper Egypt: Some low clouds in its north, clear sky in the south, with mod. N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 04 51 U.T. / Sunset 15 24 U.T.)

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 [*]	Cloud Forms	Bar Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	270	12	18	01	2	5	Sc	20.5	14	0	39
	303	SÎDI BARRÂNI	320	17	18	25	8	7	Cb	20.3	12	9	82
	306	MATRÛH (A)	340	16	16	02	2	7	cu, sc	19.0	14	5	55
	309	EL DAB'AA	360	8	10	00	8	7	Cb	18.0	10	10	97
	319	ALEXANDRIA	40	16	20	01	8	4	Cb	17.5	14	5	55
	318	ALEXANDRIA (A)	40	15	14	02	2	6	Cb	17.1	15	8	63
	330	DAMIETTA	160	2	4	50	5	3	cu, sc	17.4	12	7	67
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	20	02	6	3	cu	17.0	14	10	77
	342	MANSÛRA	20	5		03	1	5	Sc, cu	17.1	15	7	59
	348	ṬANṬA	360	8	20	03	6	5	cu	17.6	15	7	59
	360	SHEBÎN EL KÔM	320	5	20	60	6	3	Sc	16.8	14	8	61
	354	ZAGAZIG	00	0	20	02	1	6	cu	17.2	14	4	37
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	20	6	12	02	2	7	cu	16.0	15	6	55
	372	CAIRO ALMÂZA (A)	300	5	25	03	2	7	cu	16.0	16	6	52
	374	CAIRO EZBEKÎYA											
	375	GIZA	30	11	8	80	8	7	cu	16.8	14	8	67
	378	ḤELWÂN	00	0	20	02	2	8	Sc, cu	16.4	14	5	55
Upper Egypt	381	FAYOÛM	360	6	20	00	2	7	Cb	17.1	15	5	52
	387	MINYA (A)	320	11	9	02	1	4	cu	16.7	17	-2	28
	393	AṢYOÛT (A)	320	12	16	02	0	4	cu	17.4	16	2	39
	399	NAG' HAMÂDI	290	2		01	2	4	Ac, ci	16.7	17	4	42
	402	QENA	290	5	20	03	1	3	ci	15.8	17	4	42
	405	LUXOR (A)	320	14	20	02	0	0	—	15.6	17	2	37
	414	ASWÂN	340	17	16	02	0	1	ci	15.0	19	-7	17
Oases	417	SÎWA	360	10	16	03	1	4	cu	20.6	16	2	39
	420	BAḤARÎYA	320	8	20	03	2	6	Sc	18.4	16	4	45
	423	FARAFRA	360	5	20	03	0	3	Sc, cu	20.6	16	-1	32
	432	DAKHLA	340	11	24	02	0	0	—	19.5	16	-1	32
	435	KHARGA	340	8	20	02	1	0	—	16.2		-1	
Red Sea	450	SUEZ	310	7	20	01	0	6	cu	17.1	14	5	55
	459	TÔR											
	462	HURGHÂDA	340	23	22	01	0	3	cu, Sc	14.8	17	3	39
	465	QUSEIR	340	6	20	02	0	2	Sc, cu, cc	14.1	18	6	46
	641	PORT SÛDÂN	40	13	20	01	2	4	Sc, ci	10.1	27	19	62
North Sudan	600	WÂDI ḤALFA	360	20	20	01	0	0	—	15.3	19	2	32
	640	ABU ḤAMAD	360	9	20	02	0	1	ci	10.7	24	-3	17
	660	KAREIMA	40	8	20	07	0	1	ci	11.1	25	-3	16
	680	'AṬBARA	360	12	13	07	0	0	—	7.9	29	-3	23
	721	KHARṬOÛM	310	5	20	02	0	0	—	4.1	33	6	19
	730	KASSALA	360	5	20	02	0	0	—	4.1	34	7	19
Central Sudan	751	WÂD MEDANI	360	13	20	02	0	0	—	5.6	34	-10	5
	801	RENK	320	5	20	02	0	0	—	6.6	36	2	12
	802	ROSEIRES	310	5	20	02	0	0	—	2.2	36	-2	9
	771	EL OBEID	30	14	20	02	0	0	—	10.7	32	-10	6
	760	EL FASHER	50	10	40	02	0	0	—	6.3	32	-7	8
	770	GENEINA	40	7	30	04	0	0	—	6.0	33	-19	3
S. Sûdân	840	MALAKÂL	50	7	20	04	0	0	—	4.3	37	-5	7
	880	WÂU	60	6	20	02	0	0	—	2.5	37	1	11
	941	JUBA	50	5	20	04	0	5	Ac, ci	1.3	37	3	12

At 1800 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 [*]	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	270	12	16	03	2	7	Sc	22.9	12	0	15	-4	44	0
	303	SÎDI BARRÂNI	360	12	12	02	8	8	Cb	22.3	11	9	13		88	7
	306	MATRÛH (A)	350	16	14	01	2	6	Sc	21.5	12	4	15		59	0
	309	EL DAB'AA	20	9		02	2	5	cu	20.9	12	8	14		77	15
	319	ALEXANDRIA	130	6	20	03	8	7	cu, Sc	20.6	12	5	16	-2	63	5
	318	ALEXANDRIA (A)	170	3	12	01	8	5	cu, Sc	20.2	11	8	15	-3	82	1
	330	DAMIETTA	160	2		01	5	3	cu	19.2	10	8	13	-5	88	4
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	40	2	10	02	1	2	cu	19.8	10	8	16	-4	88	2
	342	MANSÛRA	20	3		03	6	8	Ns	19.8	11	7	16	-4	77	1
	348	ṬANṬA	40	3	20	02	2	8	cu	19.4	10	8	17	-3	88	0.4
	360	SHEBÎN EL KÔM	340	2	10	01	1	3	Sc	19.4	10	1	17		54	1
	354	ZAGAZIG	00	0	10	02	0	0	—	18.6	11	9	16	4	88	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)	60	5	12	02	6	6	Sc, cu	19.6	10	8	16		88	3
	372	CAIRO ALMÂZA (A)	20	10	12	01	6	4	cu, Sc	19.0	11	9	16	-4	88	3
	374	CAIRO EZBEKÎYA											17	-3		
	375	GIZA	50	8	8	01	8	4	Sc	19.4	11	8	16	3	82	2
	378	ḤELWÂN	340	5	10	02	6	6	Ac	19.0	10	8	15	-4	88	2
Upper Egypt	381	FAYOÛM	360	4	20	01	6	0	—	18.4	11	7	16	-5	77	dr
	387	MINYA (A)	350	5	7	01	6	0	—	18.6	16	2	18		58	dr
	393	AṢYOÛT (A)	260	4	10	02	0	1	cu	18.5	12	2	17	-4	51	0
	399	NAG' HAMÂDI	00	0		01	0	2	As	18.0	16	6	18	-3	76	0
	402	QENA	270	5		00	0	0	—	17.2	13	1	18	-5	44	0
	405	LUXOR (A)	300	5	12	02	0	0	—	16.9	13	3	18		51	0
	414	ASWÂN	270	2	10	02	0	0	—	16.8	14	-1	19	-4	36	0
Oases	417	SÎWA	20	10	14	03	1	3	Sc, cu	22.1	13	0	18	-2	41	0
	420	BAḤARÎYA	360	2	10	02	1	2	Sc	20.8	10	4	17	-3	67	0
	423	FARAFRA	00	0	12	02	0	0	—	22.2	10	0	16		50	0
	432	DAKHLA	350	3	8	01	0	0	—	21.0	12	-4	17	-5	33	0
	435	KHARGA	00	0	4	02	0	0	—	18.2	12	1	18	-4	47	0
Red Sea	450	SUEZ	00	0	10	01	0	0	—	17.9	12	8	15	-5	77	0
	459	TÔR														
	462	HURGHÂDA	320	23	10	13	0	2	Cb	16.4	14	5	17	-3	55	0
	465	QUSEIR	300	10	20	02	0	2	Sc, Cs	15.5	16	3	19	-4	42	0
	641	PORT SÛDÂN	340	[illegible]	20	03	2	5	Sc	[illegible]	23	20	28		84	0
North Sudan	600	WÂDI ḤALFA	350	10	20	02	0	0	—	17.8	14	0	20		39	0
	640	ABU ḤAMAD	360	3	24	02	0	0	—	14.5	17	-5	24		22	0
	660	KAREIMA	360	10	20	01	0	0	—	14.6	19	-3	26		23	0
	680	'AṬBARA	350	7	20	02	6	0	—	12.2	21	-3	30		20	0
	721	KHARṬOÛM	350	7	20	02	0	0	—	89	26	-2	33		16	0
	730	KASSALA	350	2	20	02	0	0	—	9.0	21	6	34		28	0
Central Sudan	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	30	8	30	02	0	0	—	8.3	33	-9	33		6	0
	760	EL FASHER	50	8	25	01	0	0	—	1.4	26	0	34		18	0
	770	GENEINA	30	8	50	01	0	0	—	1.4	26	-13	35		7	0
S. Sûdân	840	MALAKÂL	30	6	20	04	0	0	—	7.2	26	3	37		23	0
	880	WÂU	350	1	20	02	0	0	—	5.2	29	7	38		25	0
	941	JUBA	270	1	20	04	0	2	Ac, ci	4.4	28	11	40		35	0

At 0600 on TUESDAY 22nd JANUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 [*]	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	30	8	14	20	5	8	cu, sc, As	25.5	+7.8	12	0	8	-1	44	1	206	
	303	SÎDI BARRÂNI	20	11	16	02	2	7	Cb	24.5		12	7	9		72	9	169	
	306	MATRÛH (A)	350	16	13	01	2	6	cu, Sc	23.8	+5.6	12	4	11		59	0	140	
	309	EL DAB'AA	20	6	10	01	2	6	cu	23.9		12	5	9		63	17	116	
	319	ALEXANDRIA	00	0	20	01	8	6	Cb	23.3	+4.7	10	6	9	-1	76	11	179	132
	318	ALEXANDRIA (A)	240	2	6	80	8	6	cu, Sc	22.8	+4.9	8	8	7	-2	97	5	140	97
	330	DAMIETTA	200	2		03	6	5	cu	21.8	+4.2	10	6	6	-2	76	6	127	61
	333	PORT SA'ÎD (A)	340	16	8	02	2	6	Cb	21.7	+3.7	13	6	11	0	63	4		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	360	2	10	03	6	3	cu	22.7	+4.4	11	7	6	-1	77	2	77	55
	342	MANSÛRA	00	0		01	1	3	Sc, cu	22.2	+4.3	10	6	7	0	76	1	40	26
	348	ṬANṬA	00	0	20	03	2	5	cu	23.2	+4.4	9	7	4	-2	88	0.4	43	20
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	cu	22.6	+3.9	8	6	7		88	1	29	
	354	ZAGAZIG	220	1	10	02	0	0	—	22.0	+3.2	8	6	6	0	88	0	27	14
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	300	3	12	01	2	3	Sc	22.6		8	6	8		88	8	25	
	372	CAIRO ALMÂZA (A)	00	0	12	01	2	2	Sc, cu	22.4	+3.4	8	6	8	-3	88	3	25	
	374	CAIRO EZBEKÎYA										9	7	8	0	88	3	25	13
	375	GIZA	30	3	12	01	—	2	Sc	23.1	+4.2	8	7	7	+2	97	2	24	14
	378	ḤELWÂN	340	4	4	05	4	1	Ac	22.8	+3.4	8	6	7	-1	88	2	17	14
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—									8	4
	387	MINYA (A)	340	8	7	03	2	8	St	22.1	+1.7	6	2	3	-1	76	dr	dr	
	393	AṢYOÛT (A)	300	3	7	02	0	0	—	22.4	+2.3	6	3	5	-1	81	0	dr	
	399	NAG' HAMÂDI	00	0		02	0	2	As	21.4	+2.2	10	6	4	-1	76	0	1	
	402	QENA	290	5	10	00	0	0	—	20.3	+1.4	9	4	3	-4	71	0	dr	
	405	LUXOR (A)	190	8	22	02	0	0	—	19.9	+1.0	9	4	4		71	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	20.6	+1.7	10	3	6	-4	62	0	0	
Oases	417	SÎWA	300	5	16	02	0	0	—	25.1	+4.6	5	1	3	-1	76	0	21	6
	420	BAḤARÎYA	00	0	20	03	1	5	St	24.1	+4.1	8	5	6	+1	82	0	2	5
	423	FARAFRA	00	0	14	02	0	0	—	25.7		5	0	3		70	0	0	
	432	DAKHLA	290	4	18	03	0	2	cu	25.1	+4.9	6	-2	3	-2	57	0	1	
	435	KHARGA	350	3	12	03	0	1	cu	20.7	+1.3	10	5	6	0	71	0	3	
Red Sea	450	SUEZ	00	0	20	00	0	2	cu	22.0	+3.7	9	4	5	-4	71	0	19	10
	459	TÔR																	9
	462	HURGHÂDA	290	23	20	02	0	2	Cb	18.4	+0.5	11	4	8	-2	63	0	dr	
	465	QUSEIR	300	12	20	03	0	3	St	17.4	-0.1	13	1	10	-4	44	0	0	4
	641	PORT SÛDÂN	330	9	20	03	1	4	Sc	14.6		20	7	18		43	0		
North Sudan	600	WÂDI ḤALFA	350	5	20	02	0	0	—	21.8		7	1	5		66	0		
	640	ABU ḤAMAD	360	9	24	63	0	1	ci	18.7		11	-1	9		44	0		
	660	KAREIMA	20	8	21	03	0	1	ci	19.6		11	-3	9		38	0		
	680	'AṬBARA	350	21	5	07	0	0	—	16.9		13	-5			29	0		
	721	KHARṬOÛM	360	6	20	02	0	1		15.9		16	-3	12		28	0		
	730	KASSALA	360	14	20	01	0	0	—	14.1		17	-3			26	0		
Central Sudan	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER	20	12	10	06	0	3	Cs	16.2		13	1	11		44	0		
	770	GENEINA																	
S. Sûdân	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

RETARDS — DATE

[*] 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1		22-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	7	20	33	50	17	360	12	350	8	350	18	330	10	30	6	10	10	20	6	360	23
600 m.	10	4	10	40	10	20	360	12	360	10	350	23	330	4	70	5	360	11	10	6	10	25
1000 m.	40	9	210	9	360	21	350	23	360	16	350	20	350	14	50	9	10	10	30	9	10	26
1500 m.	50	15	360	20	350	21	350	22			330	13	310	10	50	10	20	15	10	17	130	20
2100 m.	30	7	350	14	360	21					330	33	320	25	60	13	360	16				
2400 m.	40	14	360	13	360	21					320	52	320	29	30	22	10	14				
3000 m.					10	31									360	30						
4000 m.					360	38																
5000 m.					360	48																
6000 m.					360	48																

STATION	Kharga		Hurghada				S. Barrani		Alex. (A)		Minya		Asyout		Luxor		Siwa				Hurghada	
DATE	22-1		22-1				23-1		23-1		23-1		23-1		23-1		23-1				23-1	
TIME	15		14				3		2		2		2		3		2				9	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	19	330	16			170	25	100	8	40	30	20	16	10	14	110	18			50	20
600 m.	10	14	320	14			110	21	60	13	30	36	30	31	10	20	110	19			30	21
1000 m.	360	29	320	20			130	20	50	13	30	27	30	31	10	21	110	12			30	17
1500 m.			310	19			160	21	40	12	10	22	350	20	20	33	100	10			340	6
2100 m.			320	19			150	25					350	23	20	24	90	10			350	9
2400 m.			320	22									340	29	20	26	70	10			30	25
3000 m.			330	25													30	10			20	31
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga	
DATE	23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	12	150	22	100	14	60	10	40	10	30	9	20	18	330	4	120	21	50	10	20	10
600 m.	130	20	140	23	90	20	60	14	40	9	40	10	40	16	330	6	120	24	50	17	30	11
1000 m.	140	25	130	23	80	23	60	22	40	24	40	17	60	17	320	5	130	23	50	26	30	18
1500 m.	190	22	120	17	90	17	40	25	40	20	30	18	50	26	300	7	130	22	40	26	30	28
2100 m.			140	24			20	38	40	17	40	26	50	30	340	17					40	40
2400 m.			150	28									50	37	240	3						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	22-1																			
TIME	14																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	13																		
1000 mb.	186	12		70	14															
950 mb.																				
900 mb.																				
850 mb.	1519	0		350	21															
800 mb.																				
700 mb.	3043	-10		10	31															
600 mb.																				
500 mb.	5574	-24		360	39															
400 mb.	7170	-34		350	63															
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 23rd JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. still rising. Weather improving all over the Republic. Clear sky by day. Generally mild but still cold by night. Mod. winds; NE ly in Delta and Upper Egypt; E ly in western desert.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 24 49 U.T. / " " Sunset 15 24 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 22nd												At 1800 on 22nd												At 0600 on WEDNESDAY 23rd JANUARY 1957														
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M. S. L.	TEMPERATURES °C.		RELATIVE HUMIDITY %	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE M. S. L.	TEMPERATURES °C.				RELATIVE HUMIDITY %	RAIN PAST 12 hrs.	AREA	INDEX NUMBER	STATION	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE		TEMPERATURES °C.				RELATIVE HUMIDITY %	RAINFALL mms.		
DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	mb.	Dry Bulb	Dew Point		DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal		mms.				DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	M. S. L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal		Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
00	0	18	01	2	6	Sc, Ac	28.0	16	5	49	00	0	12	01	2	4	Cu, Sc	24.4	12	3	17	-2	55	0	MEDITERRANEAN	62300	SALLOUM	00	0	18	02	2	5	Sc, Ac	24.1	+6.4	9	1	9	0	58	0	20.6	
20	13	20	02	2	7	Sc	23.6	15	11	77	20	9	18	01	2	3	Sc	24.3	12	9			82	0		303	SIDI BARRANI	170	11	18	03	1	6	Ci	23.9		7	4	5		81	0	16.9	
10	8	16	02	2	4	Sc	23.7	16	2	39	240	4	10	01	0	0	—	24.5	9	5	17		76	0		306	MATRUH (A)	170	3	16	02	2	7	Ac, cs	25.0	+6.9	8	3	4		71	0	14.0	
20	8	20	00	1	3	Ci	23.0	15	4	48	20	2		00	0	4	Ac	23.6	11	7	15		77	0		309	EL DAB'AA	130	5	10	00	0	5	cs				6	8			0	11.6	
40	14	20	01	6	3	Cu	23.0	15	4	48	40	8	20	02	0	3	Cu, Sc	23.9	13	7	16	-2	67	0.2		319	ALEXANDRIA	130	3	4	01	4	2	ch	26.4	+7.9	12	5	11	+1	63	0.2	17.9	13.3
30	15	14	01	2	4	Cu, Sc	22.4	15	6	55	40	6	12	03	0	4	Cu	23.7	10	5	16	-2	71	0		318	ALEXANDRIA (A)	00	0	50	10	0	5	Cu	26.2	+8.3	8	8	5	-4	97	0	14.0	9.8
140	5	20	01	5	2	Cu	21.4	14	5	45	140	2		00	0	0	—	22.4	13	4	14		55	dr		330	DAMIETTA	40	2		03	1	5	Cu	26.3	+8.4	13	4	8	0	55	dr	13.7	6.2
80	15	20	02	8	6	ch	21.3	13	8	72	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		333	PORT SA'ID (A)	120	13	14	02	1	3	Cu, Sc	26.6	+8.6	13	5	9	-2	59	1		
																										336	EL 'ARISH																	
40	2	10	02	6	3	Cu	21.9	15	7	59	40	2	10	01	0	2	Cu	23.0	10	6	17	-3	76	dr	LOWER EGYPT	339	DAMANHUR	330	2	20	03	0	1	Cu	26.7	+8.4	8	6	5	-2	88	0.2	7.7	5.6
40	5		01	6	4	Ch	22.2	16	5	49	00	0		01	1	3	Ch	23.3	10	6	17	-3	76	2		342	MANSURA	00	0		03	1	7	Ac	26.4	+8.5	9	7	6	-1	88	2	4.2	2.6
310	7	20	01	1	4	Cu	22.0	13	4	40	20	3	20	02	0	0	—	22.7	9	4	18	-2	71	0		348	TANTA	00	0	20	03	2	6	Cu	26.4	+7.7	6	4	1	-5	87	0	4.3	2.0
30	5	20	01	1	2	Cu	21.2	15	4	48	340	2	10	01	1	2	Sc	22.1	10	6	16		76	0		360	SHEBIN EL KOM															2.9	
40	1	20	03	1	5	Cu	21.2	16	8	59	00	0	10	02	0	0	—	22.6	11	9	16	-4	88	0		354	ZAGAZIG	00	0	10	01	6	0	—	26.6	+7.8	6	4	5	-1	87	1	2.8	1.4
																										441	ISMA'ILIA																	
350	10	12	02	1	6	Cu	21.5	13	6	63	130	5	12	02	0	0	—	23.0	9	5	14		76	0	CAIRO AREA	366	CAIRO (A)	00	0	6	05	1	3	Sc	26.5		8	6	6		88	0	2.5	
330	10	25	20	6	6	Cu, Sc	21.2	12	5	63	50	12	15	02	0	0	—	22.7	10	5	15	-5	71	dr		372	CAIRO ALMAZA (A)	00	0	8	01	2	4	Sc, Cu	26.7	+7.7	8	5	6	-3	82	dr	2.5	
																					15	-5				374	CAIRO EZBEKIYA										9	5	6	-2	76	1	2.6	1.3
80	10	10	05	5	7	Cu	21.3	13	4	55	240	2	8	01	8	0	—	23.1	9	6	15	-4	82	dr		375	GIZA	20	2	8	01	—	3	Sc	26.8	+8.0	7	6	3	-2	94	dr	2.4	1.4
320	8	10	02	2	8	Ch	21.0	14	-1	36	20	12	10	02	1	0	—	22.6	10	3	14	-5	62	0		378	HELWAN	00	0	10	02	0	1	Cu	26.8	+7.5	7	2	5	-3	71	0	1.7	1.4
360	6	20	03	2	6	Cu, Sc	21.2	16	3	42	260	4	20	01	0	0	—	22.4	11	4	16	-5	63	0	UPPER EGYPT	381	FAYOUM	360	14	20	02	0	0	—	24.3	+5.2	10	5	3	-3	71	0	8	4
10	12	8	02	1	4	Sc	20.9	16	2	39	350	4	8	02	0	0	—	21.7	8	-1	17	-4	54	0		387	MINYA (A)	340	13	8	02	0	0	—	24.1	+3.7	9	1	2	-2	58	0	dr	
260	11	15	03	0	4	Cu	20.4	15	8	36	300	3	10	01	0	0	—	22.1	9	3	16	-5	67	0		393	ASYOUT (A)	00	0	16	02	0	0	—	24.4	+4.4	8	1	6	0	62	0	dr	
290	2		01	2	5	Cu, Ac	17.9	18	3	37	00	0		02	0	2	Ac	19.9	11	4	19	-2	63	0		399	NAG' HAMADI	290	2		01	2	5	Cu, Ac	23.2	+4.1	13	-3	3	-2	34	0	1	
290	4	20	03	1	2	Cc	17.1	18	3	37	290	3		00	0	0	—	19.1	13	1	20	-3	44	0		402	QENA																dr	
350	10	22	02	0	1	Cu	17.3	18	2	34	320	8	12	02	0	0	—	18.6	12	3	20		55	0		405	LUXOR (A)																0	
350	15	15	02	0	0	—	16.9	18	0	30	00	0	12	02	0	0	—	18.5	14	0	19	-5	39	0		414	ASWAN			12	02	0	0	—	22.2	+3.4	9	0			54	0	0	
30	8	16	02	1	4	Cu	23.8	17	-2	28	60	4	14	01	1	0	—	23.7	12	0	18	-2	44	0	OASES	417	SIWA	120	8	15	01	1	3	As, Ci	24.1	+3.6	7	1	6	+2	66	0	2.1	6
20	5	20	02	2	7	St	21.9	16	3	42	20	4	10	02	1	0	—	22.6	12	4	17	-3	59	0		420	BAHARIYA	40	2	10	02	0	2	Ac	26.1	+6.2	4	2	1	-4	87	0	2	5
10	3	20	03	0	2	Sc, Cu	23.7	16	0	34	360	3	12	00	1	0	—	24.5	12	-1	16		41	0		428	FARAFRA	00	0	14	02	0	3	Ci	27.3		6	0	3		66	0	0	
350	5	12	03	0	3	Cu	21.4	16	3	42	290	4	9	02	0	0	—	23.0	11	1	16	-6	51	0		432	DAKHLA	250	2	17	03	0	3	Ci	27.0	+6.9	6	-2	3	-2	57	0	1	
350	6	15	01	0	1	Cu	18.8	17	2	37	350	1	6	02	0	0	—	19.8	12	0	18	-5	44	0		435	KHARGA	00	0	12	03	0	1	Ci	23.0	+3.6	8	3	5	-1	71	0	3	
60	10	50	03	0	5	Sc, Cu	20.8	15	4	48	360	10	10	03	6	7	Ac	22.4	11	7	16	-4	77	2	RED SEA	450	SUEZ	00	0	20	00	0	2	Cu	28.2	+9.9	7	5	3	-6	87	2	2.1	10.9
																										459	TOR																	
350	19	22	02	0	3	Sc, Cu	17.9	17	4	42	310	21	12	13	0	2	Ch	18.2	12	4	17	-3	59	0		462	HURGHADA	300	22	22	02	0	2	Ns	23.1	+5.2	11	0	7	-2	47	0	dr	
340	18	20	02	0	3	Sc	16.8	18	4	46	310	17	20	01	0	0	—	17.2	14	3	19	-4	48	0		465	QUSEIR	340	18	20	03	0	5	Sc	21.5	+4.1	15	9	11	-3	68	0	0	4
40	10	20	01	0	1	Sc	10.9	24	11	44	330	7	20	02	0	1	Sc	14.6	19	7	25		46	0		641	PORT SUDAN	330	5	20	03	0	1	Sc	16.9		18	1	13		32	0		
360	10	20	02	0	0	—	17.7	18	4	40	340	12	20	02	0	0	—	20.0	14	3	19		48	0	NORTH SUDAN	600	WADI HALFA	340	5	20	03	0	1	Ci	23.7		7	2	5		71	0		
											360	9	22	02	0	0	—	16.4	14	-3	20		32	0		640	ABU HAMAD	360	5	24	02	0	0	—	20.6		10	-1	8		47	0		
20	11	18	02	0	0	—	15.8	20	-1	18	360	12	20	02	0	0	—	17.5	16	-3	21		28	0		660	KAREIMA	50	4	21	02	0	0	—	21.4		10	0	9		50	0		
10	16	7	02	0	0	—	16.0	20	-1	9	350	6	20	02	0	0	—	15.8	16	-1	23		32	0		680	ATBARA																	
360	15	20	02	0	0	—	13.8	20	-6	14	360	8	20	02	0	0	—	14.8	19	-2	25		47	0		721	KHARTOUM	50	2	20	02	0	0	—			13	1	13		44	0		
310	13	20	02	2	6	Cs	10.8	26	2	21	320	4	20	02	0	0	—	12.2	19	-5	29		49	0		730	KASSALA	360	2	20	02	0	0	—	17.4		12	2	12		38	0		
360	9	20	02	0	0	—	11.4	27	-10	8											28				CENTRAL SUDAN	751	WAD MEDANI	360	9	20	02	0	0	—	19.3		13	-5	5		29	0		
310	9	20	02	0	0	—	10.5	30	6	41											31					801	RENK	360	9	20	02	0	0	—	18.4		16	-3	12		28	0		
																					33			0		802	ROSEIRES	50	5	20	02	0	1	Ci	15.5		22	-3	11		19	0		
20	18	20	02	0	0		11.1	27	-7	10	360	14	20	03	0	1	Ci	12.5	19	-5	26		49	0		771	EL OBEID	20	13	20	02	0	0		18.7		13	7	9		24	0		
50	11	14	06	2	7	Cs	10.3	27	6	27	50	10	21	02	2	7	Cs	13.1	22	4	29		31	0		760	EL FASHER	10	4	20	01	2	4	As	19.9		10	-1	8		47	0		
10	21	20	06	2	7	Cs	10.1	29	-11	7	50	7	30	01	2	1	Ci	12.5	21	-6	31		16	0		770	GEINEINA	60	10	30	02	2	6	Cs	18.6		13	-8	11		22	0		
20	17	14	01	0	0	—	7.1	21	-5	9	20	11	20	04	0	0	—	9.4	23	-3	34		18	0	S. SUDAN	840	MALAKAL	50	14	20	03	2	7	Cs	15.4		18	-9	14		15	0		
[illegible]	[illegible]						8.6	[illegible]	[illegible]	[illegible]	00	0	20	01	2	4	Cs	8.1	27	9	36		33	0		880	WAU	360	5	20	02	0	0	—	13.5		18	1	15		32	0		
50	5	20	03	1	2	As, Ci	3.7	37	3	12	30	1	20	04	0	0	—	6.9	27	2	38		20	0		941	JUBA	00	0	20	04	0	4	Ac, Ci	12.4		23	3	15		27	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Bahariya		Minya		Asyout		Luxor		Aswan		Siwa	
DATE	23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1		23-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	8	170	10	130	15	120	17	90	15	100	10	40	15	140	2	190	5	300	6	140	13
600 m.	160	10	160	8	130	14	120	14	80	19	90	10	40	21	80	4	180	7	290	10	140	12
1000 m.	160	17	150	10	110	12	110	14	70	19	70	8	50	13	70	10	210	7	60	4	150	14
1500 m.	180	17	150	22	130	18			80	24	60	12	70	15	50	12	200	10	110	2	140	18
2100 m.	140	50	150	17	130	24			70	32	70	11	70	26	60	24	240	14			140	16
2400 m.	160	33	160	21	130	20			70	43	90	18			50	26	230	15				
3000 m.			160	23	120	18					80	22					200	23				
4000 m.					150	10					60	23					210	50				
5000 m.																						
6000 m.																						

STATION	Farafra		Dakhla		Kharga		Hurghada				S. Barrani		Alex (A)		Minya		Luxor		Aswan		Hurghada	
DATE	23-1		23-1		23-1		23-1				24-1		24-1		24-1		24-1		24-1		24-1	
TIME	14		14		14		14				3		2		2		2		2		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	6	20	6	30	7	40	7			180	16	100	20	160	22	20	8	10	12	90	15
600 m.	180	5	40	9	30	10	50	14			120	24	100	23	170	19	70	19	50	20	100	12
1000 m.	80	8	40	10	40	9	30	11			130	21	100	23	150	8	70	26	60	22	110	9
1500 m.	80	12	60	14	30	17	30	16			120	26					50	21	50	17	90	13
2100 m.	60	19					20	28									60	12	60	18	80	19
2400 m.	40	13					20	24									60	12	60	17	70	11
3000 m.	10	10					10	43									60	19			360	12
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Kharga	
DATE	24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1	
TIME	8		8		8		8, 15		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	11	180	22	210	7	160	11	150	10	80	4	60	15	170	25	190	10	160	13	130	8
600 m.	220	39	190	25	200	12	140	22	150	23	200	3	80	18	190	23	190	16	170	15	110	19
1000 m.	220	52	170	23	200	23	200	9	140	13	310	9	80	23	210	17	190	18	180	13	100	13
1500 m.	220	3	170	19	180	18	140	6	120	8	180	3	70	18	240	25	180	27	200	11		
2100 m.			180	21	80	14					90	14	40	12	240	17	180	23	260	10		
2400 m.			190	25							90	31	40	11	230	24	150	20	260	10		
3000 m.											100	18					170	16	280	13		
4000 m.											120	37							240	8		
5000 m.											110	31										
6000 m.											130	30										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						23-1														
TIME						14														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	15													
1000 mb.						213	13		130	15										
950 mb.																				
900 mb.																				
850 mb.						1561	8		130	18										
800 mb.																				
700 mb.						3150	3		120	16										
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 24th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. still gradually rising slightly but still little below normal. Clear sky by day, cold by night. Some medium and high clouds during day. Winds: mod. SW on west coast; light NE elsewhere.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T.
" " Sunset 15 25 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 23rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	180	12	18	01	2	6	cu, ac, ci	22.9	17	6	49
	303	SÎDI BARRÂNI	170	16	20	02	2	6	Ac	23.0	16	9	64
	306	MATRUḤ (A)	130	16	16	02	2	6	Ac, ci	24.3	16	5	49
	309	EL DAB'AA	160	6	18	00	0	4	ci	24.6	16	3	42
	319	ALEXANDRIA	90	10	20	03	0	6	cu, Sc	25.1	15	7	59
	318	ALEXANDRIA (A)	90	12	12	02	2	7	cu, ci	25.0	16	8	59
	330	DAMIETTA	140	5	20	00	0	0	—	25.6	13	4	55
	333	PORT SA'ID (A)	110	7	22	02	0	0	—	26.1	14	4	52
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	2	20	01	1	4	ci	24.6	16	5	49
	342	MANŞÛRA	60	7		01	1	3	cu	25.4	17	1	34
	348	ṬANṬA	90	15	20	01	1	4	cu	24.3	15	4	48
	360	SHEBÎN EL KÔM	110	5	20	01	1	1	ci	24.4	15	1	39
	354	ZAGAZIG	90	1	20	02	0	0	—	25.9	15	7	59
	441	ISMA'ILÍA											
CAIRO AREA	366	CAIRO (A)	110	25	16	02	0	3	ci	24.2	14	-7	23
	372	CAIRO ALMÂZA (A)	50	24	25	01	1	4	ci	24.1	15	-9	18
	374	CAIRO EZBEKÎYA											
	375	GIZA	120	4	12	03	0	5	ce	24.4	15	-1	34
	378	ḤELWÂN	70	14	50	02	1	4	ci	24.0	15	-3	30
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	23.6	16	3	42
	387	MINYA (A)	40	12	12	02	0	0	—	22.4	18	-4	22
	393	AṢYOÛṬ (A)	40	4	14	02	0	0	—	21.7	18	-4	22
	399	NAG' ḤAMÂDI	290	1		01	2	4	Ac, cs	21.1	19	1	30
	402	QENA	360	2	20	00	0	0	—	20.7	18	-1	28
	405	LUXÛR (A)	270	4	22	02	0	0	—	20.4	17	0	32
	414	ASWÂN	180	2	18	02	0	0	—	18.8	18	-1	28
OASES	417	SÎWA	160	20	16	02	1	1	ci	22.5	17	0	32
	420	BAḤARÎYA											
	423	FARAFRA	30	3	24	02	0	0	—	22.7	16	-1	32
	432	DAKHLA	10	6	14	02	0	0	—	21.4	16	0	34
	435	KHARGA											
RED SEA	450	SUEZ	90	7	50	01	0	1	cu	26.0	15	-8	20
	459	TÔR											
	462	HURGHÂDA	40	13	22	01	0	0	—	22.5	16	-4	26
	465	QUSEIR	330	17	20	02	2	5	Sc, cu, ac	21.9	15	4	48
	641	PORT SÛDÂN	50	13	20	02	0	1	Sc	15.5	23	6	34
NORTH SUDAN	600	WÂDI ḤALFA	20	13	20	02	0	1	ci	19.9	18	2	34
	640	ABU ḤAMAD	360	9	24	02	0	0	—	17.1	20	-8	15
	660	KAREIMA	20	5	21	02	0	0	—	17.2	20	-5	18
	680	ÁṬBARA	10	27	10	07	0	0	—	14.6	22	-8	13
	721	KHARṬOÛM	360	10	20	02	0	0	—	14.9	23	-9	11
	780	KASSALA	340	3	20	02	0	0	—	11.7	25	1	21
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	13.6	24	-7	13
	801	RENK	340	9	20	02	0	0	—	13.1	26	2	21
	802	ROSEIRES	310	15	20	02	0	4	ci	11.6	27	-6	17
	771	EL OBEID	40	15	20	02	0	0	—	12.6	23	-7	13
	760	EL FASHER	20	8	20	02	1	3	cs	16.4	26	6	28
	770	GENEINA											
S. SUDAN	840	MALAKÂL	30	14	16	04	2	3	ci	10.0	29	-7	9
	880	WÂU	40	7	20	02	0	0	—	8.8	32	0	13
	941	JUBA	340	5	20	04	1	2	Ac, ci	7.3	33	-5	8

At 1800 on 23rd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	120	12	12	01	0	2	Sc	22.0	14	5	18	-1	55	0
SÎDI BARRÂNI	150	11	16	01	2	4	Ac	23.1	10	8			88	0
MATRUḤ (A)	130	9	14	01	2	2	Ac	24.9	11	5	16		67	0
EL DAB'AA	160	2		00	0	4	ci	25.8	10	8	17		88	0
ALEXANDRIA	90	11	20	01	1	0	—	27.2	11	1	18	0	51	0
ALEXANDRIA (A)	100	11	12	01	2	0		26.6	8	5	17	-1	82	0
DAMIETTA	140	2		02	0	0	—	27.0	10	6	14	-4	76	0
PORT SA'ID (A)	100	9	16	01	1	3	ci	27.2	11	2	15	-3	54	0
EL 'ARISH														
DAMANHÛR	90	2	10	02	0	0	—	26.0	10	4	16	-4	67	0
MANŞÛRA	00	0		00	0	0	—	26.8	9	2	17	-3	62	0
ṬANṬA	90	2	20	02	0	0	—	25.8	7	2	16	-4	71	0
SHEBÎN EL KÔM	40	2	10	01	1	2	Sc	25.7	9	2	16		62	0
ZAGAZIG	220	1	10	02	0	0	—	26.6	9	4	15	-5	71	0
ISMA'ILÍA														
CAIRO (A)	40	7	12	01	1	3	ci	26.2	10	-5	15		35	0
CAIRO ALMÂZA (A)	40	8	12	02	0	0	—	25.8	10	-12	16	-4	20	0
CAIRO EZBEKÎYA											16	-4		
GIZA	110	6	10	01	1	2	ci	26.7	11	-7	17	-2	28	0
ḤELWÂN	70	9	10	02	1	1	ci	25.8	10	-13	15	-4	18	0
FAYOÛM	360	4	20	02	0	0	—	24.7	9	-4	16	-5	40	0
MINYA (A)	70	13	8	02	0	0	—	23.4	10	-12	18	-3	20	0
AṢYOÛṬ (A)	00	0	10	02	0	0	—	23.6	11	-6	19	-2	30	0
NAG' ḤAMÂDI	00	0		02	0	2	Ac	23.1	10	3	20	-1	62	0
QENA	90	2		00	0	0	—	23.4	11	1	20	-3	51	0
LUXÛR (A)	30	8	12	02	0	0	—	23.3	13	-4	20		31	0
ASWÂN	350	6	10	02	0	0	—	22.4	15	-4	20	-4	27	0
SÎWA	130	7	14	01	0	0	—	22.7	10	-1	17	-3	47	0
BAḤARÎYA	00	0	10	02	0	0	—	24.4	11	2	17	-3	54	0
FARAFRA	00	0	12	02	0	0	—	25.8	14	-2	17		41	0
DAKHLA	80	2	9	02	0	0	—	23.5	11	-2	17	-5	41	0
KHARGA	00	0	6	02	0	0	—	22.6	9	-1	17	-6	50	0
SUEZ	00	0	10	01	0	0	—	26.4	10	-4	16	-4	38	0
TÔR														
HURGHÂDA	60	12	10	02	0	0	—	24.0	14	-2	16	-4	34	0
QUSEIR	310	15	20	01	1	3	Sc	23.5	15	1	16	-7	39	0
PORT SÛDÂN											23			0
WÂDI ḤALFA	20	7	20	02	0	0	—	21.5	13	1	19		44	0
ABU ḤAMAD	360	5	24	02	0	0	—	19.3	13	-7			24	0
KAREIMA	10	3	21	02	0	0	—	19.0	16	-6	21		22	0
ÁṬBARA	350	6	20	02	0	0	—	17.2	16	-8	23		28	0
KHARṬOÛM	340	9	20	02	0	0	—	17.2	19	-4	24		21	0
KASSALA	350	2	20	02	0	0		15.1	16	2	26		39	0
WÂD MEDANI											25			
RENK														
ROSEIRES											28			
EL OBEID											23			0
EL FASHER	90	7	20	02	2	7	cs	19.2	21	4	28		33	0
GENEINA											31			0
MALAKÂL											30			0
WÂU	10	1	20	02	0	0	—	10.1	24	7	31		34	0
JUBA	00	0	20	04	0	1	ci	10.3	22	4	34		31	0

At 0600 on THURSDAY 24th JANUARY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st mms.	Rainfall Normal From Oct. 1st mms.
SALLOÛM	160	10	16	01	2	6	Sc, Ac	21.3	+3.7	9	-1	9	0	50	0	206	
SÎDI BARRÂNI	150	16	15	02	1	7	Ac	21.5		8	2	6		66	0	169	
MATRUḤ (A)	170	14	13	03	2	6	Sc, cu	23.4	+5.3	7	-3	6		49	0	140	
EL DAB'AA	160	6	16	00	0	6	Ac	24.6		6	1	3		71	0	116	
ALEXANDRIA	130	16	20	03	0	2	ci	25.5	+7.0	6	-2	5	-5	57	0	179	124
ALEXANDRIA (A)	140	5	12	02	0	4	Ac	25.1	+7.2	4	0	3	-6	75	0	140	99
DAMIETTA	140	5	10	00	0	0	—	26.1	+8.7	10	2	6	2	58	0	137	63
PORT SA'ID (A)	120	11	18	02	0	1	Sc	27.1	+9.1	9	1	5	-6	58	0		
EL 'ARISH																	
DAMANHÛR	40	2	10	01	0	2	ci	25.8	+7.6	6	-2	1	-6	57	0	77	57
MANŞÛRA	00	0		00	0	0	—	26.7	+8.9	2	-3	2	-5	65	0	42	27
ṬANṬA	130	6	20	01	1	2		25.9	+7.3	4	-2	0	-6	65	0	43	21
SHEBÎN EL KÔM	110	2	10	01	1	1	cu	25.4	+6.8	5	0	2		70	0	29	
ZAGAZIG	140	2	10	02	0	0	—	26.8	+8.0	4	1	3	-3	81	0	28	14
ISMA'ILÍA																	
CAIRO (A)	00	0	12	02	0	1	ci	26.2		7	-2	4		53	0	25	
CAIRO ALMÂZA (A)	250	2	12	02	0	2	Sc	26.0	+7.0	8	-6	4	-5	37	0	25	
CAIRO EZBEKÎYA										6	-1	3	-5	61	0	26	13
GIZA	00	0	6	02		2	ci	26.3	+7.6	4	-1	-2	-7	70	0	24	14
ḤELWÂN	70	4	10	02	1	1	ci	26.0	+6.7	9	-11	4	-4	23	0	17	14
FAYOÛM	360	4	20	02	1	3	St	27.2	+8.1	4	-4	1	-5	56	0	8	4
MINYA (A)	190	4	8	02	0	0	—	25.9	+5.5	4	-4	0	4	56	0	dr	
AṢYOÛṬ (A)	00	0	10	02	0	0	—	27.3	+7.3	5	-1	4	-2	65	0	dr	
NAG' ḤAMÂDI	00	0		02	0	3	Ac, ci	26.8	+7.8	11	-1	3	-2	44	0	1	
QENA	40	2	10	00	0	0	—	26.8	+8.0	9	-2	3	-4	47	0	dr	
LUXÛR (A)	00	0	22	02	0	0	—	27.1	+8.3	7	-2	1		53	0	0	
ASWÂN	00	0	12	02	0	0	—	29.0	+10.2	9	0	4	-6	54	0	0	
SÎWA	120	7	16	01	1	2	Sc	21.6	+1.1	7	0	6	+2	62	0	21	6
BAḤARÎYA	00	0	20	02	2	5	Ac, As	25.4	+5.6	5	-4	1	-4	53	0	2	5
FARAFRA	00	0	14	03	1	7	Ac	26.4		2	-7	0		51	0	0	
DAKHLA	120	1	15	02	0	0	—	27.0	+6.9	2	-4	3	-2	64	0	1	
KHARGA	00	0	10	02	0	0		24.7	+5.3	5	-1	1	-5	65	0	3	
SUEZ	00	0	20	00	0	1	cu	27.5	+9.3	6	-2	0	-9	57	0	21	10
TÔR																	9
HURGHÂDA	10	10	20	02	0	0	—	26.3	+8.4	15	1	5	-4	39	0	dr	
QUSEIR	60	7	20	01	0	1	As	26.3	+8.9	16	3	14	0	42	0	0	4
PORT SÛDÂN	310	8	10	02	0	1	St	21.3		17	6	14		49	0		
WÂDI ḤALFA	30	8	20	02	0	0	—	23.5		11	2	5		54	0		
ABU ḤAMAD																	
KAREIMA																	
ÁṬBARA	10	14	10	02	0	0	—	20.3		12	0	7		44	0		
KHARṬOÛM	20	10	20	03	0	1	ci	19.5		12	-7	8		26	0		
KASSALA	50	9	16	07	0	1	ci	16.2		18	9	7		56	0		
WÂD MEDANI	360	19	50	02	0	1	ci	18.6		13	-10	9		19	0		
RENK																	
ROSEIRES	50	5	20	02	0	2	ci	16.5		15	-5	10		25	0		
EL OBEID	20	13	20	03	0	5	cs	18.7		13	-9	7		21	0		
EL FASHER	30	7	22	03	0	3	cs	20.9		9	1	7		58	0		
GENEINA	60	6	50	03	0	1	ci	19.7		13	-9	10		21	0		
MALAKÂL	30	19	20	03	2	7	cs	15.6		17	-5	14		22	0		
WÂU	10	1	20	02	0	0	—	14.1		17	-9	14		16	0		
JUBA	00	0	10	04	0	0	—	14.8		20	8	11		46	0		

RETARDS
DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1		24-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	210	17	180	15	170	16	170	11	180	11	140	8	60	4	90	5	210	9	180	13	210	7
600 m.	210	22	210	19	180	20	170	9	170	9	160	10	70	9	100	9	220	12	180	15	190	25
1000 m.	200	17	220	22	170	17	160	14	150	11	160	6	70	11	90	15	240	12	180	22	190	21
1500 m.	220	20	230	17	190	19	170	23	160	10	140	12	80	8	80	24	220	16	190	27	250	10
2100 m.			220	11	210	16			190	9	210	7	90	23	60	18	230	24	190	10	190	8
2400 m.			210	27	220	19					180	3	90	12	60	19	260	20	190	14	240	4
3000 m.													330	15					270	10		
4000 m.													20	13					260	22		
5000 m.																			230	33		
6000 m.																						

STATION	Dakhla		Kharga		Hurghada				Alex.(A)		Minya		Luxor		Aswan				Kharga		Hurghada	
DATE	24-1		24-1		24-1				25-1		25-1		25-1		25-1				25-1		25-1	
TIME	14		14		14				2		2		2		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	9	120	8	60	4			190	18	140	11	320	3	100	9			140	5	200	10
600 m.	170	13	120	14	120	3			200	18	150	15	140	3	100	23			120	4	250	10
1000 m.	150	10	120	11	150	3			210	21	160	15	260	4	80	16			80	4	240	16
1500 m.	140	17	110	15	130	15			220	26	130	15	110	3	80	10					220	10
2100 m.	90	10			100	9					130	15	70	5	50	10					220	9
2400 m.	100	6			180	2					120	9	40	8	30	10					220	9
3000 m.					180	3															270	10
4000 m.					350	5																
5000 m.					320	10																
6000 m.					280	26															270	16

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Farafra		Dakhla	
DATE	25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1	
TIME	8		8		8		8		8		8, 15		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	110	10	270	8	250	10	200	18	200	16	170	10	150	11	30	3	50	9	170	5	150	16
600 m.	80	4	300	4	240	12	200	16	200	21	200	8	150	7	30	4	70	9	190	7	110	15
1000 m.	40	2	10	9	230	13	220	16	240	26	200	8	160	10	120	10	100	17	200	4	140	32
1500 m.	260	5	300	15	240	18	220	17	260	7	280	9	290	4	100	7	100	9	310	5		
2100 m.	310	26	280	17	240	23	240	16	250	19	260	12	120	12	90	7	170	8	250	13		
2400 m.	290	10	260	22					240	22	260	14			80	6	210	7	250	12		
3000 m.	280	37	280	18													330	7	250	17		
4000 m.																			290	12		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						24-1																
TIME						15																
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	16													
1000 mb.						182	15		170	12										
950 mb.																				
900 mb.																				
850 mb.						1549	9		230	16										
800 mb.																				
700 mb.						3124	1													
600 mb.																				
500 mb.						5752	-15													
400 mb.						7394	-29													
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 25th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather by day, rather cold by night, specially in Upper Egypt and N. Coast. Mainly clear, but for some patches of medium clouds over Lower Egypt. Winds: mod. W/SW over Lower Egypt & Cairo, light variable over Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T.
" " Sunset 15 26 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	180	24	8	02	0	0	—	17.3	19	4	37	
	303	SÎDI BARRÂNI	200	27	8	02	1	0	—	17.9	18	8	52	
	306	MATRÛḤ (A)	180	11	15	01	0	2	Ac	20.7	17	-3	26	
	309	EL ḎABʿAA	180	7	20	00	0	7	Ac,As	21.9	16	-5	24	
	319	ALEXANDRIA	130	11	20	03	0	6	8,Ac,ci	23.3	15	-3	30	
	318	ALEXANDRIA (A)	160	14	12	03	2	6	Ac	23.0	17	2	37	
	330	DAMIETTA	90	5	20	03	0	2	Ac	24.4	14	3	48	
	333	PORT SAʿÎD (A)	180	6	22	01	1	3	Ac,ci	24.5	17	4	42	
	336	EL ʿARISH												
LOWER EGYPT	339	DAMANHÛR	180	5	20	02	0	1	ci	23.6	18	3	27	
	342	MANṢÛRA	140	5		00	0	0	—	24.3	17	1	34	
	348	ṬANṬA	220	9	20	03	2			23.9	17	1	34	
	360	SHEBÎN EL KÔM	80	5	20	01	1	2	Ac	23.4	16	-5	34	
	354	ZAGAZIG	220	1	20	01	1	1	As	24.2	19	9	52	
	441	ISMAʿILÍA												
CAIRO AREA	366	CAIRO (A)	280	3	16	01	0	2	cc	23.6	17	-5	22	
	372	CAIRO ALMÁZA (A)	190	8	25	01	2	4	cc	23.8	17	-5	22	
	374	CAIRO EZBEKÍYA												
	375	GIZA	240	9	12	02	0	3	cc	24.4	18	0	30	
	378	ḤELWÂN	180	9	20	02	1	4	cs	24.6	16	-1	32	
UPPER EGYPT	381	FAYOÛM	240	6	20	02	1	4	st	24.7	17	0	32	
	387	MINYA (A)	180	7	10	02	1	4	cc	24.0	19	-4	21	
	393	AṢYOÛṬ (A)	110	8	14	01	1	1	Ac	24.3	18	-5	20	
	399	NAGʿ ḤAMÂDI	290	1		03	2	6	Ac,cs	23.8	18	3	37	
	402	QENA	180	1	20	00	0	0	—	23.9	19	6	43	
	405	LUXOR (A)	110	10	22	02	0	0	—	23.4	20	-2	23	
	414	ASWÂN	90	11	10	02	0	0	—	21.0	21	-6	16	
OASES	417	SÎWA	220	18	14	02	0	0	—	20.3	20	-5	18	
	420	BAḤARÎYA	220	4	20	02	3	6	Ac,As	23.8	18	0	30	
	428	FARAFRA	140	2	20	01	2	3	Ac	23.8	18	-4	22	
	432	DAKHLA	100	19	24	03	1	5	ci	23.5	18	-5	20	
	435	KHARGA	140	2	20	02	0	0	—	23.6	20	0	26	
RED SEA	450	SUEZ	180	9	50	02	0	3	cu	25.1	16	3	42	
	459	ṬÔR												
	462	HURGHÂDA	120	5	22	02	0	0	—	24.9	18	4	40	
	465	QUSEIR	80	10	20	01	0	0	—	25.1	17	10	64	
	641	PORT SÛDÂN	360	18	8	07	1	8	Sc	29.7	32	11	50	
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	02	0	0	—	20.4	21	3	28	
	640	ABU ḤAMAD	50	9	24	02	0	0	—	19.1	23	-8	12	
	660	KAREIMA	50	7	21	02	0	0	—	17.0	22	1	25	
	680	ʿAṬBARA	40	11	20	02	0	0	—	15.1	23	6	14	
	721	KHARṬOÛM	30	12	20	02	0	0	—	14.2	24	-1	19	
	780	KASSALA	40	7	20	02	0	0	—	11.1	27	5	25	
CENTRAL SUDAN	751	WÂD MEDANI	360	3	20	02	0	0	—	12.1	27	-4	13	
	801	RENK	310	9	20	02	0	1	cc	12.7	27	0	17	
	802	ROSEIRES	310	5	20	02	0	1	cc	9.2	30	-1	13	
	771	EL OBEID	40	14	20	01	0	0		13.3	23	-13	8	
	760	EL FASHER	70	7	40	01	1	1	ci	14.1	24	7	34	
	770	GENEINA	60	8	50	02	0	0	—	11.6	29	-18	4	
S. SUDAN	840	MALAKÂL	80	15	20	02	2	4	8d	14.6	29	-7	9	
	880	WÂU	20	5		02	0	1	ci	9.7	30	-3	11	
	941	JUBA	310	4	30	04	0	1	ci	8.0	32	-5	9	

At 1800 on 24th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	220	12	12	02	0	0	—	20.7	13	3	19	0	51	0
SÎDI BARRÂNI	220	8	10	02	0	0	—	19.9	12	8			77	0
MATRÛḤ (A)	200	5	12	02	0	0	—	21.4	13	-1	18		38	0
EL ḎABʿAA	200	4		00	0	0	—	22.9	9	4	18		71	0
ALEXANDRIA	180	10	20	01	1	2	cu	23.8	14	-1	17	-1	36	0
ALEXANDRIA (A)	180	6	12	02	2	5	Ac	23.3	12	6	19	+1	67	0
DAMIETTA	90	2		00	0	0	—	24.3	12	5	15		63	0
PORT SAʿÎD (A)	210	6	15	02	0	0	—	24.8	13	7	18	0	67	0
EL ʿARISH														
DAMANHÛR	180	2	10	01	1	2	cu	24.8	11	1	18	-2	51	0
MANṢÛRA	00	0		02	0	0	—	24.6	10	6	18	-2	76	0
ṬANṬA	180	4	20	02	0	0	—	23.9	11	1	18	-2	51	0
SHEBÎN EL KÔM	140	2	10	01	2	4	Sc	24.4	10	0	18		50	0
ZAGAZIG	00	0		02	0	0	—	24.6	12	9	19	-1	77	0
ISMAʿILÍA														
CAIRO (A)	240	3	12	02	2	4	Sc	24.7	13	2	18		48	0
CAIRO ALMÁZA (A)	110	3	18	02	1	0	—	24.3	12	2	18	-2	51	0
CAIRO EZBEKÍYA											20	0		
GIZA	00	0	10	01	0	1	ci	24.7	9	3	19	0	67	0
ḤELWÂN	00	0	10	01	2	2	ci	24.7	14	-1	17	-2	36	0
FAYOÛM	360	4	20	01	0	0	—	23.5	12	3	18	-3	55	0
MINYA (A)	180	3	7	01	0	0	—	23.8	10	-2	20	-1	44	0
AṢYOÛṬ (A)	170	5	10	02	0	0	—	25.0	14	0	20	-1	39	0
NAGʿ ḤAMÂDI	00	0		01	2	4	8,Sc,cs	24.6	11					0
QENA	00	0		00	0	0	—	24.8	12	5	20	-3	63	0
LUXOR (A)	40	15	15	02	0	0	—	24.6	15	-4	22		27	0
ASWÂN	90	2	10	02	0	0	—	23.9	16	-5	22	-2	24	0
SÎWA	260	6	14	02	0	0	—	21.4	13	-1	22	+2	38	0
BAḤARÎYA	220	1	10	02	2	4	Ac,As	23.7	13	0	19	-1	41	0
FARAFRA	260	3	12	01	0	1	Ac	24.8	12	-8	20		24	0
DAKHLA			7	01	1		ci	24.3	14	-5	19	-3	27	0
KHARGA	00	0	6	02	0	0	—	23.0	13	-2	21	-2	36	0
SUEZ	00	0	10	01	0	0	—	25.1	14	5	17	-3	55	0
ṬÔR														
HURGHÂDA	270	1	12	02	0	0	—	26.5	10	-1	18	-2	47	0
QUSEIR	260	1	20	02	0	0	—	26.4	18	5	18	-5	55	0
PORT SÛDÂN	340	12	10	05	1	3	Sc	21.9	17	12	23		72	0
WÂDI ḤALFA	30	1	20	02	0	0	—	20.3	21	2	22		29	0
ABU ḤAMAD	50	5	22	02	0	0	—	19.1	17	-1	24		30	0
KAREIMA	250	6	21	02	0	0	—	18.6	19	-5	23		19	0
ʿAṬBARA	260	6	20	02	0	0	—	16.6	18	-4	23		22	0
KHARṬOÛM	30	9	20	02	0	1		16.2	20	-2	25		23	0
KASSALA	30	8	20	01	2	0	—	14.8	19	6	28		43	0
WÂD MEDANI											28			
RENK											27			
ROSEIRES											30			0
EL OBEID	30	6	20	01	0	0		16.8	16	-9	24		17	0
EL FASHER	70	6	20	01	0	0	—	15.7	20	4	27		35	0
GENEINA											31			0
MALAKÂL	20	8	20	02	1	2		13.0	21	-3	30		70	0
WÂU											32			0
JUBA	00	0	20	04	0	0	—	10.3	22	7	33		38	0

At 0600 on FRIDAY 25th JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	280	12	18	02	0	0	—	22.7	+5.1	9	-2	8	-1	47	0	206	
SÎDI BARRÂNI	220	13	16	01	2	4	cu	22.3		8	5	6		82	0	169	
MATRÛḤ (A)	270	9	16	03	0	2	Sc,cu	22.5	+4.5	9	7	6		88	0	140	
EL ḎABʿAA	270	5	10	00	0	0	—	22.5		7	5	4		87	0	116	
ALEXANDRIA	130	6	20	01	0	0	—	23.3	+4.8	9	2	8	-2	62	0	179	135
ALEXANDRIA (A)	180	4	12	01	0	0	—	23.2	+5.3	6	1	5	-4	71	0	140	100
DAMIETTA	160	2	10	00	0	0	—	24.0	+6.5	9	6	5	-3	82	0	137	64
PORT SAʿÎD (A)	180	11	18	03	0	1	Ac	24.4	+6.4	12	8	7	-4	77	0		
EL ʿARISH																	
DAMANHÛR	160	5	3	10	4	0	—	23.0	+4.8	9	2	4	-3	62	0	77	58
MANṢÛRA	00	0		00	0	0	—	25.2	+7.5	5	2	3	-4	81	0	42	27
ṬANṬA	130	5	20	03	2	8	cu	24.3	+5.8	11	1	3	-3	51	0	43	21
SHEBÎN EL KÔM	40	2	10	00	0	0	—	23.8	+5.3	10	0	7		50	0	29	
ZAGAZIG	140	1	10	02	0	0	—	24.2	+5.5	9	2	4	-2	62	0	28	14
ISMAʿILÍA																	
CAIRO (A)	230	7	16	01	2	6	Sc	24.5		11	-1	10		44	0	25	
CAIRO ALMÁZA (A)	160	7	7	01	0	2	Ac	24.2	+5.2	11	-2	8	-1	41	0	25	
CAIRO EZBEKÍYA										11	0	8	0	47	0	26	13
GIZA	200	5	12	01	—	1	Ac	24.8	+6.1	9	7	5	0	88	0	24	14
ḤELWÂN	140	6	10	02	0	1	Sc	25.2	+6.0	10	-4	8	0	38	0	17	14
FAYOÛM	00	0	20	02	0	0	—	25.6	+6.6	8	0	5	-1	58	0	8	4
MINYA (A)	140	6	8	03	1	3	cu	24.9	+4.5	7	0	3	-1	62	0	25	
AṢYOÛṬ (A)	00	0	10	02	0	4	Ac	26.0	+6.0	7	0	5	-1	62	0	25	
NAGʿ ḤAMÂDI	00	0		02	0	3	As,ci	25.9	+7.0	11	4	3	-2	63	0	1	
QENA	00	0	10	00	0	0	—	25.1	+6.4	10	0	2		50	0	25	
LUXOR (A)	00	0	22	02	0	0	—	25.5	+6.7	9	1	2		58	0	0	
ASWÂN	110	5	12	01	0	0	—	24.8	+6.0	8	2	6	-4	66	0	0	
SÎWA	00	0	15	02	0	0	—	23.8	+3.4	4	-2	3	-1	65	0	21	6
BAḤARÎYA	00	0	20	02	0	2	Ac	24.6	+4.8	5	-3	2	-3	57	0	2	5
FARAFRA	00	0	14	01	1	2	Ac	25.4		6	-5	3		46	0	0	
DAKHLA	270	1	14	02	2	6	cu	25.9	+5.9	7	-10	6	+1	29	0	1	
KHARGA	00	0	10	03	0	4	Sc,cu	23.5	+4.2	8	0	3	-2	58	0	3	
SUEZ	180	7	20	00	0	4	cu	25.6	+7.4	12		7	-2		0	21	10
ṬÔR																	9
HURGHÂDA	120	9	10	02	0	1	Sc	26.8	+6.9	14	4	6	-3	52	0	45	
QUSEIR	270	7	20	03	0	1	ci	26.0	+6.7	14	5	9	-5	55	0	0	4
PORT SÛDÂN	340	15	5	07	0	1	Sc	20.9		19	8	16		49	0		
WÂDI ḤALFA	00	0	20	02	0	0	—	23.8		8	-2	5		50	0		
ABU ḤAMAD	50	2	24	02	0	0	—	21.6		10	-1	6		47	0		
KAREIMA	40	4	21	02	0	0	—	20.9		11	-4	9		35	0		
ʿAṬBARA	20	7	20	02	0	0	—	19.1		12	0	7		44	0		
KHARṬOÛM	40	10	18	05	0	0	—	18.7		13	1	11		44	0		
KASSALA	40	3	20	02	0	0	—	15.4		19	9	13		52	0		
WÂD MEDANI	50	13	20	02	0	1	ci	18.0		14	3	9		48	0		
RENK	310	5	20	02	0	2	cc	17.3		15	2	10		42	0		
ROSEIRES	310	2	3	02	0	2	ci	15.6		15	2	11		42	0		
EL OBEID	20	11	20	03	0	1	ci	17.5		13	-11	7		18	0		
EL FASHER	360	3	35	02	0	0	—	20.9		8	-2	4		50	0		
GENEINA	50	7	50	02	0	0	—	18.9		13	-10	9		19	0		
MALAKÂL	30	17	20	03	1	4	ci	15.2		19	-2	14		24	0		
WÂU	360	3	20	02	0	0	—	14.7		17	-1	13		30	0		
JUBA	00	0	20	04	0	7	Ac,cs	14.0		19	6	12		43	0		

RETARDS — DATE

(A) AERODROME

* 9 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya	
DATE	25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1		25-1	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	3	330	4	10	5	310	11	240	12	210	11	210	3	80	7	340	6	10	9	270	10
600 m.	220	2	360	4	360	5	290	12	230	17	210	11	220	2	160	5	40	4	40	12	270	13
1000 m.	20	4	360	4	340	6	280	10	220	13	210	11	140	3	140	3	70	5	60	17	270	12
1500 m.	20	17	320	7	300	10	250	6	240	17	230	12	140	3	130	3	90	8	100	16	280	3
2100 m.	290	10	280	13	280	14	240	13			260	21			250	10	60	3	160	6	220	10
2400 m.	280	17	210	17	270	20	260	26			250	25			250	15	210	3	210	3	240	7
3000 m.			260	20	240	20					260	24			260	12			10	10	300	17
4000 m.			260	25	250	27					260	18			250	21					250	24
5000 m.					250	31					270	19									250	40
6000 m.					250	39					260	30										

STATION	Farafra		Dakhla		Kharga		Hurghada				Cairo (A)				Bahariya		Farafra		Kharga		Hurghada	
DATE	25-1		25-1		25-1		25-1				26-1				26-1		26-1		26-1		26-1	
TIME	14		14		14		14				2				8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	3	320	12	40	3	100	6			20	7			120	16	70	4	90	6	330	6
600 m.	220	3	300	7	90	3	130	5			10	6			120	10	110	7	80	7	40	3
1000 m.	210	3	300	7	100	9	240	3			330	11			110	9	120	4	190	5	190	8
1500 m.	210	3			150	6	230	6			230	11			180	3	230	6	130	5	260	6
2100 m.							230	15			310	10			250	11	260	16			240	14
2400 m.							240	11							210	11	250	21			250	13
3000 m.							230	8									280	31			250	18
4000 m.							270	15									270	35			270	28
5000 m.																	300	18				
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan	
DATE	26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1	
TIME	8		8		8		8		8		8		6, 15		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	7	140	2	50	6	330	3	210	1	80	4	40	6	00	0	40	6	20	4	90	3
600 m.	150	8	160	2	40	6	340	6	180	9	130	5	60	4	30	10	40	9	40	5	90	17
1000 m.	140	6	160	7	60	9	360	8	220	9	250	5	250	4	50	6	60	4	70	3	120	7
1500 m.	180	7	130	4	240	11	10	11	220	5	240	11	260	10	260	4	220	2	250	4	350	3
2100 m.	140	8	210	11	200	5			240	19	230	17	250	19	240	11			240	14	150	4
2400 m.	220	8	200	11	200	9			240	24	240	12	240	16	240	15			260	34	160	7
3000 m.			220	12	260	11			250	31	240	16	260	16	260	12			240	23	260	7
4000 m.			250	9																		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	25-1					25-1																
TIME	14					15																
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	19				25	16													
1000 mb.	199	18		220	10	194	14		10	5										
950 mb.																				
900 mb.																				
850 mb.	1558	8		230	12	1556	8		300	11										
800 mb.																				
700 mb.	3149	1		260	24	3126	0		240	20										
600 mb.																				
500 mb.	5880	-18		270	24	5777	-20		250	36										
400 mb.	7513	-29		280	36	7529	-30		260	50										
300 mb.	9492	-46		290	44	9502	-47		270	75										
200 mb.	12190	-48		270	87	12190	-49													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 26th JANUARY, 1951

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Fair weather in daytime tending to be cold by night specially in Upper Egypt. Medium clouds and light variable winds in the whole Republic.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T. / " " Sunset 15 27 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 25 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
62300 SALLOÛM	00	0	18	02	0	0	—	22.1	18	6	46
303 SÎDI BARRÂNI	290	9	18	02	1	3	Cu	21.8	16	11	72
306 MATRÛH (A)	300	9	15	03	0	3	Sc	21.1	17	9	60
309 EL ḌAB'AA	340	8	20	00	0	3	Ci	21.6	17	4	42
319 ALEXANDRIA	270	10	20	02	0	0	—	21.8	16	12	77
318 ALEXANDRIA (A)	280	10	12	02	0	0	—	21.2	19	12	64
330 DAMIETTA	200	2	20	02	0	0	—	21.4	20	3	33
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHÛR	230	5	20	02	0	0	—	22.4	18	4	40
342 MANṢÛRA	270	5		02	0	0	—	21.4	20	6	41
348 ṬANṬA	220	3	20	02	0	0	—	22.0	22	3	29
360 SHEBÎN EL KÔM	200	5	20	00	0	0	—	21.4	21	1	27
354 ZAGAZIG	220	2	20	02	0	0	—	21.6	22	9	44
441 ISMA'ILÍA											
366 CAIRO (A)	270	12	14	02	0	0	—	21.1	20	-14	9
372 CAIRO ALMÂZA (A)	210	8	25	02	0	0	—	21.4	21	-3	20
374 CAIRO EZBEKÎYA											
375 GIZA	250	9	10	02	0	0	—	22.0	20	1	28
378 HELWÂN	200	12	50	02	0	0	—	21.8	19	-2	24
381 FAYOÛM	360	4	20	02	0	0	—	22.0	20	3	33
387 MINYA (A)	190	7	10	01	0	0	—	22.0	22	-2	20
393 ASYOÛT (A)	120	4	16	03	0	3	Ac	22.0	20	-2	23
399 NAG' HAMÂDI	290	1		01	2	4	Ac, cs	21.6	20	3	33
402 QENA	180	1	20	03	1	3	Cc	22.3	22	6	36
405 LUXOR (A)	330	4	22	02	0	0	—	21.6	21	4	33
414 ASWÂN	60	3	14	02	0	0	—	20.6	23	-1	20
417 SÎWA	220	5	15	02	0	0	—	22.9	19	8	49
420 BAHARÎYA	220	4	20	02	0	0	—	21.4	22	2	27
423 FARAFRA	180	1	20	02	0	0	—	22.1	22	-2	20
432 DAKHLA	150	3	15	01	1	1	Ci	21.4	22	-1	21
435 KHARGA	00	0	20	01	1	2	Cu	20.9	21	3	31
450 SUEZ	180	10	50	01	0	0	—	21.8	18	10	60
459 TÔR											
462 HURGHÂDA	130	9	22	02	0	1	Sc	22.4	21	8	44
465 QUSEIR	200	6	20	03	0	2	Ci	23.3	20	11	56
641 PORT SÛDÂN	20	17	4	07	0	1	Sc	17.8	23	13	53
600 WÂDI ḤALFA	30	9	20	02	0	0	—	18.9	22	6	36
640 ABU ḤAMAD	70	5	20	02	0	0	—	15.4	26	-5	13
660 KAREIMA	50	5	20	02	0	0	—	15.7	24	0	21
680 ʿAṬBARA	30	8	20	02	0	0	—	13.5	25	0	19
721 KHARṬOÛM	30	11	20	02	0	0	—	12.6	24	3	26
730 KASSALA	20	7	20	01	0	0	—	9.0	29	8	27
751 WÂD MEDANI	360	5	20	02	0	0	—	10.6	28	2	19
801 RENK	310	9	20	02	0	2	Ac	11.0	28	8	29
802 ROSEIRES	310	5	20	02	0	2	Ci	7.0	31	5	19
771 EL OBEID	30	12	20	02	0	1	Ci	11.5	25	-8	11
760 EL FASHER	20	8	22	03	0	1	Ci	11.9	26	-12	7
770 GENEINA	50	13	50	02	0	0		10.8	29	-24	3
840 MALAKÂL	30	11	20	03	1	5	Cs	8.7	31	-1	12
880 WÂU	20	4	20	02	0	1	Ci	8.4	31	-1	12
941 JUBA	20	2	20	04	2	3	Ac, Ci	6.8	32	-3	10

At 1800 on 25 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300 SALLOÛM	00	0	18	02	0	0	—	22.8	13	4	20	+1	55	0
303 SÎDI BARRÂNI	340	2	16	02	0	0	—	22.5	12	10			88	0
306 MATRÛH (A)	270	3	12	01	1	3	Sc	23.2	13	10	18		82	0
309 EL ḌAB'AA	340	2		00	0	0	—	22.9	11	7	17		77	0
319 ALEXANDRIA	00	0	20	02	0	0	—	23.1	15	9	18	0	68	0
318 ALEXANDRIA (A)	330	4	12	03	0	2	Sc	22.4	13	8	19	+1	72	0
330 DAMIETTA	200	2		02	0	0	—	22.2	13	9	20	+2	77	0
333 PORT SA'ID (A)	110	2	18	02	0	1	Ci	22.4	13	8	20	+2	72	0
336 EL 'ARISH														
339 DAMANHÛR	310	2	10	02	0	0	—	21.9	12	10	21	+1	88	0
342 MANṢÛRA	270	3		00	0	0	—	22.2	12	5	22	+2	63	0
348 ṬANṬA	00	0	20	02	0	0	—	22.4	10	6	22	+2	76	0
360 SHEBÎN EL KÔM	200	2	10	00	0	0	—	22.3	12	3	23		55	0
354 ZAGAZIG	00	0	10	02	0	0	—	22.3	13	9	23	+3	77	0
441 ISMA'ILÍA														
366 CAIRO (A)	290	7	12	02	1	3	Ci	22.3	15	0	20		36	0
372 CAIRO ALMÂZA (A)	220	2	12	02	0	0	—	22.0	14	2	21	+1	65	0
374 CAIRO EZBEKÎYA											22	+2		
375 GIZA	00	0	8	01	0	0	—	22.4	10	3	21	+2	62	0
378 HELWÂN	200	4	20	02	0	0	—	22.4	14	-1	20	+1	36	0
381 FAYOÛM	360	4	20	02	0	0	—	21.9	12	3	20	-1	55	0
387 MINYA (A)	150	2	7	02	0	0	—	21.6	11	0	22	+1	47	0
393 ASYOÛT (A)	170	3	12	02	0	0	—	22.4	13	-2	21	0	36	0
399 NAG' HAMÂDI	00	0		02	0	2	Ac	21.4	12	5	23	+1	63	0
402 QENA	00	0		02	1	2	Ci	21.5	13	7	23	0	67	0
405 LUXOR (A)	240	2	12	02	0	0	—	21.0	12	4	22		59	0
414 ASWÂN	00	0	12	02	0	0	—	20.5	16	1	24	0	36	0
417 SÎWA	270	3	15	02	0	2	Ci	22.6	11	0	20	0	47	0
420 BAHARÎYA	00	0	10	02	0	0	—	22.6	13	1	23	+3	44	0
423 FARAFRA	00	0	12	00	0	0	—	23.5	14	-8	24		21	0
432 DAKHLA	00	0	8	02	0	0	—	21.5	17	-3	23	+1	26	0
435 KHARGA	00	0	8	02	0	0	—	20.6	13	-3	23	0	34	0
450 SUEZ	220	10	10	02	0	0	—	23.6	14	8	19	-1	67	0
459 TÔR														
462 HURGHÂDA	00	0	10	02	0	3	Sc	22.0	14	7	22	+2	63	0
465 QUSEIR	250	1	20	01	0	4	Ac	22.5	16	10	21	-2	68	0
641 PORT SÛDÂN	330	11	15	03				19.2	19	11	23		60	0
600 WÂDI ḤALFA	20	7	20	02	0	0	—	19.3	16	4	23		45	0
640 ABU ḤAMAD	70	5	22	02	0	0	—	16.3	18	-1	27		28	0
660 KAREIMA	360	4	21	02	0	0	—	16.1	21	-1	26		23	0
680 ʿAṬBARA	350	9	20	02	0	0	—	14.0	21	0	27		15	0
721 KHARṬOÛM	10	7	20	02	0	0	—	14.0	21	2	26		29	0
730 KASSALA	20	7	20	02	0	0	—	11.6	23	6	30		34	0
751 WÂD MEDANI											30			
801 RENK											29			
802 ROSEIRES											32			
771 EL OBEID	30	8	20	01	0	0	—	13.2	19	-2	27		24	0
760 EL FASHER	40	5	20	01	1	0	—	13.1	21	-4	28		18	0
770 GENEINA	30	7	30	02	0	0	—	11.6	22	-17	31		7	0
840 MALAKÂL	20	6	20	03	2	6	Cs	10.3	23	3	32		27	0
880 WÂU	00	0	20	01	1	0	—	8.9	24	8	35		36	0
941 JUBA	00	0	20	04	2	2	Ci	8.6	23	6	34		34	0

At 0600 on SATURDAY 26th JANUARY 1957

Area	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300 SALLOÛM	00	0	14	03	2	8	Sc, Ac	21.5	+4.0	12	4	11	+2	59	0	206	
	303 SÎDI BARRÂNI	170	8	15	02	2	8	Sc, Ac, As	21.5		10	8	9		88	0	169	
	306 MATRÛH (A)	00	0	14	02	2	8	Ac	22.3	+4.4	8	7	8		94	0	140	
	309 EL ḌAB'AA	220	3	10	00	0	6	Cs	22.3		9	5	7		76	0	116	
	319 ALEXANDRIA	00	0	4	05	4	7	Cu, As	22.7	+4.3	12	8	11	+1	77	0	179	137
	318 ALEXANDRIA (A)	00	0	8	02	4	7	As, As	22.4	+4.5	10	8	8	-1	88	0	140	102
	330 DAMIETTA	200	2		03	2	8	Sc	22.2	+4.8	9	7	3	-5	88	0	127	65
	333 PORT SA'ID (A)	270	6	8	02	2	7	Ac, As	22.1	+4.1	12	10	10	-1	88	0		
	336 EL 'ARISH																	
LOWER EGYPT	339 DAMANHÛR	180	2	4	10	0	7	Cu, Sc	21.8	+3.7	10	8	7	0	88	0	77	59
	342 MANṢÛRA	220	7		03	1	2	St	22.2	+4.6	7	5	5	-2	87	0	42	28
	348 ṬANṬA	00	0	20	03	2	7	Cb	23.0	+4.6	6	4	1	-5	87	0	43	21
	360 SHEBÎN EL KÔM															0	29	
	354 ZAGAZIG	220	1	3	10	2	8	Sc	23.6	+5.0	9	2	6	0	62	0	28	15
	441 ISMA'ILÍA																	
CAIRO AREA	366 CAIRO (A)	170	5	6	05	2	8	St, Cs	22.6		11	7	10		77	0	25	
	372 CAIRO ALMÂZA (A)	110	4	7	03	2	8	Sc, Cu, Cs	22.2	+3.2	11	6	9	0	71	0	25	
	374 CAIRO EZBEKÎYA										11	7	7	-1	77	0	26	14
	375 GIZA	10	3	5	03	—	4	Cu, Ac	22.8	+5.2	9	7	5	0	88	0	24	15
	378 HELWÂN	40	6	4	05	2	7	Cc	22.3	+3.1	12	8	9	+1	77	0	17	15
UPPER EGYPT	381 FAYOÛM															0	8	4
	387 MINYA (A)	320	3	5	03	2	7	Ac, As	21.5	+1.1	4	-1	1	-3	79	0	do	
	393 ASYOÛT (A)	00	0	14	03	1	6	Ac	22.2	+2.2	8	-3	4	-2	46	0	do	
	399 NAG' HAMÂDI	00	0		02	0	3	As, Ci	22.2	+3.3	10	0	1	-4	50	0	1	
	402 QENA	00	0	10	00	0	0	—	22.8	+4.1	11	1	3	-4	51	0	do	
	405 LUXOR (A)	00	0	22	02	0	0	—	21.9	+3.2	8	1	3		54	0	0	
	414 ASWÂN	00	0	12	02	0	0	—	20.7	+2.0	11	5	6	-4	67	0	0	
OASES	417 SÎWA	00	0	14	02	2	7	As, As	22.1	+1.7	8	0	6	+2	58	0	21	6
	420 BAHARÎYA	00	0	20	02	2	7	Ac, As	22.4	+2.7	7	3	4	-1	76	0	2	5
	423 FARAFRA	00	0	15	02	2	7	As	23.2		7	-9	-1		31	0	0	
	432 DAKHLA	170	1	14	03	0	5	Sc, Ci	21.9	+1.9	6	-6	0	+1	42	0	1	
	435 KHARGA	00	0	12	03	0	3	Ac	20.6	+1.3	9	-1	4	-2	50	0	3	
RED SEA	450 SUEZ	00	0	20	00	0	7	As	23.0	+4.9	10	6	4	-5	76	0	21	10
	459 TÔR																	9
	462 HURGHÂDA	300	4	20	02	0	1	Ci	20.9	+3.0	12	4	6	-3	59	0	do	
	465 QUSEIR	270	5	20	01	0	1	Ci	21.1	+3.8	15	9	12	-2	68	0	0	4
	641 PORT SÛDÂN																	
NORTH SUDAN	600 WÂDI ḤALFA	00	0	20	02	0	0	—	19.9		10	1			54	0		
	640 ABU ḤAMAD	340	8	24	02	0	0	—	19.1		11	-4			35	0		
	660 KAREIMA	360	1	21	02	0	0	—	17.7		13	1			44	0		
	680 ʿAṬBARA	10	8	20	02	0	0	—	16.3		15	-1			34	0		
	721 KHARṬOÛM	50	6	20	02	0	0	—	16.2		15	0			36	0		
	730 KASSALA	60	1	20	02	0	0	—	13.6		19	10			56	0		
CENTRAL SUDAN	751 WÂD MEDANI	360	9	20	02	0	0	—	16.0		15	5			52	0		
	801 RENK	310	5	20	02	0	0	—	16.5		16	6			52	0		
	802 ROSEIRES	310	2	20	02	0	0		14.3		17	5	12		46	0		
	771 EL OBEID	360	7	20	03	0	1	Ci	16.3		15	-5			25	0		
	760 EL FASHER	320	5	30	03	0	2	Ci	19.3		11	-11			20	0		
	770 GENEINA	70	7	50	01	1	2	Ci	18.1		12	-13			16	0		
S. SÛDÂN	840 MALAKÂL	30	15	20	02	0	0	—	13.1		20	0			26	0		
	880 WÂU	340	2	20	02	0	0	—	12.9		17	4			42	0		
	941 JUBA	00	0	20	04	2	7	Ac, Cs	13.4		18	11			64	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya	
DATE	26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1		26-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	210	4	160	7	130	7	30	4	300	7	330	4	350	8	300	5	360	2	360	5	90	7
600 m.	200	6	150	4	140	7	30	9	240	9	320	3	350	7	350	4	360	2	50	8	100	7
1000 m.	210	7	150	4	140	7	30	9	240	11	270	4	10	9	10	7	270	5	80	6	140	3
1500 m.	200	9	180	6	130	7	260	9	220	9	260	10	280	8	290	8	260	8	160	4	320	7
2100 m.	230	10	200	5	200	5	270	11	300	10	260	19	270	16			240	7	180	6	340	5
2400 m.	240	7	210	6	230	10	270	10	290	17	250	20	260	18			230	6	350	9	270	17
3000 m.	280	19	210	7	260	34	260	14	280	7	240	25	260	31								
4000 m.	270	31	270	10	260	49			240	23	250	56										
5000 m.					260	43			230	33	260	60										
6000 m.					260	68					270	70										

STATION	Dakhla		Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor				Farafra		Dakhla		Kharga	
DATE	26-1		26-1		26-1				27-1		27-1		27-1				27-1		27-1		27-1	
TIME	14		14		13				2		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	3	10	5	80	8			40	2	10	7	30	7			160	9	90	2	40	6
600 m.	290	3	330	4	100	5					350	9	10	9			150	7	210	17	20	8
1000 m.	260	3	250	3	330	7					300	4	10	9			210	3	180	2	350	4
1500 m.	250	8	240	10	250	11			280	8	230	10	240	4			10	4	350	10	30	4
2100 m.			260	18	240	21			250	6	210	7	240	7			330	10			10	9
2400 m.					240	21							250	9			290	5				
3000 m.					250	23																
4000 m.					270	39																
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Alex. (A)		P. Said		Cairo (A)		Heleran		Minya		Asyout		Luxor		Aswan		Bahariya	
DATE	27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1	
TIME	8		8		8		8		8		6 30		8 15		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	11	290	6	90	4	30	1	50	3	30	3	20	11	320	2	10	10	20	6	160	10
600 m.	260	10	220	2	240	6	50	5	60	8	60	6	10	4	350	4	70	4	80	6	160	10
1000 m.	220	5	140	9	80	4	10	6	40	7	280	10	220	9	320	5	240	3	120	6	160	9
1500 m.	240	4	230	5	250	7	280	12	250	15	250	17	310	17	350	9	220	6	260	6	230	9
2100 m.	280	8	200	10	270	4	240	17	250	21	270	20			340	11	210	10	240	14	200	18
2400 m.	310	8					240	24	260	37	280	36			280	11	210	4	240	17		
3000 m.							250	33	260	2					270	20			290	17		
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	26-1					26-1																
TIME	13,45					14																
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				25	16													
1000 mb.	173	15		340	5	173	14		130	6										
950 mb.																				
900 mb.																				
850 mb.	1530	10		260	10	1522	7		130	8										
800 mb.																				
700 mb.	3110	0		240	25	3080	-3		260	35										
600 mb.																				
500 mb.	5737	-15		270	63	5684	-16		260	60										
400 mb.	7387	-27		260	87	7337	-26		260	75										
300 mb.	9685	-43		260	93															
200 mb.	12380	-48																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 27th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues relatively warm in daytime but tending to be cold by night. Much medium cloud in north. Winds generally SW light to moderate in Lower Egypt and western desert, but NE'ly light winds will predominate in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T. / " " Sunset 15 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOÛM	60	0	18	02	2	8	AS	19.7	16	6	52
303	SÎDI BARRÂNI	140	8	16	02	2	8	Sc, AS	19.3	16	10	68
306	MATRUH (A)	100	2	16	02	2	8	AS	20.3	16	9	64
309	EL DAB'AA	320	1	10	00	0	8	AC	20.9	16	10	68
319	ALEXANDRIA	270	2	20	03	4	8	Cu, AS	20.6	16	10	68
318	ALEXANDRIA (A)	360	1	12	02	2	8	AC, AS	20.4	18	10	60
330	DAMIETTA	290	2	10	02	2	8	AC	19.6	16	8	59
333	PORT SA'ÏD (A)	250	2	10	02	2	8	AC, AS	19.9	15	10	72
336	EL 'ARISH											
339	DAMANHÛR	90	2	10	02	2	8	AC, AS	20.6	16	10	68
342	MANSÛRA	00	0		02	2	8	St	20.0	18	8	52
348	TANTA	00	0	20	03	2	8	Cu	20.0	16	10	68
360	SHEBÎN EL KÔM	320	5	20	01	1	5	Sc	20.0	17	4	42
354	ZAGAZIG											
441	ISMA'ILÎA											
366	CAIRO (A)	60	5	12	02	2	7	AS	19.4	17	8	56
372	CAIRO ALMÂZA (A)	340	3	15	02	2	7	St	19.8	16	8	59
374	CAIRO EZBEKÎYA											
375	GIZA	50	6	8	02	2	4	Sc, AC	20.2	16	10	68
378	HELWÂN	140	2	4	05	2	8	AC	19.5	18	3	37
381	FAYOÛM	00	0	20	02	2	8	Cb	19.8	18	7	49
387	MINYA (A)	320	2	8	02	2	6	AC, AS	19.2	22	0	23
393	ASYOÛT (A)	00	0	12	03	0	7	AC, AS	19.2	20	3	33
399	NAG' HAMÂDI	00	0		02	0	2	AC	17.9	22	6	36
402	QENA	00	0	20	00	0	0	—	17.6	23	5	32
405	LUXOR (A)	320	4	22	02	0	0	—	17.3	21	9	47
414	ASWÂN	360	2	16	02	0	0	—	15.2	27	0	17
417	SÎWA	100	5	14	02	2	7	AC	20.3	17	4	42
420	BAHARÎYA	110	3	20	02	2	7	AC, AS	18.9	19	5	40
423	FARAFRA	00	0	20	00	0	1	Ci	18.6	21	-3	20
432	DAKHLA	340	3	24	02	1	0	—	19.5	22	-1	21
435	KHARGA	20	1	20	02	0	1	AC	16.7	24	-8	12
450	SUEZ	220	7	50	02	0	7	AS	20.4	20	6	41
459	TÔR											
462	HURGHÂDA	80	4	22	02	0	1	Cc	17.1	21	11	53
465	QUSEIR	310	4	20	03	0	2	Cc	18.6	20	15	73
641	PORT SÛDÂN	20	13	15	07	0	1	Sc	15.9	26	20	70
600	WÂDI HALFA	360	4	20	02	0	0	—	15.4	26	9	35
640	ABU HAMAD	40	5	24	02	0	0	—	12.9	29	-1	14
660	KAREIMA	80	2	21	02	0	0	—	13.2	27	2	20
680	'ATBARA	30	5	20	02	0	0	—	11.8	28	6	25
721	KHARTOÛM	40	7	20	02	0	0	—	11.3	27	4	25
730	KASSALA	20	5	20	02	0	0	—	8.1	31	5	19
751	WÂD MEDANI	360	9	20	02	0	0	—	9.3	31	2	16
801	RENK	310	9	20	02	0	0	—	10.9	30	6	22
802	ROSEIRES	310	5	20	02	0	2	Ci	6.5	34	5	16
771	EL OBEID	50	7	20	02	0	2	Ci	9.9	29	-3	12
760	EL FASHER	90	8	30	03	0	2	Ci	11.2	28	-9	8
770	GENEINA	70	5	50	02	0	1	Ci	10.3	30	-19	4
840	MALAKÂL	30	6	20	02	0	0	—	8.0	32	1	14
880	WÂU	320	5	30	03	0	1	Ci	7.6	33	2	14
941	JUBA	310	6	20	04	2	3	Ci	6.2	35	3	13

At 1800 on 26th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms
62300	SALLOÛM	00	0	18	02	2	8	AC	19.5	14	4	18	-1	52	0
303	SÎDI BARRÂNI	150	8	16	02	2	7	Sc, AC, AS	19.7	12	10			88	0
306	MATRUH (A)	00	0	10	02	2	8	Sc, AC, AS	20.1	12	9	18		82	0
309	EL DAB'AA	00	0		00	0	0	—	19.9	13	11	17		88	0
319	ALEXANDRIA	00	0	20	02	0	0	—	20.6	15	9	16	-2	68	0
318	ALEXANDRIA (A)	02	0	12	02	2	7	AS	19.9	13	11	19	+1	88	0
330	DAMIETTA	290	2		02	2	8	AC	19.5	13	7	16	-2	67	0
333	PORT SA'ÏD (A)	310	3	12	02	2	7	AC, AS	19.7	14	10	16	-2	77	0
336	EL 'ARISH														
339	DAMANHÛR	90	2		02	2	8	AC, AS	19.6	13	11	17	-3	88	0
342	MANSÛRA	00	0		02	2	8	St	19.8	13	9	18	-2	77	0
348	TANTA	00	0	20	02	0	0	—	20.6	12	10	17	-3	88	0
360	SHEBÎN EL KÔM	320	2	10	01	1	6	Sc	20.6	12	5	18		63	0
354	ZAGAZIG	00	0	10	02	0	0	—	21.2	15	7	18	-2	59	0
441	ISMA'ILÎA														
366	CAIRO (A)	80	1	12	02	2	8	St, AS	20.0	14	10	17		77	0
372	CAIRO ALMÂZA (A)	140	3	10	02	2	7	St	19.8	14	9	17	-3	72	0
374	CAIRO EZBEKÎYA											18	-2		
375	GIZA	80	5	10	01	2	5	Sc, Cu	20.3	13	9	17	-2	77	0
378	HELWÂN	340	3	4	05	2	5	AC	19.9	14	8	18	-1	67	0
381	FAYOÛM	00	0	20	02	2	8	Cb	19.2	14	6	18	-3	59	0
387	MINYA (A)	20	1	7	01	1	1	AC	18.9	13	4	22	+1	55	0
393	ASYOÛT (A)	00	0	10	03	1	4	AC	19.3	16	0	21	0	34	0
399	NAG' HAMÂDI	00	0		02	0	3	AC	19.0	14	5	23	+1	55	0
402	QENA	00	0		00	0	0	—	18.2	14	8	24	+1	67	0
405	LUXOR (A)	00	0	12	02	0	0	—	18.2	14	5	24		55	0
414	ASWÂN	00	0	12	02	0	0	—	16.9	18	1	29	+5	32	0
417	SÎWA	140	2	14	02	2	4	AS	19.5	14	5	18	-2	55	0
420	BAHARÎYA	110	1	10	02	1	0	—	19.1	15	4	21	+1	48	0
423	FARAFRA														
432	DAKHLA	270	3	7	02	0	0	—	18.7	18	-1	25	+3	28	0
435	KHARGA	00	0	8	02	0	0	—	17.0	18	-5	25	+2	20	0
450	SUEZ	360	8	10	01	0	0	—	19.6	15	7	22	+2	59	0
459	TÔR														
462	HURGHÂDA	00	0	10	02	2	6	AC, AS	18.0	16	6	22	+2	52	0
465	QUSEIR			20	01	0	0	—	18.7	18	13	21	-2	72	0
641	PORT SÛDÂN	310	5	20	01	0	1		16.9	21		27			0
600	WÂDI HALFA	20	8	20	02	0	0	—	15.7	21	5	29		35	0
640	ABU HAMAD	50	2	24	02	0	0	—	14.8	20	0	30		26	0
660	KAREIMA	360	3	20	02	0	0	—	14.3	24	-1	29		19	0
680	'ATBARA	20	1	20	02	0	0	—	12.7	21	3	30		31	0
721	KHARTOÛM														
730	KASSALA	40	6	20	02	0	0	—	11.9	22	5	32		33	0
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	20	7	20	01	0	0	—	12.0	21	-7	30		15	0
760	EL FASHER	20	3	20	01	1	2	Ci	13.1	21	-3	30		20	0
770	GENEINA	350	5	50	01	1	1	Cs	17.8	10	-9	30		26	0
840	MALAKÂL	50	4	20	03	1	5	Cs	10.4	25	6	34		30	0
880	WÂU	10	1	20	01	0	0	—	8.8	26	7	34		30	0
941	JUBA	310	1	20	13	2	4	Cb, Ci	6.7	27	7	36		28	0

At 0600 on SUNDAY 27th JANUARY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Diff from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	4	18	02	2	8	Sc, AS	18.1	+0.6	12	0	12	+3	44	0	206	
	303	SÎDI BARRÂNI	230	8	16	02	2	8	Sc, AS	18.3		11	8	10		82	0	169	
	306	MATRUH (A)	270	6	16	02	2	8	Cb, AC, AS	18.9	+1.0	11	9	10		88	0	140	
	309	EL DAB'AA	220	1	10	00	0	8	AC	19.1		11	9	9		88	0	116	
	319	ALEXANDRIA	00	0	4	05	4	8	Cu, AS	19.1	+0.7	13	11	13	+3	88	0	179	139
	318	ALEXANDRIA (A)	240	2	5	10	2	8	AC, AS	19.0	+1.2	12	10	12	+3	88	0	140	103
	330	DAMIETTA	200	2		02	2	8	Sc	18.7	+1.4	12	10	7	-1	88	0	137	66
	333	PORT SA'ÏD (A)	320	5	10	02	2	7	AC, AS	18.5	+0.5	14	11	12	+1	82	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	180	2	4	02	2	8	AC, AS	18.8	+0.8	12	10	11	+4	88	0	77	60
	342	MANSÛRA	00	0	3	02	2	8	St	18.4	+0.8	13	9	6	-1	77	0	42	28
	348	TANTA	00	0	20	03	2	8	Cu	19.0	+0.7	12	10	8	+2	88	0	43	22
	360	SHEBÎN EL KÔM	320	2		01	4	4	Sc	18.8	+0.4	12	8	11		77	0	29	
	354	ZAGAZIG	00	0	10	02	2	8	Cu	19.9	+1.3	12	10	7	+1	88	0	28	15
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	190	4	12	01	1	2	Sc	19.1		13	8	10		72	0	25	
	372	CAIRO ALMÂZA (A)	110	4	6	03	2	6	AS	19.0	0.0	12	8	10	+1	77	0	25	
	374	CAIRO EZBEKÎYA										12	6	9	+1	67	0	26	14
	375	GIZA	350	3	0.8	42	—	3	AC, Ci	19.4	+0.9	9	8	7	+2	94	0	24	15
	378	HELWÂN	00	0	4	05	2	6	Cc	19.1	-0.1	11	9	10	+2	88	0	17	15
UPPER EGYPT	381	FAYOÛM	00	0	20	02	2	8	Cb	19.4	+0.5	11					0	8	4
	387	MINYA (A)	360	5	7	03	1	6	AC, AS	19.1	-1.3	8	2	6	+2	66	0	dr	
	393	ASYOÛT (A)	00	0	8	02	1	6	AC, AS, Ci	18.7	-1.3	11	10	8	+2	94	0	dr	
	399	NAG' HAMÂDI	00	0		02	0	3	AS, Ci	18.4	-0.4	13	4	2	-3	55	0	1	
	402	QENA	00	0	10	00	0	0	—	18.7	+0.1	11	7	7	0	77	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	18.4	-0.3	9	2	5		62	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	18.4	-0.3	13	4	7	-3	55	0	0	
OASES	417	SÎWA	60	2	15	03	6	7	Ns, AS	18.7	-1.6	11	4	10	+6	63	dr	21	6
	420	BAHARÎYA	00	0	20	02	2	7	AC, AS	19.0	-0.6	10	4	7	+2	67	0	2	5
	423	FARAFRA																0	
	432	DAKHLA	00	0	14	03	0	2	Ci	19.8	-0.1	7	-10	4	-1	29	0	1	
	435	KHARGA	00	0	10	03	0	3	Sc, Cu	16.8	-2.4	10	0	6	0	50	0	3	
RED SEA	450	SUEZ	360	6	20	00	0	2	Cu	19.8	+1.7	13	7	9	0	67	0	21	10
	459	TÔR																	9
	462	HURGHÂDA	280	9	22	02	2	6	AC, Cs	18.4	+0.5	15	7	10	+1	59	0	dr	
	465	QUSEIR	270	8	20	00	3	4	Ci	18.3	+1.1	17	11	14	0	68	0	0	4
	641	PORT SÛDÂN																	
NORTH SUDAN	600	WÂDI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	'ATBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

SHIP REPORTS in Code.

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13347 23806 40000 98020 18815 42400 35XXX 05010 100X0
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* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla	
DATE	27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1		27-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	8	290	5	240	3	280	5	340	10	310	4	40	5	320	5	350	5	50	9	60	3
600 m.	280	7	270	4	270	4	260	9	340	9	350	7	350	4	40	2	350	7	50	9	60	6
1000 m.	290	6	250	5	210	4	270	12	340	16	350	5	80	8	110	9	320	7	20	15	70	11
1500 m.	270	4	220	2	260	10	260	15	350	6	340	10	320	7	220	3	310	7	10	9	200	8
2100 m.	350	4	300	7	260	9	240	23	360	16	360	10	280	9	240	13	340	15	10	6		
2400 m.	300	8	290	6	280	19	260	26			270	3	220	22	240	17	330	19	10	11		
3000 m.					270	23							230	12	230	17	310	15				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor				Farafra		Dakhla		Kharga		Hurghada	
DATE	27-1		27-1				28-1		28-1		28-1				28-1		28-1		28-1		28-1	
TIME	14		14				2		2		2				8	15	8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	10	90	1			30	3	300	4	70	15			40	9	80	10	60	10	320	10
600 m.	20	8	280	4			220	8	290	10	80	23			40	10	80	23	130	13	70	5
1000 m.	20	7	260	10			230	13	290	10	110	17			90	13	70	16	130	13	80	11
1500 m.	330	4	320	12					250	15	190	14			140	16	170	18			150	15
2100 m.	240	7	290	10							240	22			210	15					220	11
2400 m.	240	17	240	14							250	42									240	17
3000 m.			240	23							260	32										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya	
DATE	28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	3	240	7	290	6	160	4	160	5	60	4	350	14	100	11	140	2	80	4	30	16
600 m.	150	4	270	4	320	3	140	4	180	2	360	2	20	12	120	7	100	6	40	4	40	16
1000 m.	90	3	300	4	320	3	170	4	200	3	340	7	10	14	140	19	130	17	150	9	40	27
1500 m.	90	2	220	2			260	31	240	12			150	15	150	15	140	11	190	14	30	19
2100 m.	60	3	150	3			260	49	250	26			120	18	210	17	150	17	200	10	130	13
2400 m.	90	4	220	7			260	52	250	33			160	31	220	18	160	23	200	26	140	20
3000 m.							260	52					170	22	240	26	160	25	210	20	140	22
4000 m.													200	18							160	22
5000 m.																					190	30
6000 m.																					180	23

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																				
DATE																				
TIME																				
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 28th January, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No appreciable change in temperature all over the Republic. Medium clouds continues from north coast up to Middle Egypt with light showers over scattered places. Light variable winds.

In southern Upper Egypt: mainly clear and light variable winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 47 U.T. / Sunset 15 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 27th

Area	Index	Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure mb	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	00	0	18	02	2	8	As	16.7	17	3	39
	303	SÎDI BARRÂNI	360	6	18	02	2	8	Sc,Ac,As	16.7	16	6	52
	306	MATRÛH (A)	00	0	16	02	2	8	Ac,As	17.0	16	7	56
	309	EL ḌAB'AA	250	4	20	00	0	8	Ac	16.8	16	8	59
	319	ALEXANDRIA	270	4	10	02	4	8	Cu,Ac	16.8	15	11	77
	318	ALEXANDRIA (A)	330	1	12	02	2	8	Ac,As	16.2	17	11	68
	330	DAMIETTA	140	2	10	02	2	8	Sc	17.2	17	11	68
	333	PORT SA'ÎD (A)	310	4	12	02	2	8	Ac,As	17.1	16	12	77
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	270	2	4	02	2	8	Ac,As	17.6	17	11	68
	342	MANṢÛRA	00	0		02	2	8	Ns	17.0	18	10	60
	348	ṬANṬA	00	0	20	03	2	8	Cu	17.0	17	11	68
	360	SHEBÎN EL KÔM	250	5	20	01	1	5	Sc	17.4	16	8	59
	354	ZAGAZIG	00	0	20	03	1	8	Cu	17.6	16	12	77
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	40	5	16	02	2	8	Ac,As,Ci	16.8	16	8	59
	372	CAIRO ALMÂZA (A)	310	5	15	02	2	8	Ac	16.9	16	8	59
	374	CAIRO EZBEKÎYA											
	375	GIZA	60	6	10	02	0	7	Sc	17.5	16	11	72
	378	HELWÂN	340	2	6	05	2	8	Ac,Cc	17.1	17	8	56
Upper Egypt	381	FAYOÛM	00	0	20	02	2	8	Cb	17.0	18	8	52
	387	MINYA (A)	320	6	7	03	2	5	Ac,As	16.3	23	2	26
	393	AṢYOÛT (A)	00	0	14	02	0	4	Ac	16.0	22	-2	20
	399	NAG' HAMÂDI	00	0	4	02	0	2	Ac	15.8	24	0	21
	402	QENA	00	0	20	00	0	0	—	15.5	25	5	32
	405	LUXOR (A)	330	4	22	02	0	0	—	14.1	25	7	32
	414	ASWÂN	360	4	16	02	0	0	—	13.5	28	2	19
Oases	417	SÎWA	40	6	14	02	6	8	Ns,As	18.2	13	8	72
	420	BAHARÎYA	220	2	20	02	5	7	Ac,Cs	16.1	23	8	38
	423	FARAFRA	100	3	20	02	2	5	Ac,Ci	16.6	23	-2	19
	432	DAKHLA	00	0	25	03	0	3	Ci	15.9	25	2	22
	435	KHARGA	00	0	17	02	0	0	—	13.8	26	3	15
Red Sea	450	SUEZ	360	7	50	03	0	1	As	17.1	17	7	52
	459	TÔR											
	462	HURGHÂDA	340	10	22	02		7	Ac,Cs	16.7	20	7	43
	465	QUSEIR	360	6	20	01	0	1	Cc	15.4	21	16	74
	641	PORT SÛDÂN	30	8	20	01	0	1	St	14.0	25	9	36
North Sudan	600	WÂDI HALFA	00	0	20	02	0	0	—	12.1	30	11	31
	640	ABU HAMAD	90	2	50	02	0	0	—		30	5	21
	660	KAREIMA	50	7	21	02	0	1	Ci	10.5	30	6	22
	680	'AṬBARA	70	6	20	03	0	1	Cs	10.6	29	6	23
	721	KHARṬOÛM	20	7	20	02	2	1	Cs	7.8	32	4	17
	730	KASSALA	00	0	20	02	2	7	Cs	6.4	32	8	22
Central Sudan	751	WÂD MEDANI	360	9	20	02	1	5	Ci	7.5	32	0	13
	801	RENK	310	1	20	02	1	5	Ac	8.4	33	6	19
	802	ROSEIRES	310	5	20	02	2	8	Cs	7.2	35	-6	7
	771	EL OBEID	90	5	20	02	2	6	Cs	7.4	31	-1	12
	760	EL FASHER	50	8	35	01	2	3	Ci	7.2	32	-5	9
	770	GENEINA	180	5	60	02	1	3	Cs	6.9	33	-14	14
S. Sûdân	840	MALAKÂL	70	5	20	02	2	7	Cs	6.5	35	2	12
	880	WÂU	90	5	20	02	2	6	Cs	5.8	34	6	18
	941	JUBA	50	6	20	02	2	7	Cu,Ac	5.4	34	13	29
			13345	25512	70909	99038	17316	22460					

At 1800 on 27th

Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	00	0	12	01	2	6	Sc	17.5	14	5	17	-2	55	0
SÎDI BARRÂNI	210	4	12	02	2	8	Sc,Ac,As	17.0	13	7			67	0
MATRÛH (A)	230	4	14	01	2	5	As	17.2	13	10	18		82	0
EL ḌAB'AA	00	0		00	0	0	—	17.9	13	11	17		88	0
ALEXANDRIA	00	0	20	02	1	8	As	18.2	15	11	16	-2	77	0
ALEXANDRIA (A)	340	1	12	02	2	8	Ac,As	17.3	14	11	17	-1	82	0
DAMIETTA	220	2		02	2	8	Sc	17.2	14	12	17	-1	88	0
PORT SA'ÎD (A)	00	0	10	02	2	7	Ac,As	17.2	14	13	17	-1	94	0
EL 'ARISH														
DAMANHÛR	360	2	4	02	2	8	Ac,As	17.8	14	12	17	-3	88	0
MANṢÛRA	00	0		02	2	8	Ns	17.5	15		18	-2		0
ṬANṬA	00	0	20	03	2	8	Cu	17.3	9	7	18	-2	88	0
SHEBÎN EL KÔM	200	2	10	01	1	5	Sc	17.1	13	7	17		67	0
ZAGAZIG	200	1	10	02	0	1		17.6	15	13	16	-4	88	0
ISMA'ILÎA														
CAIRO (A)	340	2	12	02	2	8	As	17.7	13	10	17		82	0
CAIRO ALMÂZA (A)	00	0	10	03	5	8	As	17.6	14	6	17	-3	59	dr
CAIRO EZBEKÎYA											17	-3		
GIZA	60	4	10	01	0	5	Sc	17.4	15	10	17	-2	72	0
HELWÂN	40	3	6	05	5	8	Cs	17.6	13	11	18	-1	88	dr
FAYOÛM	00	0	20	01	0	0	—	17.0	13	9	18	-3	77	0
MINYA (A)	360	5	6	01	6	2	Ac	16.8	14	3	23	+2	48	dr
AṢYOÛT (A)	00	0	10	02	0	0	—	16.7	16	1	24	+3	36	0
NAG' HAMÂDI	00	0		01	0	2	As	16.2	15	4	25	+3	48	0
QENA	00	0		00	0	0	—	15.4	15	7	26	+3	59	0
LUXOR (A)	00	0	12	02	0	0	—	14.8	14	6	26		59	0
ASWÂN	00	0	12	02	0	0	—	14.0	19	4	29	+5	37	0
SÎWA	00	0	13	02	6	8	Ns,As	18.7	12	8	14	-6	77	0.2
BAHARÎYA	00	0	10	01	1	2	St	16.6	17	7	24	+3	52	
FARAFRA	10	2	12	01	2	3	Ac,As	17.2	17	-3	24		26	0
DAKHLA	20	3	8	01	0	1	Ci	15.2	20	-6	27	+5	17	0
KHARGA	00	0	8	02	0	0	—	13.8	20	-10	26	+3	13	0
SUEZ	00	0	10	01	1	0	—	17.8	15	7	18	-2	59	0
TÔR														
HURGHÂDA	310	3	10	80	2	7	Cu,Cs	16.4	16	8	21	+1	59	dr
QUSEIR	300	6	20	01	0	0	—	15.7	18	15	22	-1	83	0
PORT SÛDÂN	40	1	20	02	0	1	Sc	15.1	23	20	26		84	0
WÂDI HALFA	20	4	20	02	0	0	—	12.5	22	5	31		33	0
ABU HAMAD	00	0	24	01	0	0	—	11.2	21	3			31	0
KAREIMA														
'AṬBARA	350	2	20	01	2	2	Ci	11.0	25	6	31		30	0
KHARṬOÛM	30	1	20	02	1	4	Cs	9.9	25	1	32		21	0
KASSALA	10	2	20	01	2	0	—	9.6	21	6	34		38	0
WÂD MEDANI											34			
RENK														
ROSEIRES														
EL OBEID	70	5	20	01	2	4	Ci	9.5	22	-7	32		14	0
EL FASHER	70	5	20	03	1	6	Cs	9.8	23	-7	33		19	0
GENEINA	330	4	30	01	1	3	Cs	8.8	23	-6	35		14	0
MALAKÂL	70	4	20	02	2	7	Cs	9.9	27	4	36		23	0
WÂU	00	0	20	01	2	4	St,As,Cs	6.3	21	0	35		25	0
JUBA	360	1	20	04	2	4	Ac	6.1	29	17	35		49	0
	13343	27218	80902	97621	18413	8xxxx	25xxx							

At 0600 on MONDAY 28th JANUARY, 1957

Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	270	8	14	02	2	8	Sc,As	19.4	+2.0	13	4	12	+3	55	0	206	
SÎDI BARRÂNI	220	10	14	02	2	8	Cu,As	14.6		10	9	10		94	0	169	
MATRÛH (A)	250	7	12	02	2	8	As	15.1	-2.7	11	8	10		82	0	140	
EL ḌAB'AA	270	4	10	00	0	2	Ac	15.1		11	9	10		88	0	116	
ALEXANDRIA	00	0	10	01	4	7	Cu,As	15.4	-3.0	13	11	12	+2	88	0	179	141
ALEXANDRIA (A)	00	0	10	02	2	8	Ac,As	15.0	-2.8	12	10	11	+2	88	0	140	104
DAMIETTA	200	2		02	2	8	Sc	15.9	-1.4	11	8	9	+1	82	0	137	67
PORT SA'ÎD (A)	180	3	10	02	2	7	Ac,As	15.7	[illegible]	13	12	12	+1	94	0		
EL 'ARISH																	
DAMANHÛR	00	0	3	10	2	7	As	15.6	-2.4	12	10	10	+3	88	0	77	60
MANṢÛRA	00	0		02	2	8	Ns	15.2	-2.3	11	9	10	+3	88	0	42	29
ṬANṬA	00	0	20	03	2	8	Cu	15.3	-2.9	11	9	7	+1	88	0	43	22
SHEBÎN EL KÔM	320	2	10	01	1	5	Sc	15.2	-3.1	11	7	10		77	0	29	
ZAGAZIG	00	0	10	03	6	8	Sc	15.6	-2.9	11	9	9	+3	88	2	30	15
ISMA'ILÎA																	
CAIRO (A)	150	7	10	02	5	8	St,Ac	15.2		11	8	11		82	dr	25	
CAIRO ALMÂZA (A)	50	6	10	01	2	7	As	14.9	-4.0	11	9	11	+2	88	dr	25	
CAIRO EZBEKÎYA										13	8	10	+2	72	dr	26	14
GIZA	100	5	10	01	—	6	Sc,Ci	15.9	-2.5	12	9	10	+5	82	2	26	15
HELWÂN	40	3	4	05	6	6	Ac,As,Ci	15.0	-4.1	13	4	11	+3	55	0.3	17	15
FAYOÛM	00	0	20	02	2	8	St	15.9	-2.9	12	6	10	+4	67	0	8	4
MINYA (A)	340	4	6	02	2	5	Ac	13.9	-6.4	10	4	8	+4	67	0	dr	
AṢYOÛT (A)	00	0	12	03	0	6	Ac,As	14.4	-5.5	14	-3	6	0	32	0	dr	
NAG' HAMÂDI	00	0		02	0	3	Ac,Cs	14.7	-4.0	13	7	7	+2	67	0	1	
QENA		1	10	00	0	0	—	14.4	-4.2	14	5	6	-1	55	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	13.8	-4.8	11	0	6		47	0	0	
ASWÂN	360	7	12	02	0	0		13.2	-5.5	12	3	10	0	55	0	0	
SÎWA	360	2	14	21	6	8	Ns,As	16.4	-3.9	10	9	10	+6	94	0.2	91	6
BAHARÎYA	340	2	20	02	2	7	Ac,As	15.3	-4.2	12	7	10	+5	72	0	2	5
FARAFRA	360	5	15	01	2	6	Sc	16.0		12	3	9		55	0	0	
DAKHLA	180	1	10	03	0	5	Ac	14.6	-5.3	14	-1	6	+1	36	0	1	
KHARGA	350	8	5	03	0	2	Cu	11.2	-8.0	16	1	14		36	0	3	
SUEZ	360	6	10	00	6	8	As	16.2	-1.8	11	9	8	-1	88	1	22	10
TÔR																	9
HURGHÂDA	310	5	20	02	0	3	Ac	15.2	-2.7	14	0	10	+1	39	dr	dr	
QUSEIR	270	8	20	03	0	1	Ci	14.9	-2.2	17	13	14	0	77	0	0	4
PORT SÛDÂN																	
WÂDI HALFA	00	0	20	02	0	0	—	11.0		18	1	11		32	0		
ABU HAMAD	00	0	24	02	0	0	—	11.1		17							
KAREIMA	80	1	21	03	0	1	Ci	11.1		17	5	15		46	0		
'AṬBARA																	
KHARṬOÛM	00	0	10	04	2	7	Cs	11.0		17	5	15		46	0		
KASSALA	00	0	20	03	1	7	Cs	10.2		20	11	11		56	0		
WÂD MEDANI	50	9	10	02	2	8	Ci	11.5		18	9	11		56	0		
RENK																	
ROSEIRES																	
EL OBEID	70	4	20	03	2	6	Cs	10.5		19	0	9		28	0		
EL FASHER																	
GENEINA	70	2	30	02	0	1	Ci	15.7		10	-7	7		30	0		
MALAKÂL	30	6	20	01	2	7	Cs	10.3		22	1			25	0		
WÂU	00	0	20	03	2	6	Ac,As	9.6		26	23	20		84	0		
JUBA	130	2	20	02	2	8	Cu	8.9		20	15	17		73	0		
SHIP REPORTS in code.	2333X	30506	70802	98028	15516	754XX	25XXX	05109	10820								

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1		28-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	12	180	2	20	12	300	4	90	2	330	4	360	9	340	16	330	19	200	9		
600 m.	250	13	190	3	30	14	140	6	180	8	360	5	360	8	340	14	360	11	190	10	340	6
1000 m.	240	13			60	7	170	13	140	18	350	11	350	10	350	17	300	4	200	15	140	16
1500 m.	220	15			180	5			220	18	350	20	330	9	360	11	190	18	220	14	160	18
2100 m.	220	25			220	8			220	15	340	20	180	3	340	15	220	38			200	23
2400 m.	220	27			180	3			210	17			210	12	330	10	230	51			210	22
3000 m.	210	17							250	27			210	10	310	9					230	29
4000 m.	220	13													190	5						
5000 m.	200	40																				
6000 m.	220	27																				

STATION	Alex.(A)		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga								Hurghada	
DATE	29-1		29-1		29-1		29-1		29-1		29-1		29-1								29-1	
TIME	2		2		2		2		3		4		3								8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	34	270	30	310	10	330	13	330	8	320	29	340	11							300	25
600 m.	260	26	280	31	290	17	320	10	340	36	340	27	320	18							290	27
1000 m.	260	26	280	30	300	26	340	21	320	24			310	20							250	24
1500 m.	260	25	240	34	280	24	320	29	250	20											210	18
2100 m.	270	26	220	24	270	28	280	13	220	21											230	26
2400 m.			220	12			260	9														
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallaum		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla		Kharga	
DATE	29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	17	230	43	40	27	230	19	290	10	320	11	350	9	80	32	290	13	300	11	330	11
600 m.	300	16	220	47	40	16	260	17	290	12	320	16	20	6	280	27	280	17	320	10	340	13
1000 m.	290	14	220	45			340	19	300	17	310	17	200	1	280	30	310	26	320	34	340	16
1500 m.	280	19	220	34					310	21	270	13	30	12	310	40	310	23				
2100 m.									320	23	240	31	40	11			320	31				
2400 m.											250	26	120	3								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh																					
DATE	28-1																					
TIME	14																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	25	16																		
1000 mb.	115	15		270	12															
950 mb.																				
900 mb.																				
850 mb.	1468	5		220	14															
800 mb.																				
700 mb.	3020	-5		210	18															
600 mb.																				
500 mb.	5578	-23		230	45															
400 mb.	7179	-34																		
300 mb.	9112	-46																		
200 mb.	11760	-48																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 29th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slight fall in temperature. Medium and low clouds still increasing in the north and up to Middle Egypt where a chance for rain, heavy at times over Sinai, still exists. Winds chiefly moderate westerly in the north, becoming light in extreme Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 47 U.T. / Sunset 15 29 U.T.

All Times are Universal Times (UT) [Two hours slower than local time]

At 1200 on 28th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount O.8	Cloud Forms	Bar Pressure M.S.L. mb	Temperature °C	Dew Point °C	Relative Humidity %	Present Weather	Past Weather W	Cloud Amount O.8	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	260	10	18	50	5	8	cu,sc,as	12.5	13	5	59	270	4	7		63	6	8	cu,sc,as	11.8	10	4	13	-6	67	6
	303	SÎDI BARRÂNI	270	12	16	02	2	8	cb,ac	12.1	15	11	77	300	15	12		51	5	8	sc,as	10.6	11	9	15		88	4
	306	MATRÛH (A)	270	6	16	01	2	7	ac,as	12.6	17	7	52	250	8	10		61	5	5	as	11.2	12	9	18		82	ds
	309	EL DAB'AA	320	8	20	00	0	8	ac	11.8	16	8	59	200	6			00	0	8	cu	10.9	11	11	17		97	0
	319	ALEXANDRIA	220	4	20	03	1	8	cu,as	12.5	15	9	68	00	0	20		60	6	8	cu,sc	12.0	13	11	17	-1	88	1
	318	ALEXANDRIA (A)	220	5	8	60	6	8	sc,ac,as	12.5	16	10	68	250	3	6		61	5	8	ac,as	11.3	13	11	18		88	1
	330	DAMIETTA	40	5	10	01	1	7	sc	13.0	16	10	68	40	5			02	1	7	sc	12.2	14	12	16	-2	88	0
	333	PORT SA'ÎD (A)	40	8	10	02	2	7	ac,as	12.2	15	13	88	50	5	12		02	0	1	cu	11.9	14	12	18	0	88	0
	336	EL ARISH																										
LOWER EGYPT	339	DAMANHÛR	180	2	10	03	2	8	ac,as	12.5	16	12	77	90	2	10		02	2	8	ac,as	12.4	14	12	17	-3	88	0
	342	MANŞÛRA	00	0		01	2	6		12.6	19	12	64	00	2			03	1	8	ac	11.9	14	10	19	-1	77	0
	348	ṬANṬA	00	0	20	03	2	8	as	13.1	17	11	68	00	0	20		03	2	8	as	11.6	13	11	18	-2	88	0
	360	SHEBÎN EL KÔM		5	20	01	1	4	sc	12.7	17	7	52															
	354	ZAGAZIG	00	0	20	02	2	8	sc	12.5	18	11	64	00	0	10		02	2	0	—	11.3	15	11	18	-2	77	0
	441	ISMA'ILÎA																										
CAIRO AREA	366	CAIRO (A)	60	5	15	03	2	8	as	11.9	18	6	46	120	3	12		02	2	6	sc,as	11.0	14	10	18		17	0
	372	CAIRO ALMÂZA (A)	320	5	12	02	2	7	sc,cu,as	12.1	18	7	49	30	3	10		01	2	5	as,cs	11.1	14	10	19	-1	77	0
	374	CAIRO EZBEKÎYA																							19	-1		
	375	GIZA	50	6	6	05	2	8	as,as	12.5	17	10	64	50	6	8		01	2	5	ac,cu	11.0	14	11	18	-1	82	0
	378	ḤELWÂN	00	0	4	05	2	8	ac,as	11.9	17	7	52	360	2	4		03	2	8	ac,as,cc	10.6	15	7	18	+1	59	0
UPPER EGYPT	381	FAYOÛM	20	4	20	02	2	8	cb	11.9	17	8	56	00	0	20		01	0	4	sc	10.3	14	9	18	-3	72	0
	387	MINYA (A)	360	9	6	02	6	7	as,as	10.9	18	5	40	330	5	6		01	2	3	ac	8.8	14	6	18	-3	59	ds
	393	AṢYOÛṬ (A)	360	7	12	02	2	7	ac,as	9.7	21	5	35	260	10	10		01	2	0	—	9.2	15	6	22	+1	55	0
	399	NAG' HAMÂDI	290	1		03	2	6	ac,cs	[illegible]		4		00	0			02	2	3	ac	8.0	11	7	28	+6	52	0
	402	QENA	00	0	20	00	0	0	—	[illegible]	[illegible]	11	[illegible]	00	0			00	0	0	—	8.3	19	-8	36	+7	16	0
	405	LUXOR (A)	60	9	22	02	0	0	—	8.1	28	8	29	00	0	12		02	0	0	—	7.5	18	7	29		49	0
	414	ASWÂN	160	6	12	02	0	0	—	11.3	26	11	40	00	0	12		02	0	0	—	7.1	24	7	33	+9	34	0
OASES	417	SÎWA	320	11	13	63	6	8	ns,as	14.3	12	10	88	300	11	13		01	6	5	ns,as	13.9	11	9	14	-6	88	1
	420	BAHARÎYA	40	2	20	02	2	7	as,as	15.3	19	10	56	320		10		02	2	7	ci	12.8	14	9	21	0	72	0
	423	FARAFRA	40		20	03	1	4	sc	12.5	21	6	32	320	13	12		03	0	7	sc	14.8	15	6	22		55	0
	432	DAKHLA	250	3	24	01	1	1	ci	10.8	20	0	18	320	13	6		02	0	0	—	12.0	18	3	26	+4	37	0
	435	KHARGA	00	0	17	02	1	2	cu	7.0	29	6	23	350	2	6		02	0	0	—	7.2	19	-5	31	+8	19	0
RED SEA	450	SUEZ	00	0	50	01	0	6	as	12.0	18	8	52	00	0	10		01	0	0	—	10.7	14	8	18	-2	67	0
	459	TÛR																										
	462	HURGHÂDA	60	5	22	01	0	2	ac	11.7	22	13	57	00	0	12		02	2	7	ac	10.1	17	12	23	+3	72	0
	465	QUSEIR	340	6	20	03	0	2	ac	11.7	22	15	57	40	2	8		01	0	0	—	10.6	20	15	23	0	73	0
	641	PORT SÛDÂN	70	5	20	02	1	4	sc	10.4	27	23	79	120	5	20		01	1	4	sc	10.1	25	23	28		89	0
NORTH SUDAN	600	WÂDI HALFA												60	3	25		02	0	0	—	6.7	26	3	35		23	0
	640	ABU HAMAD	00	0	24	05	0	2	ci	5.9	30	11	31	00	0	24		02	1	4	ci	7.1	24	7	32		34	0
	660	KAREIMA	270	1	21	03	1	4	cs	5.7	32	11	28	360	1	21		01	2	0	—	7.5	27	8	33		30	0
	680	ʿAṬBARA	170	4	20	02	2	7	cs	4.9	32	9	24	330	1	20		01	2	3	ci	6.6	26	10	33		37	0
	721	KHARTOÛM	320	4	20	02	2	6	cs	4.7	31	7	22	00	0	20		02	2	7	cs	6.8	25	11	33		42	0
	730	KASSALA	160	1	20	02	2	7	cs	2.9	36	2	12	00	0	20		02	2	7	cs	7.3	21	0	37		25	0
CENTRAL SUDAN	751	WÂD MEDANI	270	5	20	02	2	6	ci	3.7	33	2	14												34			
	801	RENK	310	2	20	02	1	4	ac	5.9	35	-1	10												37			
	802	ROSEIRES	130	5	20	02	2	4	cs	2.6	36	2	12												37			
	771	EL OBEID	310	7	20	01	2	6	cs	3.7	33	-3	10	340	6	20		01	2	2	ci	6.4	25	-2	35		17	0
	760	EL FASHER	00	0	30	02	1	3	cs	3.7	33	-1	11	140	3	20		03	1	7	cs	6.6	25	2	35		22	0
	770	GENEINA	290	6	30	03	1	4	ci	5.3	33	-13	5	320	7	30		01	1	1	ci	8.4	24	-4	35		16	0
S. SÛDÂN	840	MALAKÂL	310	3	20	02	2	7	cs	5.0	35	3	13	180	2	20		02	2	7	cs	6.1	27	7	37		28	0
	880	WÂU	130	3	20	01	2	1	cu	2.3	37	11	20	00	0	20		01	0	0	—	4.2	31	13	38		33	0
	941	JUBA	270	5	20	04	2	6	cu,ac	5.8	31	15	38	00	0	20		13	6	7	cb,ac,as	7.8	25	2	34		22	3

RETARDS — DATE

At 0600 on TUESDAY 29th JANUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount O.8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	290	10	16	02	2	5	cb	10.5	-6.9	10	3	9	0	62	13	219	
SÎDI BARRÂNI	330	22	15	02	2	7	cu,sc	9.1		14	1	10		42	12	181	
MATRÛḤ (A)	310	21	15	25	5	7	cb	7.1	-10.6	13	10	10		82	3	143	
EL DAB'AA	340	16	17	02	0	7	cu	5.1		13	9	9		77	7	123	
ALEXANDRIA	220	14	20	01	8	6	cu,sc	7.5	-10.9	10	8	9	-1	88	9	189	143
ALEXANDRIA (A)	220	18	10	03	6	7	sc	7.2	-10.6	10	8	10	+1	88	8	148	105
DAMIETTA	200	5		01	6	6	cu	8.2	-9.0	11	9	8	0	88	7	144	68
PORT SA'ÎD (A)	240	21	17	25	5	7	cb	7.4	-10.6	11	10	10	-1	94	4		
EL ARISH																	
DAMANHÛR	230	13	4	03	6	5	cu,sc	8.7	-9.2	10	8	9		88	11	88	61
MANŞÛRA	220	3		03	6	7	sc	8.0	-9.4	11	9	10	+3	88	9	51	29
ṬANṬA	180	10	20	03	6	1		9.4	-8.7	10	8	7	+1	88	8	51	22
SHEBÎN EL KÔM	200	2	18	01	6	2	cu	8.8	-9.5	11	9	10		88	5	34	
ZAGAZIG	220	1	10	03	6	8	cu	8.6	-9.8	10	10	9	+3	97	4	34	15
ISMA'ILÎA																	
CAIRO (A)	330	17	14	02	6	7	sc,as	9.2		10	8	9		88	3	28	
CAIRO ALMÂZA (A)	220	18	12	02	2	7	sc	9.9	-9.0	10	8	10	+1	88	4	29	
CAIRO EZBEKÎYA										11	9	10	+2	88	5	31	14
GIZA	300	11	8	02	—	6	cu,sc	10.2	-8.1	11	8	10	+5	82	3	29	15
ḤELWÂN	200	16	4	42	4	8	cb	10.4	-8.6	10	8	9	+1	88	2	19	15
FAYOÛM	290	6	20	02	2	8	cb	11.5	-7.2	11	7	10	+4	77	0	8	4
MINYA (A)	260	7	8	03	0	8	ac,as	12.5	-7.8	10	4	9	+5	67	ds	ds	
AṢYOÛṬ (A)	300	5	14	02	0	3	sc	14.2	-5.7	9	4	8	+2	71	0	ds	
NAG' HAMÂDI	00	0		01	0	1	as	14.3	-4.3	13	7	9	+4	67	0	1	
QENA	290	4	10	00	0	0	—	13.0	-5.5	14	8	10	+3	67	0	ds	
LUXOR (A)	330	10	22	02	0	0	—	13.1	-5.4	14	7	10		63	0	0	
ASWÂN	20	13	12	02	0	0	—	13.1	-5.5	14	6	13	+3	59	0	0	
SÎWA	320	10	15	02	0	0		12.9	-7.3	8	6	8	+4	88	1	22	6
BAHARÎYA	320	17	20	01	1	4	ac,as	12.5	-7.0	10	7	8	+3	82	ds	2	5
FARAFRA	220	1	15	03	0	5	st	16.0		10	4	7		67	0	0	
DAKHLA	290	5	20	03	0	1	cu	16.8	3.1	8	6			88	0	1	
KHARGA	00	0	12	01	0	1	cu	13.4	-5.7	12	6	10	+4	67	0	3	
SUEZ	160	2	20	00	0	6	cu	9.5	-8.5	14	5	10	+1	55	0	22	10
TÛR																	9
HURGHÂDA	320	26	12	03	0	1		8.8	-9.1	16	6	13	+4	52	0	ds	
QUSEIR	270	4	20	02	0	0	—	8.9	-8.1	9	7	7	-7	88	0	0	4
PORT SÛDÂN	280	2	20	03	0	5	sc	10.5		25	22			84	0		
WÂDI HALFA	300	15	11	05	0	0	—	14.9		13	4	12		55	0		
ABU HAMAD	240	5	24	02	0	0	—	10.4		19	5	14		40	0		
KAREIMA	20	7				0		11.9		17	-2	15		28	0		
ʿAṬBARA	120	3	20	02	0	2	cu	9.3		21	4	18		53	0		
KHARTOÛM	320	2	8	04	0	4	ci	10.0		20	5	15		38	0		
KASSALA	220	1	20	00	1	7	cs	10.2		19	9	12		52	0		
WÂD MEDANI	130		20	02	1	2	ci	10.1		20	7	11		43	0		
RENK	360	2	20	02	0	2	cc	12.1		19	0	14		28	0		
ROSEIRES	230	2	20	02	1	3	ci	10.8		19	5	15		40	0		
EL OBEID	190	2	20	02	1	4	ci	9.3		20	-1	13		24	0		
EL FASHER	340	13	3	06	2	7	cs	13.4		16	-1	13		32	0		
GENEINA	50	12	7	06	0	0	—	15.5		15	-6	12		23	0		
MALAKÂL	310	1	20	03	1	7	cs	10.6		21	9	17		47	0		
WÂU	00	0	20	03	2	7	cb,cs	8.8		25	-11	23		9	0		
JUBA																	

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla		Kharga	
DATE	29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1		29-1	
TIME	15		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	270	21	200	16	250	23	270	15	300	19	300	9	300	11	280	14	290	17	300	19	340	12
600 m	270	25	210	35	250	24	280	18	290	17	300	15	310	13	270	9	300	18	300	19	330	10
1000 m	280	30	200	19	250	22	280	16	290	18	300	12	300	14	280	13	290	23	300	22	330	21
1500 m	270	23			250	32	280	38			300	23	270	24	280	16	290	45			320	14
2100 m	260	22			250	33					290	30	260	28	280	32	280	29				
2400 m	260	23			260	35					290	30	230	28	280	36	270	30				
3000 m	250	17			250	35											270	35				
4000 m	250	20			250	39																
5000 m	260	19			240	50																
6000 m	230	13			240	78																

STATION	Hurghada						Cairo (A)		Minya		Asyout		Luxor		Aswan		Kharga					
DATE	29-1						30-1		30-1		30-1		30-1		30-1		30-1					
TIME	14						2		2		2		2		2		4					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	290	15					230	30	120	10	250	20	260	10	290	10	270	13				
600 m	290	13					250	23	130	10	270	26	280	11	310	13	260	16				
1000 m	300	16					240	29	230	16	270	28	290	15	300	11	270	19				
1500 m	280	31							150	7	270	35	300	19	280	13						
2100 m	250	20									270	28	290	15	280	23						
2400 m	250	32											280	16	250	17						
3000 m													280	23								
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		Cairo (A)		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga		Hurghada					
DATE	30-1		30-1		30-1		30-1		30-1		30-1		30-1		30-1		30-1					
TIME	8		8		8		8		8		8		8		8		8					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	21	220	28	260	30	240	26	250	10	240	5	260	8	220	11	180	2				
600 m.	350	17	230	29	250	23	260	30	250	15	250	10	280	20	250	20	220	11				
1000 m	350	22	240	37	250	18	260	27	270	21	250	17	280	23	250	18	240	11				
1500 m					260	33	260	25	280	28	270	23					260	34				
2100 m									290	25	260	31					260	50				
2400 m									300	37	250	36					270	62				
3000 m.											250	28										
4000 m.																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	29-1					29-1														
TIME	14					15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				25	13													
1000 mb	79	16		240	21	81	12		270	18										
950 mb.																				
900 mb																				
850 mb	1429	3		250	32	1406	-2		280	29										
800 mb																				
700 mb	2974	-5		250	35	2936	-9		250	20										
600 mb																				
500 mb	5555	-19		250	60	5440	-29		260	26										
400 mb.	7185	-29		250	110	7000	-41		270	20										
300 mb.	9182	-42				8928	-50		260	55										
200 mb.	11880	-50																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 30th JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cold weather still prevails all over the Republic. Low clouds increasing over Lower Egypt & Cairo. Chance for rain in scattered places still exists. Fresh SW winds, strengthening at times with rising dust. In Upper Egypt: Some low clouds in the northern part. Moderate W/NW winds.

SYNOPTIC SURFACE OBSERVATIONS

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 29th (faint; column headings illegible)

Station											
62300 SALLOÛM	350	7	8	03	[illegible]	7	Cu, Sc, Cs	9.?	17	4	42
303 SÎDI BARRÂNI	290	16	[illegible]	02	[illegible]	7	Cu, Ac, Cc	8.6	15	10	72
306 MATRÛH (A)	280	20	[illegible]	02	[illegible]	8	Ci	[illegible]	15	10	72
309 EL DAB'AA	320	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	10	68
319 ALEXANDRIA	270	26	20	01	[illegible]	5	[illegible]	[illegible]	[illegible]	9	60
318 ALEXANDRIA (A)	280	15	10	02	[illegible]	[illegible]	[illegible]	4.8	17	11	68
330 DAMIETTA	200	[illegible]		02		[illegible]	[illegible]	[illegible]	14	10	77
333 PORT SA'ÎD (A)	250	24	[illegible]	[illegible]		7	Cu, Sc	6.9	14	9	77
336 EL 'ARÎSH											
339 DAMANHÛR	230	15	[illegible]	[illegible]		[illegible]	Cu	6.8	[illegible]	[illegible]	77
342 MANSÛRA	220	2		[illegible]	2	7	[illegible]	[illegible]	[illegible]	10	77
348 TANTA	220	10	20	03	2	[illegible]	Cu	6.8	[illegible]	10	68
360 SHEBÎN EL KÔM	250	4	20	01	[illegible]	[illegible]	Cu	7.5	15	9	65
354 ZAGAZIG	220	1	20	[illegible]	[illegible]	8	Cu	7.6	[illegible]	11	71
441 ISMA'ILÎA											
366 CAIRO (A)	240	20	10	[illegible]	[illegible]	[illegible]	[illegible]	7.6	12	8	72
372 CAIRO ALMÂZA (A)	180	20	23	[illegible]		[illegible]	[illegible]	[illegible]	12	8	77
374 CAIRO EZBEKÎYA											
375 GIZA	240	10	[illegible]	01		7	[illegible]	8	5	10	72
378 HELWÂN	180	18	[illegible]	[illegible]		[illegible]	Ac	[illegible]		7	77
381 FAYOÛM	240	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		8	56
387 MINYA (A)	240	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	2	34
393 ASYOÛT (A)	270	14	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	4	[illegible]
399 NAG' HAMÂDI	290	2	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		46
402 QENA	340	8	20	[illegible]		[illegible]		[illegible]	[illegible]		46
405 LUXOR (A)	280	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]		40
414 ASWÂN	320	10	15	[illegible]				[illegible]	[illegible]	8	35
417 SÎWA	290	17	15	[illegible]			Cu	12.6	16	7	56
420 BAHARÎYA	280	9	20	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	52
423 FARAFRA	290	6	[illegible]	02	0	[illegible]	Cu	16.5	17	2	39
432 DAKHLA	290	11	15	03	0	[illegible]	[illegible]	15.5	17	4	42
435 KHARGA	350	2	[illegible]	01	[illegible]	1	Ac	[illegible]	20	2	30
450 SUEZ	160	2	30	[illegible]	[illegible]	6	Cu	[illegible]	15	7	59
459 TÔR											
462 HURGHÂDA	330	25	30	[illegible]				[illegible]	22		25
465 QUSEIR	280	5	20	[illegible]				[illegible]	24		26
641 PORT SÛDÂN	120	8	20				Ac, Sc	[illegible]		25	
600 WÂDI HALFA	350	[illegible]	20	[illegible]				[illegible]	20	1	28
640 ABU HAMAD	20	5	20	02	0	0		7.5	29	3	19
660 KAREIMA	30	9	[illegible]	06	0	0		4.7	26	3	20
680 'ATBARA	310	1	20	02	[illegible]	1	Ci	5.3	34	5	16
721 KHARTOÛM	350	11	20	[illegible]		5	Ci	5.7	32	1	14
730 KASSALA	00	0	20	02	[illegible]	[illegible]	Cs	4.5	35	1	12
751 WÂD MEDANI	310	[illegible]	20	02		0	Cs	4.6	35	-1	10
801 RENK	310	5	20	01	[illegible]	5	Cs	6.1	36	2	12
802 ROSEIRES	310	5	20	[illegible]		[illegible]	Ci	3.2	36	2	12
771 EL OBEID							Ci	3.3	32	-6	8
760 EL FASHER	340	10		06	0	0		1.3	29	3	19
770 GENEINA	20	8	10	06	[illegible]	3		10.0	21	3	19
840 MALAKÂL	180	4	20	02	2	7	Cs	4.4	37	0	10
880 WÂU	230	6	20	01	2	7	Cu, Cs	3.3	36	16	31
941 JUBA	90	3	20	04	2	7	Ac, Cs	4.1	34	14	30

At 1800 on 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	250	12	12	01	0	4	Sc, Cu	8.1	13	3	17	-2	51	0.1
	303	SÎDI BARRÂNI	250	12	16	02	2	5	Cu	7.8	12	8			77	3
	306	MATRÛH (A)	250	11	10	02	0	4	Cb	8.5	11	7	17		77	3
	309	EL DAB'AA	270	8		00	0	0	—	7.9	11	7	17		77	0
	319	ALEXANDRIA	70	30	20	60	6	5	Cb	7.9	15	9	17	-1	68	1
	318	ALEXANDRIA (A)	260	22	8	80	2	7	Sc	7.1	14	10	17	-1	77	1
	330	DAMIETTA	200	9		00	6	0	—	6.6	12	8	14	-4	77	6
	333	PORT SA'ÎD (A)	250	25	10	01	8	2	Cu, Sc	6.5	13	11	15	-3	88	0.6
	336	EL 'ARÎSH														
LOWER EGYPT	339	DAMANHÛR	230	9		01	6	2	Cu	7.5	13	9	17	-3	77	1
	342	MANSÛRA	220	5		01	6	4	Sc, Cu	7.1	13	9	16	-4	77	1
	348	TANTA	220	7	20	02	6	0	—	8.0	13	10	17	-3	82	1
	360	SHEBÎN EL KÔM	250	4	10	01	6	2	Sc	8.8	12	5	17		63	Rain
	354	ZAGAZIG	220	1	10	02	0	0	—	8.3	13	11	18	-2	88	1
	441	ISMA'ILÎA														
CAIRO AREA	366	CAIRO (A)	290	16	12	02	2	4	Cu	9.5	14	8	16		67	dr
	372	CAIRO ALMÂZA (A)	230	14	15	01	2	4	Sc, Cu	9.8	14	8	17	-3	67	dr
	374	CAIRO EZBEKÎYA											17	-3		
	375	GIZA	270	1	10	01	8	1	Cu	10.3	13	9	17	-2	77	dr
	378	HELWÂN	250	20	4	01	2	0	—	10.0	13	7	15	-4	67	dr
UPPER EGYPT	381	FAYOÛM	[illegible]	12	20	01	1	4	Cb	10.7	13	8	18	-3	72	0
	387	MINYA (A)	300	3	6	02	0	0	—	11.5	12	3	20	-1	55	0
	393	ASYOÛT (A)	240	5	10	02	0	0	—	13.1	14	3	18	-3	48	0
	399	NAG' HAMÂDI	00	0		02	0	2	Ac	15.0	11	7	20	-2	77	0
	402	QENA	270	2		00	0	0	—	13.9	12	8	20	-3	77	0
	405	LUXOR (A)	00	0	12	02	0	0	—	13.9	12	5	19		63	0
	414	ASWÂN	340	4	14	02	0	0		14.3	16	1	22	2	36	0
OASES	417	SÎWA	260	13	14	01	1	2	Sc	11.8	12	7	16	-4	72	0
	420	BAHARÎYA	290	4	10	02	1	0	—	12.7	11	5	19	-2	67	0
	423	FARAFRA	270	2	12	02	0	0	—	15.3	12	0	18		44	0
	432	DAKHLA	270	9	5	02	0	0	—	15.9	13	4	19	-3	55	0
	435	KHARGA	00	0	8	02	0	0	—	13.4	14	1	21	2	42	0
RED SEA	450	SUEZ	160	2	10	01	0	3	Cu	10.3	16	8	18	-2	59	0
	459	TÔR														
	462	HURGHÂDA	310	8	10	02	0	1	Cu	11.9	14	3	23	+3	48	0
	465	QUSEIR	270	15	20	02	0	0	—	10.7	18	3	25	+2	37	0
	641	PORT SÛDÂN	00	0	20	01	0	1	Sc	9.2	25	23	29		89	0
NORTH SUDAN	600	WÂDI HALFA	350	9	20	02	0	0	—	10.7	15	1	21		39	0
	640	ABU HAMAD	310	9	22	02	0	0	—	10.9	22	1	30		25	0
	660	KAREIMA														
	680	'ATBARA	340	8	20	01	1	0	—	9.0	27	1	35		19	0
	721	KHARTOÛM	320	7	5	06	1	6	Cs	10.0	25	3	33		24	0
	730	KASSALA	00	0	20	02	2	7	Cs	8.2		8	36			
CENTRAL SUDAN	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	350	7	20	01	2	1	Ci	8.5	22	-3	32		19	0
	760	EL FASHER	10	6	30			3	Cs	9.9	23	3	30		27	0
	770	GENEINA	30	6	5	05	2	2	Ci	11.5	21	1	29		27	0
S. SÛDÂN	840	MALAKÂL	360	2	20	02	2	7	Cs	6.5	29	9	37		29	0
	880	WÂU	00	0	20	01	2	4	Cs	4.4	30	17	37		46	0
	941	JUBA	00	0	20	04	2	2	Ac	5.5	27	15	35		48	0
			33341		29	618	80	440	96216		048	54	874	XX	242	02

At 0600 on WEDNESDAY 30th JANUARY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Last 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	270	15	10	20	5	8	Cu, Sc, As	9.0	-8.3	9	3	9	0	67	0.2	219	
303	SÎDI BARRÂNI	350	24	14	80	8	8	Cb	7.1		12	8	7		77	10	191	
306	MATRÛH (A)	240	27	12	02	2	8	Sc	6.1	-11.5	8	6	8		88	3	146	
309	EL DAB'AA	220	16	10	00	0	8	Ac	[illegible]		8	3	7		71	0	123	
319	ALEXANDRIA	220	14	10	05	4	7	Cu, Sc, Ac	6.0	-12.3	10	6	4	-6	76	1	190	144
318	ALEXANDRIA (A)	230	30	8	03	0	6	Sc, Ac, Cs	5.8	-12.0	9	7	9	0	88	1	149	107
330	DAMIETTA	200	9		03	2	8	Ac	6.7	-10.5	[illegible]	7	6	-2	94	6	150	69
333	PORT SA'ÎD (A)	210	30	10	01	0	1	Sc	7.1	[illegible]	[illegible]	7	10	-1	77	1		
336	EL 'ARÎSH																	
339	DAMANHÛR	230	19	10	02	1	8	As	7.0	-10.8	10	6	8	+1	76	1	89	62
342	MANSÛRA	220	3		01	1	2	Sc, Cu	6.6	-10.8	9	7	8	+1	88	1	52	29
348	TANTA	220	15	20	03	2	8	As	8.4	-9.6	10	6	7	+1	76	1	52	23
360	SHEBÎN EL KÔM	220	5	10	01	6	1	Cu	8.0	-10.2	10	6	10		76	2	36	
354	ZAGAZIG	220	2	10	02	0	0	—	7.3	-9.1	9	7	7	+1	88	1	35	15
441	ISMA'ILÎA																	
366	CAIRO (A)	250	10	7	05	6	3	Sc	9.1		9	6	8		82	dr	28	
372	CAIRO ALMÂZA (A)	200	18	12	02	2	5	Sc	9.7	-9.2	9	5	8	-1	76	1	30	
374	CAIRO EZBEKÎYA										10	6	8	0	76	0.2	31	14
375	GIZA	220	7	10	01	—	3	Ac, Cs	10.3	-8.0	9	6	8	+3	82	0.6	30	15
378	HELWÂN	180	12	10	02	2	6	Ci	10.3	-8.7	8	6	7	-1	88	2	21	15
381	FAYOÛM	240	6	20	03	1	3	St	11.2	-7.5	10	6	7	+1	76	0	8	4
387	MINYA (A)	170	7	6	01	0	0		11.6	-8.7	8	2	5	+1	66	0	dr	
393	ASYOÛT (A)	190	12	14	03	0	2	Ac	13.6	-6.3	11	0	9	+3	47	0	dr	
399	NAG' HAMÂDI	00	0		02	0	3	Ac	15.5	-5.1	12	3	6	+1	55	0	1	
402	QENA		2	10	00	0	0	—	15.9	-2.5	10	6	4	-3	76	0	dr	
405	LUXOR (A)	180	7	22	02	0	0	—	15.2	-3.3	12	3	6		55	0	0	
414	ASWÂN	00	0	12	02	0	0	—	16.8	-1.8	11	2	6	-4	54	0	0	
417	SÎWA	180	8	10	02	2	8	Ns, As	10.6	-9.6	9	4	9	+5	71	0.3	22	6
420	BAHARÎYA	220	9	4	40	4	0	—	11.9	-7.5	8	4	7	+2	76	0	2	5
423	FARAFRA	280	6	7	05	0	0	—	15.3		9	0	7		54	0	0	
432	DAKHLA	100	3	14	02	0	0	—	17.4	-2.4	5	0			70	0	1	
435	KHARGA	120	3	12	03	0	1	Cu	14.4	-4.7	8	2	4	-2	66	0	3	
450	SUEZ	00	0	20	00	0	4	Cu	9.9	-8.0	14	5	9	0	55	0	22	10
459	TÔR																	9
462	HURGHÂDA	300	7	20	02	0	1	Cu	12.8	-5.1	15	2	9	0	42	0	dr	
465	QUSEIR	270	4	20	02	0	0	—	14.3	-2.7	16	6	11	3	52	0	0	4
641	PORT SÛDÂN	360	15	20	02	2	6	St			23	19	21		79	0		
600	WÂDI HALFA	180	3	13	05	0	0	—	18.3		9	0	6		54	0		
640	ABU HAMAD																	
660	KAREIMA	20	6	21	02	0	0	—	16.7		12	0	10		44	0		
680	'ATBARA																	
721	KHARTOÛM	360	12	18	05	0	2	Ci	14.0		16	1	15		36	0		
730	KASSALA	00	0	20	03	0	7	Cs	12.0		19	4	12		37	0		
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID	350	11	20	02	0	0	—	14.6		15	-1	13		34	0		
760	EL FASHER	330	3	10	05	0	4	Cs	16.6		11	3	9		58	0		
770	GENEINA	60	8	20	05	0	0	—	17.0		13	-1	10		38	0		
840	MALAKÂL																	
880	WÂU	360	3	20	02	8	7	Cs	9.9		25	17	16		61	0		
941	JUBA	180	7	20	04	1	5	Ac, Cs	9.5		27	18	22		59	0		

SHIP REPORTS in code

* ⊜ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Harghada	
DATE	30-1		30-1		30-1		30-1		30-1		30-1		30-1		30-1		30-1	
TIME	14		14		14		14		14		14		14		14		[illegible]	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	[illegible]	
300 m	330	37	220	26	240	29	270	27	250	13	280	16	280	25	270	29	[illegible]	
600 m	320	34	210	30	250	38	270	40	250	17	270	15	290	30	290	[illegible]	[illegible]	
1000 m					260	30	270	38	250	17	260	11	290	30			290	[illegible]
1500 m									260	17	260	15	270	44			[illegible]	
2100 m									270	26	250	17					270	[illegible]
2400 m									260	20	240	17					[illegible]	
3000 m																		
4000 m																		
5000 m																		
6000 m																		

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga	
DATE	31-1		31-1		31-1		31-1		31-1		31-1		[illegible]		[illegible]	
TIME	2		2		2		2		2		3		3		[illegible]	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	320	27	310	10	300	23	290	19	340	6			310	27	[illegible]	[illegible]
600 m	320	25	250	7	280	23	310	26	310	13	320	20	310	17	300	11
1000 m	320	40			310	24	310	23	320	23	320	20	340	20	[illegible]	[illegible]
1500 m	320	19			300	24	310	11	300	23	300	[illegible]				
2100 m					300	[illegible]			290	27						
2400 m					280	27			290	30						
3000 m																
4000 m																
5000 m																
6000 m																

STATION	Sallouem		Alex. (A)		P. Said		Helouan		Minya		Asyout		Luxor		Aswan		[illegible]		[illegible]		[illegible]	
DATE	31-1		31-1		[illegible]		31-1		31-1		31-1		31-1		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	8		8		8		6 15		8		8		8		8		[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR	SPEED	DIR	SPEED	[illegible]	[illegible]	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
300 m	320	30	310	21	280	31	180	4	280	20	280	8	320	10	300	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m	330	29	310	27	270	35	350	3	280	19	310	9	320	[illegible]	320	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m	330	19			270	39			280	17	300	20	310	17	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m	320	21			270	32			260	12			330	[illegible]	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m													340	24					[illegible]	[illegible]		
2400 m													[illegible]	24					[illegible]	[illegible]		
3000 m													340	22								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh																					
DATE	30-1																					
TIME	15																					
	ALT. m	TEMP	HUM	WIND		ALT. m	TEMP	HUM %	WIND DIR		ALT. m	TEMP	HUM	WIND		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Surface						25	14															
[illegible] mb						84	13															
[illegible] mb																						
[illegible] mb																						
[illegible] mb						1024	6															
[illegible] mb																						
[illegible] mb						3401	10															
[illegible] mb																						
[illegible] mb						5471	-19															
[illegible] mb						7033	-31															
[illegible] mb						8736	-47															
[illegible] mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north.
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

WEATHER REPORT

METEOROLOGICAL DEPT. — CAIRO

THURSDAY 31st JANUARY, 1957

EXPLANATIONS OF CODE FIGURES

WEATHER "WW"

[illegible]	intermittent	slight
	continuous	
	intermittent	moderate
	continuous	
	intermittent	thick
	continuous	
[illegible] drizzling, slight		
	moderate or thick	
[illegible] rain, slight		
	moderate or heavy	
[illegible] drizzling intermittent		slight
	continuous	
	intermittent	moderate
	continuous	
	intermittent	heavy
	continuous	
[illegible] drizzle, slight		
	moderate or heavy	
[illegible] drizzle and snow, slight		
	" moderate or heavy	
Intermittent fall of snow flakes		slight
Continuous " " "		
Intermittent " " "		moderate
Continuous " " "		
Intermittent " " "		heavy
Continuous " " "		
Ice needles		
Diamond snow		with or without fog
Isolated star like snow crystals		
Ice pellets		
Rain shower (s), slight		
	moderate or heavy	
	violent	
Shower (s) of rain and snow, slight		
	" moderate or heavy	
Snow shower (s), slight		
	moderate or heavy	
Shower (s) of soft hail with or without rain		slight
[illegible] and snow mixed		moderate
Shower (s) of hail with or without rain or rain and snow mixed, not with thunder		slight
		moderate
Slight rain	Thunderstorm during preceding hour but not at time of observation	
Moderate or heavy rain		
Slight snow *		
Moderate or heavy snow *		
Thunderstorm slight or moderate without hail	Thunderstorm at time of observation	
" " with "		
heavy without hail		
" with duststorm or sandstorm		
" heavy with hail		

* or rain and snow mixed

CLOUD FORM

- Ci Cirrus
- Cs Cirrostratus
- Cc Cirrocumulus
- Ac Altocumulus
- As Altostratus
- Sc Stratocumulus
- Ns Nimbostratus
- Cb Cumulonimbus
- Fc Fracto-cumulus
- Fs Fracto-stratus
- Cu Cumulus
- St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

LIBRARY
MAY 7 1957
METEOROLOGICAL DEPARTMENT

GENERAL FORECAST from noon today to noon tomorrow:

Cold weather still prevails all over the Republic. Low clouds increasing over Lower Egypt and Cairo with scattered rain. Mod./fresh NW'ly winds. In Upper Egypt: Light/fresh NW'ly winds. Some low clouds in the northern part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 47 U.T. / Sunset 15 31 U.T. }

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 30th — At 1800 on 30th — At 0600 on THURSDAY 31st JANUARY, 1957

At 1200 on 30th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	3-0	12	16	03	5	8	Sc,cs	11.2	15	6	52
	303	SÎDI BARRÂNI	350	22	15	02	2	8	cb	9.3	15	11	77
	306	MATRÛH (A)	330	27	12	01	5	7	NS	7.2	13	8	63
	309	EL ḌAB'AA	320	19	10	02	8	8	cu	4.1	14	10	71
	319	ALEXANDRIA	310	25	20	02	8	7	cu,Sc	1.4	15	9	78
	318	ALEXANDRIA (A)	310	26	8	25	8	8	Sc	0.1	14	12	88
	330	DAMIETTA	200	19	10	02	2	8	AC	5.8	12	3	55
	333	PORT SA'ÎD (A)	230	33	4.5	01	0	1	Sc	5.1	13	4	55
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	200	19	4	60	3	8	AC,AS	4.4	14	7	63
	342	MANṢÛRA	220	9	3	35	[illegible]	—		[illegible]	[illegible]	[illegible]	[illegible]
	348	ṬANṬA	220	25	20	60	6	8	Sc	6.6	10	6	76
	360	SHEBÎN EL KÔM	250	19	3	34	3	—	—	7.6	12	4	51
	354	ZAGAZIG	210	2	20	02	2	8	Sc	6.9	13	7	67
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	270	24	5	32	3	8	Sc	6.5	13	5	41
	372	CAIRO ALMÂZA (A)	220	30	3	07	3	9	—	7.3	14	-1	36
	374	CAIRO EZBEKÎYA											
	375	GIZA	230	14	10	07	—	—	—	7.9	13	2	48
	378	ḤELWÂN	220	22	3	05	4	8	AS	8.2	13	1	44
UPPER EGYPT	381	FAYOÛM	240	9	20	32	3	8	st	9.3	15	2	42
	387	MINYA (A)	270	17	4	03	4	8	AC,AS	11.0	15	-2	32
	393	AṢYOÛT (A)	270	24	0.8	32	3	1	cu	11.4	18	-4	22
	399	NAG' HAMÂDI	290	2		01	2	4	AC,ci	12.7	21	-3	20
	402	QENA	270	4	10	00	0	0	—	12.8	19	1	36
	405	LUXOR (A)	230	17	12	01	0	1	cu	12.1	21	-11	11
	414	ASWÂN	270	14	15	03	0	2	ci	13.2	21	-4	18
OASES	417	SÎWA	330	14	4.7	02	1	4	NS	12.6	14	6	59
	420	BAḤARÎYA	240	11	4	03	3	6	—	11.4	14	5	55
	423	FARAFRA	280	26	0.8	31	3	7	—	14.4	16	0	34
	432	DAKHLA	290	17	5	[illegible]	3	[illegible]		15.2	[illegible]	1	24
	435	KHARGA	300	12	6	07	0	0	—	12.3	23	-8	14
RED SEA	450	SUEZ	240	2	50	03	0	6					
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	260	11	20	03	0	1	Sc,cu,cs	11.2	22	-2	20
	641	PORT SÛDÂN	30	13	16	05	1	1	Sc,cs	9.9	26	21	74
NORTH SUDAN	600	WÂDI ḤALFA	340	17	20	03	0	2	ci	15.0	21	0	25
	640	ABU ḤAMAD	340	9	20	02	0	0	—	11.5	23	-5	15
	660	KAREIMA	50	12	18	07	0	0	—	12.8	23	-5	15
	680	'AṬBARA	350	11	13	07	0	1	ci	9.5	26	-2	16
	721	KHARṬOÛM	360	15	18	05	0	1	ci	9.3	27	-3	14
	730	KASSALA	10	4	20	02	2	7	cs	5.0	33	0	12
CENTRAL SUDAN	751	WÂD MEDANI	360	13	10	02	2	3	ci		29	1	17
	801	RENK	310	9	20	02	1	4	AC	8.8	30	6	22
	802	ROSEIRES	310	5	20	0[illegible]	1	8	cs	4.6	33	6	19
	771	EL OBEID	20	10	20	03	1	7	cs	9.1	27	-3	14
	760	EL FASHER	40	3	28	05	2	7	cs	8.5	27	2	20
	770	GENEINA	140	2	30	02	0	1	cs	9.8	27	-1	16
S. SÛDÂN	840	MALAKÂL	50	7	10	05	2	7	cs	6.5	33	2	14
	880	WÂU	310	4	20	02	2	7	cs	5.7	33	6	19
	941	JUBA	310	11	20	04	2	6	cb	4.0	33	16	38

At 1800 on 30th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	270	14	12	01	1	5	Sc	14.3	12	6	16	-3	67	0.3
303	SÎDI BARRÂNI	320	15	12	02	5	8	cu,Sc	12.8	13	8	16		72	1
306	MATRÛH (A)	320	13	16	01	1	3	Sc	12.4	12	7	16		72	0.2
309	EL ḌAB'AA	340	14		00	2	6	cu	10.1	13	7	15		67	10
319	ALEXANDRIA	360	24	20	01	6	1	cu	9.3	14	10	16	-2	77	1
318	ALEXANDRIA (A)	340	20	10	02	8	6	cu	9.1	14	10	16	-2	77	1
330	DAMIETTA	200	2		01	5	3	cu	5.5	10	10	13	-5	97	0.5
333	PORT SA'ÎD (A)	250	16	8	02	6	8	AC,AS	4.7	12	10	14	-4	88	dr
336	EL 'ARISH														
339	DAMANHÛR	330	5	10	01	6	2	cu	7.8	13	9	15	-5	77	2
342	MANṢÛRA	300	6	1	03	5	6	cb	7.0	10	8	13	-7	88	dr
348	ṬANṬA	220	3	20	02	6	0	—	7.5	10	10	12	-8	97	2
360	SHEBÎN EL KÔM	250	9	10	01	6	4	cb	7.4	10	6	13		76	0
354	ZAGAZIG	220	1	16	03	1	0	cu	7.2	11	11	14	-6	97	2
441	ISMA'ILÎA														
366	CAIRO (A)	300	20	10	60	6	8	st	9.9	11	9	14		88	2
372	CAIRO ALMÂZA (A)	250	21	8	60	6	6	Sc,cu	9.8	12	8	14	-6	77	2
374	CAIRO EZBEKÎYA											15	-5		
375	GIZA	240	7	6	81	5	7	cu	10.3	11	9	14	-5	88	1
378	ḤELWÂN	250	13	3	05	6	8	AC,AS	10.4	10	8	13	-6	88	2
381	FAYOÛM	240	6	20	21	6	8	cb	11.2	12	6	15	-6	61	1
387	MINYA (A)	300	9	4	03	2	5	AC,AS	12.8	13	1	16	-5	44	0
393	AṢYOÛT (A)	270	1	6	01	3	0	—	15.2	13	1	19	-6	44	0
399	NAG' HAMÂDI	00	0		01	6	2	AS	15.1	12	5	21	-1	63	0
402	QENA	290	4		00	0	0	—	14.2	14	-1	19	-4	36	0
405	LUXOR (A)	280	6	12	02	0	0	—	13.9	13	1	21		44	0
414	ASWÂN	310	7	10	02	0	0	—	15.0	17	-5	22	-2	22	0
417	SÎWA	340	14	11	03	6	5	NS	16.0	13	8	16	-4	72	0
420	BAḤARÎYA	240	5	4	05	3	—	—	13.7	11	6	16	-5	71	0
423	FARAFRA	250	4	10	00	1	0	—	17.3	10	3	16		62	0
432	DAKHLA	320	12	5	03	3	3	ci	17.0	14	3	18	-4	48	0
435	KHARGA	350	1	5	02	0	0	—	14.3	14	-2	22	-1	34	0
450	SUEZ	240	3	10	60	6	4	cu	9.4	12	5	18	-2	63	dr
459	TÔR														
462	HURGHÂDA	300	18	12	01	0	0	—	11.6	16	1	23	+3	36	0
465	QUSEIR	260	14	20	01	0	0	—	12.1	19	-3	26	+3	23	0
641	PORT SÛDÂN	360	12	20	01	2	1	Sc	12.6	27	19	27		62	0
600	WÂDI ḤALFA	310	8	20	02	0	2	ci	15.9	15	-3	21		30	0
640	ABU ḤAMAD	340	2	22	02	0	0	—	14.6	17	-2	23		28	0
660	KAREIMA	360	2	21	03	0	0	—	14.9	17	-2	23		28	0
680	'AṬBARA											26			0
721	KHARṬOÛM	240	7	18	05	0	0	—	11.9	21	-1	27		23	0
730	KASSALA		1	20	01	2	0		9.1	23	7	34		36	0
751	WÂD MEDANI											30			
801	RENK											31			
802	ROSEIRES														
771	EL OBEID	360	7	20	01	2	5	cs	12.1	19	-2	27		24	0
760	EL FASHER	60	3	16	05	2	7	cs	11.0	23	4	30		29	0
770	GENEINA														
840	MALAKÂL	90	6	20	02	2	7	cs	8.8	26	4	35		25	0
880	WÂU	270	2	20	01	2	3	cs	7.7	27	7	34		28	0
941	JUBA	00	0	20	13	1	1		6.6	27	16	35		52	0

At 0600 on THURSDAY 31st JANUARY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud * Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	270	16	16	02	2	5	cu,Sc,Ac	14.4	-2.9	9	1	8	-1	58	3	222	
303	SÎDI BARRÂNI	310	22	15	25	8	7	cb	17.3		11	4	8		63	6	197	
306	MATRÛH (A)	260	8	5	50	5	8	st	16.2	-1.3	8	7	7		94	10	156	
309	EL ḌAB'AA	320	12	10	01	0	7	cu	14.3		12	5	8		63	13	136	
319	ALEXANDRIA	310	24	20	03	6	5	cu,Sc	14.2	-4.0	13	4	11	+1	55	2	191	145
318	ALEXANDRIA (A)	320	18	10	25	8	6	cu,Sc	13.4	-4.4	12	6	10	+1	67	2	151	108
330	DAMIETTA	200	5		01	1	2	cu	12.3	-4.8	10	8	7	-1	88	0.5	151	70
333	PORT SA'ÎD (A)	250	23	12	02	0	1	cu	11.8	-6.1	11	8	9	-2	82	0.1		
336	EL 'ARISH																	
339	DAMANHÛR	260	2	10	21	1	3	cu	13.8	-3.9	11	7	8	+1	77	3	92	62
342	MANṢÛRA	270	3	3	03	1	5	Sc,cu	13.4	-3.9	10	6	8	+1	76	dr	52	29
348	ṬANṬA	220	7	20	03	6	5	cu	14.0	-4.0	10	8	6	0	88	2	94	23
360	SHEBÎN EL KÔM	220	5	10	01	6	4	Sc	14.2	-4.0	10	8	9		88	3	39	
354	ZAGAZIG	220	2	10	03	1	8	Sc	13.6	-4.7	9	9	8	+2	97	2	37	15
441	ISMA'ILÎA																	
366	CAIRO (A)	260	8	10	02	2	7	Sc	14.7		10	8	9		88	3	31	
372	CAIRO ALMÂZA (A)	220	11	10	02	2	7	Sc	14.5	-4.4	10	6	9	0	76	2	32	
374	CAIRO EZBEKÎYA										10	7	10	+2	82	1	32	14
375	GIZA	00	0	8	01	—	6	Sc,AC	15.5	-2.7	9	8	9	+4	94	1	31	15
378	ḤELWÂN	00	0	10	02	2	8	st,AC,AS	15.8	-3.1	9	7	8	0	88	2	23	15
381	FAYOÛM	240	4	20	01	2	0	—	16.6	-2.0	9	7	7	+1	88	1	9	4
387	MINYA (A)	300	9	10	02	2	1	Sc	17.2	-3.1	9	5	7	+3	76	dr	dr	
393	AṢYOÛT (A)	310	7	8	02	0	5	Sc	18.9	-0.9	10	3	9	+3	62	0	dr	
399	NAG' HAMÂDI	00	0		02	0	2	AS,ci	18.8	+0.3	12	5	5	0	63	0	1	
402	QENA	290	5	10	02	0	0	—	18.5	-0.8	8	5	6	+1	82	0	dr	
405	LUXOR (A)	270	6	16	02	0	4	cs	18.3	-0.1	11	4	7		63	0	0	
414	ASWÂN	190	4	10	02	0	0	—	19.2	+0.6	10	1	7	-3	54	0	●	
417	SÎWA	320	12	15	02	0	0	—	20.4	+0.3	7	3	7	+3	76	dr	22	6
420	BAḤARÎYA	290	5	10	02	0	0	—	18.5	-0.8	8	5	6	+1	82	0	2	5
423	FARAFRA	270	2	15	02	0	0	—	22.4		9	4	6		71	0	dr	
432	DAKHLA	330	3	5	02	0	0	—	21.4	+1.6	8	3	5	0	71	0	1	
435	KHARGA	00	0	10	03	1	7	Sc	18.4	-0.6	11	4	7	+1	63	0	3	
450	SUEZ	270	1	20	00	0	6	cu	13.8	-4.1	13	7	8	-1	67	dr	22	10
459	TÔR																	9
462	HURGHÂDA	310	14	7	05	0	3	Sc	15.2	-2.7	14	4	11	+2	52	0	dr	
465	QUSEIR	270	10	20	03	0	1	AS	15.4	-1.5	14	2	10	-4	45	0	0	4
641	PORT SÛDÂN	350	12	20	03	0	5	Sc	14.7		22	13	20		57	0		
600	WÂDI ḤALFA	50	3	8	05	0	0	—	21.1		10	-1	6		47	0		
640	ABU ḤAMAD	340	5	24	02	0	0	—	18.3		13	-3	9		34	0		
660	KAREIMA	10	5	11	02	0	0	—	19.5		10	-2	8		44	0		
680	'AṬBARA	350	12	20	03	0	1	ci	17.1		14	-3	12		32	0		
721	KHARṬOÛM	350	13	20	03	0	4	ci	17.1		15	-2	13		32	0		
730	KASSALA	10	5	20	03	1	7	st,AC,cs	15.1		17	-1	11		30	0		
751	WÂD MEDANI	360	9	20	02	1	3	ci	17.4		15	-4	9		27	0		
801	RENK	360	9	20	02	1	4	AC	16.4		18	3	14		37	0		
802	ROSEIRES																	
771	EL OBEID	360		20	03	0	6	cs	17.2		14	-5			27			
760	EL FASHER	340	10	24	02	2	7	cs	19.0		13	-6	9		26	0		
770	GENEINA																	
840	MALAKÂL	20	13	20	02	2	7	cs	14.0		19	-1	18		26	0		
880	WÂU	360	1	20	03	2	7	cs	13.5		21	8	18		44	0		
941	JUBA	180	2	20	04	2	6	AC	11.8		25	18	21		65	0		

SHIP REPORTS in code

1200/1800: 43340 29712 40520 98018 04015 29300 4 3341 28218 33215 98028 00813 34400 651xx 05800

0600: 53344 25706 33437 98020 16611 32400 64xxx 06102 13457

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Baharcya		Farafra		Dakhla		Kharga		Harghada	
DATE	31-1		31-1		31-1		31-1		31-1		31-1		31-1		31-1		31-1		31-1		31-1	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	10	270	30	290	21	290	17	300	8	340	10	310	17	320	18	330	14	320	22	290	17
600 m.	320	9	280	39	280	20	300	23	300	11	340	12	310	17	320	20	330	17	330	21	290	15
1000 m.			270	40	280	19	300	23	300	11	340	12	300	27	320	18	320	19	320	9	290	7
1500 m.			290	17	290	19	310	16	310	14	340	15	300	32	300	7					290	15
2100 m.					280	27			300	13	330	20	300	56								
2400 m.									290	14	310	18										
3000 m.											280	19										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P.Said		Minya		Aswan		Dakhla		Kharga													
DATE	1-2		1-2		1-2		1-2		1-2													
TIME	2		2		3		4		3													
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	26	290	23	320	15	320	22	330	15												
600 m.	270	40	300	30	340	21	300	21	340	20												
1000 m.	290	35	300	23	330	23	350	30	340	25												
1500 m.			310	29	310	18																
2100 m.			320	31	310	22																
2400 m.			290	13	300	34																
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Baharcya		Farafra		Dakhla		Kharga		Harghada	
DATE	1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	320	30	250	25	290	16	310	15	330	7	200	10	300	20	320	16	310	14	40	3	300	27
600 m.	330	32	260	23	300	16	300	33	320	14	200	17	310	20	340	18	340	19	350	18	300	27
1000 m.			280	35	300	16	320	18	320	13	220	11	320	24	320	17	340	26	350	22	300	21
1500 m.			300	28	300	16	320	23	330	26	260	3	320	24	330	16					320	16
2100 m.					310	11			10	13	340	4	330	27	340	15					320	12
2400 m.					340	15			20	26			330	29	330	19						
3000 m									70	25			330	30								
4000 m									120	32												
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 1st FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST from noon today to noon tomorrow:

Cold weather still prevails all over the Republic. Low clouds increasing at times over Lower Egypt and Cairo with scattered rain. Winds mainly fresh NW. In Upper Egypt: Some low clouds and rain in the northern part. Moderate NW'ly winds.

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 45 U.T. / Sunset 15 33 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 31/1 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Relative Humidity %
62300 SALLOÛM	350	17	16	01	6	7	Sc	20.3	13	1	44
303 SÎDI BARRÂNI	350	25	15	01	6	7	Cb	20.3	13	6	63
306 MATRÛḤ (A)	270	16	10	62	6	8	NS	17.5	12	4	59
309 EL ḎAB'AA	320	12	17	02	6	8	Cu	15.3	10	6	76
319 ALEXANDRIA	310	20	20	02	6	5	Cu,Sc	14.3	13	4	55
318 ALEXANDRIA (A)	320	22	10	25	8	7	Cu,Sc	13.9	13	6	63
330 DAMIETTA	200	9	10	03	0	5	Cb	12.3	14	5	55
333 PORT SAÏD (A)											
336 EL 'ARISH											
339 DAMANHÛR	330	9	10	03	1	4	Cu	14.8	13	7	67
342 MANŞÛRA	320	5	3	03	5	5	Cu	13.4	14	5	55
348 ṬANṬA	240	5	20	03	6	7	Cu	14.7	14	10	77
360 SHEBÎN EL KÔM	250	9	20	01	1	4	Cu	14.2	15	7	59
354 ZAGAZIG											
441 ISMA'ÎLÎA											
366 CAIRO (A)	300	10	8	03	5	4	Cu,Sc	15.4	9	9	47
372 CAIRO ALMÂZA (A)	270	10	20	62	5	7	Sc	15.2	10	9	94
374 CAIRO EZBEKÎYA											
375 GIZA	200	7	10	80	8	7	Cu	15.8	13	9	77
378 ḤELWÂN	270	18	20	02	8	8	Cb	15.6	13	7	67
381 FAYOÛM	240	4	20	58	6	5	ST	16.2	15	7	59
387 MINYA (A)	320	15	6	03	1	5	Sc	16.2	17	0	32
393 AṢYOÛṬ (A)	300	14	14	02	0	4	Cu	15.1	17	0	32
399 NAG' ḤAMÂDI	290	1	4	03	2	6	Ac,cs	17.2	17	9	60
402 QENA	270	6	10	03	1	4	Ci	16.6	18	6	46
405 LUXOR (A)	320	13	14	02	2	5	Cu	16.7	18	6	46
414 ASWÂN	360	4	14	03	0	5	Sc	17.4	18	6	46
417 SÎWA	320	22	16	03	1	5	Cu	21.0	14	1	42
420 BAḤARÎYA	290	11	4	09	3	7	Sc	17.3	15	6	55
423 FARAFRA	280	25	09	32	0	2	Sc	20.8	16	-2	30
432 DAKHLA	340	15	12	03	0	1	Ci	20.2	17	-8	18
435 KHARGA	340	1	12	01	0	1	Cu	17.5	19	-2	24
450 SUEZ											
459 TÔR											
462 HURGHÂDA											
465 QUSEIR	20	6	20	03	0	1	Ci	14.9	20	6	41
641 PORT SÛDÂN	40	13	15	05	1	1	Ac	12.3	25	15	54
600 WÂDI ḤALFA	340	12	13	05	0	1	Ci	19.0	18	-2	26
640 ABU ḤAMAD	340	5	20	02	0	0	—	15.6	21	-5	17
660 KAREIMA	20	10	20	03	0	1	Ci	16.5	21	-4	18
680 ÁṬBARA	10	14	8	07	0	1	Cu	13.4	23	-6	14
721 KHARTOÛM	340	13	18	05	1	2	cs	13.0	23	-6	14
780 KASSALA	10	3	20	03	1	5	cs	9.1	29	4	20
751 WÂD MEDANI	360	9	20	02	1	2	cs	11.9	25	-5	14
801 RENK	90	13	20	02	1	1	Ac	12.0	27	4	23
802 ROSEIRES	310	5	20	02	0	1	Ci	8.0	30	3	18
771 EL OBEID	20	18	15	07	1	5	cs	12.0	24	-7	13
780 EL FASHER	340	13	16	06	2	5	cs	12.7	23	-6	14
770 GENEINA	50	15	10	06	2	0	—	13.8	22	-9	12
840 MALAKÂL	20	13	20	01	2	7	Ci	9.3	30	-4	11
880 WÂU	20	4	20	02	2	7	cs	7.2	32	4	17
941 JUBA	310	6	20	04	1	3	Cu,Ac	6.3	33	13	30

53 344 244 12 3 3515 9 8020 208 11 324 00

At 1800 on 31/1 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOÛM	270	10	12	02	2	6	Cu,Sc	22.5	10	4	14	-5	67	0.3
303 SÎDI BARRÂNI	330	21	12	51	5	5	NS	21.4	11	5	13		67	dr
306 MATRÛḤ (A)	330	24	10	03	2	7	Cu,Sc	19.8	11	-5	12		33	3
309 EL ḎAB'AA	340	16	4	01	2	4	Cu	17.4	10	3	13		62	4
319 ALEXANDRIA	310	32	20	01	6	4	Cu,Sc	17.0	12	3	14	-4	55	0.2
318 ALEXANDRIA (A)	360	30	·		2	4	Cu,Sc	16.8	11	2	15	-3	54	0.5
330 DAMIETTA	290	9	4	01	1	2	Cu	14.3	11	4	15	-3	63	0
333 PORT SAÏD (A)	280	29	10	01	8	1	Sc	14.5	11	4	16	-2	63	1
336 EL 'ARISH														
339 DAMANHÛR	40	5	4	01	6	2	Cu	16.9	10	8	14	-6	88	0.3
342 MANŞÛRA	00	0		03	5	6	NS	16.0	9	4	15	-5	71	1
348 ṬANṬA	220	3	20	02	6	0	—	16.8	7	5	15		87	3
360 SHEBÎN EL KÔM	250	5	10	01	6	4	Sc	16.3	10	6	15		76	4
354 ZAGAZIG	220	1	10	03	1	8	Cu	15.9	10	8	17	-3	88	2
441 ISMA'ÎLÎA														
366 CAIRO (A)	300	14	12	02	6	8	ST	17.4	9	6	14		82	1
372 CAIRO ALMÂZA (A)	250	11	10	03	2	8	Cu,Sc	17.5	10	5	14	-6	71	2
374 CAIRO EZBEKÎYA											16	-4		
375 GIZA	270	3	10	01	8	6	Cu	18.0	9	7	15	-4	88	3
378 ḤELWÂN	320	4	4	05	2	8	Sc	18.0	10	6	13	-6	76	1
381 FAYOÛM	240	4	20	52	6	8	Cb	18.3	11	5	19	-2	67	dr
387 MINYA (A)	320	12	6	02	0	0	—	18.4	12	-2	18	-3	38	0
393 AṢYOÛṬ (A)	300	8	10	02	0	0	—	19.7	12	-2	18	-3	38	0
399 NAG' ḤAMÂDI	00	0		02	0	2	Ac	19.1	12	3	20	-2	55	0
402 QENA	290	2				0	—	19.0	13	1	18	-5	44	0
405 LUXOR (A)	280	9	12	02	0	0	—	18.7	12	2	19		51	0
414 ASWÂN	360	1	10	01	0	1	Sc	19.0	16	-1	20	-4	32	0
417 SÎWA	340	10	14	01	6	0	—	22.5	10	2	15	-5	58	dr
420 BAḤARÎYA	320	8	10	20	5	0	—	21.9	9	5	16	-5	76	dr
423 FARAFRA	320	6	10	00	0	0	—	23.5	11	-6	16		30	0
432 DAKHLA	290	11	8	02	0	0	—	22.1	12	-10	18	-4	21	0
435 KHARGA	350	2	5	02	0	0	—	19.8	13	-2	19	-4	36	0
450 SUEZ	00	0	10	01	0	0	—	16.3	10	4	18	-2	63	dr
459 TÔR														
462 HURGHÂDA	310	13	10	01	0	1	Cu	16.0	14	-4	20	0	29	0
465 QUSEIR	270	5	20	02	0	1	Ac	16.5	16	3	20	-3	42	0
641 PORT SÛDÂN											26			
600 WÂDI ḤALFA											19			
640 ABU ḤAMAD											22			
660 KAREIMA											22			
680 ÁṬBARA											23			
721 KHARTOÛM														
780 KASSALA											29			
751 WÂD MEDANI											26			
801 RENK											28			
802 ROSEIRES											31			
771 EL OBEID											25			
780 EL FASHER														
770 GENEINA											24			
840 MALAKÂL											32			
880 WÂU											33			
941 JUBA														

SHIPS REPORT IN CODE

At 0600 on FRIDAY 1ST FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperature Dry Bulb °C	Temperature Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300 SALLOÛM	270	10	14	20	5	6	Cu,Sc,Ac	23.2	+6.0	8	5	7	-2	82	1	224	
303 SÎDI BARRÂNI	330	20	15	03	2	8	Sc	21.7		12	6	7		67	2	199	
306 MATRÛḤ (A)	330	20	10	03	2	7	Sc	20.3	+2.8	11	4	7		63	9	165	
309 EL ḎAB'AA	00	0	10	00	1	5	Cu	19.3		11	4	7		63	5	141	
319 ALEXANDRIA	310	28	20	03	8	8	Cu,Sc	18.7	+0.5	10	3	6	-4	62	8	199	147
318 ALEXANDRIA (A)	320	20	6	81	8	8	Cu,Sc	18.4	+0.6	8	6	7	-2	88	3	154	109
330 DAMIETTA	320	13	4	03	6	7	Cu,Sc	15.8	-1.3	11	1	6	-2	51	6	157	71
333 PORT SAÏD (A)	250	25	12	03	8	7	Cb	15.4	-2.5	9	6	7	-5	82	4		
336 EL 'ARISH																	
339 DAMANHÛR	230	2		60	6	7	Cb	18.6	+1.0	8	6			88	4	99	63
342 MANŞÛRA	320	5		03	2	7	NS	17.5	+0.2	7	7	6	-1	97	1	53	30
348 ṬANṬA	90	5	0.5	60	6	8	ST	18.8	+0.9	7	7	3	-3	97	5	89	84
360 SHEBÎN EL KÔM	220	2	10	01	6	4	Sc	18.8	+0.7	8	6	7		88	5	44	
354 ZAGAZIG	270	1	10	03	1	8	Cu	18.9	+0.6	8	6	6	0	88	2	39	16
441 ISMA'ÎLÎA																	
366 CAIRO (A)	300	18	6	60	2	8	ST	19.6		8	6	7		88	1	32	
372 CAIRO ALMÂZA (A)	250	14	10	50	5	7	Cu	19.2	+0.4	8	6	7	-2	88	3	35	
374 CAIRO EZBEKÎYA										8	6	7	-1	88	3	35	15
375 GIZA	290	7	10	80		7	Cu	20.2	+2.1	8	6	7	-2	88	3	34	16
378 ḤELWÂN	270	17	4	50	2	8	Cb	20.3	+1.4	8	6	6	-2	88	1	24	16
381 FAYOÛM	330	6	20	02	2	7	Cb	20.4	+1.9	9	5	7	+1	76	dr	9	5
387 MINYA (A)	310	7	7	03	0	1	Ci	21.4	+1.1	6	1	4	-1	71	0	dr	
393 AṢYOÛṬ (A)	270	4	14	02	0	0	—	23.1	+3.3	6	-1	3	-3	61	0	dr	
399 NAG' ḤAMÂDI	200	2	10	01	0	3		22.7	+4.3	10	-3	5	0	62	0	1	
402 QENA	290	3	10	00	0	0	—	23.4	+5.2	8	3	3	-4	71	0	dr	
405 LUXOR (A)	300	5	12	02	0	0	—	22.5	+4.1	10	4	5		67	0	0	
414 ASWÂN	350	5	12	02	0	0	—	23.5	+4.9	9	-1	8	-2	50	0	0	
417 SÎWA	290	8	15	02	0	0	—	24.4	+4.1	6	1	4	-2	71	dr	22	6
420 BAḤARÎYA	240	9	10	01	1	0	—	23.5	+4.3	6	3	4	1	81	dr	2	5
423 FARAFRA	270	1	14	02	0	0	—	26.4		7	1	5		66	0	dr	
432 DAKHLA	280	3	15	02	0	0	—	26.3	+6.5	4	-2	4	-1	65	0	1	
435 KHARGA	00	0	12	02	0	0	—	23.3	+4.3	8	2	5	-1	66	0	3	
450 SUEZ	00	0	20	00	0	2	Cu	17.6		11	4			63	dr	22	11
459 TÔR																	
462 HURGHÂDA	290	25	10	02	0	1	Cu	18.8	+0.9	12	-1	8	-1	41	0	dr	
465 QUSEIR	280	12	20	02	0	1	Sc,Cu	19.5	+2.7	13	1	10	-4	44	0	0	4
641 PORT SÛDÂN	340	10	10	05	0	1	Sc	17.7		19	9	16		52	0		
600 WÂDI ḤALFA	30	12	8	05	0	0	—	23.8		8	-3	5		46	0		
640 ABU ḤAMAD	360	9	24	02	0	0	—	21.3		11	-1	9		44	0		
660 KAREIMA	10	13	21	02	0	0	—	22.2		11	-1	8		44	0		
680 ÁṬBARA	360	15	10	07	0			19.5		13	-2	9		36	0		
721 KHARTOÛM																	
780 KASSALA	10	4	20	01	0	0	—	17.6		14	-3	8		32	0		
751 WÂD MEDANI	360	9	20	02	0	0		19.4		13	-5	9		29	0		
801 RENK	360		20	02	0	0	—	18.2		16	0	13		34	0		
802 ROSEIRES	50	9	20	02	0	0	—	17.8		16	0	11		34	0		
771 EL OBEID	10	13	20	02	0	0	—	20.3		11	-3			38	0		
780 EL FASHER																	
770 GENEINA	50	15	30	02	0	0	—	22.1		10	-3	9		41	0		
840 MALAKÂL	30	20	20	03	1	5	Ci	16.8		18	-5	16		20	0		
880 WÂU	10	9				1	Ci	15.4		18	1	17		32	0		
941 JUBA																	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla		Kharga		Hurghada			
DATE	1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2		1-2			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	200	36	300	24	320	23	310	9	340	13	320	26	320	13	340	31	340	8	290	21		
600 m.	320	42	300	29	320	14	320	11	320	14	310	18	320	22	340	23	330	8	300	17		
1000 m.					320	14	310	14	330	20	310	27	320	19	340	12	360	15	300	16		
1500 m.					300	25	330	20	320	10	310	26	320	21			350	17				
2100 m.							340	23	310	23	300	27	320	19								
2400 m.							250	16	320	30												
3000 m.							230	9														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Minya		Asyout		Luxor		Aswan		Dakhla		Kharga											
DATE	2-2		2-2		2-2		2-2		2-2		2-2											
TIME	2		2		2		3		4		3											
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	24	300	11	280	11	320	7	340	10	340	5										
600 m	310	26	320	18	280	13	320	10	300	28	320	10										
1000 m.			330	25	310	17	310	9	300	28	310	13										
1500 m.			310	26	350	13	330	4			310	13										
2100 m.			310	29	340	17	330	3														
2400 m.					330	13	50	4														
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2	
TIME	8		6	15	8		8		8		8		8		8	15	8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	18	190	6	310	20	280	12	140	4	330	3	300	33	320	3	320	8	40	5	280	11
600 m.	260	23			290	12	300	17	290	9	330	15	300	34	280	5	320	25	330	10	310	23
1000 m.	270	20			290	18	310	18	310	15	300	10	310	24	280	7			320	16	310	24
1500 m.					310	24	310	26	300	25	310	13	290	10	310	23			270	23	300	26
2100 m.					300	36	300	37	310	31	300	26	290	27	300	11					300	51
2400 m.					300	28			310	34			300	27	300	11					280	31
3000 m.													300	41								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb																				
800 mb																				
700 mb.																				
600 mb.																				
500 mb																				
400 mb																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 2nd FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cold weather still prevails all over the Republic. Low clouds still increasing over Lower Egypt and Cairo with scattered rain. Mod./fresh NWly winds. In Upper Egypt: Some low clouds in the northern part. Mod. NWly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 46 U.T. / " " Sunset 15 32 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 1st											At 1800 on 1st											
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C			
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
00	0	18	02	2	8	cu,sc,as	22.9	14	1	43	260	10	12	02	2	8	cu,sc,as	24.0	10	3	14	-5	62	0
340	21	18	02	2	6	cu,sc	22.5	13	7	67	340	18	16	02	2	6	cu	23.0	11	7	13		77	0
310	22	16	02	2	6	sc	21.5	12	3	55	310	23	12	02	2	6	cu,sc	22.0	11	-1	13		44	0
00	0	10	00	0	0	—	20.1	13	1	44	00	0		00	0	4	cu	21.3	12	8	13		77	0
310	22	20	01	1	6	cb		11	-2	41	310	30	20	01	6	4	cu,sc	19.4	11	4	13	-5	63	0.1
320	22	10	02	8	7	cu,sc	18.5	12	1	47	320	20	12	25	8	7	cu,sc	19.2	10	1	13	-5	54	0.1
340	13	20	01	5	2	cu,sc	16.2	12	0	44	340	9		03	5	6	cu,sc	17.6	11	1	12	-6	51	0.4
330	9	10	02	1	4	cu	18.8	12	5	63	330	5	3	50	5	6	ac,as	19.8	10	6	14	-6	76	0.3
320	15		01	1	3	cb	17.4	11	1	51	270	5		01	1	3	sc,cu	18.2	8	3	13	-7	71	0
310	13	20	03	6	5	cu	19.2	11	4	53	220	5	20	03	6	8	st	19.8	7	0	14	-6	62	1
250	9	20	01	6	4	sc	19.0	12	5	63	250	3	10	01	1	3	sc	19.1	10	6	14		76	2
220	1	20	03	6	8	cu	18.9	12	8	77	220	1	10	01	2	0	—	19.9	8	7	16	-4	94	2
300	25	10	02	6	6	cu,sc	19.3	11	6	71	290	12	10	03	1	3	sc	20.4	9	2	12		62	2
270	18	25	02	6	7	cu,sc	19.8	11	4	63	250	13	10	01	1	1	sc	20.4	9	2	12	-8	62	2
																					13	-7		
290	8	10	80	8	7	sc	20.0	12	8	77	220	2	8	01	8	1	cu	21.1	6	5	13	-6	93	2
290	12	10	50	6	8	cb	19.9	10	3	62	290	4	10	01	6	0	—	21.4	7	5	10	-9	87	0
330	9	20	52	5	7	cb	20.2	14	3	48	330	9	20	58	6	5	cb	21.9	10	6	15	-6	76	2
320	20	7	02	1	5	sc	19.9	17	-3	26	360	7	7	01	2	2	sc	21.6	11	0	18	-3	47	0
290	12	16	03	1	5	cu	21.6	16	-1	32	280	6	10	02	0	1	ac	22.8	12	-2	17	-4	38	0
290	2	10	02	0	4	ac,ci	21.1	17	4	42	00	0		02	0	3	as,ci	21.9	12	0	18	-4	44	0
290	4	20	00	0	0	—	21.0	16	3	42	290	3		00	0	0	—	22.0	10	3	16	-8	62	0
330	11	16	02	0	3	cu	21.1	15	3	45	250	4	12	02	0	0	—	22.5	11	2	16		54	0
180	12	16	02	0	0	—	19.8	17	2	37	360	2	10	02	0	0	—	22.9	13	-2	19	-5	36	0
330	18	15	03	1	5	sc	24.3	16	4	45	320	4	14	01	1	2	sc	24.0	11	5	16	-4	67	0
320	10	10	03	2	6	sc	22.5	15	5	52	320	3	10	01	2	5	st	23.2	10	5	15	-6	71	0
250	9	20	02	0	1	cu	25.0	16	-4	26	290	1	12	02	0	0	—	25.2	9	-3	16		44	0
350	12	24	02	0	0	—	23.9	15	-8	20	320	3	9	02	0	0	—	25.0	11	-6	18	-4	30	0
360	6	15	01	0	1	cu	21.6	17	-1	30	00	0	5	02	0	0	—	22.3	10	1	17	-6	54	0
270	2	50	03	0	4	cu	17.6	14	3	48	310	2	10	01	6	0	—	19.6	10	3	15	-5	62	4
310	29	02	31	3	3	sc	18.2	17	1	34	320	18	8	02	3	3	sc	19.2	13	2	18	-2	48	0
280	12	20	03	0	2	ac,ci	18.7	18	-1	28	260	15	20	01	0	0	—	19.9	15	-1	19	-4	34	0
40	12	20	05	0	1	sc	15.7	23	13	53	330	5	20	02	0	0	—	18.4	20	13	24		64	0
350	15	20	02	0	0	—	21.8	17	-1	30	360	10	20	02	0	0	—	22.6	12	-4	18		33	0
360	13	22	02	0	0	—	18.5	19	-4	21	360	9	20	02	0	0	—	20.1	14	-5	20		27	0
											30	11	20	02	0	0	—	20.7	15	-5	20		25	0
10	13	10	07	0	0	—	14.8	22	-6	15	350	9	20	02	0	0	—	18.1	17	-7	23		19	0
360	14	18	04	0	0	—	15.9	22	-3	19	340	8	12	06	0	0	—	17.3	18	-1	23		28	0
330	4	20	02	0	0	—	12.2	25	10	39	320	3	20	02	0	0	—	14.3	19	6	27		43	0
360	13	10	02	0	0	—	14.4	24	-7	13											25			
310	13	20	02	0	0	—	14.3	25	3	24											26			
310	5	20	02	0	0	—	10.8	26	-2	16											27			
20	14	30	02	0	0	—	14.7	21	-2	21	360	7	20	02	0	0	—	17.6	15	-5	22		25	0
20	10	16	06	0	0	—	16.1	20	-1	24											23			
60	12	50	02	0	0	—	15.3	23	-7	13	40	6	30	02	0	0	—	17.4	17	-4	25		24	0
30	15	20	01	1	0	—	10.8	28			10	8	20	02	0	0	—	13.7	21	1	29		27	0
		20	02	2	6	cs	10.4	29	-3	12	10	0	20	01	2	4	cs	11.8	23	4	29		29	0
310	5	20	01	4	3	ac,cu	7.5	32	0	13	360	2	20	04	1	0	—	10.5	22	7	33		38	0

At 0600 on SATURDAY 2nd FEBRUARY 1957																		
WIND					CLOUD		BAR PRESSURE		TEMPERATURES °C					RAINFALL mms.				
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
00	0	16	02	2	0	—	22.1	+4.9	9	-1	8	-1	50	0	224	
340	23	15	02	2	7	cu,sc	20.7		11	5	9		67	0	199	
320	24	12	02	2	5	sc	19.3	+1.9	10	9	8		94	0	165	
00	0	10	01	0	7	cu	18.6		8	3	6		71	5	146	
310	26	20	03	8	6	cu,sc	17.1	-1.1	9	4	8	-2	71	3	202	148
300	20	12	01	8	6	cb	17.0	-0.8	10	4	6	-3	67	1	155	110
200	2	0.3	68	6	8	cu,sc	16.7	-0.3	7	5	5	-3	87	9	166	71
230	2		03	6	6	cu	17.8	+0.2	9	4	5	-2	71	1	100	63
270	3		03	3	6	ns	17.8	+0.6	6	6	5	-2	97	2	55	30
220	2	20	03	6	8	st	18.1	+0.3	7	5	3	-3	87	2	61	24
290	2	10	01	1	3	sc	18.0	0.0	10	6	8		76	2	42	
220	1	10	03	6	8	cu	18.6	+0.4	6	5	7	+1	93	2	41	16
290	7	12	03	2	7	sc	18.7		7	4	6		81	2	34	
240	12	12	02	2	7	sc	18.6	-0.2	8	4	6	-3	76	2	35	
									8	5	6	-2	82	0	35	15
280	6	8	01	—	7	ns	19.5	+1.5	7	4	6	+1	81	2	26	16
200	3	4	05	5	8	ns,ac,as	20.0	+1.2	6	4	5	-3	87	2	26	16
360	4	20	01	2	6	st	20.8	+2.4	5	2	3	-3	81	2	11	5
290	7	7	02	2	4	sc	21.1	+0.9	9	1	5	0	58	0	dr	
300	5	12	03	0	7	as	22.7	+3.0	9	2	8	+2	62	0	dr	
00	0		02	1	2	as,cs	22.2	+3.9	7	-1	3	-2	57	0	1	
00	0	10	00	0	0	—	22.4	+4.2	8	0	3	-4	58	0	dr	
00	0	15	02	0	0	—	22.6	+4.3	8	2	3		66	0	0	
00	0	12	02	0	0	—	21.6	+3.0	10	0	3	-7	50	0	0	
320	7	15	02	2	7	ns,as	23.0	+3.0	9	4	8	+4	71	0	22	6
290	4	20	03	2	6	ac	22.2	+3.1	9	5	7	+2	76	0	2	6
260	1	12	03	0	4	ac	25.2		9	2	6		62	0	dr	
250	4	14	02	0	0	—	24.8	+5.1	6	-6	4	-1	42	0	1	
00	0	12	02	0	0	—	22.8	+3.9	5	-1	2	-4	65	0	3	
00	0	20	00	0	7	ac	19.4	+2.2	9	4	5	-5	71	2	26	11 / 10
300	14	22	02	0	1	cu	19.8	+1.9	10	0	6	-3	50	0	dr	
270	9	20	03	0	1	cu	20.6	+3.8	13	0	7	-7	41	0	0	4
310	11	20	03	0	1		18.5		13	-4			31	0		
360	2	20	02	0	0	—	24.3		6	-1	3		61	0		
360	9	24	02	4	0	—	21.2		10	-1			47	0		
50	5	21	02	0	0	—	22.1		9	-3			44	0		
10	13	20	02	0	0	—	19.5		12	-4	9		33	0		
50	10	20	02	0	0	—	13.7		13	1	9		44	0		
340	3	20	02	0	0	—	17.1		12	-1	6		41	0		
360	13	20	02	0	0	—	19.3		11	-3	4		38	0		
360	5	20	02	0	0	—	18.0		15	-2	10		32	0		
50	5	20	02	0	1	ci	17.0		16	-3	10		28	0		
360	8	20	02	0	0	—	20.2		9	-6	6		34	0		
10	8	18	06	0	0	—	22.9		7	-5	4		43	0		
50	12	30	02	0	0	—	21.4		11	-5	9		33	0		
30	17	20	04	0	3	cs	16.7		17	-5	12		22	0		
10	1	20	02	0	0	—	16.3		16	1	14		36	0		
320	3	20	04	0	3	ci	14.9		21	2	15		29	0		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Minya		Asyout		Luxor		Aswan		Baharia		Farafra		Dakhla		Kharga		Hurghada			
DATE	2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2		2-2			
TIME	15		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	18	270	16	310	9	320	10	300	17	300	24	320	9	300	20	310	17	310	34		
600 m.	320	17	280	17	300	14	310	9	290	12	300	30	330	10	300	11	290	16	300	22		
1000 m.	330	27	300	22	280	15	300	7	280	10	300	51	330	16	310	9	280	6	300	22		
1500 m.	330	35			290	17	290	14	280	17	300	44	320	27			290	17	280	49		
2100 m.									280	12	300	30							280	27		
2400 m									280	34	300	19										
3000 m.									270	45	310	16										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga									
DATE	3-2		3-2		3-2		3-2		3-2		3-2		3-2									
TIME	2		2		2		2		3		3		4									
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	7	320	10	310	14	290	9	310	5	320	14	330	17								
600 m.	290	10	330	13	320	19	310	9	320	4	340	29	340	25								
1000 m.	290	6	340	19	310	19	310	13	330	4	290	19	320	31								
1500 m.	300	7	310	14	300	22	310	19	60	3												
2100 m.	310	9					310	18	50	3												
2400 m.	300	8					310	20														
3000 m																						
4000 m.																						
5000 m																						
6000 m.																						

STATION	Cairo (A)		Minya		Asyout		Luxor		Baharia		Farafra		Dakhla		Kharga		Hurghada					
DATE	3-2		3-2		3-2		3-2		3-2		3-2		3-2		3-2		3-2					
TIME	8		8		8		8		8		8 15		8		8		9					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	230	10	330	10	310	13	300	4	310	19	320	10	300	7	350	7	320	42				
600 m	300	10	320	15	320	18	320	5	330	32	330	19	320	31	340	10	320	71				
1000 m			320	16	310	20	310	11	330	21	320	26	330	28	330	13	310	62				
1500 m							300	17	340	33	330	23			340	23	90	1				
2100 m							310	9	340	12	320	30					320	21				
2400 m							310	11	340	11							320	21				
3000 m							300	25	330	20							310	10				
4000 m.																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						2-2														
TIME						15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	8													
1000 mb.						178	7		330	18										
950 mb.																				
900 mb.																				
850 mb.						1493	-1		330	35										
800 mb.																				
700 mb.						3006	-14													
600 mb.																				
500 mb.						5451	-31													
400 mb.						7030	-44													
300 mb.						9130	-52													
200 mb.						11540	-51													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 3rd FEBRUARY 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Low clouds increasing over Lower Egypt & Cairo with heavy rain in scattered places in the afternoon accompanied at times by thunder. In Upper Egypt: Some low and high clouds with light rain in the northern part and mild weather in the south. Winds mainly moderate N'ly, freshening in the north of the Republic.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 45 U.T.
" " Sunset 15 34 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
360	12	18	02	2	7	cu,Sc,Ac		21.4	12	3	55
340	23	18	02	2	6	cb		20.1	13	6	63
330	30	14	80	8	8	Sc,As		19.6	8	4	76
		10	01	8	7	cu		18.6	10	6	76
350	13	20	03	6	7	ac,sc		17.1	11	4	63
340	18	12	80	8	7	cu,Sc		16.5	12	4	55
300	9	10	02	6	6	cu,Sc		15.8	13	7	67
310	2	10	01	6	6	cb		17.1	10	6	76
320	7	3	50	5	8	cu,Sc		17.1	10	3	62
220	5	20	03	6	6	cu		17.6	12	5	63
250	9	20	01	6	4	Sc		17.2	12	3	55
220	1	20	03	6	8	cu		17.2	10	6	76
310	17	16	02	8	7	Ns		18.1	10	5	71
270	15	25	02	8	7	Sc		17.9	10	4	67
290	7	10	02	8	7	Sc		18.6	11	6	71
290	13	20	02	8	8	cb		18.3	10	3	62
360	6	20	20	2	7	cb		18.6	14	2	45
310	15	8	02	2	7	cu,Sc		18.5	15	-4	27
300	11	16	02	1	5	cu		20.2	15	-2	32
290	1		02	0	3	Ac,cs		19.8	17	1	34
240	4	20	03	1	0	—		19.8	15	4	48
290	12	16	02	0	5	cu		20.0	16	4	45
350	8	12	03	0	2	cu		20.2	18	-1	28
340	16	16	02	1	5	cu		22.4	14	-2	34
320	8	20	03	2	7	Sc		20.1	14	5	55
320	6	15	02	2	8	cu,Ac,ci		22.6	14	4	52
290	14	22	03	0	5	cu		21.5	16	-1	32
350	2	18	03	1	6	Sc,cu		19.4	16	2	39
220	8	50	02	0	7	Ac		17.2	13	1	44
300	15	20	03	0	6	Sc,ci		13.2	17	-3	26
30	12	20	02	0	1	Sc		17.0	23	15	61
360	10	20	02	0	0	—		21.1	18	-2	26
20	13	24	02	0	0	—		16.4	21	-9	13
30	9	21	02	0	0	—		17.7	21	-7	15
350	10	20	02	0	0	—		14.5	23	-7	13
10	11	20	02	0	0	—		14.7	22	-5	16
30	5	20	02	0	0	—		9.9	28	11	35
360	5	20	02	0	0	—		12.3	25	-5	14
310	9	20	02	0	0	—		13.8	25	2	22
310	5	20	02	0	0	—		9.9	27	-4	13
40	13	20	02	0	0	—		14.3	21	8	14
40	9	24	02	0	0			15.3	21	7	15
20	10	30	03	0	1	ci		15.0	22	-6	15
30	10	12	04	1	1	ci		11.6	24	7	34
50	5	20	02	0	0	—		10.4	28	-1	15
320	5	20	04	0	2	ci		7.9	31	-1	12

At 1800 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
280	10	12	02	8	6	Sc		22.0	10	1	13	-6	54	dr
150	20	12	02	8	7	cu,Sc		21.1	11	6	14		71	0.2
340	20	12	01	2	2	Sc		19.7	10	1	11		54	11
360	14	20	02	8	7	cu,Sc		19.1	10	3	13	-6	62	4
210	8	12	80	8	7	cu,Sc		18.5	7	7	12	-6	97	8
220	2		00	6	0	—		18.0	8	6	13		88	5
200	5		01	6	3	cu		18.9	8	3	14	-6	71	RAIN
270	3		01	1	3	Sc,cu		18.0	7	5	12	-8	87	1
00	0	20	03	6	5	cu		19.2	7	5	13	-7	87	3
220	5	10	01	6	4	Sc		19.6	9	7	13		88	3
220	1	10	02	0	0	—		19.2	8	6	12	-8	88	2
290	6	12	01	2	5	Sc		19.5	8	5	11		82	dr
240	7	12	01	0	3	Sc,cu		19.4	9	5	12	-8	76	dr
											14	-6		
310	4	8	02	8	3	Ac		19.9	8	6	12	-7	88	3
00	0	10	02	2	8	Sc		19.9	8	6	10	-9	88	0.5
260	6	20	20	5	7	cb		20.0	9	5	14	-7	76	dr
330	5	7	02	8	1	Sc		19.5	8	-3	16	-5	46	0
280	9	10	02	2	7	Ac,As		21.2	12	-2	16	-5	38	dr
00	0		03	2	6	cu		20.4	13	4	18	-4	55	0
270	1		02	1	0	—		21.2	12	5	16	-8	63	0
360	4	12	02	0	2	cu		20.9	13	4	17		55	0
320	4	10	01	0	0	—		21.1	15	-3	19	-5	30	0
350	12	14	03	1	3	Sc,cu		23.7	11	0	15	-5	47	0
320	3	10	01	1	0	—		21.6	9	3	15	-6	67	0
320	4	12	01	2	0	—		23.4	10	-2	15		44	0
290	9	5	03	2	8	cu		22.6	12	5	17	-6	63	0
320	2	6	02	2	8	Sc		20.3	14	-3	17	-6	32	0
310	7	10	01	0	1	cu		19.5	11	1	14	-6	51	0
310	15	10	02	2	6	Sc		19.3	13	-4	17	-3	31	0
270	5	20	01	0	2	Sc,cu		19.4	14	-1	19	-4	36	0
320	4	20	01	0	1	Sc		18.6	19	14	23		73	0
280	9	20	02	0	0	—		22.7	13	0	19		41	0
340	9	24	02	0	0	—		18.8	15	-5	22		25	0
20	10	21	02	0	0	—		19.1	17	-7	22		19	0
340	5	20	02	0	0	—		16.6	18	-4	24		22	0
320	8	20	02	0	0	—		16.3	18	-3	24		24	0
360	1	20	02	0	0	—		13.3	19	9	29		52	0
											27			
											26			
											28			
360	5	20	03	0	1	ci		17.1	15	-7	23		21	0
70	6	20	02	1	4	cs		16.8	17	-6	23		20	0
20	8	30	01	0	1	cs		16.2	19	-1	26		26	0
260	6	12	04	0	1	cs		12.5	20	2	28		30	0
10	1	20	02	0	0	—		11.6	23	8	30		38	0
00	0	20	04	1	2	ci		10.5	22	5	34		33	0

At 0600 on SUNDAY 3rd FEBRUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	260	10	18	02	2	7	Sc,Ac	24.7	+7.6	12	0	8	-1	44	0.2	224	
	303	SÎDI BARRÂNI	10	23	15	02	8	7	cu,Sc	24.1		12	6	7		67	2	201	
	306	MATRÛḤ (A)	60	15	13	80	8	7	cb,As,ci	23.8	+6.5	7	4	6		81	14	179	
	309	EL DAB'AA	00	0	10	00	1	0	—	22.6		7	2	5		71	4	150	
	319	ALEXANDRIA	00	0	20	02	8	7	cu,Sc,As	22.4	+4.3	10	6	7	-3	76	6	208	149
	318	ALEXANDRIA (A)	00	0	8	80	8	7	cb	22.4	+4.6	7	7	6	-3	97	14	169	111
	330	DAMIETTA	200	2		03	6	5	cu	20.8	+3.8	6	4	3	-5	87	9	175	72
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	310	2	10	03	6	4	cu	21.6	+4.1	9	4	3	-3	71	6	106	64
	342	MANṢÛRA	140	3		03	1	6	cb	22.3	+5.1	4	-2	3	-4	65	1	56	30
	348	ṬANṬA	90	1	20	01	1	2	cu	21.9	+4.2	4	1	-1	-7	81	3	64	24
	360	SHEBÎN EL KÔM	200	2		01	1	0	—	21.7	+3.7	4	1	3		81	3	49	
	354	ZAGAZIG	140	1	3	10	1	0	—	21.2	+3.1	4	4	3	-3	97	2	43	16
	441	ISMA'ÎLÎA																	
CAIRO AREA	366	CAIRO (A)	240	5	12	02	0	1	Sc	22.3		6	5	4		93	dr	34	
	372	CAIRO ALMÂZA (A)	200	3	10	02	0	0	—	21.8	+3.0	6	4	5	-4	87	dr	37	
	374	CAIRO EZBEKÎYA										7	4	5	-3	81	dr	37	15
	375	GIZA	00	0	6	05	—	2	Sc	22.4	+4.4	6	5	2	-4	93	3	39	16
	378	ḤELWÂN	00	0	4	43	4	8	As	22.3	+3.5	5	5	4	-4	97	1	27	16
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	23.3	+4.9	5	3	3	-3	87	dr	11	5
	387	MINYA (A)	260	4	7	03	1	5	Ac,As	22.2	+2.0	3	-1	1	-4	75	dr	dr	
	393	ASYOÛT (A)	270	3	12	02	0	0	—	23.7	+4.8	6	-1	4	-2	61	dr	dr	
	399	NAG' ḤAMÂDI	00	0	4	05	4	4	Ac,cu	22.2	+3.9	9	4	5	0	71	0	1	
	402	QENA	270	2	10	00	0	0	—	22.7	+4.6	8	6	3	-4	88	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	21.9	+3.7	9	4	5		71	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	21.9	+3.3	12	3	7	-3	55	0	0	
OASES	417	SÎWA	320	8	15	02	0	0	—	26.1	+6.1	5	1	5	+1	76	0	22	6
	420	BAḤARÎYA	290	4	20	03	0	0	—	23.5	+4.4	5	3	4	-1	87	0	2	6
	429	FARAFRA	320	7	14	03	0	2		25.9		6	-2	3		57	0	dr	
	432	DAKHLA	290	9	15	02	0	0	—	24.7	+5.1	5	-	1	-4	53	0	1	
	435	KHARGA	340	1	10	01	2	3	Sc,cu	22.3	+3.5	8	0	5	-1	58	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	2	cu	19.5	+1.8	7	5	4	-6	87	0	26	11
	459	TÔR																	10
	462	HURGHÂDA	300	12	22	02	0	2	cu,Ac	20.1	+2.2	10	0	4	-5	50	0	dr	
	465	QUSEIR	270	6	20	01	0	1	ci	20.4	+3.7	11	1	9	-5	51	0	0	4
	641	PORT SÛDÂN	320	7	20	03	0	1	Sc	19.5		18	11	15		64	0		
NORTH SUDAN	600	WÂDI ḤALFA	30	2	20	03	0	1	Ac	23.1		9	-1	5		50	0		
	640	ABU ḤAMAD	360	5	24	02	0	0	—	21.3		10	-3	7		41	0		
	660	KAREIMA	60	6	20	02	0	0	—	21.7		10	-2	9		44	0		
	680	ʿAṬBARA	10	13	20	02	0	0	—	19.3		13	-3	9		34	0		
	721	KHARṬOÛM	360	10	20	02	0	0	—	19.7		11	-2	8		41	0		
	730	KASSALA	00	0	20	02	0	0	—	15.9		17	10	10		64	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	13	20	02	0	0	—	18.2		14	-7	8		23	0		
	801	RENK	360	9	20	02	0	0	—	18.0		15	2	9		42	0		
	802	ROSEIRES	310	5	20	02	0	0	—	16.8		15	2	11		32	0		
	771	EL OBEID	10	12	20	03	0	1	ci	19.9		11	-9	6		24	0		
	760	EL FASHER	20	2	35	01	1	0	—				-8	2			0		
	770	GENEINA	40	12	50	02	0	0	—	21.7		11	-2	8		41	0		
S. SÛDÂN	840	MALAKÂL	20	11	18	04	0	0	—	16.2		16	-5	12		24	0		
	880	WÂU	340	3	20	02	0	0	—	15.5		16	-1	14		32	0		
	941	JUBA	310	2	20	04	0	7	cs	14.7		20	5	13		38	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Minya		Asyout		Luxor		Baharia		Farafra		Dakhla		Kharga		Hurghada					
DATE	3-2		3-2		3-2		3-2		3-2		3-2		3-2		3-2		3-2					
TIME	14		14		14		14		14		14		14		14		14					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	12	360	10	330	15	320	21	360	19	350	17	360	13	350	25	320	21				
600 m.	10	13	350	10	330	20	320	23	360	14	350	18	360	21	350	26	310	17				
1000 m.			350	14	340	17	310	15	360	17	360	14	350	16	340	19	300	17				
1500 m.			350	21	340	18	330	10	360	14	270	16					310	19				
2100 m.							330	11	10	16	10	20					320	13				
2400 m.							360	9	20	31	10	18					340	9				
3000 m.											350	23					330	3				
4000 m.																						
5000 m																						
6000 m.																						

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga									
DATE	4-2		4-2		4-2		4-2		4-2		4-2		4-2									
TIME	2		2		2		2		2		3		4									
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	10	13	260	20	360	20	70	3	340	8	280	17	360	17								
600 m	10	12	270	23	20	13	60	3	350	22	250	11	10	28								
1000 m.	10	11			10	21	320	3	360	30	350	18	20	50								
1500 m.					20	23	240	3	360	31												
2100 m					360	35			10	10												
2400 m.									50	8												
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		Cairo (A)		Minya		Asyout		Dakhla		Kharga		Hurghada		Luxor					
DATE	4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2					
TIME	8		8		8		8		8		8		9		8		8					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	300	6	320	17	270	3	10	13	10	8	10	26	10	17	330	16	10	14				
600 m.	320	4	330	17	330	10	10	16	20	21	10	30	20	27	340	19	360	14				
1000 m.	40	3	330	12	320	9	30	22	20	23	30	17	30	30	360	12	20	17				
1500 m.	170	9					10	23	20	29	80	12			360	14	20	40				
2100 m															360	21	20	26				
2400 m.															360	27	20	37				
3000 m.															360	50						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh																					
DATE	3-2																					
TIME	16																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT m.	TEMP °c.	HUM °c. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED		
Surface						25	12															
1000 mb						245	10		360	12												
950 mb.																						
900 mb.																						
850 mb.						1583	-3		360	13												
800 mb.																						
700 mb.						3106	-11		10	17												
600 mb.																						
500 mb						5658	-19		20	42												
400 mb						7279	-32		10	21												
300 mb.						9237	-48		10	26												
200 mb.						11810	-61															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 1

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 4th FEBRUARY 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous fog less than 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) } not falling as shower (s) } during preceding hour not at time of observation
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm } decreased } during preceding hour
31 } no change
32 } increased
33 Severe duststorm or sandstorm } decreased
34 } no change
35 } increased
36 Slight or moderate drifting snow } low
37 Heavy " "
38 Slight or moderate " " } high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible } has become thinner during preceding hour
43 " , " not " }
44 " , " discernible } no change during preceding hour
45 " , " not " }
46 " , " discernible } has begun or become thicker during last hour
47 " , " not " }
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle not freezing, intermittent } slight
51 " " continuous }
52 " " intermittent } moderate
53 " " continuous }
54 " " intermittent } thick
55 " " continuous }
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain not freezing intermittent } slight
61 " " " continuous }
62 " " intermittent } moderate
63 " " continuous }
64 " " intermittent } heavy
65 " " continuous }
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes } slight
71 Continuous " " "
72 Intermittent " " " } moderate
73 Continuous " " "
74 Intermittent " " " } heavy
75 Continuous " " "
76 Ice needles } with or without fog
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed } slight
88 } moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder } slight
90 } moderate
91 Slight rain } Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail } Thunderstorm at time of observation
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Rapid improvement in weather continues generally in all the Republic. Changeable amounts of clouds appear. Slight rain at times in the NE of the Republic as residuals of the previous weather. Moderate NE ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunrise 04 44 U.T. / Sunset 15 35 U.T.]

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 3rd	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
	30	3	18	02	5	7	Sc, Ac	27.2	13	3	51
	20	19	18	02	2	6	cu, Ac	26.4	14	10	77
	350	17	16	02	6	5	cu, Ac	24.5	13	2	48
	00	0	10	00	0	7	cu	24.1	13	7	67
	40	8	20	01	6	6	cb	23.6	12	3	55
	20	10	8	81	8	7	cb	23.5	9	8	94
	340	5	20	01	6	4	cu	23.0	13	7	67
	330	5	20	01	6	2	cu	22.6	13	8	72
	340	8	3	23	7	5	cb	22.4	15	7	59
	40	13	20	60	2	8	st	22.6	12	8	77
	290	5	20	01	6	3	cu	22.2	14	3	48
	320	1	20	03	1	5	cu	22.6	14	8	67
	360	5	15	80	5	7	cu, Sc	22.3	11	7	77
	290	4	20	81	8	7	cu, Sc	22.1	12	6	67
	20	8	10	02	8	7	cu	22.8	13	5	59
	290	4	20	02	2	3	cu, Sc	22.5	12	5	63
	360	6	20	03	6	5	cb	23.1	14	3	48
	350	10	8	02	2	5	cu	21.9	15	0	36
	320	11	15	02	0	5	cu	22.6	13	-1	38
	290	3	10	03	1	5	Sc, Ac	21.1	15	1	34
	340	12	20	02	1	0	—	21.1	14	3	48
	310	13	22	02	0	3	cu	20.8	15	2	42
	350	16	16	01	0	1	cu	20.2	17	-9	16
	360	15	16	02	1	5	cu	26.5	15	4	48
	320	11	20	03	2	5	Sc	23.6	14	7	63
	320	8	20	03	0	2	cu	25.3	14	-4	29
	350	15	20	03	0	4	cu	24.3	14	-10	18
	00	0	2.6	50	2	6	Sc, cu	21.6	16	-4	26
	330	2	50	03	0	5	cu, As, ci	21.2	14	3	48
	340	22	22	01	2	4	cu, Sc	19.3	16	0	34
	350	11	20	03	0	5	Sc, cu	18.9	15	1	39
	60	10	20	02	0	1		19.4	24	14	54
	330	20	20	01	0	1	Sc	21.4	17	-2	28
	220	9	24	02	0	0	—	17.1	20	-4	19
	50	11	20	02	0	0	—	18.6	21	-5	17
	350	12	15	07	0	0	—	15.4	23	-9	11
	340	16	20	02	0	0	—	14.8	24	-8	12
	320	6	20	02	0	0	—	10.8	27	6	27
	360	9	20	02	0	0	—	12.8	26	-7	11
	310	9	20	02	0	0	—	13.1		-4	
	310	5	20	02	0	1	ci	9.0	29	4	20
	30	17	15	07	0	0	—	14.2	23	-15	7
	80	6	30	02	0	0	—	15.4	22	-9	12
	70	13	50	02	0	0	—	15.4	23	-17	6
	10	13	18	04	0	2	cs	10.1	29	-3	12
	360	6	20	02	0	0	—	10.1	28	-3	13
	260	6	21	04	2	7	cs	7.6	31	2	16

At 1800 on 3rd	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
	260	8	12	01	2	6	cb, Ac	28.8	13	4	14	5	55	0.3
	20	12	16	02	0	6	cu	28.1	12	9	14		82	0
	350	11	12	01	2	3	Sc, cu	26.8	12	4	14		59	2
	00	0	4	00	0	7	cu	26.3	12	8	16		77	0
	00	0	20	03	8	8	cu, Sc	26.6	10	8	15	-4	88	5
	00	0	12	25	8	7	cb	26.2	10	8	14	-4	88	6
	320	2		03	6	8	cu, Sc	25.4	10	8	15	-3	88	4
	20	2	10	01	6	1	ci	25.6	9	7	15	-5	88	1
	00	0		01	1	4	Ac, Sc	25.5	9	7	15	-5	88	2
	310	3	20	02	6	0	—	25.0	7	7	16	-4	97	3
	270	2	4	01	6	3	cu	24.7	9	4	16		71	2
	20	1	10	02	0	0	—	25.2	10	8	16	-4	88	0
	90	7	12	01	7	0		25.7	9	7	14		88	3
	20	5	12	02	0	0		25.6	10	6	15	-5	76	1
											17	-3		
	340	5	10	01	1	0	—	25.9	7	6	14	-6	94	3
	00	0	4	05	5	0	—	25.5	9	7	13	-6	88	dr
	360	4	20	01	6	0		25.9	9	6	15	-6	82	dr
	10	6	7	01	2	1	Sc	24.2	11	2	16	-5	54	0
	00	0	10	02	1	0	—	22.5	8	-2	14	-7	50	0
	00	0		01	0	3	As	23.4	10	3	16	6	62	0
	290	7		02	1	4	St	23.1	12	3	15	-9	55	0
	280	5	12	01	0	1	cu	23.4	10	4	15		67	0
	360	14	10	02	0	1	cu	23.3	12	2	17	-7	38	0
	40	6	17	01	1	0	—	28.8	11	3	16	-4	58	0
	00	0	10	01	1	0	—	27.1	11	4	16	-5	71	0
	350	2	12	02	0	0	—	28.6	10	-4	15		38	0
	340	2	9	02	0	0	—	26.8	10	-4	15	-8	38	0
	00	0	6	02	0	0	—	24.4	10	0	16	-7	50	0
	360	2	10	01	0	0	—	23.6	11	4	15	-5	63	0
	310	17	10	13	0	2	cu	29.9	12	-1	16	-4	41	0
	280	8	20	03	0	2	Sc	21.1	13	-3	18	-5	34	0
	330	6	20	01	0	1	Sc	17.6	19	12	23		64	0
	350	13	12	05	0	0	—	24.8	12	-4	18		33	0
	360	13	24	02	0	0	—	20.2	15	-1	21		34	0
	360	8	20	02	0	0	—	17.0	19	-5	25		9	0
	360	6	20	02	0	0	—	18.3	16	0	23		34	0
	350	10	20	02	0	0	—	17.2	19	-5	25		38	0
											28			
											27			
											27			
	360	7	20	01	0	0	—	17.2	15	-5	23		25	0
											25			
	40	8	50	02	0	0	—	17.2	17	-12	25		13	0
	30	7	20	02	1	3	ci	13.3	21	0	30		25	0
	360	1	20	02	0	0	—	11.7	23	4	30		29	0
	00	0	20	04	2	3	ci	10.4	20	7	33		43	0

At 0600 on MONDAY 4th FEBRUARY, 1957	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
	320	8	18	01	2	3	Sc, cu, Ac	31.9	+14.9	9	1	8	-1	58	0.3	224	
	240	5	15	02	2	8	Sc, As	30.9		10	6	9		76	0	201	
	250	2	16	02	2	6	Sc	31.2	+14.0	12	0	12		44	2	181	
	00	0	10	00	0	5	Ac	30.3		9	4	6		71	1	151	
	40	10	20	01	8	6	cu, Sc	36.0	+11.9	13	7	10		67	9	217	151
	00	0	12	25	8	7	cu, Sc	29.7	+11.9	9	8	7	-2	94	9	178	113
	200	2	4	01	6	3	cu	29.0	+12.1	9	9	6	-2	97	5	180	73
	230	2	10	03	6	3	cu	29.6	+12.2	10	8	6	-2	88	2	108	64
	00	0		03	1	4	cu	29.0	+11.9	9	7	3	-4	88	2	58	31
	00	0	20	03	2	5	cu	29.2	+11.5	8	6	2	-4	88	3	67	25
	250	2	10	01	1	3	cu	29.1	+11.2	8	3	5		71	2	51	
	220	2	10	01	1	2	As	30.2	+12.2	8	6	4	-2	88	0	43	16
	200	4	8	03	0	4	Sc	29.8		8	6	5		88	3	37	
	160	3	10	03	0	3	Sc	29.9		8	6	5	-4	88	1	38	
										7	5	5	3	87	0.4	40	15
	260	2	0.8	43		9		30.4	+12.5	5	5	2	-4	97	3	42	16
	00	0	10	02	0	1	Sc	30.2	+11.5	5	5	4	-4	97	dr	27	16
	00	0	10	02	0	0	—	31.1	+12.8	6	4	3	-3	87	dr	11	5
	340	4	7	02	0	0	—	29.1	+8.9	4	0	0	-5	75	0	dr	
	00	0	12	02	0	0	—	30.4	+10.8	5	-1	4	-2	65	0	dr	
	00	0		02	0	3	As	28.8	+10.2	8	3	4	-1	71	0	1	
	270	5	10	00	0	0	—	27.8	+9.8	10	4	3	-4	67	0	dr	
	160	2	22	03	0	0	—	27.4	+9.3	9	2	3		62	0	0	
	00	0	10	20	2	0	—	27.2	+8.7	9	2	4	-6	62	0	0	
	230	1	15	02	0	0	—	31.9	+12.0	4	0	2	-2	75	0	22	6
	00	0	20	02	0	0	—	31.3	+12.3	6	4	2	-4	87	0	2	6
	00	0	10	02	0	0	—	29.1		4	-2	3				dr	
	00	0	20	03	0	1	cu, ci	30.4	+10.9	8	-3	5	0	46	0	1	
	00	0	12	02	0	0	—	27.9	+9.1	7	4	3	-3	81	0	3	
	40	1	20	00	0	2	cu	28.4	+10.7	8	6	4	-6	88	0	26	11
	340	32	20	02	0	2	cu	25.4	+7.5	13	4	8	-1	55	0	dr	
	310	14	20	03	0	3	cu	24.8	+8.1	13	-3	9	-5	34	0	0	4
	350	15	20	03	0	3	Cb, Ac	20.5		17	7	15		52	0		
	360	8	20	02	0	0	—	28.4		7		3			0		
	360	9	24	02	0	0	—	25.1		8	-5	6		40	0		
	40	10	20	02	0	0	—	25.2		8	-5			40	0		
	10	16	10	07	0	0	—	22.6		11	-3	8		38	0		
	360	13	18	05	0	0	—	22.5		11	-3	9		38	0		
	10	4	20	02	0	0	—	19.1		13	-1	8		38	0		
	360	13	20	02	0	1	cc	21.4		13	-5	10		29	0		
	360	13	20	02	0	0	—	19.7		15	-2	11		32	0		
	20	14	20	02	0	0	—	22.2		11	-1	8		44	0		
	360	8	20	02	0	0	—	24.3		9	-5	3		37	0		
	40	20	50	02	0	0	—	21.2		11	-9	9		24	0		
	30	20	20	02	0	0	—	16.1		17	-7	15		19	0		
	00	0	20	02	0	1	ci	17.1		17	-1	14		30	0		
	50	8	20	04	0	2	ci	14.7		21	2	12		29	0		

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÍA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Alex. (A)		Minya		Asyout		Luxor		Baharyia		Farafra		Dakhla		Kharga		Hurghada	
DATE	4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2		4-2	
TIME	14		15		14		14		14		14		14		14, 15		14		14		14	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	300	9	320	7	330	15	350	15	10	17	330	7	30	14	30	6	10	14	20	21	330	11
600 m	300	7	310	7	330	16	360	16	10	14	320	14	30	13	30	6	10	14	10	24	330	9
1000 m	310	10	320	7	330	16	360	19	20	21	320	18	30	16	40	6	20	12	10	17	330	9
1500 m	340	5	320	8	340	16	10	10	20	22	320	20	20	20	40	12	40	21			10	16
2000 m			20	8	350	12	40	9	20	29	10	13	20	23	60	18					10	24
2400 m			30	9			30	13	20	25	20	14	20	20	30	25						
3000 m			20	10			340	20					40	16	20	20						
4000 m			20	13									30	16								
5000 m			330	9																		
6000 m			360	12																		

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga				Kharga		Hurghada	
DATE	5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2				5-2		5-2	
TIME	2		2		2		2		2		2		3		4				8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	330	14	280	13	310	6	30	7	320	5	30	3	40	23	20	18			30	13	320	12
600 m	330	14	300	12	330	9	20	19	30	16	10	7	30	33	20	22			30	23	340	8
1000 m	330	17	310	16	340	14	20	16	20	19	360	5	40	37	30	23			30	22	40	5
1500 m			320	21	340	18	330	15	360	17	40	9									20	6
2000 m							10	13			50	8										
2400 m											40	11									350	16
3000 m											300	10									350	20
4000 m																					340	27
5000 m																					330	25
6000 m																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Baharyia		Farafra		Dakhla	
DATE	5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	240	10	250	11	250	10	270	12	230	5	30	7	330	4	300	3	80	5	80	11	10	16
600 m	260	11	280	12	270	7	280	11	330	4	30	11	30	18	350	6	60	8	70	13	50	12
1000 m	260	11	280	10	300	9	280	10	340	7	20	15	30	18	70	9	30	10	60	11	60	18
1500 m	210	2	100	6							20	14	10	14	90	2	360	17	30	7	60	7
2000 m	210	6									360	13			180	2	20	11	40	11		
2400 m											360	11			180	3	10	9	20	6		
3000 m											340	13			150	3	340	10	40	7		
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	4-2					4-2														
TIME	14					15														
	ALT m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED
Surface	70	15				25	14													
950 mb	251	13				263	10		330	7										
850 mb																				
800 mb																				
850 mb	1594	5				1589	-2		320	8										
900 mb																				
700 mb	3162	1				3166	0		10	10										
600 mb																				
500 mb	5790	-16				5759	-19		350	12										
400 mb	7427	-28				7380	-31		360	10										
300 mb						9350	-46		300	12										
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 5th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	
03	Cloud forming or developing	
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m	
12	Continuous shallow fog less than 2 m on land or 10 m on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather tends to be mild by day, but continues to be cold by night specially in Upper Egypt. Low clouds over Lower Egypt & Cairo, increasing near coasts. Chance for early morning fog in scattered places of Cairo, Lower & Middle Egypt. Moderate N/NE winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 GMT — At 1800 GMT — At 0600 GMT TUESDAY 5th FEBRUARY 1957

Area	Index Number	Station	1200 Wind Direction	1200 Wind Speed	1200 Temperature Dry Bulb	1200 Temperature Dew Point	1200 Temperature Maximum Today	1200 Temperature Diff. from normal	1200 Relative Humidity	1200 Rain past 12 hrs. mms.	1800 Wind Direction	1800 Wind Speed	1800 Temperature Dry Bulb	1800 Temperature Dew Point	1800 Temperature Maximum Today	1800 Temperature Diff. from normal	1800 Relative Humidity	1800 Rain past 12 hrs. mms.	0600 Wind Direction	0600 Wind Speed	0600 Cloud Amount	0600 Cloud Type	0600 Temperature Dry Bulb	0600 Temperature Maximum Today	0600 Temperature Diff. from normal	0600 Relative Humidity	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	320	04	12	06			92	0	310	12	15	13	18	1	85	0	00	0	00		11	15	+13.0	9	2	7	0	62	0	224	
	303	SIDI BARRANI	020	12	16	04			87	0	000	10	16	04	1	3	56		30.1	10	6		15			7	0	6		76	0	201	
	306	MATRUH (A)	320	6	16	04			92	0	330	1		96		1	30, 04		30.2	12	8		17			10	6	9		76	0	181	
	309	EL DABAA	000	0	16	03			90	0	000	0	8	04			77	0	30.1	12	8		16			12	6	9		76	0	151	
	319	ALEXANDRIA	360	10	20	01			65	0	010	0	7	04	20		48	0	29.5	14	3		16	-3	48	14	3	13	+3	43	0	217	151
	318	ALEXANDRIA (A)	320	12	16	01			92	0	000	0	7	01			59	dr	29.4	13	5		18	-2	59	13	6	11	+2	63	dr	178	114
	330	DAMIETTA	350	8	16	01			92	0	000	0	7	01			72	0	28.4	12	8		16	-2	72	10	8	7	-1	88	0	180	73
	333	PORT SAID (A)	290	8	20	01	0	0	92	0	000	0	7	01			68																
	336	EL ARISH																															
LOWER EGYPT	339	DAMANHUR	040	2	20	01			92	0	270	0	0	04	1	0	64		29.2	10	9		16	-4	77	10	9	8	0	88	0	108	65
	342	MANSURA	320	5	0	01			92	0	000	0	0	01	0	0	—		29.0	11	7		18	-2	77	10	8	8	+1	88	0	58	31
	348	TANTA	310	5	20	01	0	0	92	0	000	0	0	01	0	0	—		29.1	11	6		17	-4	85	10	8	4	-2	88	0	67	25
	360	SHEBIN EL KOM									340	2	10	01	1	2	02		29.1	11	7		18		77	10	2	8		88	0	51	
	354	ZAGAZIG	210	1	00	01			92	0	000	1	0	02	0	0	—		29.6	13	9		18	-2	77	10	9	6	0	88	0	43	16
	441	ISMAILIA																															
CAIRO AREA	366	CAIRO (A)	10	8	12	01			92	0	000	0	0	04	0	0	86		28.6	10	10		16		91	10	5	1		67	0	37	
	372	CAIRO ALMAZA (A)	360	1	20	01			92	0	000	0	2	01			77	0	29.0	12	8		16	-4	77	10	4	1	-2	67	0	38	
	374	CAIRO EZBEKIYA																					16			10	0	1	-1	76	0	40	15
	375	GIZA	290	8	0	01			92	0	000	0	1	01			77	0	29.2	10	8		17	-5	77	10	5	4	-2	94	0	42	16
	378	HELWAN	320	8	10	01	1	0	92	0	000	0	0	01	0	0	—		29.4	11	8		15	-4	82	10	7	7	-1	88	0	27	16
UPPER EGYPT	381	FAYOUM	360		20	01			92	0	000	0	0	01	0	0	—		29.5	11	7		17	-4	77	10	8	5	-2	82	0	11	5
	387	MINYA (A)	30	10	20	01			92	0	000	0	2	01			58	0	28.8	12	8		18	-4	58	10	3	2	-3	87	0	dr	
	393	ASYOUT (A)	20	15	20	01			92	0	000	0	0	01			50	0	29.9	12	0		18	-3	50	10	6	4	-2	71	0	dr	
	399	NAG HAMADI									000	0	2	01			55	0	30.1	12	3		19	-3	55	10	4	3	-2	71	0	1	
	402	QENA									000	0	0	01			48	0	30.3	14	3		20	-4	48	10	7	3	-4	62	0	dr	
	405	LUXOR (A)	340	12	20	01			92	0	000	0	1	01			54	0	29.8	10	1		20		54	10	0	2		58	0	0	
	414	ASWAN	40	7	0				92	0	000	0	0	01			22	0	29.0	10	0		20	-4	22	10	0	6	-5	50	0	0	
OASES	417	SIWA	20	8	12				92	0	000	0	0	01	0	0	—		30	12	0		17	-4	44	10	5	2	-2	65	0	22	6
	420	BAHARIYA									000	0	20	01	1	0	—		30.1	11	5		18	-3	67	10	3	2	-4	81	0	2	6
	423	FARAFRA	360	5	20	03	1	5	30, cu	30	360	2	12	02	0	0	—		31.0	12	-1		17		41	10	-5	1		52	0	dr	
	432	DAKHLA	20	8	05	02			92	24	30	3	9	02	0	0	—		29.2	13	-7		18	-5	24	10					0	1	
	435	KHARGA	360	12	12	01			92	24	00	0	0	02	0	0	—		26.4	12	-1		18	-3	41	10	-2	1	-4	57	0	1	
RED SEA	450	SUEZ	360	2	02	01			92	0	330	2	10	01	0	0	—		28.2	13	4		16	-4	55	10	3	2	-2	62	0	3	
	459	TOR																															
	462	HURGHADA	350	18	22	12			92	0	310	18	12	02	0	1	Cu		26.7	12	2		17	-3	51	10	6	8	-7	88	0	26	11
	465	QUSEIR	350	18	20	02			92	0	340	5	20	02		2	Cu, ps		26.2	15	4		17	-6	48	10	4	8	-1	55	0	dr.	
	641	PORT SUDAN	30	18	10	01	0	1	92	18	330	16	10	07	0	1	Sc		21.7	17	3		23		39	20	12	15	-2	60	0	dr.	4
NORTH SUDAN	600	WADI HALFA	40	20	20	03			92	0	40	13	20	02	0	0	—		25.1	15	-3		20		30	8	-8			53	0		
	610	ABU HAMAD	360	18	20	02	0	0	92	0	20	5	22	01	0	0	—		21.9	13	-12		21		17	11	1	7		51	0		
	660	KAREIMA	30	16	10	01	0	0	92	0	50	9	20	02	0	0	—		21.8	15	-8		20		20	11	0	8		47	0		
	680	ATBARA	10	16	10	01	0	0	92	0	10	7	20	02	0	0	—		19.3	14	-13		21		14	20	1	7		47	0		
	721	KHARTOUM	20	16	20	02	0	0	92	0	10	11	20	02	0	0	—		19.0	15	-11		21		16	20	2	9		35	0		
	730	KASSALA	340	8	20	02	0	0	92	22	350	4	20	02	0	0	—		15.5	18	0		27		30	40	11	16		52	0		
CENTRAL SUDAN	751	WAD MEDANI	360	12	20	02	0	0	92	0													23			360	7	20		29	0		
	801	RENK																					26			360	5	20		29	0		
	802	ROSEIRES	310	7	20	02	0	0	92	27	0	17											28			310	5	20		29	0		
	771	EL OBEID	30	16	22	02	0	0	92	0	20	10	20	02	0	0	—		18.1	15	-11		20		16	360	12	20		27	0		
	760	EL FASHER	20	12	20	02	0	0	92	0	40	10	20	02	0	0	—		19.3	16	-10		22		16	320	3	5		38	0		
	770	GENEINA	40	17	30	02	0	0	92	22	-10	11											24			40	15	10		12	0		
S. SUDAN	840	MALAKAL	30	13	20	02	0	0	92	20	-2	13											27			20	14	20		16.4	18	-11	11		16	0	
	880	WAU	20	1	20	01	0	0	—	28	-4	12	40	2	20	01	1	0	—	12.2	23	3	29		27	360	6	20		17.3	15	-8	13		20	0	
	941	JUBA	340	8	20	01	0	1	Ac	18	-1	2	270	1	20	05	0	1	Ac	10.6	23	3	32		27	350	2	20		15.8	19	3	12		35	0	

RETARDS — DATE

* 9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2		5-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	260	8	300	17	340	5	350	11	60	12	350	18	20	10	30	7	20	8	60	7	40	22
600 m	250	6	280	9	300	4	350	9	60	9	350	18	10	8	40	6	20	7	60	9	40	29
1000 m	260	8	220	3	260	4	350	11	90	3	350	22	360	9	40	14	20	5	60	8	20	24
1500 m	230	10	220	12	130	4	240	4					30	10	20	10	20	4	40	8	40	16
2100 m			160	15	200	5							50	10	40	13	40	9	80	8		
2400 m					240	5							30	10	40	9	20	9	40	8		
3000 m					270	10							350	6	20	18	20	10	350	4		
4000 m					290	8							310	10	360	20						
5000 m					280	20							290	20	310	5						
6000 m					290	20							290	24	290	26						

STATION	Kharga		Hurghada				Alex. (A)		P. Said		Cairo (A)		Asyout		Luxor				Kharga		Hurghada	
DATE	5-2		5-2				6-2		6-2		6-2		6-2		6-2				6-2		6-2	
TIME	14		14				2		2		2		2		2				8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	20	12	350	9			240	7	10	5	40	17	80	5	50	20			40	9	340	7
600 m	20	14	320	10			250	7	30	5	40	15	80	10	40	20			100	17	40	13
1000 m	20	10	300	12			250	4	100	11	70	15	70	10	70	26			120	17	60	16
1500 m	20	17	350	7					110	17	90	16	120	4	100	37			90	4	40	10
2100 m			20	12					90	9	40	4			80	23					40	16
2400 m			20	17					350	7	220	10									40	7
3000 m			360	15					280	7	250	9									140	2
4000 m			340	21					300	12												
5000 m																						
6000 m																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2	
TIME	8		8		8		8		8		8, 15		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	150	7	160	6	70	7	40	8	60	17	220	3	70	3	40	7	30	10	70	7	60	4
600 m	130	13	140	5	20	12	60	8	70	20	140	12	160	14	80	20	60	15	70	8	90	1
1000 m	120	9	140	5	120	17	80	9	80	26	80	8	150	14	80	24	80	23	80	9	130	17
1500 m	190	8			120	16	60	11	80	23	150	8	130	9	70	22	90	17	100	8		
2100 m	330	7			200	10					190	16	190	4	70	17	130	7	120	6		
2400 m	220	2									240	11	200	5	60	11	90	11	100	6		
3000 m	170	12									310	5	220	5	40	12			160	7		
4000 m											310	10										
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	5-2					5-2																
TIME	14, 30					14																
	ALT m	TEMP. °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	16				25	13													
500 mb	236	14				246	11		340	5										
700 mb																				
900 mb																				
1000 mb	1581	6				1581	8		140	4										
1200 mb																				
1500 mb	3165	2				3158	-1		270	10										
1800 mb																				
2000 mb	5773	-19				5751	-20		280	21										
4000 mb	7390	-32				7372	-32		270	30										
3000 mb	9371	-45				9337	-47		280	26										
2000 mb	11990	-57				11930	-61													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 6th FEBRUARY 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " , depositing rime, sky discernible
49 " , " " " not "

50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather will continue tending to be warm during daytime and to be cold during night. Moderate amounts of clouds dispersing totally at times. Winds generally E'ly between light & moderate with a chance of local fog in Lower Egypt early morning tomorrow.

SYNOPTIC SURFACE OBSERVATIONS

All Times are Universal Times (UT) [Two hours slower than local time]

At 0600 on 5 WEDNESDAY 6TH FEBRUARY 1957

Area	Index Number	Station	0600 Wind Direction Deg	0600 Wind Velocity in Knots	0600 Visibility in Km. (or m)	0600 Present Weather	0600 Past Weather	0600 Cloud Amount 0-8	0600 Cloud Forms	0600 Bar. Pressure M.S.L. mb.	0600 Temperatures °C Dry Bulb	0600 Dew Point	0600 Maximum Today	0600 Maximum Diff from normal	0600 Minimum Today	0600 Minimum Diff from normal	0600 Relative Humidity %	Rainfall mms. Rain past 12 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	16	01	2	7	Sc, Ac	27.2	11.3	11	2	11	+2	64	0	224	
	303	SIDI BARRÂNI	180	5	15	03	1	8	Sc, Ac	[illegible]	[illegible]	9	5	6		76	0	201	
	306	MATRÛH (A)	220	5	16	01	2	6	Sc, Ac	[illegible]	[illegible]	9	7	6		88	0	181	
	309	EL DAB'AA	00	0	10	00	0	8	Ac	27.9	13.9	10	8	9		88	0	151	
	319	ALEXANDRIA	00	0	4	05	4	6	Ac, Cc	[illegible]	19.9	13	7	11	+1	67	0	217	152
	318	ALEXANDRIA (A)	00	0	10	02	2	7	As, Ac	[illegible]	[illegible]	10	4	7	-2	94	0	178	115
	330	DAMIETTA	200	2	10	01	1	2	Ac	[illegible]	[illegible]	11	8	6	-2	77	0	180	74
	333	PORT SAÏD (A)	00	0	10	00	1	7	Sc, As, As	[illegible]	[illegible]	11	10	8	-4	94	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	2	10	01	1	8	Cc	[illegible]	[illegible]	10	10	8	0	88	0	108	65
	342	MANSÛRA	00	0	5	01	1	5	Ac	[illegible]	[illegible]	10	6	8	+1	76	0	58	32
	348	ṬANṬA	150	1	20	01	1	5	Ac, As	[illegible]	[illegible]	10	2	7	0	88	0	67	25
	360	SHEBÎN EL KÔM	10	2	10	01	1	2	Cc	[illegible]	[illegible]	10	8	10		88	0	51	
	354	ZAGAZIG	140	1	10	03	1	4	As	[illegible]	[illegible]	10	8	7	+1	88	0	43	16
	441	ISMA'ÎLÎA																	
CAIRO AREA	366	CAIRO (A)	00	4	12	01	0	2	Cc	[illegible]	[illegible]	10	7	8		82	0	37	
	372	CAIRO ALMAZA (A)	40	4	10	02	0	4	Sc, Cu	[illegible]	[illegible]	10	6	8	-1	76	0	38	
	374	CAIRO EZBEKÎYA										10	7	7	-1	82	0	40	15
	375	GIZA	60	1	0.5	42		2	Cc	[illegible]	[illegible]	11	8	4	-2	82	0	42	16
	378	HELWÂN	40	5	10	02	1	1	Cc	[illegible]	[illegible]	12	8	9	+1	77	0	27	16
UPPER EGYPT	381	FAYOÛM	20	4	20	02	1	3	Sc	[illegible]	[illegible]	9	6	6	-1	82	0	11	5
	387	MINYA (A)	340	2	5	02	0	2	Cc	[illegible]	[illegible]	5	3	2	-3	87	0	do.	
	393	AṢYOÛṬ (A)	00	0	8	02	0	2	Cc	[illegible]	[illegible]	8	1	5	-1	62	0	do.	
	399	NAG' HAMÂDI	00	0	3	10	0	3	Ac, Cc	25.2	+7.4	10	8	5	0	88	0	1	
	402	QENA	00	0	10	00	0	0	—	26.3	+8.4	12	5	5	-2	63	0	do.	
	405	LUXOR (A)	20	3	22	03	0	2	Cs	[illegible]	[illegible]	11	2	4		54	0	0	
	414	ASWÂN	00	0	14	03	0	2	Cc	[illegible]	[illegible]	10	6	8	-3	76	0	0	
OASES	417	SÎWA	140	2	16	03	1	1	Ac, As	[illegible]	+1.2	8	-1	6	+2	64	0	22	6
	420	BAHARÎYA	00	0	10	01	2	7	Ac, As	27.1	+2.3	10	7	6	0	82	0	2	6
	423	FARAFRA	360	2	14	03	1	1	Ac	27.6		8	0	6		38	0	do.	
	432	DAKHLA	00	0	14	02	0	0	—	[illegible]	+6.4	9	-2	7	+1	47	0	1	
	435	KHARGA	00	0	12	03	0	1	Cs	25.9	+5.4	11	3	6	0	58	0	3	
RED SEA	450	SUEZ	20	1	20	00	0	6	—	25.8	+4.3	11	7	5	-5	77	0	26	11
	459	TÛR																	
	462	HURGHÂDA	302	14	20	04	2	5	Sc, Ci	25.0	+7.5	14	5	8	-1	55	0	do.	
	465	QUSEIR	300	10	20	03	1	5	Cc	23.9	+7.4	17	8	13	-1	56	0	do.	4
	641	PORT SÛDÂN	[illegible]	13	20	02	0	1	Sc	[illegible]		20	10	16		53	0		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	03	0	1	Cc	28.3		9	2	7		62	0		
	640	ABU HAMAD																	
	660	KAREIMA	80	5	21	02	0	0	—	19.8		11	1	9		51	0		
	680	ʿATBARA	10	8	20	03	0	1		18.5		12	0	8		44	0		
	721	KHARṬOÛM	30	8	18	05	0	6	Cs	17.8		13	-1	11		38	0		
	730	KASSALA	130	2	20	03	0	1	Cc	19.2		19	5	12		40	0		
CENTRAL SUDAN	751	WÂD MEDANI			20	02	1	3	Cs	17.3		14	8	11		67	0		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	10	9	20	03	0	2		15.1		12	-1	9		41	0		
	760	EL FASHER	340	3	24	02	0	0	—	23.4		6	-9	2		33	0		
	770	GENEINA	50	9	20	03	0	1	Cc	20.9		9	-9	7		27	0		
S. SÛDÂN	840	MALAKÂL	20	10	20	03	2	7	Ac, Cs	11.6		17	0			32	0		
	880	WÂU																	
	941	JUBA	00	0	20	04	0	7	Cs	15.0		20	6	12		41	0		

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2		6-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	2	10	5	20	5	330	10	60	10	350	4	350	10	10	10	50	6	70	6	350	4
600 m.	220	9	10	4	50	4	250	10	40	17	320	4	320	5	10	9	50	7	60	4	60	4
1000 m.	210	4	330	2	100	3	240	10	40	16	260	4	230	5	40	10	50	5	60	10	130	4
1500 m.	200	17	180	7	170	6	60	12	60	8	170	4	100	7	130	6	60	4	90	4	80	4
2100 m.	220	8			120	10	90	10	170	5	150	12	110	17	70	24	100	4	170	8		
2400 m.					110	14	60	9	210	5	150	14	130	10	30	17	100	6	310	5		
3000 m.					160	12	50	7	80	2	150	6			50	19	100	15	120	4		
4000 m					180	20	200	7			200	14					110	25				
5000 m					190	14					220	27					100	40				
6000 m.					210	25					250	35										

STATION	Kharga		Hurghada				S. Barrani		Minya		Asyout		Luxor		Kharga				Kharga		Hurghada	
DATE	6-2		6-2				7-2		7-2		7-2		7-2		7-2				7-2		7-2	
TIME	14		14				3		2		2		2		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	3	50	6			340	9	100	5	350	4	50	10	30	17			360	8	320	8
600 m.	90	3	80	8			340	8	100	4	30	4	90	10	10	13			10	12	30	13
1000 m.	80	10	120	4			270	6	80	4	350	12	90	19	30	11			10	14	100	20
1500 m.	90	4	20	8			150	7	320	4	90	10	50	15	220	1			10	6	140	8
2100 m.			60	8					250	7	210	7	110	10	290	5			10	11	160	19
2400 m.			70	5					220	3	190	8	170	8	300	7					160	21
3000 m.			340	3									210	9	240	8					190	18
4000 m.			250	3																	210	32
5000 m			280	26																	220	30
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	10	11	320	8	20	19	40	15	50	16	20	3	260	5	10	4	10	16	270	6	310	13
600 m.	350	4	320	9	40	17	70	17	40	18	230	6	300	7	80	12	30	15	270	6	300	9
1000 m.	180	4	320	10	40	13	50	16	70	17	240	6	310	10	120	10	30	20	10	10	360	4
1500 m.	140	13	320	7	360	22	140	2			90	3	260	7	60	3	10	19	340	9	40	5
2100 m							110	7			250	3	240	2	90	10	50	5	300	6		
2400 m.							130	9			320	6			190	12	70	3	290	8		
3000 m.							140	5			180	12			170	13	330	7				
4000 m.							180	17			190	19			240	25	290	12				
5000 m.							150	14							250	61	190	23				
6000 m.															230	30	200	23				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	6-2					6-2														
TIME	14, 15					15														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18				25	14													
1000 mb.	204	16				231	12		20	5										
950 mb.																				
900 mb.																				
850 mb.	1563	8				1580	4		160	6										
800 mb.																				
700 mb.	3146	0				3154	0		160	12										
600 mb.																				
500 mb.	5756	-18				5757	-18		210	24										
400 mb.	7383	-31				7378	-32		210	31										
300 mb.	9353	-46				9349	-48		190	22										
200 mb.	11960	-58				11980	-52		230	37										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 7th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less

1 Cloud covering more than ½ sky during part of the period

2 Cloud covering more than ½ sky throughout the period

3 Sandstorm or duststorm

4 Fog or thick haze

5 Drizzle

6 Rain

7 Snow or rain and snow

8 Shower (s)

9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be mild by day, but cold by night. Some clouds during daytime. Moderate N/NE winds. Possibility of morning fog over Lower Egypt and Cairo.

SYNOPTIC SURFACE OBSERVATIONS

… 64 42 …
… 15 37 …

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Station	Wind Dir.	Wind Vel.	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300 SALLOÛM	40	4	12	02	2	1	Ci	25.4	20	4	35
303 SÎDI BARRÂNI	240	0	18	02	2	7	Ac,As,Ci	25.5	16	5	49
306 MATRÛH (A)	360	3	18	02	2	7	AC,AS	25.6	16	8	59
309 EL DAB'AA	00	9	10	02	2	7	AC,AS	24.1	15	10	72
319 ALEXANDRIA											
318 ALEXANDRIA (A)	20	15	12	03	2	7	Cu,AC,CS	25.3	18	12	68
330 DAMIETTA	40	5	20	05	1		Cu	25.1	17	9	60
333 PORT SA'ÎD (A)	20	2	15	02	2		Sc,AC,Ci	25.6	17	12	72
336 EL 'ARISH											
339 DAMANHÛR	160	2	20	01	0	3	Ci	24.8	19	4	52
342 MANṢÛRA	140	3	4	04	1	5	SC	25.4	21	7	41
348 ṬANṬA	130	4	20	05	2	7	Cu,Ci	24.4	19	9	52
360 SHEBÎN EL KÔM	110	5	20	01	1	2	AC	24.4	18	6	46
354 ZAGAZIG	40	1	20	01	1	5	AS	24.2	19	9	52
441 ISMA'ILÎA											
366 CAIRO (A)	40	10	14	03	0	5	AC,AS	24.1	18	4	37
372 CAIRO ALMÂZA (A)	50	11	15	05	1	3	Cu,AS,CS	23.7	18	2	34
374 CAIRO EZBEKÎYA											
375 GIZA	10	4	10	03	4	8	Ci	24.3	13	7	71
378 ḤELWÂN	320	12	20	02	2	7	Ci	23.4	19	4	37
381 FAYOÛM	20	4	20	05	2	6	AS	23.5	18	7	49
387 MINYA (A)	290	3	8	04	2	6	AC,Ci	22.1	19	4	37
393 ASYOÛT (A)	310	3	14	02	0	2	Ci	22.4	20	5	38
399 NAG' HAMÂDI	70	1	4	02	0	2	AC	19.9	23	10	44
402 QENA	360	1	20	05	1	2	Ci	20.8	22	1	50
405 LUXOR (A)	10	5	24	04	0	3	CS	20.3	24	10	41
414 ASWÂN	40	6	15	02	0	4	Ci	18.2	25	3	24
417 SÎWA	100	6	10	02	2	5	Ci	23.1	18	4	48
420 BAḤARÎYA	20	3	20	02	2	6	AC,AS	22.2	20	10	53
423 FARAFRA	00	0	20	02	1	5	AC	24.2	25	3	41
432 DAKHLA	70	3	20	02	2	5	Ci	21.9	22	-1	21
435 KHARGA	20	1	20	01	1	4	CS	20.6	23	7	36
450 SUEZ											
459 TÔR											
462 HURGHÂDA											
465 QUSEIR	80	6	20	02	2	3	SC,Cu,AC	22.2	21	10	50
641 PORT SÛDÂN	20	21	6	01	0	1	AC	16.5	25	9	36
600 WÂDI HALFA	360	12	20	02	0	1	Ci	18.1	22	5	33
640 ABU HAMAD	10	3	20	02	0	0	—	15.8	25		21
660 KAREIMA	70	1	21	02	0	0	—	13.8	25	-3	16
680 'ATBARA	20	6	20	02	0	1	Ci	11.7	27	1	19
721 KHARṬOÛM	20	1	20	01	0	2	Ci	11.3	25	1	21
730 KASSALA	40	6	20	03		7	Ci	8.6	29	7	25
751 WÂD MEDANI	360	7	20	02	1	2	Ci	10.0	27	0	17
801 RENK											
802 ROSEIRES											
771 EL OBEID	50	6	20	01	0	6	Ci	10.9	25	0	19
760 EL FASHER	20	8	50	03	1	6	CS	12.3	24	-6	14
770 GENEINA	110	1	20	02	0	1	CS	12.3	25	-9	10
840 MALAKÂL	10	5	20	01	2	1	CS	12.2	28	2	19
880 WÂU	15	3	20	02	1	2	Ci	9.1	31	1	15
941 JUBA											

At 1800 on 6th

Area	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300 SALLOÛM	00	0	12	12	0	0	—	26.4	15	2	20	+1	42	0
	303 SÎDI BARRÂNI	40	9	15	01	0	0	—	25.8	13	6	18		63	0
	306 MATRÛH (A)	360	7	12	02	2	6	AC,AS	26.6	13	9	16		77	0
	309 EL DAB'AA	00	0	4	00	0	3	Ci	26.1	12	8	16		77	0
	319 ALEXANDRIA	40	11				5	AS	25.5	15	9	15	-4	68	0
	318 ALEXANDRIA (A)	30	10	12	02	2	7	AC,CS	25.5	14	12	20	+2	88	0
	330 DAMIETTA	340	5	4	02	0	0	—	26.2	14	12	17	-1	88	0
	333 PORT SA'ÎD (A)	20	8	16	02		5	AS	25.7	14	12	18	0	88	0
	336 EL 'ARISH														
LOWER EGYPT	339 DAMANHÛR	40	5	12	01		3	AC	25.0	13	11	20	0	88	0
	342 MANṢÛRA	20	3	3	01		5	SC	25.0	14	10	21	+1	77	0
	348 ṬANṬA	40	6	20	01	0	4	AS	24.9	12	10	20	-1	88	0
	360 SHEBÎN EL KÔM	30	3	10	01	1	1	Cu	25.9	14	8	19		67	0
	354 ZAGAZIG	00	0	10	02	0	0	—	25.6	14	12	20	0	88	0
	441 ISMA'ILÎA														
CAIRO AREA	366 CAIRO (A)	40	12	12	03	2	4	AC,AS	24.6	14	8	20		67	0
	372 CAIRO ALMÂZA (A)	40	12	15	0	0	2	AS	24.2	14	8	20	0	67	0
	374 CAIRO EZBEKÎYA											22	+1		
	375 GIZA	50	12	15	0	2	4	AC	24.0	14	10	20	0	77	0
	378 ḤELWÂN	40	19	10	04	2	7	CC	24.0	15	6	20	-1	55	0
UPPER EGYPT	381 FAYOÛM	300	4	20	03	2	8	AS	23.8	15	6	19	-3	55	0
	387 MINYA (A)	40	2				2	AC	21.9	12	6	22	0	67	0
	393 ASYOÛT (A)	00	0	10	02	0	3	AC	22.4	15	4	21	0	48	0
	399 NAG' HAMÂDI	90	0	3	02	0	3	AC,Ci	21.0	15	12	24	+2	82	0
	402 QENA	300	0		02	0	0	—	21.1	17	9	23	-1	60	0
	405 LUXOR (A)	00	1	12	02	0	0	—	20.5	18	5	24		43	0
	414 ASWÂN	70	16	12	02	0	2	—	19.6	21	2	26	+1	29	0
OASES	417 SÎWA	200	1	14	02	0	0	—	22.1	11	4	19	-2	63	0
	420 BAḤARÎYA	40	3	2	02	2	7	AC	23.4	14	9	21	0	72	0
	423 FARAFRA	280	7	2	02	0	0	—	24.2	12	-1	21		41	0
	432 DAKHLA	340	4	12	02		0	—	22.4	16	-5	24	+1	24	0
	435 KHARGA	20	0	5	02	0	0	—	20.6	10	1	25	+1	36	0
RED SEA	450 SUEZ	360	8	12	02	0	1	Cu	23.1	16	5	22	+2	49	0
	459 TÔR														
	462 HURGHÂDA	00	0	16	02	0	1	SC,Cu,Ci	22.3	12	3	20	0	55	0
	465 QUSEIR	320	1	20	02	1	3	AC	22.1	19	9	22	-1	52	0
	641 PORT SÛDÂN	320	8	20	03	1	3	AC	18.2	20	14	25		69	0
NORTH SUDAN	600 WÂDI HALFA	20	8	20	02	0	0	—	18.8	17	3	24		46	0
	640 ABU HAMAD	00	0	22	02	0	0	—	15.2	20	0	28		26	0
	660 KAREIMA	50	4	21	02	0	0	—	15.8	21	-1	26		23	0
	680 'ATBARA	330	3	20	02	0	0	—	13.6	21	2	28		29	0
	721 KHARṬOÛM	360	4	20	01	0	0	—	14.6	21	4	27		33	0
	730 KASSALA	40	3	20	02	2	7	CS	11.9	23	7	30		36	0
CENTRAL SUDAN	751 WÂD MEDANI											29			
	801 RENK											29			
	802 ROSEIRES											30			
	771 EL OBEID	60	5	20	01	0	0	—	14.6	19	-2	26		24	0
	760 EL FASHER	40	6	20	03	1	5	CS	15.1	19	-7	27		17	0
	770 GENEINA	360	2	50	02	0	0	—	15.7	18	-9	29		15	0
S. SÛDÂN	840 MALAKÂL	10	4	20	02	2	7	CS	13.0	23	7	29		36	0
	880 WÂU	10	1	20	01	0	0	—	11.2	25	6	31		30	0
	941 JUBA	270	1	20	04	2	5	CS	9.9	25	4	33		26	0

At 0600 on THURSDAY 7th FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar. Pressure		Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300 SALLOÛM	30	12	18	02	0	0	—	23.2	19.3	12	2	11	+2	51	0	224	
303 SÎDI BARRÂNI	240	7	16	02	0	3	AC	25.6		8	5	6		82	0	201	
306 MATRÛH (A)	350	7	12	02	2	7	SC,AC,AS	25.3	18.3	13	11	12		88	0	181	
309 EL DAB'AA	00	0	10	00	0	6	Cu	25.?		12	10	10		88	0	151	
319 ALEXANDRIA	40	6	20	01	1	4	AC,Ci		+6.5	15	9	12	+2	64	0	217	152
318 ALEXANDRIA (A)	40	6	12	02	0	4	Cu,Ci	24.2	+6.6	15	12	10	+1	94	0	118	116
330 DAMIETTA	20	2	4	05	1	5	Cu,AC	25.5		12	11	9	+1	88	0	180	75
333 PORT SA'ÎD (A)	50	9	14	02	0	5	AC,AS,Ci	25.5		12	12	13	+1	88	0		
336 EL 'ARISH																	
339 DAMANHÛR	200	2	10	01	1	3	Cu	24.2	+7.0		11	8	0	88	0	108	66
342 MANṢÛRA	20	3	3	02	1	5	Cu	24.2	+1.3	12	10	9	+2	88	0	58	32
348 ṬANṬA	40	5	20	03	2	5	AS	23.?	+5.4	10	9	7	0	88	0	67	26
360 SHEBÎN EL KÔM	20	2	10	01	1	2	Cu	22.2	+6.0	10	0	8		76	0	51	
354 ZAGAZIG	40	1	10	03	1	6	AS	24.?	+5.?	11	9	7	+1	88	0	43	17
441 ISMA'ILÎA																	
366 CAIRO (A)	110	8	14	01	2	4	Cu	23.5			9	9		88	0	37	
372 CAIRO ALMÂZA (A)	20	6	10	03	0	4	AC,Ci			10	8	8	-1	88	0	38	
374 CAIRO EZBEKÎYA										12	7	8	0	82	0	40	15
375 GIZA	360	5	<0.1	43	4	9		24.3	+6.6	7	8	6	0	97	0	42	16
378 ḤELWÂN	40	6	8	05	1	2	Ci	23.?	+4.?	12	10	10	+2	88	0	27	16
381 FAYOÛM	20	4	20	02	0	0	—	23.3	+5.2	10	7	7	0	82	0	11	5
387 MINYA (A)	30	4	1	02	0	0	—	21.8	+1.1	7	3	3	-2	76	0	dr	
393 ASYOÛT (A)	00	0	12	02	0	0	—	22.?	+3.6	9	2	7	+1	62	0	dr	
399 NAG' HAMÂDI	00	0	3	01	0	3	AC,Ci	22.?	+3.9	12	5	6	+1	63	0		
402 QENA	270	1	10	00	0	0	—	22.?	+4.4	12	5	4	-3	63	0	dr	
405 LUXOR (A)	00	0	22	02	0	0	—	2?.?	+7.0	10	5	4		71	0	0	
414 ASWÂN	80	2	14	02	0	0	—		+3.?	11	5	8	-3	67	0	0	
417 SÎWA	320	2	18	02	1	5	SC		+3.6	8	3	7	+3	71	0	22	6
420 BAḤARÎYA	360	3	10	02	0	0	—		+2.1	9	8	6	0	94	0	2	6
423 FARAFRA	00	0	15	02	0	0	—	23.?		7	-1	4		57	0	dr	
432 DAKHLA	00	0	20	02	0	0	—	22.?	+3.?	7	-5	2	-4	43	0	1	
435 KHARGA	00	0	12	02	0	0	—	20.?	+2.1	11	2	5	-1	54	0	3	
450 SUEZ	310	7	20	00	0	4	Cu	23.4	+5.4	12	8	7	-3	77	0	26	11
459 TÔR																	
462 HURGHÂDA	300	13	22	02	0	0	—	23.2	+5.4	14	1	8	-1	42	0	dr	
465 QUSEIR	280	7	20	01	0	1	Cu,Ci	20.7	+4.3	16	10	13	-1	68	0	dr	4
641 PORT SÛDÂN	330	7	20	03	1	7	SC	17.6		21	11	17		53	0		
600 WÂDI HALFA	00	0	20	02	0	0	—	20.5		9	4	7		71	0		
640 ABU HAMAD	360	2	24	02	0	0	—	18.1		14	3	9		48	0		
660 KAREIMA	70	2	21	03	0	0	—	17.5		14	3	11		42	0		
680 'ATBARA	10	5	20	02	0	0	—	16.4		16	5	13		49	0		
721 KHARṬOÛM	360	3	18	05	0	0	—	15.6		17	3	13		39	0		
730 KASSALA	00	0	20	02	0	0	—	14.9		19	11	12		60	0		
751 WÂD MEDANI	360	5	20	02	0	0	—	15.4		16	3	9		42	0		
801 RENK	360	2	20	02	0	0	—	16.?		18	3	13		37	0		
802 ROSEIRES	230	2	20	02	0	1	Ci	14.9		17	5	10		46	0		
771 EL OBEID	10	5	20	01	0	0	—	15.4		14	-5	11		27	0		
760 EL FASHER	350	6	20	01	1	1	Ci	11.4		10	-3	7		41	0		
770 GENEINA	330	2	50	02	0	1	CS	18.?		14	-8	9		21	0		
840 MALAKÂL	30	13	20	02	3	7	CS	14.2		20	-3	15		21	0		
880 WÂU	00	0	20	02	0	0	—	12.9		17	7	14		52	0		
941 JUBA	00	0	20	04	0	7	CS	13.4		20	9			49	0		

RETARDS — DATE

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		P.Said		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada			
DATE	7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2		7-2			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	17	10	16	350	7	320	8	290	4	10	23	270	10	340	32	360	7	60	7		
600 m.	30	17	350	10	340	7	320	9	90	1	360	27	360	13	350	19	360	3	90	1		
1000 m.	40	20	40	7	340	5	320	9	320	3	10	43	10	12	330	17	360	3	330	3		
1500 m.	40	17	50	10	210	3	280	4	280	4	10	26	10	17			260	5	260	9		
2100 m.			90	7	150	3	00	0	250	6	20	43	340	9			250	13	270	11		
2400 m.			100	5	180	3	270	7	270	2	20	15	340	7			250	17	240	14		
3000 m.			160	6	240	12	240	15	220	10	10	63	280	8					190	12		
4000 m.			50	7	220	20													210	23		
5000 m.			180	16	260	43																
6000 m.			160	16	260	30																

STATION	Alex.(A)		P.Said		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga							
DATE	8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2							
TIME	2		2		2		2		2		2		4		3							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	17	10	5			350	12	350	10	330	2	360	27	20	22						
600 m.	20	18	30	6	300	9	360	12	10	12	330	7	360	29	10	19						
1000 m.	360	22	100	14	306	10	360	13	340	13	340	10			360	16						
1500 m.	350	19	170	12			20	9	330	13	350	10			360	13						
2100 m.							330	4			60	6										
2400 m.							360	11														
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex.(A)		P.Said		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	7	10	6	280	4	260	5	350	8	320	5	300	3	350	8	360	14	310	12	20	16
600 m.	320	9	20	10	10	3	300	6	330	11	360	17	340	17	360	8	270	10	20	14	360	17
1000 m.	330	9	20	10	100	5	350	8	330	15			320	9	330	5	350	10	20	22	350	20
1500 m.	320	13			120	6	350	8	320	23			180	13			340	12			350	25
2100 m.					60	4			320	22			190	12			340	11				
2400 m.					120	4							200	14			350	7				
3000 m.													240	23			200	16				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						7-2																
TIME						15																
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED		
Surface						25	14															
1000 mb.						205	13															
950 mb.																						
900 mb.																						
850 mb.						1545	4															
800 mb.																						
700 mb.						3099	-5															
600 mb.																						
500 mb.						5694	-21		30	6												
400 mb.						7321	-30		280	53												
300 mb.						9305	-44															
200 mb.						11940	-55															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 8th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Rather mild daytime, rather cold night time. Much low clouds with risk of showers in the extreme west. Moderate N'ly winds in the north.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04.41 U.T. / " " Sunset 15.38 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 7th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
62300 SALLOÛM	30	5	18	02	1	6	St	24.5	17	5	46
303 SÎDI BARRÂNI	350	12	18	02	2	8	Cu,Sc,Ac	24.3	15	8	63
306 MATRÛH (A)	290	12	16	02	2	7	Cb,Ac	23.3	15	12	82
308 EL ḌAB'AA	00	0	28	00	0	3	Ac	22.6	17	9	60
319 ALEXANDRIA	40	10	20	01	0	1	Cu	21.9	17	9	60
318 ALEXANDRIA (A)	40	10	12	01	2	5	Cu,Sc	21.8	18	12	68
330 DAMIETTA	20	2	20			2	Cu	20.7	17	11	68
333 PORT SA'ÎD (A)	10	8	24	01	0	1	Cu	20.7	17	12	72
336 EL 'ARISH											
339 DAMANHÛR	40	2	20	01	1	3	Cu	21.5	18	10	60
342 MANṢÛRA	20	5	4	02	1	5	Ns	21.6	19	9	52
348 ṬANṬA	40	4	20	01	1	4	Cu	21.1	19	9	52
360 SHEBÎN EL KÔM	70	5	20	01	1	2	Cu	20.8	18	6	46
354 ZAGAZIG	00	0	20	02	1	3	Cu	20.6	18	9	56
441 ISMA'ILÍA											
366 CAIRO (A)	60	10	12	02	2	5	Cu	19.6	18	8	52
372 CAIRO ALMÁZA (A)	90	15	20	02	2	6	Cu	19.7	19	8	47
374 CAIRO EZBEKÍYA											
375 GIZA	30	1	12	03	1	4	Cu	20.4	18	10	60
378 HELWÂN	20	12	20	02	0	1	Cu	19.8	19	1	46
381 FAYOÛM											
387 MINYA (A)	340	5	10	02	0	0	—	19.3	21	6	38
393 AṢYOÛṬ (A)	320	4	16	02	0	0	—	19.3	20	5	38
399 NAG' HAMÂDI	00	0	4	02	0	4	Ac,Cu	18.0	23	9	41
402 QENA	320	1	20	00	0	0	—	18.3	23	10	44
405 LUXOR (A)	00	0	22	02	0	0	—	17.6	24	9	38
414 ASWÂN	350	10	15	02	0	0	—	16.1	24	2	24
417 SÎWA	320	8	16	02	1	6	Sc	23.4	18	4	40
420 BAḤARÎYA	320	6	20	02	0	0	—	20.3	20	11	56
423 FARAFRA	360	4	20	03	0	1	Cu	21.5	17	6	49
432 DAKHLA	350	8	25	02	0	0	—	19.9	21	-8	14
435 KHARGA	00	0	20	02	0	0	—	17.2	25	5	28
450 SUEZ	360	10	50	01	0	1	Cu	19.8	20	8	46
459 TÔR											
462 HURGHÂDA	200	8	22	02	0	1	Cu	19.2	21	10	50
465 QUSEIR	10	10	20	02	0	1	Cu,Ci	18.4	22	13	57
641 PORT SÛDÂN	40	11	20	01	1	3					
600 WÂDI ḤALFA	20	10	24	02	0	0	—	16.0	25	4	26
640 ABU ḤAMAD	360	5	24	02	0	0	—	13.6	27	3	22
660 KAREIMA	40	5	21	02	0	0	—	13.3	27	1	19
680 ẠṬBARA	360	7	20	02	0	0	—	11.1	28	2	19
721 KHARṬOÛM											
730 KASSALA	360	3	20	02	0	0	—	7.6	33	8	21
751 WÂD MEDANI	50	5	20	02	0	0	—	9.8	31	2	16
801 RENK	310	9	20	02	0	0	—	10.1	30	6	22
802 ROSEIRES	310	5	20	02	0	0	—	6.0	33	6	19
771 EL OBEID	30	7	20	02	0	0	—	9.1	27	-3	14
760 EL FASHER	350	7	30	02	0	1	Cs	10.9	27	-15	5
770 GENEINA	90	8	30	01	0	1	Ci	11.1	28	-12	6
840 MALAKÂL	30	5	20	02	2	5	Cs	7.3	33	0	12
880 WÂU	90	1	20	02	0	0	—	5.6	34	3	14
941 JUBA	360	4	20	04	2	7	Cs	5.5	34	8	20

At 1800 on 7th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOÛM														
303 SÎDI BARRÂNI	360	7	16	02	2	8	Sc,AS	24.0	16	6	18	-1	52	0
306 MATRÛH (A)	300	3	14	02	2	8	Sc,AC	23.5	14	9	18		72	0
308 EL ḌAB'AA	00	0	4	00	0	6	Sc,Cu	23.6	13	12	16		94	0
319 ALEXANDRIA	40	11	20	01	0	2	Cu	22.7	14	10	17		77	0
318 ALEXANDRIA (A)	20	6	12	01	0	0	—	21.9	15	9	19	-1	63	0
330 DAMIETTA	20	6	12	01	0	0	—	21.7	13	10	18	0	82	0
333 PORT SA'ÎD (A)	320	2	4	01	1	0	—	20.8	14	10	17	-1	77	0
336 EL 'ARISH	350	3	15	02	0	0	—	20.4	15	13	18	0	88	0
339 DAMANHÛR	90	2	10	01	0	1	Cu	21.4	12	10	20	0	88	0
342 MANṢÛRA	20	3	1	00	1	0	—	21.4	14	10	20	0	77	0
348 ṬANṬA	40	1	20	02	0	0	—	21.6	12	10	20	-1	88	0
360 SHEBÎN EL KÔM	40	2	10	01	1	2	Sc	21.8	16	9	20		64	0
354 ZAGAZIG	00	0	12	02	0	0	—	21.2	14	12	19	-1	88	0
441 ISMA'ILÍA														
366 CAIRO (A)	60	10	12	01	2	3	Sc,Cu	20.3	14	10	20		77	0
372 CAIRO ALMÁZA (A)	20	10	15	01	0	1	Sc,Cu	20.3	14	10	19	-1	77	0
374 CAIRO EZBEKÍYA											22			
375 GIZA	30	6	10	01	1	1	Ac	20.8	14	10	20	0	77	0
378 HELWÂN	360	13	10	02	0	0	—	20.4	15	9	19	0	68	0
381 FAYOÛM	20	2	20	02	0	0	—	20.9	15	9	20	-2	68	0
387 MINYA (A)	360	5	1	02	0	0	—	19.9	13	4	22	0	55	0
393 AṢYOÛṬ (A)	270	4	12	02	0	0	—	20.6	16	2	21	0	39	0
399 NAG' HAMÂDI	00	0	3	03	0	3	As	19.0	15	9	24	+2	68	0
402 QENA	270	1		00	0	0	—	18.8	13	9	23	-1	77	0
405 LUXOR (A)	00	0	12	02	0	0	—	18.4	14	9	25		72	0
414 ASWÂN	180	2	12	02	0	0	—	17.1	18	4	24	-1	40	0
417 SÎWA	340	2	14	03	1	7	Sc	23.3	16	4	19	-2	45	0
420 BAḤARÎYA	20	2	10	02	0	0	—	21.3	14	9	21	-1	72	0
423 FARAFRA	320	6	12	02	0	0	—	22.6	14	1	20		42	0
432 DAKHLA	340	4	9	02	0	0	—	22.1	15	-3	21	-2	30	0
435 KHARGA	00	0	9	02	0	0	—	19.0	16	-1	25	+1	32	0
450 SUEZ	310	8	10	01	0	0	—	21.0	16	10	22	+2	68	0
459 TÔR														
462 HURGHÂDA	00	0	12	02	0	0	—	18.2	15	8	21	+1	63	0
465 QUSEIR	280	6	20	01	0	0	—	17.9	19	12	22	-1	64	0
641 PORT SÛDÂN	340	2	20	03	1	6	Sc	16.3	24	16	27		61	0
600 WÂDI ḤALFA	10	4	24	02	0	0	—	17.7	18	3	26		37	0
640 ABU ḤAMAD	360	5	24	02	0	0	—	14.6	21	1	28		27	0
660 KAREIMA	50	1	21	02	0	0	—	14.9	22	1	28		25	0
680 ẠṬBARA	340	5	20	02	0	0	—	13.1	22	3	29		29	0
721 KHARṬOÛM	40	4	20	02	0	0	—	12.1	24	6	31		32	0
730 KASSALA	320	4	20	02	0	0	—	11.3	23	7	33		36	0
751 WÂD MEDANI											33		—	
801 RENK											33			
802 ROSEIRES														
771 EL OBEID	360	7	20	01	0	0	—	12.7	20	-1	30		24	0
760 EL FASHER	50	7	20	01	0	1	Cu	12.5	23	-7	29		13	0
770 GENEINA	20	8	20	02	0	0	—	13.0	23	-10	31		10	0
840 MALAKÂL	20	6	20	02	1	1	Cs	9.9	27	8	35		30	0
880 WÂU	20	5	20	01	0	0	—	8.1	28	7	35		27	0
941 JUBA	40	0	20	02	2	7	Cs	7.3	26	10	36		37	0

At 0600 on FRIDAY 8th FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
62300 SALLOÛM																	
303 SÎDI BARRÂNI	240	7	18	02	2	7	Cu,Sc	21.6		12	10	9		88	2	203	
306 MATRÛH (A)	330	9	15	02	2	7	Cu,Sc	21.2	+4.2	12	12	12		97	26	207	
308 EL ḌAB'AA	00	0	10	00	0	7	Cu,Ac	20.3		12	12	9		97	0	151	
319 ALEXANDRIA	40	11	20	03	0	1	Cu	20.0	+2.1	16	8	15	+5	59	0	217	153
318 ALEXANDRIA (A)	30	4	12	01	0	3	Sc	19.4	+1.7	14	12	12	+3	88	0	178	117
330 DAMIETTA	200	2	>1	10	0	0	—	19.2	+2.4	11	9	7	-1	88	0	180	76
333 PORT SA'ÎD (A)	190	4	0.5	41	4	0	—	19.0	+1.2	14	12	10	-2	88	0		
336 EL 'ARISH																	
339 DAMANHÛR	90	2	10	03	0	1	Cu	19.6	+2.5	13	13	9	+1	97	0	108	67
342 MANṢÛRA	360	3	3	00	0	0	—	19.5	+2.5	11	9	7	0	88	0	58	33
348 ṬANṬA	00	0	20	02	0	0	—	19.3	+1.8	11						67	26
360 SHEBÎN EL KÔM	340	2	10	01	1	1	Cu	19.4	+1.7	10	8	9		88	0	51	
354 ZAGAZIG	00	0	3	10	1	0	—	20.4	+2.6	7	5	5	-1	87	0	43	17
441 ISMA'ILÍA																	
366 CAIRO (A)	240	4	5	10	0	6	Sc,Ac	19.8		11	10	9		94	0	37	
372 CAIRO ALMÁZA (A)	300	5	10	03	2	5	Cu,Sc	19.7	+1.1	11	9	9	0	88	0	38	
374 CAIRO EZBEKÍYA										10	8	9	+1	88	0	40	16
375 GIZA	180	3	2	02		1	Ac	20.2	+2.5	10	9	5	-1	94	0	42	16
378 HELWÂN	00	0	<1	40	4	6	Cu	20.4	+1.9	10	8	8	-1	88	0	27	17
381 FAYOÛM	00	0	20	02	0	0	—	20.7	+2.7	9	6	6	-1	82	0	11	5
387 MINYA (A)	330	3	7	02	0	0	—	20.8	+0.8	9	6	5	0	82	0	dr	
393 AṢYOÛṬ (A)	00	0	12	02	0	0	—	21.2	+1.8	10	4	6	0	67	0	dr	
399 NAG' HAMÂDI	290	2	3	02	0	3	Ac,Cs	21.2	+3.3	11	4	6	+1	63	0	1	
402 QENA	270	1	10	00	0	0	—	19.1	+1.4	12	5	6	-1	63	0	dr	
405 LUXOR (A)	00	0	22	02	0	0	—	18.6	+0.7	12	4	6		59	0	0	
414 ASWÂN	00	0	12	02	0	0	—	18.6	+0.4	14	3	8	-3	48	0	0	
417 SÎWA	320	8	16	01	1	1	Sc	22.8	+3.2	8	3	7	+2	71	0	22	6
420 BAḤARÎYA	00	0	4	28	4	6	Ac	22.2	+3.6	8	8	5	-1	97	0	2	6
423 FARAFRA	00	0	12	03	0	0	—	23.3		9	4	7		71	0	dr	
432 DAKHLA	290	5	21	03	0	1	Ac,As	22.4	+3.1	9	2	5	-1	62	0	1	
435 KHARGA	00	0	12	02	0	0	—	18.3	-0.2	11	4	6	-1	63	0	3	
450 SUEZ	00	0	20	00	0	0	—	19.8	+2.4	9	7	5	-5	88	0	26	11
459 TÔR																	
462 HURGHÂDA																dr	
465 QUSEIR	290	8	20	02	0	0	—	17.3	+1.0	18	10	14	0	60	0	dr	4
641 PORT SÛDÂN	330	3	20	50	2	7	Sc	15.5		23	15	20		61	dr		
600 WÂDI ḤALFA	360	4	20	02	0	0	—	19.7		11	1	7		51	0		
640 ABU ḤAMAD	360	5	24	02	0	0	—	15.6		17	-2	14		28	0		
660 KAREIMA	70	1	21	02	0	0	—	16.5		15	-1	13		34	0		
680 ẠṬBARA	360	5	20	02	0	0	—	14.9		17	4	13		42	0		
721 KHARṬOÛM	360	30	20	03	0	1	Ci				1	12			0		
730 KASSALA	00	0	20	02	0	0	—	12.4		20	13			64	0		
751 WÂD MEDANI	360		50	02	0	0	—			19	2	13		32	0		
801 RENK	310	5	20	02	0	0	—	16.7		18	0	13		30	0		
802 ROSEIRES	310	2	20	02	0	0	—	12.8		18	6	15		46	0		
771 EL OBEID	350		20	02	0	0	—	15.0		15	-1	13		34	0		
760 EL FASHER																	
770 GENEINA	40	5	50	02	0	1	Cs	17.9		15	-9	10		18	0		
840 MALAKÂL	20	12	20	02	1	3	As	12.7		23	2	18		26	0		
880 WÂU	10	1	20	02	0	0	—	11.9		20	7	17		43	0		
941 JUBA	00	0	20	02	0	7	Cs	11.7		22	11			50	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2		8-2	
TIME	14		15		14		14		14,45		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	10	310	16	10	20	360	5	340	6	330	11	330	19	210	8	240	16	310	23	330	11
600 m.	340	15	320	17	30	14	290	5	330	7	320	10	310	5	280	14	290	11	320	23	340	3
1000 m.	320	13	320	16	10	18	160	6	330	8	320	16	310	19	240	16	310	16	300	27	320	9
1500 m.			340	9			100	3	330	7	300	11	320	10	100	3	300	13	310	13		
2100 m.			350	10					290	6			290	7	300	9	290	9	300	18		
2400 m.			20	9					210	6			220	5	320	5	310	10	360	12		
3000 m.			260	4					170	12							250	14				
4000 m.			200	3					190	23							330	6				
5000 m.			200	6													260	19				
6000 m			200	16													320	35				

STATION	Kharga		Hurghada				Alex. (A)		P. Said		Minya		Asyout		Luxor		Dakhla		Kharga	
DATE	8-2		8-2				9-2		9-2		9-2		9-2		9-2		9-2		9-2	
TIME	14		14				3		2		2		2		[illegible]		4		5	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	340	11			350	16	210	10	290	14	290	14	[illegible]	4	210	22	320	19
600 m.	320	6	20	6			350	17	240	7	290	14	310	16	320	7	330	24	320	27
1000 m	320	9	150	3			340	14	220	10	300	11	300	21	[illegible]	20	320	18	320	28
1500 m.	320	10							230	10			300	[illegible]	320	7				
2100 m.	240	17	320	23					240	9			290	23	320	13				
2400 m.	240	17	350	27					210	10					330	14				
3000 m.			320	33					170	12										
4000 m.																				
5000 m.																				
6000 m.																				

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Sohag		Farafra		Dakhla		Kharga		Hurghada	
DATE	9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2	
TIME	8		8		9		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	340	29	190	7	260	8	240	14	300	7	240	11	310	16	190	21	290	13	300	4	280	23
600 m.	360	23	240	4	270	14	300	14	300	16	280	12	310	23	320	15	310	13	310	9	290	16
1000 m	10	17	200	4			300	13			300	8	310	[illegible]	[illegible]	16	350	20	320	15	290	18
1500 m	20	12	230	10							300	16	310	[illegible]	330	16	310	38			320	13
2100 m.	30	1	200	5							290	6	310	[illegible]	330	14					230	15
2400 m	70	4	200	10							270	16	[illegible]	[illegible]	330	16					260	29
3000 m.	20	6	170	19							240	[illegible]	[illegible]	[illegible]	330	16					240	22
4000 m.			150	1																		
5000 m			210	1																		
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RACKS

STATION	Cairo (A)																							
DATE	8-2																							
TIME	14,45																							
	ALT. m.	TEMP °C.	HUM. %	WIND DIR	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	19																						
1000 mb	137	17		350	5																			
950 mb.																								
900 mb.																								
850 mb.	1493	4		330	7																			
800 mb.																								
700 mb	3046	-4		170	12																			
600 mb.																								
500 mb.	5639	-17																						
400 mb.	7271	-30																						
300 mb.	9253	-44																						
200 mb.	11910	-50																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 9th FEBRUARY, [illegible]

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or [illegible] — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 [illegible]
07 Dust or sand raised
08 Dust [illegible] within last hour
09 Dust or sandstorm within last hour
10 Mist
11 [illegible] shallow [illegible] less than 2 m
12 Continuous [illegible]
13 Lightning [illegible] not thunder heard
14 Precipitation not reaching ground
15 [illegible] reaching ground but distant 5 kms
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) — not falling as shower (s) — during preceding hour not at time of observation
21 Rain ( )
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " rain " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate dust storm or sandstorm — decreased — during preceding hour
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
36 Slight or moderate drifting snow — low
37 Heavy " "
38 Slight or moderate " — high
39 Heavy "
40 Fog at a distance not during last hour
41 " in patches
42 " sky discernible — has become thinner during preceding hour
43 " " " not " — preceding hour
44 " " " discernible — no change during preceding hour
45 " " " not " — no change during preceding hour
46 " " " discernible — has begun or become thicker during last hour
47 " " " not " — has begun or become thicker during last hour
48 " depositing rime, sky discernible
49 " " " " " not "

50 Drizzle, not freezing, intermittent — slight
51 " " " continuous
52 " " " intermittent — moderate
53 " " " continuous
54 " " " intermittent — heavy
55 " " " continuous
56 " freezing, slight
57 " " moderate or heavy
58 " and rain, slight
59 " " moderate or heavy
60 Rain, not freezing, intermittent — slight
61 " " continuous
62 " " intermittent — moderate
63 " " continuous
64 " " intermittent — heavy
65 " " continuous
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " "
72 Intermittent " " " — moderate
73 Continuous " " "
74 Intermittent " " — heavy
75 Continuous " "
76 Ice needles
77 Granular snow — with or without [illegible]
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s) slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain — Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 " " " with
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slight fall in temp. Occasional showers and risk of thunder in the north. Considerable amounts of low clouds in the north extending to Middle Egypt. Moderate to fresh NW winds in the west, W'ly in the east.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 40 U.T. / " " Sunset 15 39 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 8th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
62300 SALLOUM	350	14	18	02	2	8	Cu,Sc,Ac	20.0	18	6	46
303 SIDI BARRANI	350	17	18	02	2	8	Sc,Ac,As	19.8	14	10	77
306 MATRUH (A)	310	14	20	02	2	7	Cu,Sc	19.4	15	12	82
309 EL DABAA	00	0	10	00	0	6	Cu	18.6	16	10	68
319 ALEXANDRIA	40	18	20	03	0	2	Cu	17.6	18	10	60
318 ALEXANDRIA (A)	10	12	12	01	2	5	Cu	17.5	18	10	60
330 DAMIETTA	340	5	20	00	0	0	—	16.8	18	10	60
333 PORT SA'ID (A)	330	1	18	02	4	1	Cu	16.6	18	12	68
336 EL 'ARISH											
339 DAMANHUR	40	2	10	02	1	6	Cu	17.4	19	12	64
342 MANSURA	20	5	4	01	1	5	Cu	16.8	19	8	49
348 TANTA	310	11	20	03	2	5	Cu	17.8	19	9	52
360 SHEBIN EL KOM	20	5	20	01	1	2	Cu	17.6	19	4	37
354 ZAGAZIG	220	1	20	03	1	3	Cu	16.8	20	11	56
441 ISMA'ILIA											
366 CAIRO (A)	40	7	10	02	2	4	Cu	17.3	18	11	64
372 CAIRO ALMAZA (A)	350	6	20	03	2	6	Cu	17.2	18	9	56
374 CAIRO EZBEKIYA											
375 GIZA	30	8	10	01	1	3	Cu	17.0	18	7	49
378 HELWAN	320	4	4	06	1	4	Cu	16.4	17	7	52
381 FAYOUM	360	4	20	03	1	4	Cu,Sc	16.7	20	7	43
387 MINYA (A)	10	8	8	01	0	3	Cu	16.8	20	4	35
393 ASYOUT (A)	320	10	18	03	0	3	Cu	17.4	19	6	43
399 NAG' HAMADI	40	0	4	01	0	2	Ac	16.3	22	6	36
402 QENA	290	2	20	00	0	0	—	15.6	22	9	44
405 LUXOR (A)	340	5		02	0	0	—	15.5	23	6	34
414 ASWAN	320	10	15	02	0	0	—	14.9	24	2	24
417 SIWA	320	14	16	03	1	6	As	20.6	19	4	37
420 BAHARIYA	290	8	20	03	2	7	Sc	18.5	18	10	60
423 FARAFRA	320	10	20	03	2	6	Cu	20.3	19	3	35
432 DAKHLA	320	12	21	03	1	5	Cu	19.2	19	-3	23
435 KHARGA	350	4	20	03	0	2	Cu	16.6	22	5	33
450 SUEZ	360	8	30	03	0	1	Cu	16.7	20	8	46
459 TOR											
462 HURGHADA	30	12	22	02	0	1	Sc	14.2	21	11	53
465 QUSEIR	310	9	20	03	0	2	Ci	15.5	21	12	57
641 PORT SUDAN	50	12	20	02	1	6	Sc	12.6	26	19	66
600 WADI HALFA	330	13	24	02	0	0	—	16.0	23	3	27
640 ABU HAMAD	350	25	24	02	0	0	—	10.8	28	5	23
660 KAREIMA	360	6	21	02	0	0	—	12.5	28	2	19
680 ATBARA	10	6	20	02	0	0	—	9.7	29	7	25
721 KHARTOUM	310	10	20	02	0	0	—	9.4	30	5	21
730 KASSALA	350	3	20	02	0	0	—	5.8	34	10	25
751 WAD MEDANI	360	9	28	02	0	0	—		32	9	24
801 RENK	310	3	20	02	0	0	—	9.2	31	7	22
802 ROSEIRES	310	5	20	02	0	1	Ac	5.4	34	8	20
771 EL OBEID	360	7	20	02	0	0	—	9.0	29	1	17
760 EL FASHER	360	7	30	02	0	0	—	10.9	27	-3	18
770 GENEINA	10	8	50	02	0	0	—	11.0	28	-11	7
840 MALAKAL											
880 WAU											
941 JUBA	50	7	20	04	1		Ci	4.5	36	5	14

At 1800 on 8th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOUM	340	12	12	02	2	8	Cu,Sc,Ac	19.9	14	7	18	-1	63	0
303 SIDI BARRANI	320	10	16	02	2	7	Sc,Ac	19.3	13	10	16		82	1
306 MATRUH (A)	270	6	12	01	5	7	Cb,Ac	19.0	13	10	15		82	2
309 EL DABAA	00	0	4	00	0	8	Cu	17.8	13	9	18		77	0
319 ALEXANDRIA	40	8	20	03	0	5	Cu	17.6	15	11	19	0	77	0
318 ALEXANDRIA (A)	360	5	12	03	2	4	Sc	17.2	14	10	18	0	77	0
330 DAMIETTA	340	2	3	02	0	0	—	17.0	15	11	18	0	77	0
333 PORT SA'ID (A)	140	1	15	02	0	0	—	16.4	14	12	19	+1	88	0
336 EL 'ARISH														
339 DAMANHUR	340	2	10	01	1	1	Cu	17.2	13	11	19	-1	88	0
342 MANSURA	340	3	10	00	1	0	—	16.8	14	10	22	+2	77	0
348 TANTA	00	0	20	02	0	0	—	17.5	11	11	20	-1	97	0
360 SHEBIN EL KOM	340	2	10	01	1	2	Sc	17.3	14	10	20		77	0
354 ZAGAZIG	00	0	10	02	0	0	—	17.6	8	6	22	+2	88	0
441 ISMA'ILIA														
366 CAIRO (A)	00	0	12	03	0	3	Sc	16.7	14	11	18		82	0
372 CAIRO ALMAZA (A)	350	6	12	02	0	3	Sc,Cu	16.7	14	9	20	0	72	0
374 CAIRO EZBEKIYA											22	+1		
375 GIZA	360	6	8	01	0	4	Cu	17.2	13	10	20	0	82	0
378 HELWAN	320	4	4	05	0	0	—	17.1	14	10	19	0	77	0
381 FAYOUM	360	4	20	03	2	6	Cu,Sc	16.7	14	8	20	-2	67	0
387 MINYA (A)	330	5	7	01	6	3	Sc	17.1	14	5	21	-1	55	dr
393 ASYOUT (A)	290	4	10	03	0	3	Ac	18.5	15	4	20	-1	55	0
399 NAG' HAMADI	00	0	3	02	0	3	As	20.7	13	9	23	+1	77	0
402 QENA	220	4		00	0	0	—	18.0	14	8	23	-1	67	0
405 LUXOR (A)	280	1	12	02	0	0	—	16.7	15	4	24		48	0
414 ASWAN	360	6	12	02	0	0	—	16.4	20	2	26	+1	30	0
417 SIWA	20	2	14	01	1	2	Sc	20.6	13	6	19	-2	63	0
420 BAHARIYA	320	2	10	20	5	7	Sc	19.6	13	11	21	-1	88	dr
423 FARAFRA	300	5	12	03	2	6	Sc	21.3	14	-2	19		34	0
432 DAKHLA	290	10	8	01	2	5	Cu	20.4	15	1	20	-3	39	0
435 KHARGA	350	5	8	03	0	4	Cu	17.5	16	2	22	-2	39	0
450 SUEZ	00	0	10	01	0	0	—	17.0	16	8	22	+2	59	0
459 TOR														
462 HURGHADA	300	2	10	02	0	0	—	14.8	15	9	22	+2	68	0
465 QUSEIR	300	6	20	01	0	0	—	15.3	19	14	27	+4	73	0
641 PORT SUDAN	20	1	20	02	5	7	Sc	14.2	24	19	27		74	dr
600 WADI HALFA	340	10	22	02	0	0	—	17.6	17	1	24		34	0
640 ABU HAMAD	340	2	20	02	0	0	—	13.4	22	4	29		31	0
660 KAREIMA	200	9	21	02	0	0	—	14.4	22	-4	29		17	0
680 ATBARA	340	5	20	02	0	0	—	11.7	24	6	31		32	0
721 KHARTOUM	330	10	20	02	0	0	—	11.7	25	1	31		21	0
730 KASSALA	330	3	20	02	0	0	—	9.2	25	5	34		28	0
751 WAD MEDANI											34			
801 RENK											33			
802 ROSEIRES											35			
771 EL OBEID	360	6	20	02	0	0	—	12.4	23	-1	30		20	0
760 EL FASHER	20	7	20	01	0	0	—	13.5	21	-5	30		17	0
770 GENEINA	40	8	24	02	0	0	—	13.8	23	-7	31		13	0
840 MALAKAL	30	6	20	02	2	7	Cs	9.5	27	7	35		28	0
880 WAU	360	1	20	01	2	2	Cs	7.6	29	7	36		25	0
941 JUBA	270	1	20	04	1	2	Ci	5.9	29	9	37		29	0

At 0600 on SATURDAY 9th FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300 SALLOUM	290	12	16	02	2	7	Cu,Sc,Ac	19.4	+2.6	15	7	11	+2	59	0.2		
303 SIDI BARRANI	360	16	18	00	6	8	Cb	19.3		14	11	10		82	6	209	
306 MATRUH (A)	260	13	15	03	2	6	As	18.3	+1.4	11	9	10		88	18	225	
309 EL DABAA	00	0	10	00	0	7	Cu	16.9		12	8	10		77	2	153	
319 ALEXANDRIA	310	18	20	03	8	7	Cu,Sc,Ac	16.2	-1.6	18	11	13	+2	64	3	220	153
318 ALEXANDRIA (A)	290	14	10	80	8	7	Cb	16.3	-1.4	14	9	12	+2	72	0.3	178	118
330 DAMIETTA	220	2	1	10	1	2	Cu	16.2	-0.6	9	9	6	-2	97	0	180	76
333 PORT SA'ID (A)	250	11	12	03	0	2	Cu,Ac	15.4	-2.4	13	11	11	-1	88	0		
336 EL 'ARISH																	
339 DAMANHUR	290	2	4	03	6	4	Cu	16.7	-0.3	12	10	9	+1	88	0.6	109	68
342 MANSURA	160	3	3	01	1	5	Sc	16.2	-0.7	9	7	7	0	88	0	58	33
348 TANTA																67	26
360 SHEBIN EL KOM	70	2	10	01	1	2	Cu	16.7	-1.0	11	7	10		77	0	51	
354 ZAGAZIG	220	2	10	03	1	5	Cu	17.2	-0.6	10	8	5	-1	88	0	43	17
441 ISMA'ILIA																	
366 CAIRO (A)	210	5	6	05	6	7	Sc	16.8		12	11	10		94	8	45	
372 CAIRO ALMAZA (A)	190	10	3	02	6	8	Sc,Ac	16.6	-2.0	12	10	11	+2	88	12	50	
374 CAIRO EZBEKIYA										12	9	10	+2	82	2	89	16
375 GIZA	230	7	2	20		7	Sc	17.6	0.0	12	9	11	+5	82	2	44	16
378 HELWAN	00	0	3	61	5	8	As	17.8	-0.6	11	11	10	+1	97	3	30	17
381 FAYOUM	270	4	20	02	6	7	Cb	17.4	-0.5	12	10	10	+3	88	2	13	5
387 MINYA (A)	310	8	7	02	2	8	Cb,Ac,As	17.7	-2.3	12	7	9	+4	72	dr	dr.	
393 ASYOUT (A)	260	3	14	03	0	3	Sc	20.0	+0.7	10	4	8	+2	67	0	dr.	
399 NAG' HAMADI	00	0	3	02	0	3	Ac,Cu	19.5	+1.6	10	6	6	+1	76	0	1	
402 QENA	240	5	10	00	0	0	—	19.4	+1.8	12	8	7	0	77	0	dr.	
405 LUXOR (A)	120	9	22	02	0	0	—	19.0	+1.2	12	5	7		63	0	0	
414 ASWAN	00	0	14	02	0	0	—	19.2	+1.1	13	5	8	-3	59	0	0	
417 SIWA	330	4	15	01	1	0	—	20.9	+1.3	9	5	8	+3	76	0	22	6
420 BAHARIYA	240	8	20	20	5	6	Ac,As	19.7	+1.1	10	9	8	+2	94	dr	2	6
423 FARAFRA	00	0	15	02	0	0	—	21.9		10	3	6		62	0	dr.	
432 DAKHLA	250	3	15	03	0	3	Ac,As	22.6	+3.4	10	-5	5	-1	35	0	1	
435 KHARGA	00	0	12	03	0	2	Cu	19.0	+0.6	11	2	8	+1	54	0	3	
450 SUEZ	00	0	20	00	6	7	Ac	17.1	-0.3	12	10	7	-3	88	dr	26	11
459 TOR																	
462 HURGHADA	300	16	20	02	0	1	Cu	15.6	-2.1	15	4	10	+1	48	0	dr.	
465 QUSEIR	260	4	20	02	0	0	—	17.7	+1.5	17	4	12	-2	42	0	dr.	4
641 PORT SUDAN	330	1	20	03	1	5	Sc,Cu	14.1		23	19	20		79	0		
600 WADI HALFA	10	9	20	02	0	0	—	21.6		12	2	9		51	0		
640 ABU HAMAD	360	13	24	02	0	0	—	17.1		15	-2	13		32	0		
660 KAREIMA	30	7	21	02	0	0	—	19.2		12	-9	9		33	0		
680 ATBARA	340	15	13	07	0	0	—	15.5		17	-5	15		22	0		
721 KHARTOUM	340	13	20	01	0	0	—	16.5		16	-3	15		28	0		
730 KASSALA																	
751 WAD MEDANI	360	9	50	02	0	0	—	16.1		17	2	14		28	0		
801 RENK	310	6	20	02	0	0	—	16.1		19	2	14		32	0		
802 ROSEIRES	310	5	20	02	0	0	—	14.1		20	7	17		43	0		
771 EL OBEID	10	15	20	02	0	0	—	17.3		15	-2	12		32	0		
760 EL FASHER	360	10	30	03	0	2	Cs	19.6		13	-3	10		34	0		
770 GENEINA	50	15	50	02	0	1	Cs	19.7		13	6	13		26	0		
840 MALAKAL	30	16	20	02	2	5	Ac,Cs	13.9		21	-1	19		23	0		
880 WAU	340	4	20	03	0	2	Ci	12.4		22	-2	19		20	0		
941 JUBA	360	1	20	04	0	5	Ac	15.8		24	10	18		41	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Alex. (A)		P. Said		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2		9-2	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	16	20	10	280	14	300	14	310	17	290	14	320	31	300	26	320	16	320	16	280	32
600 m.	340	16	30	10	270	8	300	22	300	18	310	20	320	35	310	45	320	22	320	15	280	30
1000 m.	330	18	320	18	210	1	300	24	290	19	300	14	320	34	310	40	320	27	320	19	280	40
1500 m.	320	17	330	14	210	4	300	25	300	17	290	17	320	29	320	16					00	0
2100 m					220	6					290	12	300	11	290	12					230	14
2400 m					240	5					270	17	310	40							230	20
3000 m.					220	3					290	19										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga				Hurghada	
DATE	10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2				10-2	
TIME	3		2		2		2		2		2		2		3		3				8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	22	340	21	300	19	230	8	320	17	310	14	280	8	320	18	340	16			320	54
600 m.	280	21	340	23	300	18	300	10	330	17	340	23	320	16	340	20	350	24			310	32
1000 m.	290	15	340	21	330	19	300	20	340	18	340	23	330	17	360	30	340	22			140	9
1500 m.			350	27	330	13	330	23	330	23	330	31	320	35			330	21			260	15
2100 m			350	25	330	21	340	31	340	23	330	34	340	25							340	27
2400 m.													330	42							340	27
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	270	14	260	33	300	20	280	9	300	3	310	10	300	4	330	7	330	7	320	13	340	5
600 m	290	17	270	27	300	22	310	16	340	7	310	13	330	10	330	10	330	10	340	22	340	14
1000 m	280	23	290	18	300	21	310	18					330	10	330	11	330	13	310	17	340	21
1500 m.	300	25	310	27			320	54					330	15	330	23	20	35			350	38
2100 m			300	33			340	54					340	32	330	24	350	16				
2400 m													350	24	340	21	350	17				
3000 m.													350	26	340	24						
4000 m															330	28						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	9-2					9-2														
TIME	16					11														
	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	13				25	14													
1000 mb	154	12				188	13													
950 mb																				
900 mb.																				
850 mb	1494	4				1533	3													
800 mb.																				
700 mb.	3036	-6				3081	-5													
600 mb.																				
500 mb	5586	-24				5639	-24													
400 mb.	7174	-37				7240	-34													
300 mb.	9121	-44				9197	-47													
200 mb.	11830	-48				11810	-54													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. .

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 10th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail. " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow :

Rainy weather has come to an end all over the Republic. Weather conditions improving. Mild weather during daytime, rather cold during night. Some low clouds on northern coast. Winds mainly moderate westerly in Lower Egypt & Cairo. In Upper Egypt : Moderate NWly winds and clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 39 U.T. / Sunset 15 40 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 9th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOUM	350	9	18	01	5	6	cu, Sc, AC	20.5	18	8	52
	303	SIDI BARRANI	350	12	18	02	2	6	cu, Sc, AC	19.6	16	12	77
	306	MATRÛH (A)	340	13	18	02	6	6	cb, AC, ci	18.4	16	11	72
	309	EL DAB'AA	00	0	20	00	0	4	ci	17.6	16	10	68
	319	ALEXANDRIA	310	11	20	01	6	5	cu, cc	16.4	16	8	59
	318	ALEXANDRIA (A)	330	14	12	02	8	6	cu, AC, AS	15.9	17	9	60
	330	DAMIETTA	320	5	10	02	1	6	Sc	14.7	16	10	68
	333	PORT SAID (A)	220	2	18	02	0	5	cb	14.1	17	11	68
	336	EL ARISH											
Lower Egypt	339	DAMANHÛR	330	9	10	02	1	4	cu, Sc	15.8	18	8	52
	342	MANSÛRA	270	3		03	5	6	NS	14.4	16	12	77
	348	TANTA	00	0	20	60	6	8	St	13.5	12	10	88
	360	SHEBÎN EL KÔM	20	5	20	01	6	4	Sc	15.5	14	8	67
	354	ZAGAZIG											
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	320	15	20	80	2	7	cb, AC, CS	15.3	16	8	59
	372	CAIRO ALMÀZA (A)	290	14	20	02	2	7	cu	15.2	16	8	59
	314	CAIRO EZBEKÎYA											
	375	GIZA	290	12	12	80	8	6	cu	16.2	16	10	68
	378	HELWÂN	290	12	20	02	6	8	cb	15.7	16	9	64
Upper Egypt	381	FAYOÛM	290	6	20	02	5	6	cb	16.4	17	8	56
	387	MINYA (A)	320	22	10	62	2	7	Sc	16.8	15	9	68
	393	ASYOÛT (A)	320	10	14	02	0	7	Sc	19.0	17	6	47
	399	NAG' HAMÂDI											
	402	QENA	290	4	20	03	1	0	—	17.0	18	3	27
	405	LUXOR (A)											
	414	ASWÂN	320	15	15	02	0	0	—	17.2	20	-1	24
Oases	417	SÎWA	340	14	16	03	1	5	cu	20.9	17	7	36
	420	BAHARÎYA	290	7	20	03	2	6	Sc	18.0	15	10	60
	423	FARAFRA	30	9	20	03	0	6	cu	20.6	18	2	24
	432	DAKHLA	310	10	20	03	1	5	cu	19.8	17	-1	28
	435	KHARGA	340	8	20	03	2	6	cb	17.4	[illegible]	3	33
Red Sea	450	SUEZ	180	7	50	02	6	7	AC	[illegible]	16	10	68
	459	TÔR											
	462	HURGHÂDA	300	18	22	03	1	3	cu, Sc	16.2	22	5	30
	465	QUSEIR	240	8	20	01	0	1	ci	15.0	23	3	18
	641	PORT SÛDÂN	20	12	10	21	6	3	Sc	[illegible]	26	21	74
North Sudan	600	WÀDI HALFA	330	13	14	02	0	0	—	18.?	27	1	19
	640	ABU HAMAD	210	5	20	02	0	0	—	14.0	25	-1	18
	660	KAREIMA	20	11	18	07	0	0	—	15.8	29	-2	19
	680	'ATBARA	340	10	13	07	0	0	—	11.4	28	-1	15
	721	KHARTOÛM	350	14	20	02	0	0	—	12.0	27	-2	15
	730	KASSALA	350	3	20	02	0	0	—	7.2	32	15	36
Central Sudan	751	WÀD MEDANI											
	801	RENK	310	9	20	02	0	5	AC	12.6	28	6	25
	802	ROSEIRES	310	5	20	02	1	3	AC	[illegible]	32	7	21
	771	EL OBEID	10	16	20	02	0	0	—	12.1	25	1	21
	760	EL FASHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	30	13	10	02	2	7	AC, AS, Sc	7.8	29	3	19
	880	WÂU	20	7	20	03	1	4	AC	7.5	32	0	13
	941	JUBA	40	8	10	04	2	6	cu	[illegible]	35	18	37

At 1800 on 9th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOUM	340	12	10	01	0	2	Sc	21.7	14	9	19	0	72	0.4
303	SIDI BARRANI	350	15	16	02	2	4	cu, Sc	21.6	15	11	17		77	0
306	MATRÛH (A)	340	16	10	01	0	1	cu	20.8	14	10	16		77	1
309	EL DAB'AA	00	0		00	0	7	cu	19.8	14	10	17		77	0
319	ALEXANDRIA	360	11	20	01	1	6	—	19.1	15	9	17	-2	68	dr
318	ALEXANDRIA (A)	340	8	10	03	8	5	cu, Sc	18.7	13	11	18		88	10
330	DAMIETTA	320	2		01	6	3	cb	17.2	13	9	17	-1	77	7
333	PORT SAID (A)	290	12	12	13	8	5	cb	16.3	14	8	19	+1	67	1
336	EL ARISH														
339	DAMANHÛR	330	2	10	01	1	1	cu	18.0	11	9	18	-2	88	0
342	MANSÛRA	320	3		03	1	6	NS	17.2	13	7	19	-1	67	dr
348	TANTA	330	4	20	03	2	7	cu	18.3	11	9	19	-2	88	4
360	SHEBÎN EL KÔM	340	2	10	01	6	4	Sc	18.2	12	8	18		77	2
354	ZAGAZIG	00	0	10	02	0	0	—	17.2	11	9	20		88	1
441	ISMA'ILIA														
366	CAIRO (A)	260	7	12	03	8	5	Sc, AC	18.2	12	9	17		82	dr
372	CAIRO ALMÀZA (A)	200	7	10	03	8	7	Sc	18.2	11	9	17	-3	88	1
314	CAIRO EZBEKÎYA											20	-1		
375	GIZA	120	4	10	01	8	1	cu	18.7	10	9	18	-2	94	2
378	HELWÂN	00	0	10	31	6	4	AS	18.6	10	10	16	-3	97	2
381	FAYOÛM	290	6	20	05	—	4	cb	18.6	19	9	19	-3	52	dr
387	MINYA (A)	340	4	7	02	1	5	Sc	18.2	12	8	17	-5	77	2
393	ASYOÛT (A)	210	3	10	03	0	7	AC, AS	20.0	14	6	18	-3	59	0
399	NAG' HAMÂDI	00	0	9	02	0	4	AS	18.8	14	8	20	-2	67	0
402	QENA	320	2		02	1	2	AC	19.4	12	8	19	-5	77	0
405	LUXOR (A)	270	4	12	02	0	1	cu	19.6	13	6	21		63	0
414	ASWÂN	320	2	12	02	0	0	—	19.9	16	3	21	-4	42	0
417	SÎWA	340	3	14	03	1	3	Sc	22.9	14	7	20	-1	63	0
420	BAHARÎYA	320	5	10	20	5	1	Sc	20.5	13	11	19	-3	88	dr
423	FARAFRA	320	4	12	01	1	4	AC	22.8	14	3	19		48	0
432	DAKHLA	290	5	50	02	1	0	—	22.2	14	-1	19	-4	36	0
435	KHARGA	00	0	20	02	2	0	—	20.3	15	0	21	-3	36	0
450	SUEZ	00	0	10	01	6	6	AC	18.3	15	9	18	-3	68	2
459	TÔR														
462	HURGHÂDA	310	21	10	02	0	3	cu, Sc	17.2	16	5	22	+2	49	0
465	QUSEIR	270	12	20	01	0	0	—	16.8	18	3	23	0	37	0
641	PORT SÛDÂN	350	8	20	14	1	7				17	28			dr
600	WÀDI HALFA	340	8	20	02	0	0	—	24.8	15	0	27		36	0
640	ABU HAMAD	340	13	22	02	0	0	—	17.0	18	-4	25		22	0
660	KAREIMA	360	9	21	02	0	0	—	18.6	17	-3	24		26	0
680	'ATBARA	330	7	20	02	0	0	—	15.2	21	-3	29		20	0
721	KHARTOÛM	350	9	20	02	0	0	—	15.9	21	-8	27		14	0
730	KASSALA	320	5	20	02	0	0	—	11.3	25	10	33		39	0
751	WÀD MEDANI											31			
801	RENK											30			
802	ROSEIRES											33			
771	EL OBEID	360	6	20	02	0	0	—	16.1	19	0	26		28	0
760	EL FASHER	350	10	20	03	0	3	cs	16.5	20	-2	26		23	0
770	GENEINA	40	10	30	02	0	0	—	16.6	20	-12	25		11	0
840	MALAKÂL	10	7	20	01	2	3	AC	11.7	24	7	32		34	0
880	WÂU	360	1	20	01	1	0	—	10.1	27	7	34		28	0
941	JUBA	00	0	20	04	2	7	AC, AS	8.3	28	12	36		37	0

At 0600 on SUNDAY 10th FEBRUARY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar. Pressure		Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOUM	260	20	14	02	0	0	—	23.5	+6.7	11	4	10	+1	63	0.4	225	
303	SIDI BARRANI	230	13	18	02	0	3	AC	[illegible]		10	2	8		58	0	209	
306	MATRÛH (A)	220	14	16	13	1	7	Sc	22.5	+5.6	11	9	9		88	1	226	
309	EL DAB'AA	00	0	18	00	0	2	AS	22.1		11	9	9		88	0	153	
319	ALEXANDRIA	350	11	20	02	0	3	cu	[illegible]	+3.8	15	9	14	+3	68	0.5	220	154
318	ALEXANDRIA (A)	310	10	14	02	2	4	cu	[illegible]	+4.0	15	9	13	+3	68	10	188	119
330	DAMIETTA	220	2	4	50	5	5	cu, Sc	[illegible]	[illegible]	12	8	7	-1	77	8	188	77
333	PORT SAID (A)	270	14	12	32	0	1	Sc	[illegible]	[illegible]	13	11	11	-1	88	1		
336	EL ARISH																	
339	DAMANHÛR	310	2	10	03	0	1	cu	[illegible]	+4.3	12	10	8	0	88	0	108	69
342	MANSÛRA	340	3		00	0	0	—	[illegible]	+3.9	12	8	8	+1	77	dr	58	34
348	TANTA	230	1	20	01	1	1	cu	21.8	+4.4	9	7			88	4	71	27
360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	21.8	+4.1	10	8	8		88	2	53	
354	ZAGAZIG	00	0	10	02	0	0	—	20.6	+3.9	8	8	6	-1	97	1	44	17
441	ISMA'ILIA																	
366	CAIRO (A)	250	5	8	05	0	0	—	[illegible]		10	9	8		94	dr	46	
372	CAIRO ALMÀZA (A)	190	7	15	01	0	0	—	[illegible]	+3.4	11	9	9	0	88	1	51	
314	CAIRO EZBEKÎYA										11	8	9	+1	82	1	40	16
375	GIZA	180	1	[illegible]	10	—	0	—	22.4	+4.8	10	9	7	+1	94	2	46	17
378	HELWÂN	00	0	10	02	2	8	AS	[illegible]	+4.5	9	9	8	-1	97	2	32	17
381	FAYOÛM	290	4	20	01	1	1	cu, Sc	[illegible]	+5.5	9	7	7	0	88	dr	13	5
387	MINYA (A)	200	1	18	02	4	0	—	22.4	+2.4	7	5	5	0	87	2	2	
393	ASYOÛT (A)	270	4	12	33	0	1	ci	[illegible]	+4.7	10	7	8	+2	82	dr	dr	
399	NAG' HAMÂDI	00	0		02	0	3	AC, AS	23.1	+5.3	13	7	8	+3	67	0	1	
402	QENA	270	2	10	03	0	0	—	23.1	+5.5	12	8	6	-2	77	0	dr	
405	LUXOR (A)	20	0	22	02	0	0	—	22.1	+4.4	13	6	7		63	0	0	
414	ASWÂN	00	0	14	32	0	0	—	21.8	+3.8	13	4	8	-3	55	0	0	
417	SÎWA	300	4	15	02	0	0	—	20.3	+6.5	8	5	7	+2	82	0	22	6
420	BAHARÎYA	320	3	10	03	0	1	AC	24.4	+5.9	11	9	9	+3	88	dr	2	6
423	FARAFRA	210	1	14	02	0	0	—	26.7		10	6	8		76	0	dr	
432	DAKHLA	00	0	20	02	0	0	—	20.2	+7.0	9	2	7	+1	62	0	1	
435	KHARGA	00	0	13	03	0	1	cu	22.3	+4.0	12	6	6	-1	67	0	3	
450	SUEZ	100	6	20	00	0	3	cu	21.7	+4.4	13	3	3	-7	51	2	28	11
459	TÔR																	10
462	HURGHÂDA	310	20	22	02	0	1	cu	19.7	+2.0	15	4	10	+1	48	0	dr	
465	QUSEIR	260	11	20	03	0	1	Sc, cu	19.5	+3.1	16	8	13	-1	59	0	dr	4
641	PORT SÛDÂN	330	9	20	02	2	7	Sc	21.2		22	11	20		50	dr		
600	WÀDI HALFA	340	5	20	02	0	0	—	25.2		9	0	5		54	0		
640	ABU HAMAD	340	5	24	02	0	0	—	22.2		13	-2	9		36	0		
660	KAREIMA	10	9	21	02	0	0	—	22.9		13	-2	8		36	0		
680	'ATBARA	360	18	5	07	0	1	ci	20.3		15	-3	11		30	0		
721	KHARTOÛM	340	26	18	05	0	2	ci	20.5		15	-1	13		34	0		
730	KASSALA	340	4	20	02	0	0	—	18.3		16	0	11		34	0		
751	WÀD MEDANI	360	13	50	02	0	0	—	20.6		15	-2	11		32	0		
801	RENK	360	9	20	02	0	3	AC	19.5		18	-3	15		24	0		
802	ROSEIRES	310	9	20	02	0	1	AC	18.2		19	0	16		28	0		
771	EL OBEID	340	16	20	02	0	0	—	21.1		13	-1	8		38	0		
760	EL FASHER	20	7	30	01	0	1	ci	23.0		11	-5	7		33	0		
770	GENEINA	40	20	10	02	0	0	—	22.1		12	-10	10		21	0		
840	MALAKÂL	30	19	20	02	2	7	AC	16.4		20		19			0		
880	WÂU	360	6	20	02	2	6	AC, AS	15.3		21	-2	19		21	0		
941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada			
DATE	10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2		10-2			
TIME	14		14		14		14		14		14		14		14		14		14			
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	26	300	17	330	9	330	11	330	10	300	13	320	24			350	10				
600 m.	290	23	270	17	340	10	320	20	320	10	300	11	320	32	340	14	340	8	310	17		
1000 m	280	22	260	16	330	7	320	25	330	10	300	8	320	35	330	17	340	9	300	19		
1500 m.	300	23	270	15	320	6	330	13	330	15	300	14	320	30	320	22	350	13	290	15		
2100 m.			290	25	10	6			330	18	310	22	330	36					320	29		
2400 m.			290	35	340	3			340	25	310	25	320	16					330	36		
3000 m.			300	40	280	8					320	28							320	29		
4000 m.			300	44	320	22													310	39		
5000 m			320	51																		
6000 m.			300	71																		

STATION	Alex.(A)		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga									
DATE	11-2		11-2		11-2		11-2		11-2		11-2		11-2									
TIME	2		2		2		2		2		3		3									
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	17	250	12	290	9	290	3	330	7	300	10	10	6								
600 m.	270	20	260	12	260	10	310	10	350	13	350	23	360	12								
1000 m.	270	17	270	17	290	12	320	14	350	18	330	18	350	15								
1500 m.					300	16	300	17	340	24			340	15								
2100 m.									350	25			340	10								
2400 m.									350	27												
3000 m.									350	38												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallaum		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2	
TIME	8		8		9		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	320	7	280	10	220	51	240	3	290	3	40	2	280	13	250	8	310	5	30	4	320	13
600 m.	340	8	300	14	260	11	280	10	300	6	250	14	280	10	320	10	350	17	10	12	330	10
1000 m			250	7	260	17	280	10	310	9	350	10	280	13	340	12	310	15	350	11	330	15
1500 m.			300	10	270	21	310	10	320	12	320	6	290	13	330	14	10	8	330	11	320	10
2100 m					260	12	340	40			340	16	290	17	330	14			10	12	320	6
2400 m					270	14	290	18			340	23	300	30	340	17			10	12	290	15
3000 m							300	22			350	31	320	64	330	9			360	14	330	23
4000 m															290	12						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	10-2																					
TIME	14																					
	ALT. m	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18																		
1000 mb.	181	17		340	17															
950 mb																				
900 mb.																				
850 mb.	1532	2		270	15															
800 mb																				
700 mb	3075	-4		300	40															
600 mb.																				
500 mb	5678	-17		300	66															
400 mb.	7315	-29																		
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 11th FEBRUARY 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be mild by day, cold by night all over the Republic. Low clouds over Lower Egypt & Cairo during daytime, increasing at noon. Moderate NW winds.

In Upper Egypt: Mainly clear. Light N ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 38 U. T.
" " Sunset 15 41 U. T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 10th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	270	16	20	01	0	2	cu	21.5	19	8	49	
	303	SÎDI BARRÂNI	270	16	18	03	1	4	Sc, cu	20.6	16	11	72	
	306	MATRÛḤ (A)	260	16	16	02	0	4	cu, Sc	21.0	16	8	59	
	309	EL ḌAB'AA	00	0	20	00	0	2	cu	20.4	16	8	59	
	319	ALEXANDRIA	310	16	20	02	0	3	cu	20.4	17	9	60	
	318	ALEXANDRIA (A)	270	18	12	03	0	5	cu	20.3	19	10	56	
	330	DAMIETTA	320	9	20	01	5	2	cu	19.2	17	11	68	
	333	PORT SA'ÎD (A)												
	336	EL 'ARISH												
Lower Egypt	339	DAMANHÛR	310	9	10	01	1	3	cu	20.2	18	10	60	
	342	MANṢÛRA	360	5		03	1	7	ns	20.0	19	9	52	
	348	ṬANṬA	360	8	20	03	2	6	cu	20.4	18	10	60	
	360	SHEBÎN EL KÔM	290	5	20	01	1	3	cu	20.4	18	8	52	
	354	ZAGAZIG	220	4	20	03	1	7	cu	20.9	18	10	60	
	441	ISMA'ILÎA												
Cairo Area	366	CAIRO (A)	310	11	16	01	2	5	cu	20.7	18	6	46	
	372	CAIRO ALMÂZA (A)	260	10	25	02	1	6	cu	20.6	18	6	46	
	374	CAIRO EZBEKÎYA												
	375	GIZA	280	10	15	01	2	5	cu	21.4	18	9	56	
	378	ḤELWÂN	00	0	20	02	2	6	cu	21.5	16	10	68	
Upper Egypt	381	FAYOÛM	330	4	20	03	1	4	cu, Sc	21.8	19	7	46	
	387	MINYA (A)	10	10	9	02	1	6	cu	21.9	19	7	46	
	393	AṢYOÛṬ (A)	340	9	14	03	0	4	Sc	22.3	18	7	49	
	399	NAG' HAMÂDI	290			02	0	3	Ac	20.6	20	8	40	
	402	QENA	290	3	20	00	0	0		20.6	20	6	41	
	405	LUXOR (A)	320	12	22	02	0	1	cu	20.2	20	[illegible]	+1	
	414	ASWÂN	350	14	16	02	0	2	cu	20.6	20	3	33	
Oases	417	SÎWA	290	16	16	01	0	0	—	23.8	19	[illegible]	37	
	420	BAḤARÎYA	320	7	20	03	0	3	cu	23.0	19	11	60	
	423	FARAFRA	270	10	20	03	0	2	Sc, cu	24.8	20	4	35	
	432	DAKHLA	320	9	25	03	0	3	cu	23.5	19	1	30	
	435	KHARGA	250	2	20	01	2	1	cu	21.4	22	6	36	
Red Sea	450	SUEZ	310	12	50	03	0	5	cu	20.0	20	8	46	
	459	TÔR												
	462	HURGHÂDA												
	465	QUSEIR	350	12	20	03	0	2	ac	19.0	21	7	41	
	641	PORT SÛDÂN	40	17	15	07	1	1	Sc	16.7	24	7	34	
North Sudan	600	WÂDI ḤALFA	360	16	20	02	0	0	—	21.0	21	5	35	
	640	ABU ḤAMAD	340	18	20	07	0	1	ci	18.0	23	5	15	
	660	KAREIMA	50	11	18	07	0	0	—	19.9	22	-5	16	
	680	ʿAṬBARA	360	15	7	07	0	0	—	16.4	23	-7	13	
	721	KHARṬOÛM	360	15	20	02	0	0	—	16.5	24	-4	16	
	790	KASSALA	310	5	20	02	0	0	—	12.5	28	4	22	
Central Sudan	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES	310	9	20	02	1	2	Ac	14.5	25	3	24	
	771	EL OBEID	50	5	20	02	0	1	Ac	14.3	28	2	19	
	760	EL FASHER	30	16	20	03	0	1	Ac	16.6	22	-2	20	
	770	GENEINA	40	10	30	02	0	1	cs	16.6	22	-3	19	
			60	17	30	02	0	0	—	14.8	23	-17	6	
S. Sudan	840	MALAKÂL	20	16	20	02	2	2	Ac, cs	12.3	28	-2	14	
	880	WÂU	50	4	20	02	2	6	Ac, cs	11.1	29	2	18	
	941	JUBA	50	7	20	04	0	2	cu, ci	8.3	33	7	20	
Retards														

At 1800 on 10th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %
SALLOÛM	330	18	10	02	0	0	—	20.5	17	7	21	+2	52
SÎDI BARRÂNI	350	4	15	02	0	0	—	20.4	12	10	17		88
MATRÛḤ (A)	250	7	17	02	0	0	—	21.0	11	10	17		94
EL ḌAB'AA													
ALEXANDRIA	270	20	20	03	0	7	cu, Sc	21.7	16	8	18	-1	59
ALEXANDRIA (A)	280	15	12	03	0	8	Sc	21.0	16	9	19	0	64
DAMIETTA	320	2		03	5	8	Ac, cs	20.0	15	11	17	-1	77
PORT SA'ÎD (A)													
EL 'ARISH													
DAMANHÛR	310	2	10	02	0	0	—	21.0	12	10	19	-1	88
MANṢÛRA	340	5		03	2	8	ns	20.6	15	9	20	0	68
ṬANṬA	320	2	20	02	0	0	—	21.5	11	9	20	-1	88
SHEBÎN EL KÔM	320	2	10	01	0	3	Sc	21.2	12	8	19		77
ZAGAZIG	00	0	10	03	1	7	cu	21.4	14	12	19	-1	88
ISMA'ILÎA													
CAIRO (A)	290	10	10	02	0	0	—	22.1	14	8	19		67
CAIRO ALMÂZA (A)	250	13	12	02	0	1	cu	21.6	15	7	20	0	59
CAIRO EZBEKÎYA											21	0	
GIZA	280	5	10	03	1	2	cu	22.4	13	9	20	0	77
ḤELWÂN	290	2	10	02	0	0	—	22.3	13	8	18	-2	72
FAYOÛM	330	4	20	01	1	3	cu, Sc	22.6	14	8	19	-3	67
MINYA (A)	290	5	8	02	0	0	—	22.7	12	5	20	-2	63
AṢYOÛṬ (A)	340	2	10	02	0	0	—	23.8	15	6	20	-1	55
NAG' HAMÂDI	290			02	0	3	Ac	22.4	14	10	21	-1	77
QENA	350	1		00	0	0	—	22.6	16	5	21	-3	49
LUXOR (A)	300	7	16	02	0	0	—	22.1	15	6	21		55
ASWÂN	350	2	12	02	2	0	—	22.6	17	5	22	-3	46
SÎWA	240	8	14	02	0	0	—	23.6	13	4	19	-2	55
BAḤARÎYA	320	2	10	02	0	0	—	23.6	12	7	20	-2	72
FARAFRA	290	2	12	02	0	0	—	25.5	13	1	20		44
DAKHLA	350	4	10	02	0	0	—	24.4	16	-5	20	-4	24
KHARGA	00	0	8	02	0	0	—	22.4	15	3	22	-2	45
SUEZ	270	7	10	01	0	2	cu	22.2	17	7	21	0	52
TÔR													
HURGHÂDA	320	18	12	02	0	0	—	21.1	17	9	20	0	60
QUSEIR	310	14	20	01	0	1	Ac	20.5	18	8	21	-2	52
PORT SÛDÂN	00	6	20	01	2	1	Sc	19.6	21	9	25		47
WÂDI ḤALFA	360	8	20	02	0	0	—	22.9	16	4	23		45
ABU ḤAMAD	360	5	24	02	0	0	—	19.9	17	-2	23		28
KAREIMA	30	10	20	02	0	0	—	20.4	18	-4	23		22
ʿAṬBARA	350	8	20	03	0	1	ci	17.8	19	-4	24		21
KHARṬOÛM	360	7	20	01	0	0	—	18.1	19	-3	24		23
KASSALA	310	3	20	03	0	1	Ac	14.9	21	12	28		57
WÂD MEDANI													
RENK													
ROSEIRES													
EL OBEID	30	7	20	02	0	0	—	17.7	18	-3	23		24
EL FASHER	50	10	20	01	0	1	ci	17.5	19	-1	24		26
GENEINA	40	10	30	02	0	0	—	16.3	20	-15	25		9
MALAKÂL	20	11	20	02	0	1	cs	13.8	23	1	30		24
WÂU	40	3	20	02	0	2	cs	12.2	25	5	31		28
JUBA	360	6	20	04	6	3	ci	10.0	25	8	35		34

At 0600 on MONDAY 11th FEBRUARY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	280	18	16	02	0	0	—	21.0	+4.2	12	5	11	+2	63	0	225	
SÎDI BARRÂNI	350	10	18	01	2	5	Sc	20.6		11	9	10		88	0	209	
MATRÛḤ (A)	240	13	15	02	2	5	cu	20.7	+3.9	11	9	9		88	0	226	
EL ḌAB'AA	00	0	10	00	0	0	—	20.4		10	8	9		88	0	153	
ALEXANDRIA	220	4	20	01	1	0	—	20.8	+3.1	12	8	10	-1	77	0	220	155
ALEXANDRIA (A)	230	10	12	02	0	0	—	20.5	+2.8	11	8	10	0	82	dr	188	120
DAMIETTA	200	2	10	01	1	1	Ac	20.3	+3.6	10	10	7	-2	97	dr	188	78
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	20	00	0	0	—	20.3	+3.4	10	8	8	0	88	0	108	69
MANṢÛRA	140	3		00	0	0	—	21.1	+4.3	8	6	7	0	88	0	58	34
ṬANṬA	220	5	20	02	0	0	—	21.8	+4.5	11	7	8	+1	77	0	71	27
SHEBÎN EL KÔM	20	2	10	01	0	1	cu	22.0	+4.4	10	6	8		76	0	53	
ZAGAZIG	220	2	10	03	1	3	As	20.8	+3.2	9	7	7	0	88	0	44	17
ISMA'ILÎA																	
CAIRO (A)	220	14	12	03	0	3	Ac	21.8		12	7	9		72	0	46	
CAIRO ALMÂZA (A)	170	13	12	03	0	4	Sc, cu, Ac	22.0	+3.4	11	6	10	+1	71	0	51	
CAIRO EZBEKÎYA										12	7	9	+1	72	0	40	16
GIZA	180	9	8	02	—	2	As, cc	23.1	+5.5	10	7	8	+2	82	0	46	17
ḤELWÂN	160	10	10	02	1	4	Sc	23.4	+5.1	10	6	8	-1	76	0	32	17
FAYOÛM	200	4	20	02	0	0	—	23.8	+6.1	9	6	7	0	82	0	13	5
MINYA (A)	180	5	8	02	0	0	—	24.6	+4.7	9	4	5	0	71	0	2	
AṢYOÛṬ (A)	00	0	12	02	0	0	—	25.1	+5.9	8	2	7	+1	66	0	dr	
NAG' HAMÂDI	00	0		01	0	2	As	24.7	+6.9	10	3	6	+1	62	0	1	
QENA			10	00	0	0	—	25.0	+7.5	12	8	4	-4	77	0	dr	
LUXOR (A)	30	0	12	02	0	0	—	24.2	+6.5	11	4	5		63	0	0	
ASWÂN	00	0	14	02	2	0	—	23.1	+5.1	12	4	8	-3	59	0	0	
SÎWA	280	5	16	02	0	0	—	23.2	+3.7	8	3	6	+1	71	0	22	6
BAḤARÎYA	220	8	20	02	0	0	—	24.0	+5.6	11	6	6	0	71	0	2	6
FARAFRA	240	4	15	02	0	0	—	26.4		6	0	4		66	0	dr	
DAKHLA	00	0	18	02	0	0	—	26.3	+7.2	7	-5	5	-1	43	0	1	
KHARGA	00	0	15	02	0	0	—	23.4	+5.1	11	5	4	-3	67	0	3	
SUEZ	00	0	20	00	0	2	cu	23.5	+6.3	12	10	6	-4	88	0	28	11
TÔR																	10
HURGHÂDA	300	8	22	02	0	1	cu	22.5	+4.9	15	6	9	0	55	0	dr	
QUSEIR	340	6	20	02	0	1	ci	22.7	+6.6	17	4	12	-2	42	0	dr	4
PORT SÛDÂN	330	8	20	03	0	2	Sc	21.4		20	7	15		43	0		
WÂDI ḤALFA	00	0	20	02	0	0	—	24.6		9	3	6		67	0		
ABU ḤAMAD																	
KAREIMA	60	3	21	02	0	0	—	21.7		11	-3	8		38	0		
ʿAṬBARA	10	12	20	02	0	2	ci	19.7		14	-1	11		36	0		
KHARṬOÛM	360	12	20	02	0	0	—	19.4		13	-1	9		38	0		
KASSALA	40	11	16	07	0	0	—	16.0		19	11	11		60	0		
WÂD MEDANI	360	9	50	02	0	0	—	18.1		15	-2	9		32	0		
RENK																	
ROSEIRES	310	2	20	02	0	1	Ac	18.8		16	0	12		34	0		
EL OBEID	10	9	20	03	0	2	ci	19.7		13	-3	9		34	0		
EL FASHER	360	5	20	02	0	0	—	23.2		8	-3	5		46	0		
GENEINA	40	17	30	02	0	0	—	20.8		12	-7	10		26	0		
MALAKÂL	30	15	20	01	1	4	cs	16.1		19	-3	16		23	0		
WÂU	360	3	20	02	0	1	ci	15.1		17	-9	15		16	0		
JUBA	320	8	20	04	2	7	cs	13.9		22	2	16		27	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla	
DATE	11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2		11-2	
TIME	14		14		16		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	6	280	10	280	10	280	9	290	12	140	5	300	3	350	6	290	15	340	6	330	11
600 m.	280	4	280	12	280	11	280	13	250	13	230	4	340	3	350	8	290	16	320	7	350	6
1000 m.	300	17	280	14	290	12	260	12	240	15	270	20	320	7	340	8	290	11	320	10	10	5
1500 m.			300	20	310	16	280	11	240	13	260	10	320	17	310	10	300	19	320	12		
2100 m.			300	26	310	20	300	18	300	18			290	17	340	10	300	15	340	15		
2400 m.			300	23	280	19	290	17	290	17			300	16	340	10	280	14	340	10		
3000 m.					290	20	290	29	290	29			330	16	340	10	340	23	280	17		
4000 m.									290	24							320	21	280	10		
5000 m.									290	35							300	23	290	31		
6000 m.									280	44												

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Asyout		Luxor				Dakhla		Kharga		Hurghada	
DATE	11-2		11-2				12-2		12-2		12-2		12-2				12-2		12-2		12-2	
TIME	14		14				2		2		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	7	360	14			240	18	220	9	360	4	20	10			10	4	40	6	340	5
600 m.	360	10	330	11			260	20	220	9	260	5	230	22			360	7	30	10	340	6
1000 m.	360	10	310	12			290	19	230	13	280	6	330	4			360	7	30	11	170	7
1500 m.	330	7	250	15			270	21	290	21	330	4	220	5			320	8			160	10
2100 m.	360	3	320	16			270	22	220	38	260	13	290	7			310	13			230	11
2400 m.	290	5	320	17			260	20	280	17			310	5							230	15
3000 m.	350	14	310	19									170	7							210	8
4000 m	320	19	300	28									270	14								
5000 m																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Cairo (A)		Heluan		Minya		Asyout		Luxor		Bahariya		Farafra	
DATE	12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2	
TIME	8		8		8		8		8		6 15		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	300	14	310	10	290	16	270	14	330	16	200	2	190	4	280	4	20	3	310	10	290	3
600 m.	330	15	310	15	300	17	280	17	220	17	210	12	270	11	260	7	350	7	310	15	300	7
1000 m.	320	13	310	18	310	13	300	26	270	13	260	14	260	12	280	8	350	6	300	19	320	7
1500 m.	310	23			310	10			80	15	280	19	310	17	310	8	230	5	310	16		
2100 m	310	22							260	19	300	13			290	15	190	8	310	23		
2400 m.											250	6					120	7	300	22		
3000 m.																			280	17		
4000 m.																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	11-2					11-2														
TIME	15,30					16														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	17				25	15													
1000 mb.	180	16		310	11	173	14		280	10										
950 mb.																				
900 mb																				
850 mb	1541	7		240	13	1528	8		320	14										
800 mb.																				
700 mb.	3133	3		290	29	3105	0		270	12										
600 mb.																				
500 mb.	5763	-15		240	45															
400 mb																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 12th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be mild by day, cold by night. Temp. expected to start falling from tomorrow, with low clouds gathering near the N. coast where there is a chance for light rain, becoming heavier later. Winds mainly moderate W½.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 38 U.T. / " " Sunset 15 41 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 11 th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	320	5	18	02	0	0	—	19.5	18	13	73
	303	SÎDI BARRÂNI	280	14	18	02	1	4	Sc	19.5	18	14	78
	306	MATRÛH (A)	320	12	16	01	0	2	cu, Sc	198	18	13	73
	309	EL DAB'AA	00	0	20	00	0	0	—	19.4	20	10	53
	319	ALEXANDRIA	270	11	20	03	0	2	cu	20.0	17	13	77
	318	ALEXANDRIA (A)	270	14	12	02	2	6	cu	19.5	20	13	64
	330	DAMIETTA	340	3	20	03	1	5	cu				
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	260	2	20	03	1	3	cu	19.9	20	11	56
	342	MANSÛRA	180	5		03	1	5	cb	19.6	21	10	50
	348	ṬANṬA	200	3	20	01	1	3	Sc, cu	20.4	20	8	46
	360	SHEBÎN EL KÔM	340	5	20	00	0	0	—	19.8	19	4	37
	354	ZAGAZIG	220	1	20	02	0	0	—	20.6	21	14	65
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	260	12	12	02	0	0	—	20.6	16	6	52
	372	CAIRO ALMÂZA (A)	210	13	25	02	0	0	—	19.8	20	7	43
	374	CAIRO EZBEKÎYA											
	375	GIZA	220	7	20	02	0	0	—	20.4	20	8	46
	378	ḤELWÂN	200	8	20	02	0	0	—	20.4	18	8	52
UPPER EGYPT	381	FAYOÛM	200	6	20	02	0	0	—	20.7	22	7	38
	387	MINYA (A)	290	2	10	02	0	0	—	20.6	22	7	38
	393	AṢYOÛT (A)	360	3	18	02	0	0		21.6	19	3	35
	399	NAG' HAMÂDI	290	1		01	0	3	AC	20.7	21	10	50
	402	QENA	320	3	20	00	0	0	—	21.4	22	9	44
	405	LUXOR (A)	320	6	22	02	0	0	—	20.3	23	6	34
	414	ASWÂN	340	10	16	02	0	0	—	18.8	23	4	29
OASES	417	SÎWA	300	10	16	02	0	0	—	21.1	21	1	27
	420	BAḤARÎYA	320	3	20	02	0	0	—	21.1	22	11	50
	423	FARAFRA	280	2	20	02	0	0	—	22.9	22	2	27
	432	DAKHLA	290	3	23	02	0	0	—	22.2	20	-6	17
	435	KHARGA	00	0	20	02	0	0	—	20.6	23	2	26
RED SEA	450	SUEZ	180	9	50	02	0	2	cu	20.3	19	9	52
	459	TÔR											
	462	HURGHÀDA	20	14	22	02	0	0	—	20.0	19	8	49
	465	QUSEIR	10	9	20	01	0	0	—	20.6	20	8	46
	641	PORT SÛDÂN	30	16	20	01	1	2	Sc	17.5	24	14	54
NORTH SUDAN	600	WÂDI ḤALFA	20	13	20	02	0	0	—	14.9	23	5	32
	640	ABU ḤAMAD	50	9	24	01	0	1	ci	15.6	25	-8	11
	660	KAREIMA	70	7	21	02	0	0		15.1	25	1	18
	680	'AṬBARA	10	12	20	01	1	1	ci	13.0	27	-3	14
	721	KHARṬOÛM	20	15	20	02	0	0	—	13.5	25	-5	14
	730	KASSALA	30	7	20	02	0	0	—	8.9	30	9	27
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	14	20	02	0	0	—	12.4	23	-2	19
	760	EL FASHER	70	13	30	02	0	0		14.3	23	-3	18
	770	GENEINA	20	8	50	02	0	0		14.0	24	-8	12
S. SÛDÂN	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 11 th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	10	02	0	0	—	18.8	16	11	23	+4	72	0
303	SÎDI BARRÂNI	270	5	19	02	0	0	—	18.4	13	13	18		97	0
306	MATRÛH (A)	220	1	12	02	0	0	—	20.0	13	12	18		94	0
309	EL DAB'AA	00	0		00	0	0	—	19.6	13	11	20		88	0
319	ALEXANDRIA	310	5	20	01	0	0	—	20.7	15	13	18	-1	88	0
318	ALEXANDRIA (A)	280	4	12	03	2	2	Sc	20.8	15	12	20	+1	82	0
330	DAMIETTA	340	2		01	1	1	AC	19.5	14	14	18	0	97	0
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	270	2	10	00	1	0	—	20.0	13	11	22	+2	88	0
342	MANSÛRA	00	0		01	1	4	cb	20.6	15	11	21	+1	77	0
348	ṬANṬA	00	0	20	02	0	0	—	21.1	12	10	21	0	88	0
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	20.6	15	7	20		59	0
354	ZAGAZIG	220	1	10	02	0	0	—	19.9	15	13	23	+3	88	0
441	ISMA'ILÎA														
366	CAIRO (A)	350	1	10	02	0	0	—	20.4	15	9	20		68	0
372	CAIRO ALMÂZA (A)	260	6	15	02	0	0	—	20.3	16	9	21	+1	64	0
374	CAIRO EZBEKÎYA											22	+1		
375	GIZA	00	0	10	02	0	0	—	21.0	12	8	22	+2	77	0
378	ḤELWÂN	320	2	10	02	0	0	—	20.8	15	7	20	0	59	0
381	FAYOÛM	200	4	20	02	0	0	—	20.3	15	10	23	+3	72	0
387	MINYA (A)	160	6	8	02	0	0	—	20.9	13	4	23	+1	55	0
393	AṢYOÛT (A)	00	0	12	02	0	0	—	21.6	15	0	22	+1	36	0
399	NAG' HAMÂDI	00	0		01	0	3	AC	21.5	13	9	23	0	77	0
402	QENA	270	1		00	0	0	—	20.7	15	7	23	-2	59	0
405	LUXOR (A)	00	0	10	02	0	0	—	20.6	15	6	24		55	0
414	ASWÂN	00	0	12	02	0	0	—	20.8	17	3	23	-2	39	0
417	SÎWA	280	6	14	02	0	0	—	20.6	14	-2	22	+1	34	0
420	BAḤARÎYA	320	2	10	02	0	0	—	21.2	15	7	23	+1	59	0
423	FARAFRA	300	2	12	02	0	0	—	22.6	14	-2	22		34	0
432	DAKHLA	20	5	11	02	0	0	—	22.0	16	1	21	-3	36	0
435	KHARGA	00	0	8	02	0	0	—	20.7	15	-2	24	0	32	0
450	SUEZ	270	7	10	01	0	0	—	21.5	17	11	20	-1	68	0
459	TÔR														
462	HURGHÀDA	240	1	12	02	0	0	—	20.5	15	5	21	+1	52	0
465	QUSEIR	300	2	20	02	0	0	—	21.1	18	8	21	-2	52	0
641	PORT SÛDÂN	350	5	20	02	0	2	Sc	17.9	21	14	25		65	0
600	WÂDI ḤALFA	20	9	20	02	0	0	—	19.4	17	2	24		37	0
640	ABU ḤAMAD	340	2	24	02	0	0	—	15.6	20	-5	26		18	0
660	KAREIMA	40	5	21	02	0	0	—	15.9	21	-6	26		16	0
680	'AṬBARA	350	5	20	02	0	0	—	13.7	20	-2	28		23	0
721	KHARṬOÛM	350	5	20	02	0	0	—	13.7	21	-1	27		23	0
730	KASSALA	360	8	20	02	0	0	—	11.1	23	7	31		36	0
751	WÂD MEDANI											29			
801	RENK											29			
802	ROSEIRES											32			
771	EL OBEID	20	6	20	01	0	0		14.0	18	0	25		30	0
760	EL FASHER											26			0
770	GENEINA	10	6	50	03	0	0		14.5	20	-5	26		18	0
840	MALAKÂL	360	7	20	04	0	0		11.7	23	3	31		27	0
880	WÂU	00	0	20	01	2	4	CS	10.2	25	7	31		32	0
941	JUBA	00	0	20	04	0	0	—	8.5	25	9	34		36	0

At 0600 on TUESDAY 12 th FEBRUARY , 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	290	14	14	02	0	0	—	19.1	+2.3	12	5	11	+2	63	0	225	
303	SÎDI BARRÂNI	300	8	16	03	2	5	Sc	18.3		11	9	8		88	0	209	
306	MATRÛH (A)	250	15	14	03	0	1	cu	18.3	+1.6	10	8	9		88	0	226	
309	EL DAB'AA	00	0	10	00	0	0	—	18.3		11	4	7		63	0	153	
319	ALEXANDRIA	220	11	20	02	0	0	—	18.8	+1.1	13	7	10	-1	67	0	220	156
318	ALEXANDRIA (A)	220	13	12	02	0	0	—	18.6	+0.9	12	8	10	0	77	0	188	124
330	DAMIETTA	200	5	3	10	0	0	—	19.2	+2.5	11	9	6	-3	88	0	188	78
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	200	5	10	02	0	1	ci	18.8	+2.0	11	9	8	0	88	0	108	70
342	MANSÛRA	180	6		00	0	0	—	19.0	+2.2	10	8	8	+1	88	0	58	35
348	ṬANṬA	200	9	20	02	0	0	—	19.8	+2.6	11	7	6	-1	77	0	71	27
360	SHEBÎN EL KÔM	140	2	10	00	0	0	—	19.6	+2.0	11	7	9		77	0	53	
354	ZAGAZIG	220	1	10	02	0	0	—	19.9	+2.3	11	7	8	+1	77	0	44	18
441	ISMA'ILÎA																	
366	CAIRO (A)	240	6	16	03	0	1	AC	20.0		13	7	10		67	0	46	
372	CAIRO ALMÂZA (A)	180	6	12	02	0	0	—	19.8	+1.3	12	8	10	+1	77	0	51	
374	CAIRO EZBEKÎYA										14	8	10	+2	67	0	40	16
375	GIZA	180	7	10	02	—	0	—	20.3	+2.8	11	8	8	+2	82	0	46	17
378	ḤELWÂN	00	0	10	02	0	0		20.5	+2.3	12	5	9	0	63	0	32	17
381	FAYOÛM	200	4	20	02	0	0	—	21.1	+3.4	9	5	6	-1	76	0	13	5
387	MINYA (A)	180	3	8	02	0	0	—	20.7	+0.8	9	3	7	+2	67	0	2	
393	AṢYOÛT (A)	00	0	8	02	0	0	—	21.8	+2.7	10	1	7	+1	54	0	dr	
399	NAG' HAMÂDI	00	0		01	0	2	CS	20.7	+3.0	8	4	5	0	76	0	1	
402	QENA	60	0	10	00	0	0	—	21.5	+4.2	11	4	3	-5	63	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	20.6	+3.0	11	2	4		54	0	0	
414	ASWÂN	00	0	13	02	0	0	—	19.7	+1.7	11	5	8	-3	67	0	0	
417	SÎWA	00	0	16	02	0	0	—	20.1	+0.7	6	-1	4	-1	61	0	22	6
420	BAḤARÎYA	00	0	20	02	0	0	—	21.0	+2.6	10	3	4	-2	62	0	2	6
423	FARAFRA	00	0	15	02	0	0	—	22.9		5	-4	2		53	0	dr	
432	DAKHLA	00	0	15	02	0	0	—	22.7	+3.7	5	-8	4	-2	38	0	1	
435	KHARGA	90	0	15	02	0	0	—	20.4	+2.2	11	2	3	-4	54	0	3	
450	SUEZ	90	7	20	00	0	0	—	21.1	+3.9	14	8	5	-5	67	0	28	11
459	TÔR																	
462	HURGHÀDA	300	4	22	02	0	0	—	19.8	+2.2	13	3	8		51	0	dr	
465	QUSEIR	270	5	20	03	0	1	AS	19.8	+3.8	17	7	13	-1	52	0	dr	4
641	PORT SÛDÂN	340	12	20	02	0	1	Sc	16.6		21	15	17		69	0		
600	WÂDI ḤALFA	310	1	20	02	0	0	—	19.8		9	0	9		54	0		
640	ABU ḤAMAD	20	5	24	02	0	0	—	17.0		15	1	10		39	0		
660	KAREIMA	60	3	21	02	0	0	—	17.3		13	-2	10		36	0		
680	'AṬBARA	30	8	20	02	0	0	—	15.7		16	6	11		52	0		
721	KHARṬOÛM	360	11	20	02	0	0	—	14.9		16	2	13		39	0		
730	KASSALA	00	0	20	02	0	0	—	12.4		19	11	12		60	0		
751	WÂD MEDANI	50	9	20	02	0	0	—	14.3		16	6	9		52	0		
801	RENK	310	5	20	02	0	0	—	15.8		16	3	12		42	0		
802	ROSEIRES	310	2	20	02	0	0	—	12.5		19	5	14		40	0		
771	EL OBEID	360	7	20	00	0	0	—	14.9		15	-2	10		32	0		
760	EL FASHER	320	2	35	02	0	0	—	19.4		9	-8	6		29	0		
770	GENEINA	50	8	50	02	0	0	—	18.2		13	9	10		77	0		
840	MALAKÂL	20	1				0	—				-2	14			0		
880	WÂU	360	2	20	02	0	0	—	13.3		18	2	15		34	0		
941	JUBA	270	2	20	04	0	0	—	12.0		24	5	15		30	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex.(A)		Minya		Asyout		Luxor		Baharcya		Farafra		Dakhla		Kharga	
DATE	12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2		12-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	18	300	30			310	28	300	14	310	9	10	4	310	25	310	16	350	13	360	16
600 m.	330	21	300	32	290	15	300	30	300	17	310	10	340	2	310	23	300	19	350	16	350	5
1000 m.	300	21	300	27	300	16	300	32	300	17	310	12	340	10	300	16	340	27	350	16	340	11
1500 m.	310	23			300	15	300	32	300	13	320	15	310	20	290	24	310	36	350	13	350	12
2100 m.					300	23	280	25	300	18	290	22	280	8	280	23	310	40	340	19	340	14
2400 m.					310	27			290	28	300	23	280	11	290	25					320	29
3000 m.					290	23			280	40	270	27	280	11	290	36					180	25
4000 m.					270	33					270	30										
5000 m.																						
6000 m.																						

STATION	Hurghada						Minya		Asyout		Luxor		Dakhla		Kharga							
DATE	12-2						13-2		13-2		13-2		13-2		13-2							
TIME	14						2		2		2		3		4							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	8					350	12	20	11	30	10	60	10	10	20						
600 m.	340	8					340	16	30	24	20	10	40	14	30	29						
1000 m.	290	12					340	16	10	21	360	14			20	27						
1500 m.	260	16					330	13	330	19	10	29										
2100 m.	260	16					50	9	320	21	30	17										
2400 m.	270	20					350	12			30	17										
3000 m.	270	16																				
4000 m.	240	23																				
5000 m.	250	40																				
6000 m.																						

STATION	Alex.(A)		Cairo (A)		Minya		Asyout		Luxor		Baharcya		Farafra		Dakhla		Kharga					
DATE	13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2					
TIME	8		8		8		8		8		8		8		8		8					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	7	280	6	30	9	340	5	10	7	360	10	50	12	30	7	20	18				
600 m.	280	10	320	5	30	16	10	18	20	20	20	7	40	15	40	17	20	21				
1000 m.			350	8	360	13	10	16	10	19	80	9	30	11	20	18	40	33				
1500 m.			10	11	350	10	360	16	20	9	20	16	10	12	340	14						
2100 m.					350	15			350	9												
2400 m.									340	10												
3000 m.									270	5												
4000 m.									290	6												
5000 m.									300	14												
6000 m.									280	29												

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh															
DATE						12-2															
TIME						15															
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	16														
1000 mb.						173	14		290	13											
950 mb.																					
900 mb.																					
850 mb.						1520	5		300	17											
800 mb.																					
700 mb.						3076	-5		290	23											
600 mb.																					
500 mb.						5664	-20														
400 mb.						7285	-31														
300 mb.						9246	-49														
200 mb.						11840	-54														

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 13th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less

1 Cloud covering more than ½ sky during part of the period

2 Cloud covering more than ½ sky throughout the period

3 Sandstorm or duststorm

4 Fog or thick haze

5 Drizzle

6 Rain

7 Snow or rain and snow

8 Shower (s)

9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cold spell expected to end with a new mild period. Moderate NW winds. Low clouds over Lower Egypt and Cairo, increasing coastal area specially in the east.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 37 U.T. / Sunset 15 42 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on TUESDAY 12th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	300	16	18	02	0	3	Cu	20.1	20	3	33
	303	SIDI BARRANI	320	13	18	02	2	5	Sc	19.0	17	10	64
	306	MATRUH (A)	290	20	18	02	0	2	Cu	19.2	17	9	60
	309	EL DABA	00	0	20	00	0	6	Ac	18.4	17	9	60
	319	ALEXANDRIA	310	20	20	03	0	4	Cu	18.0	17	11	68
	318	ALEXANDRIA (A)	270	18	12	03	0	6	Sc	17.9	20	14	69
	330	DAMIETTA	330	9	20	02	0	0	—	17.1	21	7	41
	333	PORT SAID (A)											
	336	EL ARISH											
LOWER EGYPT	339	DAMANHUR	290	9	4	02	0	2	Cu	17.8	21	20	94
	342	MANSURA	320	5	4	02	0	0	—	17.1	23	8	38
	348	TANTA	20	8	20	02	0	0	—	17.7	21	10	50
	360	SHEBIN EL KOM	250	5	20	02	0	0	—	17.2	22	3	29
	354	ZAGAZIG	00	0	20	01	0	1	As	17.9	24	14	54
	441	ISMAILIA											
CAIRO AREA	366	[illegible]	260	13	16	02	0	2	Ci	17.9	21	6	32
	372	[illegible]	220	16	25	02	0	1	Ci	17.4	22	6	36
	374	CAIRO [illegible]											
	375	[illegible]	260	9	15	03	0	2	Cs	18.6	22	6	36
	378	HELWAN	200	8	20	03	0	3	Ci	18.6	20	6	41
UPPER EGYPT	381	[illegible]	100	4	20	02	0	0	—	18.2	21	8	44
	387	[illegible]	320	7	10	02	0	0	—	19.0	23	-3	18
	393	[illegible]	340	4	22	02	0	0	—	18.5	21	1	27
	399	[illegible]	320	2	4	31	0	2	Ac	18.3	24	4	38
	402	QENA	260	1	20	00	0	0	—	18.3	23	8	38
	405	LUXOR (A)	00	0	22	02	0	0	—	18.0	24	5	30
	414	ASWAN	310	12	15	02	0	0	—	16.1	24	5	30
DESERT	417	SIWA	350	12	16	02	0	0	—	[illegible]	21	2	29
	420	BAHARIYA	290	7	20	02	0	0	—	18.9	24	8	36
	423	FARAFRA	280	4	20	02	0	0	—	20.6	24	-2	18
	432	DAKHLA	340	5	24	02	0	0	—	18.9	22	-12	9
	435	KHARGA	360	2	20	02	0	0	—	17.6	24	1	22
RED SEA	450	SUEZ	180	9	50	03	0	2	Cu	18.0	21	7	41
	459	TUR											
	462	HURGHADA	50	9	22	02	0	0	—	17.9	22	6	36
	465	QUSEIR	360	8	20	01	0	0	—	17.9	22	11	50
	641	PORT SUDAN	50	12	20	03	0	3	Sc	13.9	25	19	70
NORTH SUDAN	600	WADI HALFA	20	13	24	02	0	0	—	16.1	25	4	26
	640	ABU HAMAD	50	2	24	02	0	0	—	12.3	27	1	19
	660	KAREIMA	30	5	21	02	0	0	—	12.7	26	-2	16
	680	ATBARA	20	6	20	02	0	0	—	10.4	27	3	22
	721	KHARTOUM	340	8	20	02	0	0	—	10.0	27	3	22
	730	KASSALA	310	9	21	02	0	0	—	6.6	33	11	26
CENTRAL SUDAN	751	WAD MEDANI	360	5	20	02	0	0	—	9.1	29	1	17
	801	RENK	310	5	20	02	0	0	—	9.3	31	5	19
	802	ROSEIRES	310	5	20	02	0	0	—	5.	34	8	20
	771	EL OBEID	50	6	20	02	0	0	—	9.0	27	-11	16
	760	EL FASHER	20	10	30	02	0	0	—	10.8	26	-7	11
	770	GENEINA	60	5	50	02	0	0	—	10.7	29	-11	7
S. SUDAN	840	MALAKAL	30	10	20	04	0	0	—	7.6	33	2	14
	880	WAU	360	7	20	02	0	0	—	6.6	33	-3	10
	941	JUBA	20	5	20	04	0	0	—	6.0	35	2	12

At 1800 on TUESDAY 12th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOUM	280	14	12	02	0	2	Sc, Ac	21.3	15	6	20	+1	55	0
303	SIDI BARRANI	350	15	18	02	2	5	Sc	21.4	15	9	18		68	0
306	MATRUH (A)	260	9	12	02	1	3	Sc	21.3	12	9	17		82	0
309	EL DABA	00	0	4	00	0	5	Ac	20.6	14	8	18		67	0
319	ALEXANDRIA	310	38	20	02	0	4	Sc	22.0	16	8	18	-1	59	0
318	ALEXANDRIA (A)	300	13	12	02	2	5	Ac	20.1	16	8	20	+1	59	0
330	DAMIETTA	220	5	4	00	0	0	—	17.2	14	10	21	+3	77	0
333	PORT SAID (A)														
336	EL ARISH														
339	DAMANHUR	270	2	10	01	0	1	Ci	20.0	13	7	21	+1	67	0
342	MANSURA														
348	TANTA	00	0	20	01	1	2	Cu	29.4	11	9	23	+2	88	0
360	SHEBIN EL KOM	290	2	10	00	0	0	—	20.4	16	8	23		59	0
354	ZAGAZIG	00	0	10	02	0	0	—	19.2	14	12	24	+4	88	0
441	ISMAILIA														
366	[illegible]	350	6	12	02	0	0	—	20.6	14	4	22		72	0
372	[illegible]	320	6	15	02	0	0	—	20.8	15	9	23	+3	68	0
374	CAIRO [illegible]											23	+2		
375	[illegible]	340	5	10	02	0	1	Cu	21.4	13	9	23	+3	77	0
378	HELWAN	320	10	10	02	0	0	—	20.1	16	6	21	+1	52	0
381	[illegible]	200	4	8	02	0	0	—	20.4	16	6	23	+1	52	0
387	[illegible]	350	3	7	02	0	0	—	19.9	14	-1	24	+2	36	0
393	[illegible]	00	0	12	02	0	0	—	20.4	16	-2	23	+2	30	0
399	[illegible]	00	0	3	01	0	2	Ac	19.0	16	8	25	+2	59	0
402	QENA	270	1	5	00	0	0	—	17.0	16	5	23	-2	49	0
405	LUXOR (A)	00	0	12	02	0	0	—	18.6	16	6	26		52	0
414	ASWAN	00	0	12	02	0	0	—	15.4	19	-1	26	+1	26	0
417	SIWA	340	6	14	02	0	0	—	21.9	14	1	22	+1	42	0
420	BAHARIYA	320	2	10	02	0	0	—	21.3	15	7	24	+2	59	0
423	FARAFRA	320	2	12	02	0	0	—	21.9	17	-6	24		20	0
432	DAKHLA	350	5	9	02	0	0	—	21.2	18	-12	23	-1	12	0
435	KHARGA	350	5	9	02	0	0	—	19.0	16	-4	25	+1	26	0
450	SUEZ	00	0	10	01	0	0	—	19.4	18	8	22	+1	52	0
459	TUR														
462	HURGHADA	260	1	12	02	0	0	—	18.1	15	5	22	+2	52	0
465	QUSEIR	280	6	20	02	0	0	—	18.2	19	13	22	-1	68	0
641	PORT SUDAN	350	5	20	02	2	7	Sc	16.5	23	19	26		79	0
600	WADI HALFA	30	7	24	02	0	0	—	17.4	19	2	26		32	0
640	ABU HAMAD	50	2	28	02	0	0	—			0	28			0
660	KAREIMA	50	4	21	02	0	0	—	14.9	22	-3	27		19	0
680	ATBARA	270	5	20	02	0	0	—	12.8	23	5	29		32	0
721	KHARTOUM	330	6	20	02	0	1	Ci	12.5	24	2	29		24	0
730	KASSALA											33			
751	WAD MEDANI														
801	RENK											33			
802	ROSEIRES														
771	EL OBEID	10	7	20	02	0	0	—	12.0	21	1	29		27	0
760	EL FASHER	350	3	20	02	0	0	—	10.3	24	11	27		44	0
770	GENEINA	40	6	50	02	0	0	—	12.5	22	-3	31		19	0
840	MALAKAL	10	4	20	04	0	1	Ac	9.1	27	6	31		27	0
880	WAU	10	2	30	02	0	0	—	8.0	28	5	35		23	0
941	JUBA	00	0	20	04	0	0	—	7.2	25	6	36		30	0

At 0600 on WEDNESDAY 13th FEBRUARY 19[illegible]

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. M.S.L. mb.	Dry Bulb	Dew Point	Minimum	Relative Humidity %	Rain past 12 hrs.	Rainfall mms. Total from Oct 1st	Rainfall mms. Normal from Oct 1st
62300	SALLOUM	[illegible]	12	18	02	0	0	—	[illegible]					0	225	
303	SIDI BARRANI	[illegible]	[illegible]	16	02	1	4	Sc						0	209	
306	MATRUH (A)	[illegible]	[illegible]	14	03	2	1	Sc						0	226	
309	EL DABA	[illegible]		10	00	0	4	Ac						0	153	
319	ALEXANDRIA	[illegible]	11	20	03	0	5	Cu, Sc						0	220	157
318	ALEXANDRIA (A)	[illegible]	[illegible]	12	03	0	6	Sc						0	188	122
330	DAMIETTA	[illegible]	[illegible]	4	03	0	2	[illegible]						0	188	79
333	PORT SAID (A)															
336	EL ARISH															
339	DAMANHUR			4	03	0	0	[illegible]						0	108	71
342	MANSURA	[illegible]	[illegible]	[illegible]	00	0	0	—						0	58	35
348	TANTA	[illegible]	[illegible]	20	01	1	2	Cu						0	71	28
360	SHEBIN EL KOM	[illegible]	[illegible]	10	01	1	1	—						0	53	
354	ZAGAZIG	[illegible]	[illegible]	15	02	1	[illegible]							0	44	18
441	ISMAILIA															
366	[illegible]	[illegible]	[illegible]	16	02	0	0							0	46	
372	[illegible]	[illegible]	[illegible]	15	01	0	[illegible]							0	51	
374	CAIRO [illegible]													0	40	16
375	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0	—						0	46	17
378	HELWAN	[illegible]	[illegible]	4	[illegible]	[illegible]	0							0	32	17
381	[illegible]	[illegible]	[illegible]	[illegible]	03	0	1							0	13	5
387	[illegible]	340	[illegible]	7	02	0	0							0	2	
393	[illegible]	270	[illegible]	8	02	0	0	—						0	dr.	
399	[illegible]	[illegible]	[illegible]	3	01	0	3	Ac, Ci						0	1	
402	QENA	270	[illegible]	10	00	0	0	—						0	dr.	
405	LUXOR (A)	[illegible]	[illegible]	[illegible]	02	0	0	—						0	0	
414	ASWAN	[illegible]	[illegible]	14	02	0	0	—						0	0	
417	SIWA	[illegible]	[illegible]	15	03	0	1	[illegible]						0	22	6
420	BAHARIYA	[illegible]	[illegible]	20	02	0	0							0	2	6
423	FARAFRA	[illegible]	[illegible]	15	03	0	1	Ac					52	0	dr.	
432	DAKHLA	[illegible]	[illegible]	14	03	0	2	Ci					26	0	1	
435	KHARGA	[illegible]	[illegible]	12	03	0	2	Ci					42	0	3	
450	SUEZ	[illegible]	[illegible]	20	[illegible]	0	0							0	28	11
459	TUR															
462	HURGHADA														dr.	
465	QUSEIR	[illegible]	[illegible]	22	02	0	0						[illegible]	0	dr.	4
641	PORT SUDAN	330	[illegible]	20	02	2	5	Sc	[illegible]	23	19	25	19	0		
600	WADI HALFA	[illegible]	[illegible]	[illegible]	02	0	0	—	[illegible]	11	[illegible]	[illegible]	47	0		
640	ABU HAMAD	360	9	24	02	0	0	—	[illegible]	17	-2	12	28	0		
660	KAREIMA	10	2	21	02	0	0	—	[illegible]	15	-3	16	30	0		
680	ATBARA															
721	KHARTOUM	330	1	20	02	0	0	—	[illegible]	[illegible]	[illegible]	15	46	0		
730	KASSALA	[illegible]	1	20	02	0	0	—	12.4	21	13	15	61	0		
751	WAD MEDANI															
801	RENK	360	5	20	02	0	0	—	[illegible]	[illegible]	[illegible]	14	28	0		
802	ROSEIRES															
771	EL OBEID	10	4	20	02	0	0	—	[illegible]	16	[illegible]	15	34	0		
760	EL FASHER	[illegible]	3	35	03	1	5	Cs	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0		
770	GENEINA	40	2	50	03	1	8	Cs	[illegible]	14	-8	11	21	0		
840	MALAKAL	20	11	20	00	0	1	Ac	[illegible]	22	[illegible]	18	25	0		
880	WAU															
941	JUBA															

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2		13-2	
TIME	14		15		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	14	300	10	310	12	320	8	330	7	340	15	40	9	20	14	40	5	10	10	10	8
600 m.	240	17	280	9	270	16	310	7	360	9	350	15	340	10	10	15	20	6	10	10	30	9
1000 m.	240	8	260	10	250	4	320	6	20	12	360	15	340	10	260	2	20	7	20	12	20	12
1500 m.	220	9	280	9	280	4	290	7	360	12	30	17	20	4	20	8	30	4	20	11	340	6
2100 m.			260	13			290	11	340	14	350	4	330	7	360	10	350	7			360	11
2400 m.			260	16			300	12			350	8	350	8	330	11	10	5			360	7
3000 m.			250	19			300	15			320	7	10	7	240	3	340	6			330	3
4000 m.			280	23			280	20							360	5	220	5			360	3
5000 m			280	24			270	28							300	23	250	10			280	16
6000 m.			260	26			270	29														

STATION	Hurghada				S. Barrani		Matruh		Cairo (A)		Minya		Asyout		Luxor		Kharga				Hurghada	
DATE	13-2				14-2		14-2		14-2		14-2		14-2		14-2		14-2				14-2	
TIME	14				3		2		2		2		2		2		3				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	28			280	7	210	11	60	11	360	22	10	13	360	2	360	17			320	40
600 m	300	15			260	5	260	10	20	11	10	26	10	18	10	12	20	27			310	11
1000 m.	290	13			260	15	260	20	20	10	10	21	360	17	40	6	10	24			330	18
1500 m	120	3			240	13	290	14	340	5	340	13	340	6	260	8	40	9			290	3
2100 m.	330	14			260	22	250	15			330	4	290	8	320	3					130	5
2400 m.	330	15			260	20	260	13			350	8	300	7	270	3					110	3
3000 m	330	10					260	18							180	2					140	11
4000 m																						
5000 m																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Helwan		Minya		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2	
TIME	8		8		8		8		6	15	8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	12	280	6	100	6	230	6	50	9	360	13	180	1	60	6	60	9	50	5	10	18
600 m.	260	16	270	7	180	6	290	4	40	12	10	17	20	7	60	8	60	10	30	14	20	29
1000 m	280	14	280	9	180	9	350	10	40	12	360	22	10	8	20	16	90	6	30	14	10	20
1500 m	320	21	280	8	180	9	350	8	340	7	350	22	340	7	20	11	350	15	20	18		
2100 m									300	11			90	3	330	15	350	9				
2400 m.									300	15			120	3	340	11	330	7				
3000 m.									290	15			360	8	260	13	240	9				
4000 m.									280	24							290	17				
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	13-2					13-2																
TIME	14					15																
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	19				25	16													
1000 mb.	206	18		340	5	206	14		300	10										
950 mb.																				
900 mb																				
850 mb	1565	5		290	7	1548	5		280	9										
800 mb.																				
700 mb.	3159	2		300	15	3116	-1		250	20										
600 mb.																				
500 mb	5779	-18		270	23	5704	-20		280	28										
400 mb.	7402	-32		250	35	7318	-33		260	25										
300 mb.	9385	-44		260	48	9273	-50		280	37										
200 mb.						11880	-53		260	45										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 14th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased – during preceding hour
31	Slight or moderate duststorm or sandstorm	no change – during preceding hour
32	Slight or moderate duststorm or sandstorm	increased – during preceding hour
33	Severe duststorm or sandstorm	decreased – during preceding hour
34	Severe duststorm or sandstorm	no change – during preceding hour
35	Severe duststorm or sandstorm	increased – during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather prevails all over the Republic. Mainly clear with chance for early morning fog in scattered places of Lower Egypt & Cairo. Winds chiefly moderate W'ly in the west, light N'ly in Delta and Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 36 U.T.
  " " Sunset 15 43 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	260	7	18	02	0	0	—	23.2	20	3	33
	303	SÎDI BARRÂNI	270	4	20	03	0	3	Cu, AC	23.0	18	9	56
	306	MATRÛḤ (A)	310	12	16	02	2	5	Cu	22.9	16	8	59
	309	EL ḌAB'AA	00	0	20	00	0	3	Ci	23.4	17	7	52
	319	ALEXANDRIA	270	12	20	02	1	5	Cu	23.0	17	9	60
	318	ALEXANDRIA (A)	270	13	12	01	2	6	Cu, Sc	23.2	19	11	60
	330	DAMIETTA	320	5	20	03	1	3	Cu	22.6	18	8	52
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	200	5	10	01	1	5	NS	22.6	20	11	56
	342	MANṢÛRA	320	3	4	03	1	6	Cb	22.8	21	10	50
	348	ṬANṬA	220	5	20	03	2	5	Cu	22.8	21	10	50
	360	SHEBÎN EL KÔM	220	5	20	01	1	4	Cu	23.0	19	7	46
	354	ZAGAZIG	00	0	20	03	1	7	Cu	22.9	19	14	73
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	340	5	16	03	0	6	Cu	23.1	18	8	52
	372	CAIRO ALMÁZA (A)	360	5	15	03	2	6	Cu, Sc	22.8	18	8	52
	374	CAIRO EZBEKÎYA											
	375	GIZA	320	5	15	02	1	5	Cu	23.6	17	8	56
	378	ḤELWÂN	00	0	4	02	0	3	Cu	23.4	18	6	46
Upper Egypt	381	FAYOÛM											
	387	MINYA (A)	340	8	12	03	0	1	Cc	22.8	20	4	35
	393	AṢYOÛT (A)	360	6	22	02	0	0	—	22.1	21	-5	17
	399	NAG' ḤAMÂDI	290	2		01	0	3	Ac, Cs	19.4	24	6	32
	402	QENA	00	0	20	00	0	0	—	19.5	25	5	28
	405	LUXOR (A)	340	7	22	02	0	0	—	19.3	25	1	21
	414	ASWÂN	320	12	16	02	0	0	—	16.0	27	1	19
Oases	417	SÎWA	200	7	16	01	0	1	Ci	24.2	20	4	35
	420	BAḤARÎYA	40	3	20	04	2	2	Ci	23.2	21	9	47
	423	FARAFRA	270	5	20	03	0	2	Ci	24.4	19	-5	19
	432	DAKHLA	350	5	25	02	0	0	—	22.0	21	-8	14
	435	KHARGA	360	4	15	02	0	0	—	20.0	23	-2	19
Red Sea	450	SUEZ	180	1	50	03	0	5	Cu	22.8	20	8	46
	459	TÔR											
	462	HURGHÂDA	350	19	22	02	0	1	Ci	20.0	20	1	27
	465	QUSEIR	330	16	20	03	0	1	As, Cs	19.9	21	7	41
	641	PORT SÛDÂN	40	14	20	01	1	3	Sc	15.6	25	21	79
North Sudan	600	WÂDI ḤALFA	30	14	20	02	0	0		16.8	26	4	25
	640	ABU ḤAMAD	50	5	24	02	0	1	Ci	12.5	30	6	22
	660	KAREIMA	60	5	21	02	0	1	Ci	12.9	29	3	19
	680	'ATBARA	330	8	20	02	0	1	Ci	11.0	31	7	22
	721	KHARṬOÛM	20	5	20	02	0	0	—	9.9	31	10	28
	730	KASSALA	270	2	20	02	0	0	—	6.8	35	22	47
Central Sudan	751	WÂD MEDANI	270	5	20	02	0	0	—	5.6	33	6	19
	801	RENK	310	9	20	02	0	0	—	10.2	32	4	17
	802	ROSEIRES	110	2	20	02	0	1	AC	5.6	35	10	22
	771	EL OBEID	20	7	20	02	0	0	—	9.7	29	-1	14
	780	EL FASHER	20	9	35	03	1	5	Cs	11.2	28	-5	11
	770	GENEINA	40	7	50	01	0	1	Cs	10.8	29	-9	8
S. Sûdân	840	MALAKÂL	30	6	20	04	1	5	AC	8.1	34	5	16
	880	WÂU	40	7	20	02	0	0	—	6.0	35	1	12
	941	JUBA	50	10	20	04	0	0	—	5.2	36	5	14

At 1800 on 13th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	00	0	10	02	0	0	—	22.9	16	4	20	+1	45	0
	303	SÎDI BARRÂNI	30	5	16	02	0	0	—	22.7	14	10	18		77	0
	306	MATRÛḤ (A)	280	3	16	02	0	0	—	22.8	11	9	18		88	0
	309	EL ḌAB'AA				00	0	0	—	23.6	12	8	18		77	0
	319	ALEXANDRIA	310	4	20	01	1	0	—	24.0	15	9	19	0	68	0
	318	ALEXANDRIA (A)	320	6	12	02	0	0	—	23.9	14	9	19	0	72	0
	330	DAMIETTA	320	2	4	00	1	0	—	23.6	13	11	18	0	88	0
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	200	2	10	02	1	0	—	23.1	14	10	21	+1	77	0
	342	MANṢÛRA	00	0	10	01	1	4		23.8	11	9	22	+2	88	0
	348	ṬANṬA	00	0	20	01	1	4	Ns	23.6	13	11	21	0	88	0
	360	SHEBÎN EL KÔM	290	2	10	01	1	2	Sc	23.6	12	8	20		77	0
	354	ZAGAZIG			10	02	0	0	—	21.6	15	11	22	+2	77	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)	60	3	12	02	0	0	—	23.3	14	9	19		72	0
	372	CAIRO ALMÁZA (A)	00	0	10	02	0	1	Sc, Cu	23.5	14	8	21	0	67	0
	374	CAIRO EZBEKÎYA											22	+1		
	375	GIZA	00	0	10	01	1	2	Ci	23.8	12	8	21	0	77	0
	378	ḤELWÂN	340	5	4	02	0	1	Cu	23.3	15	7	19	-1	59	0
Upper Egypt	381	FAYOÛM	360	4	20	03	0	1	Cu, Sc	23.4	14	8	20	-2	67	0
	387	MINYA (A)	350	3	8	02	0	1	Ci	22.5	12	5	21	-1	63	0
	393	AṢYOÛT (A)	300	3	10	01	0	1	Ci	22.4	14	5	22	+1	55	0
	399	NAG' ḤAMÂDI	00	0		02	0	3	Ac, Cs	20.2	15	7	25	+2	59	0
	402	QENA	270		10	00	0	0	—	19.5	14	5	26	+1	55	0
	405	LUXOR (A)	00	0	12	02	0	0	—	19.4	15	2	26		42	0
	414	ASWÂN	360	2	10	02	0	0		18.3	19	-2	28	+3	24	0
Oases	417	SÎWA	00	0	15	02	0	0	—	23.9	13	3	22	+1	51	0
	420	BAḤARÎYA	00	0	10	01	0	0	—	23.8	14	7	21	-1	63	0
	423	FARAFRA	00	0	12	00	0	0	—	24.4	14	-2	20		34	0
	432	DAKHLA	340	4	12	02	0	0	—	22.4	16	-11	22	-2	15	0
	435	KHARGA	00	0	8	02	0	0	—	19.9	15	-2	24	0	32	0
Red Sea	450	SUEZ	20	1	10	01	0	0	—	22.8	16	8	22	+1	59	0
	459	TÔR														
	462	HURGHÂDA	330	17	10	02	0	2	Ci	20.3	16	2	22	+2	39	0
	465	QUSEIR	290	8	20	01	0	0	—	20.6	18	6	22	-1	46	0
	641	PORT SÛDÂN	10	8	20	02	1	7	Sc	17.2	24	20	26		79	dr
North Sudan	600	WÂDI ḤALFA	10	9	20	02	0	0	—	17.6	21	-2	27		21	0
	640	ABU ḤAMAD	20	5	24	01	0	0		13.6	24	5	31		30	0
	660	KAREIMA	50	7	21	02	0	1	Ci	14.1	25	1	30		21	0
	680	'ATBARA	350	3	20	01	1	2	Ci	12.2	25	5	31		28	0
	721	KHARṬOÛM	350	8	20	01	0	1	Ci	11.9	27	9	32		33	0
	730	KASSALA	10	3	20	02	0	0	—	9.8	27	11	36		37	0
Central Sudan	751	WÂD MEDANI											34			0
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	360	5	20	01	0	0	—	12.3	22	1	30		25	0
	780	EL FASHER	50	8	20	01	2	0	—	12.5	23	-6	30		14	0
	770	GENEINA	40	7	50	02	0	0	—	12.9	23	-7	32		13	0
S. Sûdân	840	MALAKÂL	60	4	20	04	1	1	AC	9.0	27	8	35		30	0
	880	WÂU	00	0	20	02	0	0	—	7.1	29	8	38		27	0
	941	JUBA	270	2	20	04	0	0	—	5.5	29	7	38		25	0

At 0600 on THURSDAY 14th FEBRUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	00	0	18	02	0	0	—	21.5	+4.8	12	4	10	+1	59	0	225	
	303	SÎDI BARRÂNI	220	9	16	02	0	0	—	21.6		8	5	6		82	0	209	
	306	MATRÛḤ (A)	200	15	16	02	0	0	—	23.1	+6.4	10	7	7		82	0	226	
	309	EL ḌAB'AA			10	00	0	0	—	23.3		9	4	6		71	0	153	
	319	ALEXANDRIA	130	3	10	05	4	0	—	23.8	+6.2	14	8	12	+1	67	0	220	158
	318	ALEXANDRIA (A)	00	0	14	02	0	0	—	23.6	+6.0	10	9	7	-3	94	0	188	122
	330	DAMIETTA	200	2	4	03	0	3	AC	23.5	+6.9	11	9	8	-1	88	0	188	80
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	200	2	3	10	0	0	—	23.6	+6.9	10	10	6	-2	97	0	108	72
	342	MANṢÛRA	00	0	3	00	0	0	—	24.0	+7.3	13	9	9	+1	77	0	58	35
	348	ṬANṬA	00	0	20	02	0	0	—	23.9	+6.8	8	8	5	-2	97	0	71	28
	360	SHEBÎN EL KÔM	250	2		00	0	0	—	23.5	+6.0	10	6	8		76	0	53	
	354	ZAGAZIG	00	0	3	10	1	0	—	24.0	+6.5	10	7	7	0	82	0	44	18
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	00	0	18	02	0	1	AC	23.8		9	9	8		97	0	46	
	372	CAIRO ALMÁZA (A)	00	0	3	05	0	0	—	23.4	+5.0	11	8	8	-1	82	0	51	
	374	CAIRO EZBEKÎYA										12	8	9	+1	77	0	40	16
	375	GIZA	100	4	6	01	—	0	—	23.9	+6.4	11	9	8	+2	88	0	46	17
	378	ḤELWÂN	20	4	3	05	4	0	—	23.6	+5.5	12	5	10	+1	63	0	32	17
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	23.8	+6.3	11	8	8	+1	82	0	13	5
	387	MINYA (A)	340	4	6	02	0	0	—	22.7	+2.9	8	4	4	-1	76	0	2	
	393	AṢYOÛT (A)	300	5	10	02	0	0	—	23.2	+4.3	8	2	6	0	66	0	dr.	
	399	NAG' ḤAMÂDI	00	0		01	0	2	AC	21.0	+3.4	11	4	5	0	63	0	1	
	402	QENA	270	1	10	00	0	0	—	21.4	+4.3	9	7	4	-4	88	0	dr.	
	405	LUXOR (A)	00	0	22	02	0	0	—	20.8	+3.4	10	-3	4		41	0	0	
	414	ASWÂN	360	10	14	02	0	0	—	18.0	+5.1	14	-1	8	-3	36	0	0	
Oases	417	SÎWA	00	0	16	02	0	0	—	23.9	+4.7	5	-1	3	-2	65	0	22	6
	420	BAḤARÎYA	00	0	20	02	0	0	—	24.3	+6.0	9	4	3	-3	71	0	2	6
	423	FARAFRA	280	1	15	02	0	0	—	25.5		6	-5	3		46	0	dr.	
	432	DAKHLA	270	2	20	02	0	0	—	23.6	+4.7	9	-11	7	+1	23	0	1	
	435	KHARGA	00	0	15	02	0	0	—	20.8	+2.8	10	5	6	-1	71	0	3	
Red Sea	450	SUEZ	330	2	20	00	0	0	—	23.2	+6.2	13	4	7	-3	55	0	28	11
	459	TÔR																	
	462	HURGHÂDA	310	15	22	02	0	0	—	19.8	+2.4	14	0	8	-1	39	0	dr.	
	465	QUSEIR	300	18	20	02	0	0	—	19.5	+3.6	17	1	13	-1	34	0	dr.	4
	641	PORT SÛDÂN	340	12	20	80	8	7	Sc	15.8		22	18	21		78	dr.		
North Sudan	600	WÂDI ḤALFA	10	4	20	02	0	0	—	19.6		12	-3	8		36	0		
	640	ABU ḤAMAD	360	5	24	01	1	0	—	15.6		19	5	15		40	0		
	660	KAREIMA	60	7	21	02	0	0	—	15.5		17	1	15		34	0		
	680	'ATBARA	30	6	20	02	0	0	—	13.5		20	11	17		56	0		
	721	KHARṬOÛM	10	13	20	02	0	0	—	12.3		21	6	17		38	0		
	730	KASSALA	40	4	20	02	0	0	—	10.4		24	16	18		61	0		
Central Sudan	751	WÂD MEDANI	50	5	20	02	0	0	—	12.1		21	5	15		35	0		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	340	7	20	02	0	0	—	12.7		18	3	15		37	0		
	780	EL FASHER	330	4	30	02	0	0	—	17.9		11	-5	7		33	0		
	770	GENEINA																	
S. Sûdân	840	MALAKÂL	10	13	20	04	2	7	Ac, Cs	10.5		24	1	19		22	0		
	880	WÂU																	
	941	JUBA	360	3	20	04	0	1	Ac	8.4		27	9	19		33	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2		14-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	270	5	300	1	280	10	300	4	350	13	310	12	330	3	360	12	20	5	10	22	20	14
600 m	270	21	260	14	280	12	240	6	350	13	330	15	340	7	360	13	20	8	10	9	20	20
1000 m	260	11	280	12	280	15	310	10	350	16	350	14	320	9	10	14	30	9	10	9	360	9
1500 m	300	20	310	17	270	15	280	9	350	[illegible]	10	6	360	11	10	12	10	8				
2100 m	290	19	280	17	270	14	280	12	350	15	360	5	360	17	360	8	320	7				
2400 m			300	18	290	16	270	11	350	16	360	7	350	17	340	8	280	9				
3000 m					260	17	280	14					340	5	300	16	310	9				
4000 m					270	19	280	14					300	7	290	11						
5000 m					280	20	280	15					290	15	290	16						
6000 m					310	21							290	26								

STATION	Hurghada				Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Dakhla		Kharga					
DATE	14-2				15-2		15-2		15-2		15-2		15-2		15-2		15-2					
TIME	14				2		2		2		2		2		3		3					
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	340	20			190	6	40	13	300	2	340	15	350	2	30	10	360	23				
600 m	310	16			210	4	30	14	300	21	350	17	360	14	30	25	10	21				
1000 m	330	7			240	7	10	14	350	18	340	18	10	9	20	29	340	10				
1500 m	320	7			270	16	350	8	300	15	350	8	10	13			40	4				
2100 m	360	8					280	8	280	10			10	6								
2400 m	340	5					320	2	290	10			20	10								
3000 m	300	9					310	6	290	[illegible]												
4000 m							280	8														
5000 m							260	10														
6000 m																						

STATION	Matruh		Alex (A)		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga			
DATE	15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2			
TIME	8		8		8		8		8		8		8		8		8		8			
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	240	16	250	7	40	5	360	11	340	4	350	3	330	4	20	5	20	10	10	16		
600 m	260	15	280	6	10	11	360	21	360	22	300	10	330	9	30	10	30	12	360	16		
1000 m	280	12	320	14	360	14	10	18	360	17	340	14	10	13	10	12	20	21	360	17		
1500 m	260	11	320	11	270	18	20	30	300	14	10	11	10	10	350	13	310	5				
2100 m	280	6			300	13	340	13			10	8	330	8	340	8	280	4				
2400 m	280	8			300	8	320	16			20	10	310	6	320	5	40	5				
3000 m					310	6	340	5					310	7	280	7	350	6				
4000 m					300	13							10	10	350	7						
5000 m					300	13							290	10								
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE OBSERVATIONS

STATION	Matruh																					
DATE	14-2																					
TIME	15																					
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	16													
1000 m						190	15		280	9										
950 m																				
850 m																				
850						1540	6		270	15										
800 m																				
700 m						3111	0		260	17										
600 m																				
500 m						5734	-17		300	22										
400 m						7374			270	18										
300 mb						9314	-46		350	19										
200 mb						11900	-63		280	28										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (UT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 15th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of — shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 „ reaching ground but distant 5 kms.
16 „ „ „ near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) — not falling as shower (s) — during preceding hour not at time of observation
21 Rain („ „)
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 „ of snow, or of rain and snow
27 „ „ hail, „ „ „ „ hail
28 Fog
29 Thunderstorm with or without precipitation
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased — during preceding hour
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
36 Slight or moderate drifting snow — low
37 Heavy „ „
38 Slight or moderate „ „ — high
39 Heavy „ „
40 Fog at a distance, not during last hour
41 „ in patches
42 „ ,sky discernible — has become thinner during preceding hour
43 „ , „ not „
44 „ , „ discernible — no change during preceding hour
45 „ , „ not „
46 „ , „ discernible — has begun or become thicker during last hour
47 „ , „ not „
48 „ ,depositing rime, sky discernible
49 „ , „ „ „ not „
50 Drizzle, not freezing, intermittent — slight
51 „ „ continuous
52 „ „ intermittent — moderate
53 „ „ continuous
54 „ „ intermittent — thick
55 „ „ continuous
56 „ , freezing, slight
57 „ „ moderate or thick
58 „ and rain, slight
59 „ „ „ moderate or heavy
60 Rain, not freezing intermittent — slight
61 „ „ „ continuous
62 „ „ „ intermittent — moderate
63 „ „ „ continuous
64 „ „ „ intermittent — heavy
65 „ „ „ continuous
66 Rain, freezing, slight
67 „ moderate or heavy
68 „ or drizzle and snow, slight
69 „ „ „ „ moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous „ „ „
72 Intermittent „ „ „ — moderate
73 Continuous „ „ „
74 Intermittent „ „ „ — heavy
75 Continuous „ „ „
76 Ice needles — with or without fog
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 „ „ moderate or heavy
82 „ „ violent
83 Shower (s) of rain and snow, slight
84 „ „ „ moderate or heavy
85 Snow shower (s), slight
86 „ „ moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain — Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 „ „ „ with „
97 „ heavy without hail
98 „ with duststorm or sandstorm
99 „ heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather during daytime. Moderate winds; SW'ly on coast, NE'ly inland. Mainly clear. Chance for early morning fog in scattered places of Delta, Cairo and Middle Egypt.

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 35 U.T.
Sunset 15 44 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 14th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	260	12	18	02	0	0	—	21.4	21	2	27
	303	SÎDI BARRÂNI	300	8	18	02	0	0	—	21.2	17	9	60
	305	MATRÛH (A)	230	14	16	02	0	0	—	21.4	19	5	40
	308	EL DAB'AA			20	00	0	0	—	21.4	19	4	37
	319	ALEXANDRIA	210	6	20	03	4	1	Ci	22.3	17	9	60
	318	ALEXANDRIA (A)	340	7	16	02	0	0	—	22.2	20	9	47
	330	DAMIETTA	340	5	20	03	1	4	Cu	21.8	18	10	60
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	2	20	01	1	3	Cu	21.4	20	8	46
	342	MANSÛRA	00	0		02	0	0	—	22.0	20	8	46
	348	ṬANṬA	40	5	20	02	0	0	—	22.2	18	8	52
	360	SHEBÎN EL KÔM	340	5	20	01	1	1	Cu	21.8	19	4	37
	354	ZAGAZIG	00	0	20	02	0	0	—	23.0	20	13	64
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	50	1	18	02	0	0	—	21.4	19	7	46
	372	CAIRO ALMÂZA (A)	20	7	25	02	0	0	—	21.0	19	[illegible]	37
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	7	10	02	0	0	—	21.6	18	7	49
	378	HELWÂN	360	8	20	02	0	0	—	21.1	19	4	37
Upper Egypt	381	FAYOÛM	20	6	20	02	0	0	—	21.4	20	4	35
	387	MINYA (A)	10	11	9	02	0	0	—	20.3	21	6	38
	393	AṢYOÛT (A)	340	7	18	02	0	0	—	19.8	21	5	35
	399	NAG' HAMÂDI	00	0		01	0	3	Ac Ci	18.0	23	7	36
	402	QENA	270	1	20	00	0	0	—	17.9	22	6	36
	405	LUXOR (A)	340	4	22	02	0	0	—	17.1	25	5	28
	414	ASWÂN	270	12	16	02	0	0	—	15.7	26	1	20
Oases	417	SÎWA	240	7	16	02	0	0	—	22.5	21	0	25
	420	BAHARÎYA	40	4	20	02	0	0	—	21.6	20	10	53
	423	FARAFRA	40	1	20	02	0	0	—	22.8	19	1	30
	432	DAKHLA	40	4	24	02	0	0	—	20.7	21	8	44
	435	KHARGA	360	4	15	02	0	0	—	18.4	23	2	26
Red Sea	450	SUEZ	330	2	50	02	0	0	—	20.8	20		
	459	TÔR											
	462	HURGHÂDA	360	17	22	02	0	0	—	17.0	20	9	49
	465	QUSEIR	360	16	12	00	0	0	—	18.0	22	9	44
	641	PORT SÛDÂN	30	15	20	01	2	4	Sc	13.7	25	19	70
North Sudan	600	WÂDI HALFA	30	13	20	02	0	0	—	15.8	26	3	23
	640	ABU HAMAD	50	5	24	02	0	0	—	11.5	29	5	22
	660	KAREIMA	70	7	21	02	0	0	—	12.1	30	6	22
	680	'AṬBARA	360	10	20	02	0	0	—	9.5	32	7	21
	721	KHARTOÛM	40	10	20	02	0	0	—	8.6	31	11	29
	730	KASSALA	30	6	20	02	0	0	—	4.9	37	7	16
Central Sudan	751	WÂD MEDANI	360	9	20	02	0	0	—	6.4	35	7	18
	801	RENK	310	9	20	02	0	0	—	7.4	35	10	22
	802	ROSEIRES	310	5	20	02	1	0	—	3.1	37	8	17
	771	EL OBEID	40	9	20	02	0	0	—	7.8	31	6	21
	760	EL FASHER	40	7	35	02	0	0	—	9.8	29	-6	10
	770	GENEINA	80	10	50	02	0	0	—	9.8	30	-13	5
S. Sûdân	840	MALAKÂL	20	11	20	04	2	1	Ac	5.7	36	7	17
	880	WÂU	20	7	20	02	0	0	—	5.1	36	2	12
	941	JUBA	20	2	20	04	0	1	Cu	2.7	38	9	17

At 1800 on 14th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	00	0	14	02	0	0	—	19.7	17	4	22	+3	42	0
303	SÎDI BARRÂNI	260	5	16	02	0	0	—	20.3	12	10	18		88	0
305	MATRÛH (A)	240	2	12	02	0	0	—	21.6	11	9	19		88	0
308	EL DAB'AA				00	0	0	—	22.4	12	5	20		63	0
319	ALEXANDRIA	00	0	20	01	0	0	—	22.3	15	7	19	0	59	0
318	ALEXANDRIA (A)	00	0	12	02	0	0	—	22.2	13	9	20	+1	77	0
330	DAMIETTA	250	2		00	1	0	—	22.0	14	10	19	+1	77	0
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	22.0	12	8	21	0	77	0
342	MANSÛRA	00	0		02	0	0	—	22.7	14	8	21	0	67	0
348	ṬANṬA	40	5	20	02	0	0	—	22.3	12	8	21	0	77	0
360	SHEBÎN EL KÔM	320	2	10	01	1	1	Sc	22.3	14	5	20		55	0
354	ZAGAZIG	00	0	10	02	0	0	—	21.9	16	12	21	+1	77	0
441	ISMA'ILÎA														
366	CAIRO (A)	40	3	12	02	0	0	—	21.7	14	9	20		72	0
372	CAIRO ALMÂZA (A)	340	7	12	02	0	0	—	21.3	15	7	19	-2	59	0
374	CAIRO EZBEKÎYA											23	+2		
375	GIZA	20	6	6	02	0	0	—	21.8	13	9	20	-1	77	0
378	HELWÂN	360	5	10	02	0	0	—	21.2	15	7	19	-1	59	0
381	FAYOÛM	20	4	20	02	0	0	—	20.8	15	7	21	-1	59	0
387	MINYA (A)	360	6	8	02	0	0	—	20.0	12	3	22	0	55	0
393	AṢYOÛT (A)	320	7	10	02	0	0	—	20.4	14	5	22	+1	55	0
399	NAG' HAMÂDI	00	0	9	00	0	0	—	19.0	13	9	25	+2	77	0
402	QENA	290	2		00	0	0	—	17.6	16	8	23	-2	59	0
405	LUXOR (A)	00	0	11	02	0	0	—	17.3	16	2	29		39	0
414	ASWÂN	00	0	12	02	0	0	—	16.8	21	-9	27	+2	14	0
417	SÎWA	300	2	14	02	0	0	—	21.9	13	1	21	0	44	0
420	BAHARÎYA	340	1	10	02	0	0	—	21.8	14	7	21	-1	63	0
423	FARAFRA														
432	DAKHLA	320	1	9	02	0	0	—	21.0	17	-8	22	-2	18	0
435	KHARGA	00	0	6	02	0	0	—	18.2	17	2	24	0	37	0
450	SUEZ	330	3	10	02	0	0	—	20.7	16	3	21	0	42	0
459	TÔR														
462	HURGHÂDA	320	17	10	02	0	0	—	16.7	16	9	22	+2	64	0
465	QUSEIR	290	8	20	02	0	0	—	17.2	19	12	23	0	64	0
641	PORT SÛDÂN	360	7	20	03	2	7	St	14.9	24	21	27		84	0
600	WÂDI HALFA	360	5	20	02	0	0	—	16.3	20	4	28		35	0
640	ABU HAMAD	310	2	24	02	0	0	—	12.5	23	4	30		29	0
660	KAREIMA	30	10	11	02	0	0	—	13.1	25	1	31		21	0
680	'AṬBARA	360	3	20	02	0	0	—	11.4	24	7	33		34	0
721	KHARTOÛM	350	9	20	02	0	0	—	10.1	28	9	33		31	0
730	KASSALA	10	4	20	02	0	0	—	8.0	28	8	38		29	0
751	WÂD MEDANI											36			
801	RENK											35			
802	ROSEIRES											39			
771	EL OBEID	10	7	20	02	0	0	—	9.7	25	6	33		30	0
760	EL FASHER	60	8	20	02	0	0	—	9.9	25	-3	31		16	0
770	GENEINA	20	8	50	02	0	0	—	10.2	25	-6	33		13	0
840	MALAKÂL	30	5	20	01	1	2	Ac Cs	6.6	29	7	37		25	0
880	WÂU	00	0	20	02	0	0	—	6.3	30	9	38		27	0
941	JUBA	00	0	20	04	1	2	Ac	5.1	29	13	40		37	0

At 0600 on FRIDAY 15th FEBRUARY [illegible]

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure		Temperatures °C		Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	220	25	18	02	0	0	—	18.0	+1.3	[illegible]	-3	14	+5	19	0	225	
303	SÎDI BARRÂNI	230	17	18	02	0	0	—	18.2		[illegible]	5	8		63	0	209	
305	MATRÛH (A)	220	17	15	02	0	0	—	19.0	[illegible]		[illegible]	7		58	0	226	
308	EL DAB'AA																153	
319	ALEXANDRIA	180	6	20	02	0	0	—	[illegible]	[illegible]	[illegible]	[illegible]	10	-1	77	0	220	138
318	ALEXANDRIA (A)	220	6	12	02	0	0	—	[illegible]	[illegible]	[illegible]	10	[illegible]	-1	88	0	188	123
330	DAMIETTA	200	2	1	10	0	0	—	[illegible]	[illegible]		9	7	-2	88	0	188	81
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	230	2	16	02	0	0	—	21.2			7	5	-3	88	0	108	73
342	MANSÛRA	220	3		00	0	0	—	21.1	+4.4	[illegible]	9	7	-1	88	0	58	35
348	ṬANṬA	00	0	20	02	0	0	—	21.5	+4.4	8	5	4	-3	82	0	71	28
360	SHEBÎN EL KÔM	100	2	10	00	0	0	—	21.0	+3.5	[illegible]	7	8		77	0	53	
354	ZAGAZIG	00	0	10	10	0	0	—	21.6	+4.2	14	10	8	+1	77	0	44	18
441	ISMA'ILÎA																	
366	CAIRO (A)	140	2	10	02	0	0	—	[illegible]		13	9	9		77	0	46	
372	CAIRO ALMÂZA (A)	100	10	12	02	0	0	—	20.3	+1.9	[illegible]	8	10	+1	77	0	51	
374	CAIRO EZBEKÎYA										[illegible]	8	[illegible]	+1	67	0	40	16
375	GIZA	00	0	1.5	10	—	0	—	21.0	+3.6	[illegible]	8	4	-2	97	0	46	17
378	HELWÂN	30	8	10	02	0	0	—	20.6	+2.0	[illegible]	9	9	0	88	0	32	18
381	FAYOÛM	360	4	20	02	0	0	—	21.4	+3.9	12	8	7	0	77	0	13	5
387	MINYA (A)	340	4	7	02	0	0	—	20.4	+0.7	[illegible]	4	2	-3	81	0	2	
393	AṢYOÛT (A)	00	0	12	02	0	0	—	21.1	+2.3	[illegible]	[illegible]	6	0	66	0	dr	
399	NAG' HAMÂDI	00	0		02	0	3	Ac Cs	19.2	+1.7	11	[illegible]	7	+2	77	0	1	
402	QENA	290	4	10	00	0	0	—	18.4	+1.4	13	7	6	-2	67	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	18.1	+0.7	12	4	6	0	59	0	0	
414	ASWÂN	30	4	14	02	0	0	—	17.4	-0.4	14	2	12	+1	45	0	0	
417	SÎWA	00	0	16	02	0	0	—	21.1	+1.9	4	-1	2	-3	70	0	22	6
420	BAHARÎYA	00	0	20	02	0	0	—	21.5	+3.2	10	3	3	-3	62	0	2	6
423	FARAFRA	00	0	15	02	0	0	—	23.1		10	-9	2		26	0	dr	
432	DAKHLA	290	4	18	02	0	0	—	21.1	+2.3	7	-6	8	+2	34	0	1	
435	KHARGA	350	3	15	02	0	0	—	18.3	+0.3	13	6	7	0	63	0	3	
450	SUEZ	330	2	20	00	0	0	—	20.0	+3.1	12	5	7	-3	63	0	28	11
459	TÔR																	10
462	HURGHÂDA	320	19	20	02	0	0	—	17.2	-0.2	10	7	7	-2	56	0	dr	
465	QUSEIR	290	9	20	02	0	0	—	17.0	+1.1	19	1	15	0	30	0	dr	4
641	PORT SÛDÂN	330	10	20	02	8	7	Sc	14.4		[illegible]	20	21		84	dr		
600	WÂDI HALFA	360	5	20	02	0	0	—	18.0		12	1	9		47	0		
640	ABU HAMAD	360	5	24	02	0	0	—	14.2		19	1	10		30	0		
660	KAREIMA																	
680	'AṬBARA	20	8	20	02	0	0	—	12.1		26	11			56	0		
721	KHARTOÛM	10	5	20	02	0	0	—	12.1		19	5	17		40	0		
730	KASSALA	00	0	20	01	0	0	—	10.1		22	16	18		69	0		
751	WÂD MEDANI	360	9	50	02	0	0	—	11.6		21	9	17		47	0		
801	RENK	310	5	20	02	0	3	Ac	12.8		21	14	18		65	0		
802	ROSEIRES	310	5	20	02	0	0	—	9.0		24	9	19		38	0		
771	EL OBEID	20	9	20	02	0	0	—	12.5		19	-3	16		23	0		
760	EL FASHER	320	4	22	02	0	0	—	17.3		12	-4	9		33	0		
770	GENEINA	50	12	50	02	0	0	—	15.0		16	-8	14		19	0		
840	MALAKÂL	20	14	20	02	1	3	AC	9.8		25	7	21		32	0		
880	WÂU	50	2		02	2	7	AC	9.3		25	11	23		42	0		
941	JUBA	330	1	20	04	0	1	AC	7.5		27	9	19		33	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		Minya		Asyout		Luxor		Siwa		Baharciya		Farafra		Dakhla		Kharga	
DATE	15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2		15-2	
TIME	14		15		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	280	26	270	12	260	8	350	16	330	11	300	3	260	5	360	12	10	9	30	7	360	12
600 m.	270	29	270	13	250	7	360	21	350	14	300	3	260	4	360	15	10	9	20	7	360	12
1000 m.	270	28	270	17	290	7	360	13	360	17	340	10	10	5	360	17	20	8	10	7	360	8
1500 m.			270	17	220	12	10	18	340	16	20	10	10	11	10	22	20	9	350	6	320	10
2100 m.			280	15	300	16	30	21	310	6	10	4	340	6	30	18	280	7	300	5	340	5
2400 m.			260	14	310	16	30	23	320	3	330	4	350	8	20	15	290	5	280	2	320	2
3000 m.			270	6					290	10	360	2	300	7	330	5	290	8			210	4
4000 m.			270	16					350	9			260	8	40	5	320	10			360	8
5000 m			280	16					350	5			300	4	270	1	300	4			340	10
6000 m.			280	14									280	4	350	4						

STATION	Hurghada				S.Barrani		Alex. (A)		Cairo (A)		Luxor		Siwa		Dakhla				Kharga		Hurghada	
DATE	15-2				16-2		16-2		16-2		16-2		16-2		16-2				16-2		16-2	
TIME	14				3		2		2		2		2		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	30			270	26	260	14	50	13	350	5	270	4	30	6			10	8	320	27
600 m.	330	10			270	19	280	14	30	12	360	6	270	4	50	10			10	18	320	12
1000 m.	70	15			280	14	290	15	360	13	20	7	70	6	30	20			20	15	350	4
1500 m.	110	10			300	13	320	24	350	11	340	6	70	4					10	8	40	2
2100 m.	320	21							280	4	30	9	300	4					40	5	110	3
2400 m.	320	16							330	4	30	6	320	7					60	4	100	4
3000 m									340	12									30	10		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrani		Matruh		Alex.(A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Baharciya		Farafra		Dakhla	
DATE	16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2	
TIME	8		9		8		8		8 ,15		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	22	300	16	320	7	20	10	10	12	340	8	100	4	210	3	10	5	360	3	340	3
600 m.	280	14	310	9	360	10	30	11	20	28	20	12	330	10	150	4	10	8	40	8	350	15
1000 m	320	7	300	7			360	15	30	22	30	10	10	9	90	5	20	13	50	17	40	23
1500 m.	280	8	300	4			20	10	20	11	50	12	20	8	50	5	30	22	90	18	40	15
2100 m.	300	8					40	4	60	10			30	10	120	4			80	12		
2400 m.							40	6	40	9			30	10	80	4			80	12		
3000 m							20	5	60	7					150	4						
4000 m.							330	4							250	5						
5000 m							320	9							220	9						
6000 m.															240	17						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						15-2																
TIME						15																
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP. °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	20													
1000 mb.						161	18		270	12										
950 mb																				
900 mb																				
850 mb						1534	8		270	17										
800 mb																				
700 mb							3		280	7										
600 mb																				
500 mb						5750	-16		280	14										
400 mb						7384	-30		300	12										
300 mb.						9260	-46		300	16										
200 mb						11840	-60		280	14										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 16th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of } shallow fog less than 2 m.
12 Continuous } on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) } not falling as shower (s) } during preceding hour not at time of observation
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 } Slight or moderate duststorm or sandstorm } decreased
31 } } no change
32 } } increased
33 } Severe duststorm or sandstorm } decreased } during preceding hour
34 } } no change
35 } } increased
36 Slight or moderate drifting snow } low
37 Heavy " "
38 Slight or moderate " " } high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible } has become thinner during preceding hour
43 " , " not "
44 " , " discernible } no change during preceding hour
45 " , " not "
46 " , " discernible } has begun or become thicker during last hour
47 " , " not "
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent } slight
51 " " " continuous
52 " " " intermittent } moderate
53 " " " continuous
54 " " " intermittent } thick
55 " " " continuous
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent } slight
61 " " " continuous
62 " " " intermittent } moderate
63 " " " continuous
64 " " " intermittent } heavy
65 " " " continuous
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes } slight
71 Continuous " " "
72 Intermittent " " " } moderate
73 Continuous " " "
74 Intermittent " " " } heavy
75 Continuous " " "
76 Ice needles } with or without fog
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 } Shower (s) of soft hail with or without rain } slight
88 } or rain and snow mixed } moderate
89 } Shower (s) of hail with or without rain or } slight
90 } rain and snow mixed, not with thunder } moderate
91 Slight rain } Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail } Thunderstorm at time of observation
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather still prevails all over the Republic. Winds: moderate W/SW'ly on N. coast, light NE'ly elsewhere. Mainly clear except for some Cirrus N. of Delta.

LIBRARY WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 34 U.T. / " " Sunset 15 45 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 15th — At 1800 on 15th

Area	Index	Station	1200 Wind Dir. Deg.	1200 Wind Vel. Knots	1200 Visibility Km.	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar Pressure M.S.L. mb.	1200 Dry Bulb	1200 Dew Point	Relative Humidity %	1800 Wind Dir.	1800 Wind Vel.	1800 Visibility	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Forms	1800 Bar Pressure M.S.L.	1800 Dry Bulb	1800 Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	260	24	18	02	0	0	—	17.8	25	-10	7	200	15	10	02	0	0	—	18.9	17	9	26	+7	60	0
	303	SÎDI BARRÂNI	260	16	18	02	0	0	—	17.5	22	8	41	10	8	10	02	0	0	—	17.9	15	13	23		88	0
	306	MATRÛH (A)	250	17	18	02	0	0	—	18.2	22	1	25	250	5	16	02	0	0	—	19.3	14	10	23		77	0
	309	EL DAB'AA			20	00	0	0	—	18.2	23	1	24				00	0	0	—	18.4	15	4	23		48	0
	319	ALEXANDRIA	270	6	20	02	0	0	—	19.6	19	9	55	00	0	20	02	0	0	—	20.0	17	1	19	0	52	0
	318	ALEXANDRIA (A)	240	10	12	02	0	0	—	19.3	22	7	38	150	2	12	02	0	0	—	19.9	15	9	23	+4	68	0
	330	DAMIETTA	340	2	20	00	0	0	—	19.6	19	9	52	340	2		02	0	3	—	20.3	15	11	20	+2	77	0
	333	PORT SA'ÎD (A)																									
	336	EL 'ARISH																									
Lower Egypt	339	DAMANHÛR	230	2	20	02	0	1	—	20.4	21	10	50	30	2	10	02	0	0	—	19.9	15	9	23	+2	68	0
	342	MANṢÛRA	00	0		02	0	0	—	19.9	21	10	50	00	0		02	0	0	—	20.8	16	10	22	+1	68	0
	348	ṬANTA	330	5	20	02	0	0	—	20.2	[illegible]	8	47	00	0	20	02	0	0	—	20.7	12	10	22	+1	88	0
	360	SHEBÎN EL KÔM	220	5	20	00	0	0	—	20.3	20	3	33	240	2	10	00	0	0	—	21.2	14	8	21		67	0
	354	ZAGAZIG	220	1	20	02	0	0	—	21.6	20	13	64	00	0	10	02	0	0	—	21.2	16	12	22	+1	77	0
	441	ISMA'ILIA																									
Cairo Area	366	CAIRO (A)	90	8	20	02	0	0	—	19.3	20	4	35	30	5	12	02	0	0	—	19.9	15	9	20		68	0
	372	CAIRO ALMÂZA (A)	40	10	25	02	0	0	—	18.8	20	6	41	30	5	12	02	0	0	—	19.7	16	8	20	-1	59	0
	374	CAIRO EZBEKÎYA																						24	+3		
	375	GIZA	60	9	12	02	0	0	—	19.8	20	7	43	10	4	5	02	0	0	—	20.2	15	9	21	0	68	0
	378	ḤELWÂN	360	6	20	02	0	0	—	19.1	19	4	31	360	7	10	02	0	0	—	20.2	16	5	20	0	49	0
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	18.8	21	5	35	360	4	20	02	0	0	—	19.0	16	8	22	0	59	0
	387	MINYA (A)	20	10	10	02	0	0	—	18.3	22	6	36	320	4	8	02	0	0	—	18.8	12	5	23	+1	63	0
	393	AṢYOÛT (A)	340	8	20	02	0	0	—	17.8	22	3	29	30	7	12	02	0	0	—	18.8	16	5	23	+	49	0
	399	NAG' ḤAMÂDI	290	2		02	0	4	Ac, Ci	16.8	23	10	44	30	5		00	0	0	—	17.2	18	5	24	+1	43	0
	402	QENA	290	4	20	00	0	0	—	15.6	23	8	38	340	4		00	0	0	—	16.2	17	7	23	-2	32	0
	405	LUXOR (A)	330	2	22	02	0	0	—	14.9	26	1	30	30	6	12	02	0	0	—	16.3	17	1	28		34	0
	414	ASWÂN	320	12	16	02	0	0	—	13.4	27	-6	11	30		12	02	0	0	—	15.2	21	-4	29	+4	18	0
Oases	417	SÎWA	260	7	16	02	0	0	—	19.8	23	-2	17	280	4	15	02	0	0	—	20.4	15	1	24	+3	39	0
	420	BAḤARÎYA												00	3	10	02	0	0	—	20.6	14	5	23	+1	55	0
	423	FARAFRA	00	0	20	02	0	0	—	20.5	22	3	29	00	0	12	02	0	0	—	21.0	16	-6	23		22	0
	432	DAKHLA	320	5	22	02	0	0	—	18.4	23	-8	12	290	3	7	02	0	0	—	19.5	17	-8	24	0	18	0
	435	KHARGA	20	8	12	02	0	0	—	16.4	24	-2	18	30	6	8	02	0	0	—	17.1	15	2	25	+1	42	0
Red Sea	450	SUEZ	330	3	50	02	0	1		18.6	20	5	38	330	3	10	02	0	0	—	19.4	16	5	21	0	49	0
	459	TÔR																									
	462	HURGHÂDA	350	24	20	02	0	0	—	14.8	22	12	53	340	19	10	02	0	0	—	16.1	18	10	22	+2	60	0
	465	QUSEIR	330	14	20	02	0	0	—	15.5	23	10	44	290	5	20	02	0	0	—	16.2	19	9	23	0	52	0
	641	PORT SÛDÂN	40	23	20	01	2	5	Sc	11.7	26	21	74	360	3	20	03	1	6	Sc	13.3	23	21	27		84	0
North Sudan	600	WÂDI ḤALFA		4	20	02	0	0	—	14.1	26	4	25	340	5	20	02	0	0	—	15.3	20	2	28		30	0
	640	ABU ḤAMAD	20	9	24	02	0	0	—	9.4	31	5	19	340	2	24	02	0	0	—	11.7	24	2	31		24	0
	660	KAREIMA	60	7	21			0	—	10.2	30	4	19	20	8	21	02	0	0	—	11.7	27	1	31		19	0
	680	'AṬBARA	10	8	20	02	0	0	—	12.8	32	7	21	350	4	20	02	0	0	—	9.9	25	7	33		32	0
	721	KHARṬOÛM			20	02	1	0	—	7.3	31	7	22	360	10	20	02	0	0	—	9.3	27	7	33		28	0
	730	KASSALA	360	5	20	02	0	0	—	4.5	35	9	20	350	2	20	02	0	0	—	8.0	25	11	35		42	0
Central Sudan	751	WÂD MEDANI	360	9	20	02	0	0	—	6.8	33	1	13														
	801	RENK	310	5	20	02	1	0	—	6.7	35	12	25														
	802	ROSEIRES	50	9	20	02	0	0	—	2.4	37	4	13														
	771	EL OBEID	20	16	20	02	0	0	—	6.8	31	-1	12	360	6	20	02	0	0	—	9.1	23	1	32		24	0
	760	EL FASHER	40	9	24	02	0	0	—	8.2	30	0	14	50	7	20	02	0	0	—	9.3	25	0	31		19	0
	770	GENEINA	50	9	50	02	0	0	—	7.4	31	-14	5	20	6	50	02	0	1	Ci	9.2	26	-7	33		11	0
S. Sûdân	840	MALAKÂL	30	10	20	02	1	1	Ci	4.8	36	7	17	10	5	20	03	2	6	Cs	6.6	28	11	37		35	0
	880	WÂU	50	9	20	02	0	0	—	3.5	37	6	14	00	0	20	02	0	0	—	4.9	30	9	37		27	0
	941	JUBA	360	3	20	04	0	1	Cu	0.7	39	15	24	80	10	20	04	0	1	Ac	3.1	29	13	41		37	0

At 0600 on SATURDAY 16th FEBRUARY, 1957

Area	Index	Station	Wind Dir. Deg.	Wind Vel. Knots	Visibility Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	280	18	16	02	0	0	—	19.9	+3.2	16	-4	15	+6	26	0	225	
	303	SÎDI BARRÂNI	240	6	18	02	0	0	—	19.0		11	4	8		63	0	209	
	306	MATRÛH (A)	270	4	14	02	0	0	—	20.2	+3.5	13	3	8		51	0	226	
	309	EL DAB'AA			10	00	0	0	—	20.7		12	3	8		55	0	153	
	319	ALEXANDRIA	00	0	20	02	0	0	—	21.1	+3.6	15	9	12	+1	68	0	220	159
	318	ALEXANDRIA (A)	00	0	14	02	0	0	—	20.7	+3.2	12	9	10	0	82	0	188	124
	330	DAMIETTA	210	2		00	0	0	—	20.6	+4.0	13	11	6	-3	88	0	188	82
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	200	2	10	02	0	0	—	20.6	+4.0	12	8	9	+1	77	0	108	73
	342	MANṢÛRA	00	0		00	0	0	—	21.4	+4.7	13	7	9	+1	67	0	58	36
	348	ṬANTA	160	6	20	02	0	0	—	21.6	+4.5	10	8	6	-1	88	0	71	28
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	21.0	+2.5	12	8	8		77	0	53	
	354	ZAGAZIG	00	0	10	02	0	0	—	22.6	+5.3	11	7	6	-1	77	0	44	18
	441	ISMA'ILIA																	
Cairo Area	366	CAIRO (A)	00	0	6	05	0	0	—	20.9		11	8	11		82	0	46	
	372	CAIRO ALMÂZA (A)	30	4	12	02	0	0	—	20.8	+2.4	13	5	11	+2	59	0	51	
	374	CAIRO EZBEKÎYA										14	8	9	+1	67	0	40	17
	375	GIZA	00	0	5	28	—	0	—	21.0	+3.6	10	9	5	-1	94	0	46	17
	378	ḤELWÂN	20	6	10	02	0	0	—	20.4	+2.4	15	1	11	+2	39	0	32	18
Upper Egypt	381	FAYOÛM	330	4	20	02	0	0	—	21.1	+3.7	11	7	8	+1	77	0	13	6
	387	MINYA (A)	330	3	7	02	0	0	—	20.2	+0.6	9	4	4	-1	71	0	2	
	393	AṢYOÛT (A)	270	3	14	02	0	0	—	20.9	+2.2	9	3	4	-2	61	0	dr	
	399	NAG' ḤAMÂDI	00	0		02	0	3	As	19.1	+1.6	12	3	7	+2	55	0	1	
	402	QENA	290	2	10	00	0	0	—	18.7	+1.8	11	7	6	-2	77	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	18.4	+1.1	11	3	6		58	0	0	
	414	ASWÂN	00	0	13	02	0	0	—	17.5	-0.3	17	3	10	-1	39	0	0	
Oases	417	SÎWA	00	0	15	02	0	0	—	21.1	+2.0	6	-2	4	-1	57	0	22	6
	420	BAḤARÎYA	00	0	20	02	0	0	—	21.7	+3.6	10	3	4	-2	62	0	2	6
	423	FARAFRA	00	0	15	02	0	0	—	23.0		7	-6	2		39	0	dr	
	432	DAKHLA	00	0	15	02	0	0	—	22.0	+3.3	9	-11	7	0	23	0	1	
	435	KHARGA	00	0	12	02	0	0	—	18.7	+0.8	11	4	6	-1	63	0	3	
Red Sea	450	SUEZ	00	0	20	00	0	0	—	21.2	+3.3	13	4	6	-4	55	0	28	11
	459	TÔR																	11
	462	HURGHÂDA	310	19	10	02	0	0	—	17.0	-0.3	16	5	8	-2	49	0	dr	
	465	QUSEIR	290	10	20	02	0	0	—	17.4	+1.6	19	4	13	-2	37	0	dr	4
	641	PORT SÛDÂN	310	7	20	03	1		Ci	14.8		23		20	19	84	0		
North Sudan	600	WÂDI ḤALFA	60	3	20	02	0	0	—	18.5		12	-2	8		38	0		
	640	ABU ḤAMAD	360	5	24	02	0	0	—	15.2		18	-7	8		18	dr		
	660	KAREIMA	90	2	21	02	0	0	—	15.2		17	-1	15		30	0		
	680	'AṬBARA	20	6	20	02	0	0	—	12.9		21	9	15		47	0		
	721	KHARṬOÛM	360	12	20	02	0	0	—	13.0		20	4	16		35	0		
	730	KASSALA																	
Central Sudan	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	10	10	20	02	0	0	—	13.1		19	1	14		30	0		
	760	EL FASHER	70	3	26	02	0	0	—	17.2		12	-4	9		33	0		
	770	GENEINA	50	9	50	02	0	0	—	15.7		16	-9	13		17	0		
S. Sûdân	840	MALAKÂL	30	12	20	01	2	3	Ci	10.4		25	4	21		26	0		
	880	WÂU	00	0	20	02	0	0	—	9.0		22	11	20		50	0		
	941	JUBA	50	5	20	04	0	0	—	7.2		30	9			17	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2		16-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	7	280	6	310	6	340	9	50	9	350	7	340	12	360	3	120	3	10	8	40	13
600 m.	240	9	260	8	310	6	340	10	40	10	360	17	350	13	350	9	60	4	10	10	60	7
1000 m.	260	4	290	8	290	5	10	10	40	11	20	17	360	10	320	10	60	3	20	10	50	16
1500 m.	260	5			290	4	40	5	40	11	20	12	60	9	260	3	100	8	30	16	40	10
2100 m.	240	13			260	8	300	8	60	6	20	10	60	7	160	5			30	6	100	9
2400 m.	220	16			230	9	280	6	70	4	70	5	70	6					10	2	130	10
3000 m.	220	11			210	9	10	5	10	4	60	3	30	3					70	4	40	15
4000 m.	240	18			230	14			240	6									170	5	70	3
5000 m					240	13			280	8									260	3	240	4
6000 m.					240	15			260	10									300	8		

STATION	Dakhla		Kharga		Hurghada				Cairo(A)		Luxor		Siwa				Dakhla		Kharga		Hurghada	
DATE	16-2		16-2		16-2				17-2		17-2		17-2				17-2		17-2		17-2	
TIME	14		14		14				2		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	50	7	20	15	330	20			70	15	50	5	10	4			350	6	360	7	330	10
600 m.	50	7	20	15	310	9			60	22	40	6	80	5			350	8	50	5	30	7
1000 m.	30	8	360	13	310	6			40	24	30	9	80	10			40	15	90	3	150	11
1500 m	160	2	350	9	300	7			50	23	40	5	100	8			130	11	70	3	320	2
2100 m.			120	11	170	5			50	23	100	12	150	3			140	21				
2400 m.			240	3	200	3					110	14	240	3			170	24				
3000 m			100	10	120	3							210	4			30	3				
4000 m.			50	12													70	4				
5000 m.			20	10																		
6000 m.																						

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	4	310	11	330	4	360	12	40	16	350	7	140	2	30	9	40	10	40	12	350	9
600 m.	70	14	330	9	40	3	20	14	80	16	30	14	70	2	40	10	40	4	50	17	40	11
1000 m.	40	7	330	3	320	4	20	19	40	23	20	4	130	5	40	9	60	4	50	23	40	12
1500 m.			140	5	50	9	30	19	60	25	140	5	140	5	320	2	60	3	50	17	60	4
2100 m.					360	2	150	9	140	10			170	4	160	11	70	5	20	2	60	13
2400 m.					200	5	150	10	110	9			160	6	170	14	60	11	110	4	80	8
3000 m.					230	5	170	4	120	9			140	5	160	14	320	2	80	6	30	3
4000 m.					220	9	200	14									360	4	180	3	40	2
5000 m																	210	18	220	16	150	20
6000 m																			210	16		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	16-2					16-2																
TIME	14					15																
	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	22				25	20													
1000 mb.	174	20		50	7	184	13		310	6										
950 mb.																				
900 mb.																				
850 mb	1559	15		40	11	1550	5		310	5										
800 mb																				
700 mb.	3177	7		10	4	3034	2		210	9										
600 mb																				
500 mb	5836	-14		270	8	5752	-20		230	13										
400 mb	7496	-26		270	27	9379	-30		250	21										
300 mb	9504	-43		270	22															
200 mb	12140	-54		280	39															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 17th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

C0	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be mild during day, rather cold during night. Some high clouds over Lower Egypt and Cairo during day. Chance for early morning fog in scattered places. Light to moderate winds, SWly on the coast in the extreme west; NE'ly elsewhere.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunrise 04 34 U.T. / Sunset 15 45 U.T.]

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 16 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
SALLOÛM	220	10	18	02	2	4	ci	18.7	22	5	33
SÎDI BARRÂNI	340	4	18	02	1	4	Ac, As	19.1	20	11	56
MATRÛH (A)	340	5	15	02	0	0	—	20.0	20	10	53
EL ḌAB'AA			20	00	0	0	—	20.4	20	6	41
ALEXANDRIA	310	6	20	02	0	0	—	20.3	20	11	56
ALEXANDRIA (A)	340	6	16	02	0	0	—	19.8	22	8	41
DAMIETTA	320	2	20	02	0	0	—	19.9	22	9	44
DAMANHÛR	200	2	20	02	0	0	—	19.4	23	8	38
MANŞÛRA	00	0		02	0	0	—	19.6	24	6	32
ṬANṬA	220	2	20	02	0	0	—			8	
SHEBÎN EL KÔM	340	5	20	00	0	0	—	19.6	23	1	24
ZAGAZIG	220	1	30	02	0	0	—	20.2	24	3	26
CAIRO (A)	10	7	20	02	0	0	—	19.2	23	1	24
CAIRO ALMÂZA (A)	30	10	25	02	0	0	—	19.1	22	-1	21
CAIRO EZBEKÎYA											
GIZA	350	8	12	02	0	0	—	19.8	23	6	34
ḤELWÂN	360	11	20	02	0	0	—	18.7	23	-3	18
FAYOÛM	360	6	20	02	0	0	—	18.8	24	3	26
MINYA (A)	20	13	10	02	0	0	—	18.0	24	5	30
AṢYOÛT (A)	330	6	15	02	0	0	—	18.1	23	3	27
NAG' HAMÂDI	00	0	10	01	0	2	Ac	16.6	24	-1	19
QENA	290	2	20	00	0	0	—	15.9	23	5	32
LUXOR (A)	00	0	22	02	0	0	—	15.3	26	7	30
ASWÂN	320	10	16	02	0	0	—	14.6	28	-7	10
SÎWA	270	1	16	03	1	4	ci	20.6	24	1	22
BAḤARÎYA	40	4	20	03	0	1	ci	19.0	24	12	47
FARAFRA	30	6	20	02	0	0	—	20.1	22	-2	20
DAKHLA	20	9	20	02	0	0	—	18.0	24	-12	8
KHARGA	20	2	20	02	0	0	—	15.8	26	-4	14
SUEZ	330	3	50	02	0	0	—	18.6	23	1	24
TÔR											
HURGHÂDA	350	20	22	02	0	0	—	15.0	23	9	41
QUSEIR	340	13	20	02	0	0	—	15.6	23	10	44
PORT SÛDÂN	30	14	20	02	1	2	Sc	11.9	23	21	89
WÂDI ḤALFA	300	9	20	02	0	0	—	15.2	27	3	22
ABU ḤAMAD	300	2	24	02	0	0	—	10.0	30	3	18
KAREIMA	00	3	21	02	0	1		11.0	30	5	21
ʿATBARA	300	8	20	02	0	0	—	8.5	31	5	19
KHARṬOÛM	20	15	20	02	0	0	—	7.7	32	1	14
KASSALA	20	6	20	02	0	0	—	5.2	34	8	20
WÂD MEDANI	30	9	20	02	0	0	—	6.2	33	5	17
RENK	200		20	02	0	0	—	3	35	7	18
ROSEIRES	30	16	20	02	0	0	—	7.0	32	-9	7
EL OBEID	50	2	26	02	0	0	—	9.4	30	-1	13
EL FASHER	50	2	24	02	0	0	—	8.3	32	-5	9
GENEINA	20	13	20	02	0	1	Ac	4.6	38	3	11
MALAKÂL	20	9	20	02	0	0	—	3.7	37	3	12
WÂU			20	00	0	1	cu	1.2	39	7	14
JUBA											

At 1800 on 16 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	20	0	18	02	1	4	cs	19.7	17	13	23	+4	77	0
SÎDI BARRÂNI	170	6	16	02	1	5	Sc, Ac	19.2	15	11	21		77	0
MATRÛH (A)	00	0	16	02	0	1	cs	20.2	12	8	20		77	0
EL ḌAB'AA				00	0	0	—	20.4	13	9	21		77	0
ALEXANDRIA	40	5	20	02	0	0	—	20.8	16	14	21	+2	88	0
ALEXANDRIA (A)	00	0	12	02	0	0	—	20.6	14	13	23	+4	94	0
DAMIETTA	320	2		02	0	0	—	19.9	16	12	22	+4	77	0
DAMANHÛR	230	2	10	02	0	0		20.2	14	10	25	+4	77	0
MANŞÛRA	00	0		02	0	0	—	20.7	16	10	24	+2	68	0
ṬANṬA	00	0	20	02	0	0	—	21.0	13	9	25	+4	77	0
SHEBÎN EL KÔM	320	2	10	00	0	0	—	20.0	17	7	25		52	0
ZAGAZIG	00	0	10	02	0	0	—	20.9	16	12	26	+5	77	0
CAIRO (A)	90	5	12	02	0	0	—	20.2	17	9	23		60	0
CAIRO ALMÂZA (A)	30	7	12	02	0	0	—	19.7	18	8	23	+2	52	0
CAIRO EZBEKÎYA											25	+4		
GIZA	00	0	8	02	0	0	—	20.3	15	9	23	+2	68	0
ḤELWÂN	360	8	10	02	0	0	—	19.8	18	6	23	+3	46	0
FAYOÛM	360	4	20	00	0	0	—	19.2	17	8	24	+2	56	0
MINYA (A)	360	8	8	02	0	0	—	18.4	13	5	24	+2	59	0
AṢYOÛT (A)	280	5	10	02	0	0	—	18.1	17	4	26	+4	42	0
NAG' HAMÂDI	00	0		01	0	2	Ac	17.1	15	9	26	+3	68	0
QENA	290	2		00	0	0	—	16.0	18	6	25	0	46	0
LUXOR (A)	180	6	12	02	0	0	—	15.8	19	-3	29		23	0
ASWÂN	00	0	10	02	0	0	—	14.7	22	0	29	+3	23	0
SÎWA	00	0	14	01	1	0	—	20.3	16	-1	26	+4	32	0
BAḤARÎYA	00	0	10	01	0	0	—	19.4	17	7	25	+3	52	0
FARAFRA	10	1	12	02	0	0	—	20.3	18	-3	24		24	0
DAKHLA	00	0	8	02	0	0	—	18.7	19	-8	26	+2	16	0
KHARGA	350	1	10	02	0	0	—	16.2	19	-7	28	+3	17	0
SUEZ	330	3	10	02	0	0	—	19.4	18	-1	24	+3	28	0
TÔR														
HURGHÂDA	330	15	10	02	0	0	—	16.2	18	8	24	+4	52	0
QUSEIR	310	7	20	02	0	0	—	16.2	20	11	24	+1	56	0
PORT SÛDÂN	350	5	30	01	0	1	Sc	14.0	23	20	27		84	0
WÂDI ḤALFA	10	7	20	02	0	0		15.1	21	3	29		31	0
ABU ḤAMAD	20	2	24	01	0	0	—	11.9	24	1	31		22	0
KAREIMA	50	6	21	05	0	1	ci	11.9	26	2	31		21	0
ʿATBARA			20	01	0	0	—	10.4	25	4	32		26	0
KHARṬOÛM	360	9	20	02	0	0	—	9.8	27	2			20	0
KASSALA	350	2	20	02	0	0	—	7.6	25	9	35		36	0
WÂD MEDANI											35			
RENK														
ROSEIRES											38			
EL OBEID	30	7	20	02	0	0	—	9.1	25	-1	34		18	0
EL FASHER	50	6	20	01	1	2	cs	10.2	24	3	32		26	0
GENEINA	10	6	50	01	0	0	—	10.5	25	-1	33		18	0
MALAKÂL	10	5	20	02	1	3	Ac	7.6	29	7	37		25	0
WÂU	280	1	20	04	0	0	—	5.8	30	11	38		31	0
JUBA								3.5	31	6	40		21	0

At 0600 on SUNDAY 17 th FEBRUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	260	12	14	01	2	6	cs	21.0	+4.3	17	1	16	+7	34	0	225	
	303	SÎDI BARRÂNI	230	6	18	02	2	5	Sc, Ac	20.8		12	8	10		77	0	269	
	306	MATRÛH (A)	200	1	15	02	2	7	cu, Sc, As	21.1	+4.4	12	3	8		55	0	226	
	308	EL ḌAB'AA			10	00	0	6	cs	21.1		11	9	7		88	0	153	
	319	ALEXANDRIA	00	0	4	05	4	6	As, Cc	21.8	+4.4	14	12	13	+2	88	0	220	160
	318	ALEXANDRIA (A)	00	0	0.0	44	4	3	ci	21.3	+3.8	10	10	8	-2	97	0	188	125
	330	DAMIETTA	140	2		03	0	2	Ac	21.2	+4.6	16	14	9	0	88	0	188	82
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	130	2	0.2	49	4	9	—	21.2	+4.7	11	11	6	-2	97	0	168	74
	342	MANŞÛRA	00	0		00	4	0	—	21.5	+4.8	12	12	10	+2	97	0	58	36
	348	ṬANṬA	00	0	0.2	47	4	8	As	20.9	+3.9	8	8	6	-1	97	0	71	29
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	20.8	+3.3	11	7	8		77	0	53	
	354	ZAGAZIG	00	0	10	10	0	0	—	20.6	+3.3	11	9	7	0	88	0	44	19
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	100	8	12	03	0	2	ci	20.4		13	4	8		55	0	46	
	372	CAIRO ALMÂZA (A)	20	7	15	03	0	2	ci	20.2	+1.9	12	4	9	0	59	0	51	
	374	CAIRO EZBEKÎYA										13	7	9	+1	67	0	40	17
	375	GIZA	10	5	5	03	—	2	ci	20.7	+3.5	10	8	8	+2	88	0	46	17
	378	ḤELWÂN	00	0	10	02	0	1	ci	20.0	+2.1	11	4	10	+1	63	0	32	18
UPPER EGYPT	381	FAYOÛM	360	4	20	02	1	3	cc	19.9	+2.6	13	6	9	+2	63	0	13	6
	387	MINYA (A)	330	3	7	02	0	0	—	18.5	-1.1	9	4	4	-1	71	0	2	
	393	AṢYOÛT (A)	00	0	10	02	0	0	—	19.3	+0.6	10	1	7	+1	54	0	dr	
	399	NAG' HAMÂDI	00	0		02	0	4	As	18.2	+0.8	13	4	7	+2	55	0	1	
	402	QENA	320	1	10	00	0	0	—	18.6	+1.8	13	4	6	-2	55	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	17.9	+0.6	13	2	5		48	0	0	
	414	ASWÂN	00	0	14	02	0	0	—	16.6	-1.1	14	6	11	0	59	0	8	
OASES	417	SÎWA	00	0	15	02	2	7	As	20.7	+1.7	10	-1	9	+4	47	0	22	6
	420	BAḤARÎYA	00	0	20	03	2	6	ci	20.4	+2.3	13	7	7	+1	67	0	2	6
	423	FARAFRA	350	2	15	03	0	2	ci	22.0		6	2	2		76	0	dr	
	432	DAKHLA	00	0	20	02	0	0	—	19.9	+1.3	8	-4	6	-1	43	0	1	
	435	KHARGA	00	0	12	02	0	0	—	17.0	-0.8	11	0	5	-2	47	0	3	
RED SEA	450	SUEZ	230	2	20	00	0	0	—	20.4		14	-1	8	-2	36	0	28	11
	459	TÔR																	11
	462	HURGHÂDA	310	10	22	02	0	0	—	17.4	+0.2	16	-1	9	-1	32	0	dr	
	465	QUSEIR	300	10	20	02	0	0	—	17.6	+1.9	20	6	15	0	41	0	dr	4
	641	PORT SÛDÂN	350	8	20	01	1	0	—	13.8		23	19	20		79	0		
NORTH SUDAN	600	WÂDI ḤALFA	340	8	20			1					-3	11			0		
	640	ABU ḤAMAD	360	5	24	02	0	0	—	14.0		20	-3	17		21	0		
	660	KAREIMA	80	2	21	02	0	1	ci	13.9		18	3	15		37	0		
	680	ʿATBARA	20	5	20	02	0	0	—	12.7		21	9	16		47	0		
	721	KHARṬOÛM	10	12	20	02		0	—	11.8		20	3	17		33	0		
	730	KASSALA	00	0	20	02	0	0	—	10.1		23	15	17		61	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	10.5		22	4	14		31	0		
	801	RENK	290	5	20	02	0	0	—	12.9		23	3	16		27	0		
	802	ROSEIRES	310	2	20	02	0	0	—	11.0		21	8	18		44	0		
	771	EL OBEID	10	5	20	02	0	0	—	12.4		18	0	13		30	0		
	760	EL FASHER	320	4	30	01	0	0	—	16.5		12	-5	8		31	0		
	770	GENEINA	50	6	50	01	0	0	—	13.9		17	-4	13		24	0		
S. SÛDÂN	840	MALAKÂL	30	11	20	01	2	7	cs	10.2		24	2	19		24	0		
	880	WÂU																	
	941	JUBA	00	0	20	04	0	4	ci	8.2		26	10	18		37	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		Alex. (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2		17-2	
TIME	14		15		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	5	350	6	360	15	10	12	300	4	10	8	330	3	40	18	20	17	330	21	30	9
600 m.	300	6	360	7	10	9	30	10	320	4	10	6	20	9	40	19	20	12	330	20	350	9
1000 m.	290	5	360	7	10	18	330	3	300	4	350	4	40	11	40	19	20	15	340	13	280	5
1500 m.	320	11	350	6	40	9	220	5	310	8	190	6	50	5	40	19	30	10	40	5	180	4
2100 m.	290	5	350	4	310	5	270	2			170	6	10	6	70	5	270	5			180	21
2400 m.	240	12	280	4	320	4					190	11	90	3	120	2	220	8			160	6
3000 m.	260	13	260	5							170	14	90	1	260	3	230	9				
4000 m.	240	13	250	12									340	11			260	7				
5000 m.			270	10									190	5			220	13				
6000 m.			270	8									220	5								

STATION	Hurghada				Salloum		S. Barrani		Minya		Luxor		Siwa				Dakhla		Kharga		Hurghada	
DATE	17-2				18-2		18-2		18-2		18-2		18-2				18-2		18-2		18-2	
TIME	14				2		3		2,30		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	7			90	4	40	3	360	26	330	3	80	11			330	7	360	9	320	18
600 m.	90	2			140	3	140	2	120	10	20	15	60	11			30	8	30	10	310	8
1000 m.	360	3			140	2	140	2	70	7	40	9	50	13			20	9	20	6	30	6
1500 m.	210	3							60	10	110	12	50	16			30	10	160	4	90	2
2100 m.	260	10									110	10	40	17							200	9
2400 m.	210	16									120	14	20	12							210	13
3000 m.	90	3									130	12	10	10								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	00	0	330	6	10	6	40	9	50	13	360	11	310	9	20	7	70	12	20	26	20	10
600 m.	50	5	20	7	10	9	40	23	40	20	350	7	280	8	30	10	60	17	20	32	40	13
1000 m.	20	5	40	10	20	10	30	23	50	20	330	4	120	3	60	10	50	16	20	29	30	15
1500 m.			40	9	30	11	30	28	80	9	120	7	140	13	70	10	50	15	20	33	30	10
2100 m.			60	10	40	11			80	6	120	3	170	13	80	5	80	17			120	19
2400 m.			50	6	40	10			160	4			170	14	120	4	60	15			40	9
3000 m.			40	12					190	5					180	10	360	7				
4000 m.									250	8							320	3				
5000 m.									220	13												
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						17-2														
TIME						15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18													
1000 mb.						183	17		340	5										
950 mb.																				
900 mb.																				
850 mb.						1555	10		350	6										
800 mb.																				
700 mb.						3139	0		270	5										
600 mb.																				
500 mb.						5742	-18		260	5										
400 mb.						7369	-31		280	13										
300 mb.						9346	-46		230	28										
200 mb.						11950	-55		250	28										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 18th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm – decreased
31 Slight or moderate duststorm or sandstorm – no change
32 Slight or moderate duststorm or sandstorm – increased
33 Severe duststorm or sandstorm – decreased
34 Severe duststorm or sandstorm – no change
35 Severe duststorm or sandstorm – increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed – slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed – moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder – slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder – moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No apparent change in temperature all over the Republic. Mild weather still prevails. Moderate to fresh NE'ly winds. Some medium and high clouds. Chance for early morning fog in scattered places of Delta.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 33 U.T. / " " Sunset 15 46 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17th	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
	120	2	18	02	1	2	Ci	20.2	23	9	50
	320	5	18	02	0	3	As	19.9	21	10	50
	200	9	10	02	2	7	CS	20.4	19	5	40
	00	0	20	00	0	6	CS	20.4	20	8	46
	40	10	20	03	4	7	As	20.4	17	13	77
	360	10	12	02	2	7	Ci	20.1	19	14	73
	140	5	20	13	0	6	Ac	20.0	18	15	83
	60	2	10	03	4	5	Ac, As	19.6	22	13	57
	00	0	4	03	1	6	Ac	19.5	24	12	47
	40	6	20	03	2	6	Ci	19.2	23	12	50
	340	5	20	01	1	2	Ac	19.2	22	9	44
	40	1	20	01	1	4	As	19.2	22	13	57
	80	15	4	02	1	6	Ci	18.6	22	2	27
	30	13	20	03	2	6	Ci	17.8	22	3	29
	40	14	10	03	1	6	CS	18.1	20	6	41
	20	7	10	02	2	7	Ci	17.2	23	−3	18
	360	6	20	02	2	7	Ac	17.2	24	6	32
	360	6	10	02	0	3	Ci	16.6	25	5	24
	300	3	16	02	0	0	Ci	16.6	24	1	34
	00	0	4	01	0	1	Ac	15.9	26	10	37
	270	1	20	00	0	0	—	15.1	26	10	37
	330	2	22	02	0	0	—	13.9	29	8	27
	350	12	16	02	0	0	—	12.6	31	1	15
	290	3	16	02	2	7	As	19.9	25	−1	18
	40	8	20	03	2	7	Ac, As	17.3	26	13	45
	360	4	20	03	0	3	Ci	18.2	25	2	22
	290	4	25	03	0	2	Ci	17.0	25	−8	11
	20	2	20	02	0	0	—	14.2	29	1	17
	230	2	50	03	0	6	Cu	16.7	26	4	25
	10	13	22	02	0	0	—	15.2	24	14	54
	340	11	20	02	0	0	—	16.0	24	14	54
	50	9	20	03	0	1	SC	11.6	26	22	79
	50	12	20	02	0	0	—	13.3	29	1	17
	50	9	24	02	0	0	—	9.3	32	4	17
	20	8	20	02	0	0	—	7.4	31	5	19
	30	4	20	02	0	0	—	4.6	33	9	23
	50	9	20	02	0	0	—	6.0	33	2	14
	310	5	20	02	0	1	CC	7.6	34	5	16
	310	5	20	02	0	1	Ci	3.3	36	2	12
	20	13	20	02	0	0	—	7.0	32	−2	11
	70	11	35	02	0	0	—	8.1	31	4	18
	60	8	50	02	0	0	—	7.2	33	−3	10
	30	9	20	01	1	1	CS	5.9	36	4	18
	70	7	20	02	0	0	—	2.4	38	3	11

At 1800 on 17th	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
	00	0	10	02	0	0	—	22.1	18	10	24	+5	60	0
	120	5	16	03	0	2	Sc, Ac	20.7	15	16	22			■
	200	1	13	01	2	0	—	21.1	12	9	21			0
	00	0	4	00	0	0	—	20.4	14	12	20		88	0
	40	12	20	01	1	3	Cu	20.0	16	14	22	+3	88	0
	30	7	12	02	2	7	Ac, As	20.3	16	15	23	+4	94	0
	40	3	3	02	1	6	NS	20.2	15	13	23	+2	88	●
	20	5	10	00	1	0	—	20.7	16	14	24	+3	88	0
	40	5	20	03	2	6	Ci	20.4	15	13	24	+3	88	0
	340	2	10	01	1	3	Cu	19.9	16	8	23		59	0
	140	1	10	02	0	0	—	19.9	16	14	23	+2	88	0
	80	9	12	01	2	3	Ci	19.9	16	12	23		77	0
	30	11	10	03	0	3	Cu	19.6	16	13	23	+2	82	0
											23	+2		
	40	12	10	01	0	3	Ci	19.8	17	12	23	+2	72	0
	20	15	10	01	2	2	Ci	18.6	18	8	24	+4	52	0
	360	6	20	01	0	0	—	18.0	18	11	24	+1	64	0
	360	7	7	02	1	2	Ci	17.0	15	6	26	+4	55	0
	320	3	10	02	1	0	—	17.2	20	6	26	+4	41	0
	00	0	3	02	0	3	As	16.0	17	11	27	+4	68	0
	290	2		00	0	0	—	15.2	18	8	28	+3	52	0
	170	2	12	02	0	0	—	14.5	22	4	32		31	0
	00	0	12	02	0	0	—	13.5	25	1	32	+6	21	0
	40	4	14	01	2	3	Ac, As	20.2	18	−4	25	+3	22	0
	150	3	6	01	0	3	Ci	17.5	19	−8	27	+2	16	0
	330	1	10	02	0	0	—	14.6	21	−6	30	+5	16	0
	330	3	10	01	0	0	—	18.4	18	8	27	+6	52	0
	330	2	12	01	0	0	—	15.4	17	12	24	+4	72	0
	270	2	30	02	0	0	—	15.7	20	8	25	+2	46	0
	340	2	20	01	1	0	—	12.7	23	21	27		89	0
	20	7	20	02	0	0	—	13.0	23	7	31		36	0
	70	2	24	02	0	0	—	10.0	26	−1	33		17	0
	30	3	21	02	0	0	—	10.3	28	9	32		31	0
	330	2	20	02	0	0	—	8.9	26	3	32		23	0
	360	7	20	02	0	0	—	9.1	27	1	33		19	0
	360	1	20	02	0	0	—	8.0	24	9	35		38	0
											35			
											37			
	350	5	20	02	0	0	—	9.3	23	−1	33		20	0
	60	8	20	03	0	2	Ci		24	−7	33		13	0
	40	3	50	02	0	0	—	10.1	24	−3	34		17	0
	20	4	20	01	1	5	Ac, CS	7.5	29	7	37		25	0
	00	0	20	02	0	0	—	5.3	30	10	39		29	0
	00	0	20	04	2	2	Ci	4.3	27	7	40		28	0

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANŞÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AŞYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

Retards — Date

At 0600 on MONDAY 18th FEBRUARY 1957	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
	250	4	18	02	0	0	—	21.5	+4.8	16	0	14	+5	34	0	225	
	200	4	18	02	0	0	—	21.0		10	5	8		71	0	209	
	00	0	15	01	0	0	—	21.3	+4.6	8	5	12		82	0	226	
	00	0	10	00	0	2	As	20.9	—	11	9	8		88	0	153	
	00	0	4	05	4	6	Sc	22.6	+3.3	15	13	14	+3	86	0	220	168
	00	0	12	02	2	7	Sc	20.9	+3.4	13	13	12	+2	97	0	188	126
	290	5	4	01	1	3	Cu, Ac	20.4	+3.9	16	12	13	+4	77	0	188	88
	40	2	10	01	1	2	Ci	20.7	+4.2	15	13	9	+1	98	0	108	75
	00	0	3	03	1	5	Cu	21.1	+4.5	13	11	11	+3	88	0	58	36
	40	5	20	03	2	7	Cu	20.0	+3.0	15	11	10	+3	77	0	71	29
	20	2	10	01	0	4	Cu	20.6	+3.2	14	10	12		77	0	53	
	40	1	10	03	2	8	Sc	20.4	+3.1	15	11	9	+2	77	0	44	19
	110	12	18	02	2	8	Sc, Ac, Ci	19.4		15	12	14		82	0	46	
	40	15	15	02	2	7	Sc, Cu	19.1	+0.8	16	12	14	+5	77	0	51	
										16	11	9	+1	72	0	40	17
	70	12	10	01		6	Ac	20.0	+2.7	16	12	12	+6	77	0	46	17
	20	15	10	02	2	7	St, CC	19.0	+1.2	15	9	13	+4	68	0	32	18
	360	0	20	02	2	7	St	18.4	+1.2	15	11	12	+5	77	0	13	6
	350	7	10	03	1	6	Ac, Ci	17.3	−2.2	11	8	8	+3	82	0	2	
	270	5	12	02	0	5	Ci	17.7	−0.9	12	7	11	+4	72	0	dr	
	00	0	3	02	0	3	As	16.0	−1.3	13	7	7	+1	67	0	1	
	270	1	10	03	1	3	Ci	16.4	−0.3	16	5	9	+1	49	0	dr	
	00	0	22	02	0	5	CS	16.2	−1.0	13	5	10		59	0	0	
	00	0	12	01	1	3	Cu	14.7	3.0	19	4	14	+3	37	0	8	
	290	1	15	02	0	0	—	21.4	+2.5	12	−2	6	+1	38	0	22	6
	340	6	20	01	1	3	Ac	19.4	+1.4	12	11	11	+4	94	0	2	6
	360	2	15	02	0	0	—	20.1		12	2	9		81	0	dr	
	340	5	14	01	2	5	Ci	18.3	−0.2	14	−5	14	+7	27	0	1	
	00	0	10	03	1	5	As, CS	14.9	−2.8	15	1	10	+3	39	0	3	
	330	3	20	00	0	3	Cu	18.8	+2.0	15	11	10	0	77	0	28	11
																	11
	310	10	20	02	0	4	Ci	16.5	−0.6	16	3	11	+1	42	0	dr	
		3	20	03	0	8	Ac	15.9	+0.3	23	5	15	0	33	0	dr	4
	320	5	20	01	1	0	—	12.6		23	21	19		89	0		
	360	2	20	01	1	3	Ac	14.3		18	0	14		30	0		
	20	5	24	03	0	6		11.7		21	1	14		27	0		
	80	1	21	02	0	2	Ci	11.7		19	0	18		28	0		
	20	3	20	03	0	1	Ci	10.5		22	11	17		50	0		
	360	7				0	—	10.5		21	3	18		31	0		
	60	0	20	02	0	0	—	8.7		24	5	15		30	0		
	360	9	20	07	2	0	—	9.6		20	1	12		28	0		
	230	2	20	02	0	0	—	10.0		22	7	16			0		
	10	8	30	02	0	0	—	11.3		19	−19	11		7	0		
	10	9	30	02	0	1	Ci	13.8		17	−12	12		18	0		
	30	10	20	04	0	0	—	9.7		24	2	20		24	0		
	350	2	20	02	0	0	—	8.5		21	7	19		41	0		
	00	0	20	04	0	2	Ci	8.2		28	9	19		31	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Alex. (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2		18-2	
TIME	14		15		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	8	10	7	40	15	360	14	310	8	10	8	60	7	40	12	30	11	350	30	10	13
600 m.	50	10	20	7	40	25	20	16	340	5	50	10	50	10	30	14	20	10	350	29	10	10
900 m	40	14	20	9	30	27	20	12	320	3	360	4	50	9	40	18	30	14	360	29	20	8
1500 m.			30	11	40	17	20	10	210	7			50	11			40	10	360	40	40	5
2100 m.			40	10	30	10			150	9			50	9			40	7				
2400 m.			40	8	30	4			160	12			30	7			40	3				
3000 m			30	10					210	16							10	6				
4000 m			20	5					150	3							340	5				
5000 m.			330	6					190	11												
6000 m			320	14					200	10												

STATION	Hurghada						Minya		Asyout		Luxor		Siwa		Dakhla		Kharga				Kharga	
DATE	18-2						19-2		19-2		19-2		19-2		19-2		19-2				19-2	
TIME	14						2		2		2		2		3		3				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	13					10	16	330	7	60	6	70	10	40	2	360	6			350	12
600 m.	330	11					30	4	350	7	50	10	40	8	150	3	320	10			20	12
1000 m	330	3					40	10	20	7	40	10	60	8	10	13	350	6			30	4
1500 m.	330	7					360	3	180	3	50	13	50	12			340	5			40	5
2100 m	280	9					200	9	220	6	40	10	40	10								
2400 m.	260	10					170	11	240	7	50	8	60	10								
3000 m.	290	12											280	6								
4000 m													250	10								
5000 m																						
6000 m																						

STATION	Salloum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2	
TIME	8		8		8		8		9		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	7	300	4	40	6	60	10	360	11	240	6	40	2	90	9	30	17	40	12	320	10
600 m.	140	9	120	10	20	14	50	16	350	10	10	6	30	4	60	7	30	25	40	17	10	10
1000 m	130	9	80	10	30	16	50	14	10	16	40	8	10	4	30	9	50	26	40	10	40	23
1500 m.			20	6	30	12	240	3	330	12	170	4	10	9	70	10	60	36	40	10	360	2
2100 m.									300	7			360	12	50	10	30	13	50	13		
2400 m									340	25			350	18	350	9	40	22	40	13		
3000 m.									50	24			340	13	330	8	30	16				
4000 m.															290	10	10	8				
5000 m.																	20	13				
6000 m																	350	10				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						18-2														
TIME						15														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18													
1000 mb.						183	17		10	7										
850 mb.																				
700 mb																				
500 mb.						1543	8		30	11										
400 mb																				
300 mb.						3116	-1		20	10										
200 mb																				
150 mb						5709	-19		320	12										
100 mb						7330	-31		300	22										
70 mb.						9304	-46		290	36										
50 mb						11890	-60		320	50										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 19th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather still prevails. Moderate NE ly winds freshening at times. Some low and high clouds increasing over Delta and Cairo during daytime.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 33 U.T. / " " Sunset 15 47 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
	00	0	18	02	0	0	—	20.2	23	6	34
	320	7	18	02	0	0	—	20.1	20	10	53
	340	8	18	02	0	0	—	20.5	18	12	68
			20	00	0	0	—	20.2	19	12	64
	40	11	20	01	4	1	cs	19.8	18	13	73
	30	11	18	04	0	0	—	19.7	22	15	65
	20	9	20	03	1	5	cu	19.5	18	13	73
	40	5	20	01	0	1	ci	19.4	22	11	50
	40	5		01	1	2	cu	19.8	21	12	57
	60	10	20	03	2	6	As	18.6	20	13	54
	40	5	28	01	1	1	Ac	18.7	22	9	44
	360	1	20	01	0	3	As	18.6	22	13	57
	90	15	20	01	2	3	ci	17.8	22	9	44
	30	17	25	02	2	5	Ac, cs	17.7	22	10	47
	20	13	12	02	2	6	cc	17.7	21	13	61
	20	21	20	02	2	7	cc	17.1	22	9	44
	360	6	20	01	1	4	st	16.8	22	10	47
	360	9	9	02	1	3	ci	15.3	24	11	44
	310	6	14	03	1	6	cs	15.5	24	6	32
	00	0		01	0	2	Ac	15.2	24	9	38
	270	1	20	02	1	4	ci	14.0	24	14	54
	330	4	22	02	1	5	cs	12.9	28	9	31
	180	10	16	01	0	2	cu	10.4	33	8	21
	140	8	16	02	0	0	—	19.3	26	-2	16
	40	8	20	01	0	0	—	16.8	25	13	48
	360	7	20	02	0	0	—	17.6	24	3	26
	290	4	24	01	1	1	ci	15.9	26	-5	13
	350	3	15	01	2	7	cs	12.1	28	6	25
	330	4	50	03	0	6	cu	17.0	23	8	38
	360	11	22	03	2	7	Ac, As	14.6	22	15	65
	330	14	20	01	2	6	Sc, As, cs	14.6	24	12	47
	30	20	20	03	0	5	Sc, Ac, cu	10.6	3[illegible]		
	360	6	20	02	0	0	—	10.0	32	5	18
	90	2	24	01	2	1	cu, Ac		31	5	19
	50	6	21	02	0	0	—	8.9	32	7	21
	350	6	20	02	0	1	ci	6.0	31	9	26
	70	10	20	02	0	0	—	5.8	33	9	23
	250	4	20	02	0	0	—	3.1	35	9	20
	360	2	20	02	0	0	—	4.4	33	-2	10
	310	5	20	02	0	1	ci	2.2	37	4	13
	30	8	20	03	0	1	ci	5.9	32	1	14
	20	12	30	03	0	2	ci	7.5	30	-12	6
	80	4	50	03	0	1	cu	6.8	31	-4	10
	20	8	20	04	0	0	—	3.6	37	1	11
	20	7	20	02	0	0	—	2.1	38	1	10
	40	7	20	04	0	1	cu	2.1	39	5	12

At 1800 on 18th	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Maximum Today	Temperatures °C Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
	00	0	14	03	0	2	ci	20.9	17	11	24	+5	68	0
	00	0	16	02	0	3	Sc	20.9	14	13	22		94	0
	00	0	10	02	0	0	—	20.7	13	12	19		94	0
				00	0	0	—	20.4	13	11	19		88	0
	40	12	20	01	0	0	—	20.8	16	12	19	0	77	0
	40	8	12	02	0	0	—	20.6	15	14	22	+3	94	0
	340	2		01	1	1	cu	20.0	16	14	18	-1	88	0
	40	2	10	02	0	0	—	19.9	13	11	23	+2	88	0
	00	0		00	0	0	—	20.2	15	13	23	+2	88	0
	40	5	20	02	0	0	—	19.6	14	12	23	+2	88	0
	70	2	10	00	0	0	—	19.6	16	10	23		68	0
	90	12	12	02	0	0	—	18.7	16	12	23		77	0
	30	16	12	02	0	0	—	18.8	17	12	23	+2	72	0
											25	+3		
	50	8	10	02	0	0	—	18.4	16	13	23	+2	82	0
	20	11	10	01	2	1	cc	17.6	17	11	23	+3	68	0
	10	5	8	02	1	0	—	15.4	15	8	25	+3	63	0
	270	5	10	02	0	0	—	15.6	19	10	25	+3	56	0
	00	0		01	0	2	Ac	15.4	18	10	27	+4	60	0
	290	2		00	0	0	—	14.4	19	7	27	+1	46	0
	140	4	12	01	0	1	ci	13.4	22	3	30		29	0
	120	10	12	02	0	0	—	12.6	28	5	34	+8	23	0
	50	5	15	01	1	2	ci	19.4	19	-2	26	+4	24	0
	40	5	10	02	0	0	—	17.8	19	12	26	+3	64	0
	360	3	12	02	0	0	—	18.1	18	0	26		30	0
	260	2	10	02	0	0	—	16.4	20	-1	27	+2	24	0
	00	0	10	02	0	0	—	13.4	19	3	29	+4	35	0
	330	4	10	01	0	0	—	17.9	17	11	25	+4	68	0
	320	17	12	02	0	2	As	15.3	20	11	24	+3	56	0
	300	2	20	01	1	2	cu	15.2	20	14	25	+2	69	0
	00	0	20	01	0	0	—	12.1	24	21	27		84	0
	360	6	20	02	0	0	—	11.5	25	4	33		26	0
	360	2	24	01	0	0	—	8.7	27	4	33		23	0
	10	5	21	02	0	0	—	9.7	25	3	33		24	0
	310	3	20	02	0	0	—	8.3	27	7	33		28	0
	350	7	20	02	0	0	—	7.5	28	8	34		29	0
	360	2	20	02	0	0	—	6.7	25	10	37		39	0
											35			
											38			
	310	6	20	02	0	0	—	7.4	27	10	35		35	0
	10	8	20	01	2	4	ci	6.3	24	-14	32		7	0
	20	7	24	02	0	0	—	9.0	24	-5	33		15	0
	270	2	20	01	1	4	cs	5.4	30	4	39		19	0
	20	2	20	01	2	3	cs	3.8	31	5	39		19	0
	00	0	20	03	0	2	ci	3.3	29	7	40		35	0

At 0600 on TUESDAY 19th FEBRUARY, 1957	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Minimum Today	Temperatures °C Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
	280	8	18	01	0	0	—	20.2	+3.5	15	4	12	+3	48	0	225	
	220	8	18	02	0	0	—	20.3		10	10	7		97	0	209	
	240	4	16	02	2	7	Sc	20.7	+4.0	13	12	8		94	0	226	
			10	00	0	3	ci	19.9		11	9	8		88	0	153	
	90	3	10	03	4	7	cu, As	20.4	+3.2	14	12	13	+2	88	0	220	162
	00	0	8	28	4	7	st, ci	19.9	+2.5	13	13	11	+1	97	0	188	126
	40	2	10	00	0	0	—	19.6	+2.1	17	11	13	+4	68	0	188	84
	40	2		03	0	4	Ac	19.8	+2.3	13	13	9	+1	97	0	108	75
	00	0		01	0	3	As	19.8	+3.2	15	11	12	+4	77	0	58	37
	40	5	20	01	1	4	Ac	19.4	+2.4	14	11	9	+2	82	0	71	29
	20	2	10	00	0	1	Ac	19.5	+2.1	15	11	11		77	0	53	
	40	1	10	02	0	0	—	18.3	+1.1	12	10	10	+3	88	0	44	19
	120	15	16	03	2	3	ci	18.5		15	12	13		82	0	46	
	40	18	10	03	2	4	ci	18.4	+0.2	14	11	13	+4	82	0	51	
										16	10	13	+4	68	0	40	17
	80	10	10	01	—	6	cu	18.1	+0.8	15	11	12	+6	77	0	46	17
	20	7	10	02	2	5	ci	17.7	+0.2	14	10	12	+3	77	0	32	18
	20	6	20	03	1	4	st	17.9	+0.7	15	11	12	+4	77	0	13	6
	350	7	8	03	0	3	ci	16.3	-3.1	12	9	10	+5	82	0	2	
	300	5	14	02	1	5	ci	16.6	-1.9	12	9	10	+3	82	0	dr	
	00	0		02	0	2	As	15.9	-1.4	19	4	6	0	37	0	1	
	00	0	10	00	0	0	—	15.6	-1.0	15	9	9	+1	68	0	dr	
	00	0	22	02	5	0	—	14.4	-2.7	15	7	9		59	0	0	
	00	0	14	02	0	0	—	13.8	-3.8	18	8	3	+1	52	0	8	
	00	0	15	02	0	0	—	20.1	+1.2	8	-2	6	+1	50	0	22	6
	20	3	10	03	2	7	ci	18.8	+0.9	13	11	10	+3	88	0	2	6
	00	0	15	03	0	2	ci	19.5		12	6	9		67	0	dr	
	270	2	17	03	0	2	ci	17.8	-0.7	12	0	11	+4	44	0	1	
	00	0	10	03	0	4	cc	14.3	-3.4	15	7	10	+2	59	0	3	
	330	3	20	00	0	2	cu	18.3	+1.6	14	10	10	0	77	0	28	11
																	11
																dr	
	300	7	20	01	0	0	—	14.8	-0.9	20	8	16	+1	46	0	dr	4
	350	7	20	02	2	7	Sc	11.8		24	20	21		79	0		
	20	3	20	02	0	0	—	13.0		17	0	13		32	0		
	50	2	24	02	0	0	—	11.6		22	7	17		38	0		
	00	0	21	02	0	0	—	10.3		20	7	17		43	0		
	40	6	20	02	0	0	—	9.5		23	13	18		53	0		
	360	5	16	05	0	0	—	9.8		22	4	18		31	0		
	00	0	20	02	0	0	—	9.1		23	13	16		53	0		
	360	9	20	02	0	0	—	9.6		23	3	15		37	0		
	230	2	20	02	0	0	—	9.8		22	7	19		38	0		
	360	7	20	02	0	2	ci	10.1		20	1	13		28	0		
	360	6	28	01	0	0	—	15.3		12	-3	8		24	0		
	60	7	50	02	0	2	ci	15.1		15	-6	12		23	0		
	360	7	20	01	1	2	cs	8.6		24	1	19		22	0		
	360	2	20	02	0	0	—	8.3		23	2	20		26	0		
	320	1	20	04	0	4	Ac	7.8		25	8	18		34	0		

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÍA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAHARÎYA
	429	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2		19-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	4	330	4	360	6	30	14	350	16	310	9	30	11	10	9	30	26	30	11	350	14
600 m.	290	3	40	2	360	8	30	14	360	15	330	9	10	14	30	6	20	23	20	12	360	15
1000 m.	280	5	340	4	10	10	40	16	10	11	330	9	340	10	30	9	20	26	20	20	10	11
1500 m	320	2	350	4	10	14	50	16	30	4	240	5	340	12	40	14	30	23	40	12	310	7
2100 m.			330	8	360	14	20	9	120	3	260	10	330	3	60	10	50	16	10	9	260	10
2400 m			330	9	360	13			320	2	270	12	10	5	40	6	60	9	20	4	350	6
3000 m.					20	11			320	3	290	8	50	6	40	9	40	7	10	6	360	11
4000 m.					360	14					20	3			10	12	340	7				
5000 m.					300	13											10	15				
6000 m.					310	15											360	12				

STATION	Kharga		Hurghada				Salloum		Cairo(A)		Luxor		Siwa		Dakhla				Kharga		Hurghada	
DATE	19-2		19-2				20-2		20-2		20-2		20-2		20-2				20-2		20-2	
TIME	14		14				2		3		2		2		3				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	10	310	13			200	8	50	17	360	11	90	11	310	3			350	10	330	25
600 m.	330	7	310	8			260	8	50	17	210	4	50	9	10	10			20	17	330	25
1000 m.	350	5	340	6			310	5	40	17	340	17	40	9	360	19			40	13	340	12
1500 m.	330	8	340	9			360	7	30	17	350	11	30	11	30	15			360	4	310	6
2100 m.			290	10							10	11	70	10							250	10
2400 m.			290	10							160	10	90	2							280	11
3000 m.			260	16							360	2	40	3							250	13
4000 m.			290	7							200	5									320	12
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2	
TIME	8		8		9		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	14	230	5	40	6	40	17	40	2	320	7	40	2	90	9	20	14	10	17	10	9
600 m	260	9	280	5	40	13	50	16	10	10	350	11	10	5	50	9	20	16	40	17	30	14
1000 m.	270	2	310	5	40	17	40	21	20	12	350	8	140	10	40	9	40	18	20	12	50	8
1500 m.			280	5			20	17	360	16	90	2	100	7	50	13	40	20	40	17	40	17
2100 m.			320	10			20	15	350	4			40	3	20	6	40	17	30	18		
2400 m.			350	10			20	13	270	4			220	2	10	10			20	20		
3000 m.			350	4					340	10			280	4	30	4			20	4		
4000 m.			330	3					350	15					20	5						
5000 m															320	17						
6000 m															310	20						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						19-2														
TIME						15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	17													
1000 mb.						147	15		360	5										
950 mb.																				
900 mb.																				
850 mb						1543	10		100	14										
800 mb																				
700 mb.						3127	1		200	11										
600 mb.																				
500 mb.						5734	-17		130	14										
400 mb						7368	-31		300	26										
300 mb						9338	-47		320	26										
200 mb.						11920	-62													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 20th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather still prevails all over the Republic. Winds chiefly moderate NE ly, fresh at times. Low and high clouds appears over Lower Egypt and Cairo. Possibility of early morning fog in scattered places. In Upper Egypt: Light winds N ly to NE ly. Some high clouds in the northern part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 31 U.T. / " " Sunset 15 48 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
62300	SALLOÛM	110	2	18	02	0	0	—	19.3	23	13	53
303	SÎDI BARRÂNI	20	4	18	02	0	0	—	19.2	18	12	68
306	MATRÛḤ (A)	330	10	16	02	0	1	Sc	19.6	17	14	83
309	EL ḌAB'AA			20	00	0	0	—	19.2	18	13	73
319	ALEXANDRIA	40	10	20	01	1	2	cu, cs	19.2	18	13	73
318	ALEXANDRIA (A)	360	10	12	02	2	5	Sc, ci	18.6	20	14	69
330	DAMIETTA	40	5	20	03	1	6	AC	18.3	18	13	73
333	PORT SA'ÎD (A)											
336	EL 'ARISH											
339	DAMANHÛR	40	5	20	01	1	2	ci	18.4	21	12	57
342	MANṢÛRA	00	0		03	1	5	AS	18.2	23	12	50
348	ṬANṬA	20	9	20	01	1	4	AC	17.4	22	11	50
360	SHEBÎN EL KÔM	40	5	20	01	1	2	AC	17.5	21	1	27
354	ZAGAZIG	40	1	20	03	1	6	AC	16.2	21	14	65
441	ISMA'ILÍA											
366	CAIRO (A)	90	13	14	02	2	6	ci	16.8	21	9	47
372	CAIRO ALMÂZA (A)	40	16	25	02	2	6		16.5	21	11	53
374	CAIRO EZBEKÎYA											
375	GIZA	60	12	12	03	1	1	cs	16.2	21	12	57
378	ḤELWÂN	20	16	20	02	2	6	ci	15.6	22	6	36
381	FAYOÛM	20	6	20	02	2	6	St	14.6	23	8	38
387	MINYA (A)	350	8	10	02	1	3	ci	14.3	25	10	39
393	AṢYOÛT (A)	300	7	14	01	1	1	ci	14.0	25	9	36
399	NAG' ḤAMÂDI	00	0		01	0	3	Ac, ci	13.5	22	3	29
402	QENA	290	2	20	00	0	0	—	13.1	26	12	42
405	LUXOR (A)	290	2	22	02	0	3	ci	11.8	28	11	35
414	ASWÂN	350	9	16	02	0	1	ci	10.5	32	-4	10
417	SÎWA	280	5	16	02	0	0	—	18.5	24	-2	18
420	BAḤARÎYA	40	6	20	01	1	1	ci	15.5	26	13	45
423	FARAFRA	40	5	20	02	0	0	—	16.7	24	3	26
432	DAKHLA	340	5	21	02	0	0	—	15.0	27	-2	15
435	KHARGA	20	4	15	02	0	0	—	11.4	29	5	22
450	SUEZ	330	3	50	03	0	5	cu	16.0	23	8	38
459	TÔR											
462	HURGHÂDA	10	19	22	03	0	4	cs	13.9	23	14	57
465	QUSEIR	340	13	20	03	0	3	cs	13.4	24	14	54
641	PORT SÛDÂN	50	13	20	01	2	4	Sc	9.3	27	23	79
600	WÂDI ḤALFA	20	12	20	02	0	0	—	9.6	31	5	19
640	ABU ḤAMAD	70	5	24	03	0	1	cu	6.2	32	6	20
660	KAREIMA	60	6	21	02	0	0	—	7.0	32	6	20
680	'AṬBARA	340	7	20	02	0	1	cu	5.1	32	8	22
721	KHARṬOÛM	350	8	20	03	0	1	ci	4.9	33	9	23
730	KASSALA	340	2	20	02	0	0	—	2.8	35	10	22
751	WÂD MEDANI	360	9	20	02	0	0	—	4.2	34	1	12
801	RENK	310	5	20	02	0	0		5.8	25	7	32
802	ROSEIRES	310	5	20	02	0	1	ci	2.4	36	9	19
771	EL OBEID	360	9	20	03	0	1	ci	4.7	31	-2	11
760	EL FASHER	30	8	30	03	0	2	ci	6.6	31	-5	9
770	GENEINA	40	7	50	01	0	1	ci	6.8	31	-8	8
840	MALAKÂL	30	6	20	03	1	3	cs	3.1	37	0	10
880	WÂU	10	11	20	02	0	0	—	1.9	37	-4	7
941	JUBA	50	10	20	04	0	1	cu	0.2	39	8	15

At 1800 on 19th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	12	02	0	0	—	21.0	17	9	23	+4	60	0
303	SÎDI BARRÂNI	130	8	16	02	0	0	—	19.8	14	12	19		88	0
306	MATRÛḤ (A)	00	0	10	02	0	0	—	20.2	12	12	19		97	0
309	EL ḌAB'AA				00	0	0	—	20.4	14	12	19		88	0
319	ALEXANDRIA	40	10	20	02	0	2	cu	20.8	16	12	19	0	77	0
318	ALEXANDRIA (A)	10	5	12	02	0	0	—	20.1	14	13	20	+1	94	0
330	DAMIETTA	40	5		00	0	0	—	19.6	15	13	18	-1	88	0
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	19.6	13	11	22	+1	88	0
342	MANṢÛRA				01	0	0	—	19.9	15	12	23	+2	82	0
348	ṬANṬA	40	3	20	02	0	0	—	18.9						
360	SHEBÎN EL KÔM	20	2	10	00	0	0	—	19.1	16	8	22		59	0
354	ZAGAZIG	140	1	10	02	0	0	—	17.9	16	14	22	+1	88	0
441	ISMA'ILÍA														
366	CAIRO (A)	90	10	12	02	1	0	—	19.0	16	11	22		72	0
372	CAIRO ALMÂZA (A)	40	12	20	02	0	0	—	18.6	16	12	22	+1	77	0
374	CAIRO EZBEKÎYA											24	+2		
375	GIZA	50	10	10	02	0	0	—	19.0	16	12	22	+1	77	0
378	ḤELWÂN	20	11	10	01	1	0	—	18.3	16	12	23	+2	77	0
381	FAYOÛM	20	6	20	01	0	0	—	17.5	18	11	24	+1	64	0
387	MINYA (A)	360	8	8	02	0	0	—	15.3	16	10	27	+5	68	0
393	AṢYOÛT (A)	290	4	10	02	0	0	—	15.5	19	12	26	+4	64	0
399	NAG' ḤAMÂDI	00	0		01	0	4	AC	14.7	18	13	27	+4	73	0
402	QENA	290	2		00	0	0	—	13.6	21	7	28	+2	41	0
405	LUXOR (A)	170	2	12	02	0	0	—	12.8	21	12	32		57	0
414	ASWÂN	350	8	12	02	0	0	—	11.7	26	-3	33	+7	15	0
417	SÎWA	00	0	14	02	0	0	—	19.1	17	1	27	+5	34	0
420	BAḤARÎYA	20	4	10	02	0	0	—	18.6	18	11	27	+4	64	0
423	FARAFRA	360	7	12	02	0	0	—	18.0	18	0	26		30	0
432	DAKHLA	290	4	9	02	0	0	—	16.0	21	1	28	+3	27	0
435	KHARGA	00	0	8	02	0	0	—	13.1	20	4	30	+5	35	0
450	SUEZ	330	4	10	01	0	0	—	18.0	17	9	24	+3	60	0
459	TÔR														
462	HURGHÂDA	340	28	12	02	0	2	cs	13.5	21	9	24	+3	47	0
465	QUSEIR	300	4		02	0	3	AC	13.6	21	9	25	+2	47	0
641	PORT SÛDÂN	130	2	20	01	2	3	Sc		25	21			79	0
600	WÂDI ḤALFA	40	5	20	02	0	0	—	11.3	24	5	32		30	0
640	ABU ḤAMAD	360	2	24	02	0	0	—	7.7	25	4	32		26	1
660	KAREIMA	50	2	21	02	0	0	—	8.9	28	7	32		27	0
680	'AṬBARA														
721	KHARṬOÛM	10	7	20	03	0	1	cs	6.9	28	6	35		25	0
730	KASSALA	10	1	20	02	0	0	—	6.7	24	9	36		38	0
751	WÂD MEDANI											35			
801	RENK														
802	ROSEIRES											37			
771	EL OBEID	340	6	20	01	0	0	—	7.2	25	0	33		19	0
760	EL FASHER	50	8	20	02	1	2	ci	8.1	25	-3	32		16	0
770	GENEINA	10	6	50	01	0	0	—	9.1	24	-6	33		14	0
840	MALAKÂL	70	1	20	01	1	1	cs	4.8	28	5	38		23	0
880	WÂU														
941	JUBA	00	0	20	04	0	0	—	2.3	30	6	40		22	0

At 0600 on WEDNESDAY 20th FEBRUARY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Pressure Diff. from normal mb	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	120	12	18	02	0	0	—	20.0	+3.3	18	3	15	+6	37	0	225	
	303	SÎDI BARRÂNI	190	8	18	02	0	0	—	19.4		12	7	8		72	0	209	
	306	MATRÛḤ (A)	00	0	10	02	0	0	—	20.7	+4.0	9	8	4		94	0	226	
	309	EL ḌAB'AA			10	00	0	4	AC	20.6		14	12	10		88	0	153	
	319	ALEXANDRIA	90	4	10	01	4	1	cu	21.1	+4.0	16	10	13	+2	68	0	220	163
	318	ALEXANDRIA (A)	90	2	10	02	2	2	Sc	20.4	+3.0	13	12	11	+1	94	0	188	127
	330	DAMIETTA	40	2		03	1	5	cu	20.3	+3.8	16	12	12	+3	77	0	188	85
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	2	10	01	1	3	cu	20.4	+3.9	15	11	10	+2	77	0	108	76
	342	MANṢÛRA	09	0		03	1	6	Sc, cu	20.8	+4.2	15	11	13	+5	77	0	58	37
	348	ṬANṬA	90	6	20	03	2	7	cu	20.4	+3.5	14	10	11	+4	77	0	71	30
	360	SHEBÎN EL KÔM	40	2	10	01	1	3	cu	20.4	+3.1	14	10	12		77	0	53	
	354	ZAGAZIG	40	1	10	03	2	8	Sc	19.0	+1.8	14	10	10	+3	77	0	44	19
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	90	8	14	03	1	8	Sc	20.3		14	10	12		77	0	46	
	372	CAIRO ALMÂZA (A)	30	10	6	03	2	7	Sc	20.0	+1.9	12	10	11	+2	88	0	51	
	374	CAIRO EZBEKÎYA										13	9	11	+2	77	0	40	17
	375	GIZA	40	6	5	02	0	7	NS	20.7	+3.4	13	10	10	+4	82	0	46	18
	378	ḤELWÂN	20	10	10	02	1	5	Sc, cu	19.9	+2.3	13	9	11	+2	77	0	32	18
UPPER EGYPT	381	FAYOÛM	360	8	20	02	0	0	—	19.2	+2.1	14	10	10	+2	77	0	13	6
	387	MINYA (A)	360	12	7	01	1	3	AC	17.5	-1.8	12	9	11	+6	82	0	2	
	393	AṢYOÛT (A)	280	8	2.5	10	4	8	St	18.4	0.0	11	8	10	+3	82	0	dr	
	399	NAG' ḤAMÂDI	00	0		02	0	3	AS	17.2	0.0	15	9	10	+4	68	0	1	
	402	QENA	320	1	10	00	0	0	—	16.0	-0.5	14	10	11	+3	77	0	dr	
	405	LUXOR (A)	00	0	20	02	0	0	—	15.6	-1.5	15	8	10		63	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	14.9	-2.6	18	3	14	+2	37	0	8	
OASES	417	SÎWA	00	0	16	02	0	0	—	20.8	+2.0	8	0	6	0	58	0	22	6
	420	BAḤARÎYA	20	3	20	02	2	6	Sc	19.6	+1.7	12	10	10	+3	88	0	2	6
	423	FARAFRA	20	3	15	02	0	0	—	20.7		12	6	9		67	0	dr	
	432	DAKHLA	330	5	18	02	0	0	—	18.0	-0.4	14	3	12	+5	48	0	1	
	435	KHARGA	20	1	8	02	0	0	—	18.4	+0.8	14	9	11	+3	72	0	3	
RED SEA	450	SUEZ	330	3	20	00	0	3	cu	19.5	+2.9	15	9	9	-1	68	0	28	12
	459	TÔR																	11
	462	HURGHÂDA	360	25	20	02	0	0	—	15.2	-1.8	17	12	13	+3	72	0	dr	
	465	QUSEIR	320	9	20	01	0	0	—	15.1	-0.5	20	13	16	+1	64	0	dr	4
	641	PORT SÛDÂN	340	4	20	02	0	1	Sc	12.0		23	19	23		79	0.5		
NORTH SUDAN	600	WÂDI ḤALFA	80	7	21	02	0	0	—	11.3		21	1	17		27	0		
	640	ABU ḤAMAD	50	2	24	02	0	0	—	11.6		22	7	17		38	0		
	660	KAREIMA																	
	680	'AṬBARA	10	4	20	01	2	5	cs	10.3		22	13	18		57	0		
	721	KHARṬOÛM	20	9	20	01	1	2	ci	9.7		23	4	19		29	0		
	730	KASSALA	70		20	03	0	7	cs	8.0		27	17	20		55	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	0	1	ci	9.0		24	7	19		34	0		
	801	RENK																	
	802	ROSEIRES	230	2	20	02	0	0	—	9.5		22	9	16		44	0		
	771	EL OBEID	10	5	20	02	0	1	Ac, ci	9.9		20	0	15		26	0		
	760	EL FASHER	270	4	22	03	0	1	cs	14.5		14	-5			27	0		
	770	GENEINA	50	8	50	03	0	2	ci	13.6		17	7	14		19	0		
S. SÛDÂN	840	MALAKÂL	30	10	20	02	0	1	AC	8.0		24	1			22	0		
	880	WÂU	10	2	20	02	0	1	ci	8.5		22	2	17		27	0		
	941	JUBA	320	2	20	04	1	4	Ac, ci	6.8		28	6	18		25	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2		20-2	
TIME	14		14		14		14		14, 15		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	4	300	10	310	3	30	8	350	20	300	17	10	6	360	16	30	21	10	14	360	33
600 m.	280	7	280	10	300	4	40	12	10	17	330	10	20	6	10	14	30	23	40	5	360	23
1000 m.	260	9	260	10	290	5	30	17	20	9	350	14	10	6	10	8	30	22	30	10	10	20
1500 m.			260	8	310	9	20	22	30	11	30	11	280	7	20	4	30	22	40	19	20	17
2100 m.					310	8					30	7	190	6	20	10	40	24	40	14	10	34
2400 m.					300	14					10	4	160	10	30	7	40	26	50	20		
3000 m.					310	7					30	3	200	4	240	4	40	23	30	15		
4000 m.					310	7					320	9			240	7			330	9		
5000 m.					290	14					330	21			300	14						
6000 m.					280	30									290	23						

STATION	Kharga		Hurghada				Cairo (A)		Minya		Luxor		Siwa		Dakhla				Kharga		Hurghada	
DATE	20-2		20-2				21-2		21-2		21-2		21-2		21-2				21-2		21-2	
TIME	14		14				2		2		2		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	18	330	16			90	17	360	15	270	2	180	7	360	2			30	9	330	18
600 m.	360	18	330	11			40	18	70	10	30	8	130	4	10	7			50	6	320	8
1000 m.	20	20	350	5			50	23	30	10	40	16	90	1	20	14			20	7	250	3
1500 m.	40	10	300	17			20	13	20	13	20	10	340	5	00	6			360	7	260	7
2100 m.	350	5	280	18			10	17			280	3	240	3	20	5			10	10	260	8
2400 m.	310	9	280	12			60	7			300	3			00	3					260	10
3000 m.	320	5	280	14							330	3			300	4					270	11
4000 m.	340	11	300	11																	340	9
5000 m.	350	31																			320	12
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2	
TIME	8		8		10		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	280	11	120	5	60	7	60	10	10	18	30	9	70	4	30	13	50	10	320	11
600 m.	250	17	90	14	160	1	50	10	40	23	10	7	30	3	60	4	40	15	50	16	30	7
1000 m.	240	7	260	13	150	10	30	16	30	22	10	10	40	3	50	6	50	23	50	15	40	19
1500 m.					10	17	20	10	40	14	30	11	160	4	20	3	40	26	10	8	30	7
2100 m.					340	12	300	4	40	8	310	13	280	5	50	5	40	32	80	5	80	18
2400 m.							280	4	40	3			220	9	40	5	40	23	40	11		
3000 m.							60	1	200	4			250	7	360	10	40	33	40	10		
4000 m.													310	9	340	10						
5000 m.															260	22						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						20-2														
TIME						14														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	21													
1000 mb.						185	20		340	3										
950 mb.																				
900 mb.																				
850 mb.						1557	11		310	10										
800 mb.																				
700 mb.						3149	2		310	9										
600 mb.																				
500 mb.						5777	-14		280	28										
400 mb.						7342	-27		280	40										
300 mb.						9317	-44		280	37										
200 mb.						11900	-63		280	30										

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. .

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT — CAIRO

DATE THURSDAY 21st FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	with or without fog
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather still prevails all over the Republic. Light/moderate NE ly winds. Mainly clear. Early morning fog over scattered places in Delta and Cairo.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 30 U.T.
" " Sunset 15 48 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 20th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	0	0	—	19.7	24	10	41
	303	SÎDI BARRÂNI	360	8	18	02	0	0	—	19.8	19	13	68
	306	MATRÛH (A)	120	2	16	02	0	0	—	20.2	22	16	47
	309	EL DAB'AA			20	00	0	0	—	20.8	19	12	64
	319	ALEXANDRIA	40	10	20	01	0	0	—	20.3	18	13	73
	318	ALEXANDRIA (A)	360	10	16	02	0	0	—	19.9	20	14	69
	330	DAMIETTA	40	2	20	00	0	0	—	21.1	19	12	64
	333	PORT SAÏD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	5	20	02	0	0	—	19.5	21	12	67
	342	MANSÛRA	40	5		00	0	0	—	19.8	22	11	50
	348	TANTA	40	7	20	02	0	0	—	19.4	21	12	57
	360	SHEBÎN EL KÔM	20	5	20	00	0	0	—	18.6	21	10	50
	354	ZAGAZIG	360	4	20	02	0	0	—	17.6	22	13	57
	441	ISMA'ÎLÎA											
CAIRO AREA	366	CAIRO (A)	80	10	14	01	0	0	—	18.1	22	8	41
	372	CAIRO ALMÂZA (A)	40	13	25	01	0	0	—	18.1	22	11	50
	374	CAIRO EZBEKÎYA											
	375	GIZA	50	11	12	01	1	0	—	18.6	22	19	83
	378	HELWÂN	20	11	20	02	1	0	—	18.2	21	7	41
UPPER EGYPT	381	FAYOÛM	360	8	20	02	0	0	—	18.6	23	9	41
	387	MINYA (A)	360	14	12	02	1	0	—	16.2	24	9	38
	393	ASYOÛT (A)	330	8	12	02	0	0	—	16.1	24	10	41
	399	NAG' HAMÂDI	00	0		01	0	2	AC	15.1	25	13	48
	402	QENA	270	1	20	00	0	0	—	14.2	25	13	48
	405	LUXOR (A)	240	4	22	02	0	0	—	13.4	30	8	25
	414	ASWÂN	360	5	15	02	0	0	—	12.2	33	-7	7
OASES	417	SÎWA	270	4	16	02	0	0	—	20.2	24	4	28
	420	BAHARÎYA	20	5	20	02	1	0	—	17.8	25	12	45
	423	FARAFRA	40	3	20	02	0	0	—	18.5	23	3	27
	432	DAKHLA	340	11	23	02	0	0	—	16.4	25	-2	17
	435	KHARGA	20	7	15	02	0	0	—	13.6	26	6	28
RED SEA	450	SUEZ	330	3	50	01	0	0	—	18.0	21	7	41
	459	TÔR											
	462	HURGHÂDA	350	15	22	02	0	0	—	14.9	23	13	53
	465	QUSEIR	250	13	20	02	0	0	—	15.1	23	14	57
	641	PORT SÛDÂN	40	17	18	05	0	1	SC	9.5	28	17	52
NORTH SUDAN	600	WÂDI HALFA	20	10	20	02	0	0	—	11.0	32	8	22
	640	ABU HAMAD	50	5	24	02	0	0	—	8.1	33	0	12
	660	KAREIMA	70	5	21	02	0	0	—	9.3	32	10	26
	680	ATBARA	10	12	20	08	0	0	—	6.1	33	4	16
	721	KHARTOÛM	80	13	20	01	0	0	—	5.7	33	7	20
	730	KASSALA	300	3	20	01	2	1	ci	3.8	34	11	25
CENTRAL SUDAN	751	WÂD MEDANI	310	9	20	02	0	0	—	9.3	35	-1	10
	801	RENK	310	5	20	02	0	0	—	5.	35	7	18
	802	ROSEIRES	310	5	20	02	0	1	ci	4.9	36	6	15
	771	EL OBEID	10	8	20	02	0	1	ci	6.2	33	3	15
	760	EL FASHER	310	6	30	03	0	3	ci	7.4	31	-2	11
	770	GENEINA	50	2	50	03	2	7	cs	7.3	31	-4	10
S. SÛDÂN	840	MALAKÂL	50	5	20	02	1	6	cs	3.7	37	2	11
	880	WÂU	90	7	20	03	1	5	cs	1.6	38	-1	9
	941	JUBA	50	6	20	07	2	7	cu	4.4	39	9	16

At 1800 on 20th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	360	3	10	02	1	3	cs	16.7	18	13	27	+8	78	0
SÎDI BARRÂNI	150	7	14	02	0	6	sc, ac	19.3	16	13	23		82	0
MATRÛH (A)	120	6	12	01	0	1	cs	20.3	12	11	23		94	0
EL DAB'AA				00	0	0	—	20.2	13	13	20		97	0
ALEXANDRIA	40	10	20	02	0	0	—	21.2	16	12	19	0	77	0
ALEXANDRIA (A)	20	4	12	02	0	0	—	20.8	14	12	21	+2	88	0
DAMIETTA	40	2		02	0	0	—	19.6	19	14	19	0	73	0
DAMANHÛR	40	2	10	02	0	0	—	20.6	13	11	23	+2	88	0
MANSÛRA	00	0		02	0	0	—	20.7	16	12	22	+1	77	0
TANTA	40	3	20	02	0	0	—	20.6	14	12	23	+2	88	0
SHEBÎN EL KÔM	240	2	10	00	0	0	—	20.2	16	8	23		69	0
ZAGAZIG	220	1	10	02	0	0	—	18.2	17	13	22	+1	77	0
CAIRO (A)	70	8	12	02	0	0	—	19.9	16	12	23		77	0
CAIRO ALMÂZA (A)	30	11	12	02	0	0	—	19.4	17	12	22	+1	72	0
CAIRO EZBEKÎYA											25	+3		
GIZA	50	10	10	01	1	0	—	19.6	17	11	23	+2	68	0
HELWÂN	20	14	10	02	0	0	—	19.4	17	9	22	+1	60	0
FAYOÛM	360	6	20	02	0	0	—	18.4	17	11	23	0	68	0
MINYA (A)	360	8	8	02	0	0	—	16.7	15	8	25	+3	63	0
ASYOÛT (A)	320	7	10	02	0	0	—	16.6	18	10	24	+2	60	0
NAG' HAMÂDI	00	0		01	0	2	AC	15.8	18	10	28	+5	60	0
QENA	290	2		00	0	0	—	14.8	20	8	27	+1	46	0
LUXOR (A)	00	0	12	02	0	0	—	14.1	22	7	32		38	0
ASWÂN	180	10	12	02	0	0	—	13.9	24	4	35	+9	28	0
SÎWA	180	2	14	01	0	0	—	19.5	16	0	27	+5	34	0
BAHARÎYA	20	3	10	02	0	0	—	19.1	18	10	26	+3	60	0
FARAFRA	360	4	12	02	0	0	—	19.5	19	0	26		28	0
DAKHLA	290	4	5	02	0	0	—	17.0	20	-6	26	+1	17	0
KHARGA	330	1	8	02	0	0	—	14.3	20	3	28	+3	33	0
SUEZ	330	4	10	02	0	0	—	19.0	17	9	23	+2	60	0
TÔR														
HURGHÂDA	340	21	10	02	0	0	—	15.8	20	11	23	+2	56	0
QUSEIR	300	9				0	—	15.2	20	15	24	+1	73	0
PORT SÛDÂN	350	6	20	02	0	0	—	12.5	23	19	29		79	0
WÂDI HALFA	30	8	20	02	0	0	—	12.5	25	6	33		30	0
ABU HAMAD	360	2	24	02	0	0	—	10.4	25	-1	33		18	0
KAREIMA	50	10	21	02	0	0	—	10.0	28	3	33		20	0
ATBARA	10	9	20	02	0	0	—	8.7	26	3	34		23	0
KHARTOÛM	50	7	20	02	0	0	—	7.0	26	9	35		35	0
KASSALA														
WÂD MEDANI											36			
RENK											36			
ROSEIRES											37			
EL OBEID	30	6	20	01	1	0	—	7.4	26	0	34		18	0
EL FASHER	50	7	20	02	2	7	cs	8.2	26	-1	32		17	0
GENEINA	360	5	50	01	2	6	cs	8.8	25	-4	33		15	0
MALAKÂL	50	4	20	04	1	4	cs	5.2	29	5	37		22	0
WÂU	20	3	20	01	1	0	—	3.9	31	7	39		22	0
JUBA	00	0				2	ci			15	41			0

At 0600 on THURSDAY 21st FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
SALLOUM	280	12	18	02	0	0	—	19.0	+2.3	17	0	16	+7	32	0	225	
SÎDI BARRÂNI	210	15	16	01	0	2	AC	15.9		12	4	10		59	0	209	
MATRÛH (A)	210	14	14	02	0	0	—	19.2	+2.5	13	2	10		48	0	226	
EL DAB'AA			10	02	0	0	—	19.1		10	10	8		97	0	153	
ALEXANDRIA	00	0	4	05	4	8	Ac, sc	21.4	+4.3	13	11	12	+1	88	0	220	164
ALEXANDRIA (A)	120	2	2	10	4	8	sc	21.2	+3.9	12	12	9	-1	97	0	188	128
DAMIETTA	250	2		03	1	4		20.6	+4.1	15	13	10	+1	88	0	188	85
PORT SAÏD (A)																	
EL 'ARISH																	
DAMANHÛR	90	2		01	2	7	Ac, As	20.8	+4.3	12	12	7	-1	97	0	108	77
MANSÛRA	00	0		03	1	5	cu	20.3	+3.6	13	11	11	+3	88	0	58	37
TANTA	00	0	20	03	2	8	cu	21.5	+4.6	9	9	10	+3	97	0	71	30
SHEBÎN EL KÔM	20	2	3	41	4	0	—	21.0	+3.7	10	8	8		88	0	53	
ZAGAZIG	00	0	3	10	0	0	—	19.8	+2.7	10	8	6	-1	88	0	44	20
ISMA'ÎLÎA																	
CAIRO (A)	120	3	7	02	0	0	—	20.7		13	10	10		82	0	46	
CAIRO ALMÂZA (A)	20	3	12	02	0	0	—	20.4	+2.3	11	10	10	+1	94	0	51	
CAIRO EZBEKÎYA										11	9	10	+1	88	0	40	17
GIZA	360	5	04	45	—	0	—	20.4	+3.1	10	9	7	+1	94	0	46	18
HELWÂN	20	13	10	02	0	0	—	19.9	+2.3	14	8	11	+2	67	0	32	18
FAYOÛM	360	8	20	02	0	0	—	19.9	+2.8	14	10	10	+2	77	0	13	6
MINYA (A)	350	8	8	02	0	0	—	18.9	-0.3	10	8	8	+2	88	0	2	
ASYOÛT (A)	270	6	10	03	0	6	sc	19.0	+0.7	11	5	9	+2	67	0	dr	
NAG' HAMÂDI	00	0		02	0	4	As	18.0	+0.8	16	5	8	+2	49	0	1	
QENA	290	2	18	00	0	0	—	17.5	+1.1	15	9	10	+2	68	0	dr	
LUXOR (A)	20	4	22	02	0	0	—	17.1	+0.1	16	7	9		56	0	0	
ASWÂN	350	2	14	02	0	0	—	16.4	-1.0	17	4	13	+1	42	0	8	
SÎWA	00	0	15	02	0	1	Sc, cu	20.1	+1.3	8	-1	6	0	54	0	22	6
BAHARÎYA	00	0	10	02	0	0	—	20.1	+2.3	11	9	5	-2	88	0	2	6
FARAFRA	00	0	15	02	0	0	—	20.7		10	2	6		58	0	dr	
DAKHLA	00	0		02	0	0	—	19.6	+1.3	11	-2	10	+3	41	0	1	
KHARGA	00	0	8	02	0	0	—	16.7	-0.8	12	8	7	-1	77	0	3	
SUEZ	350	3	20	00	0	0	—	19.6	+3.0	10	9	7	-3	94	0	28	12
TÔR																	11
HURGHÂDA	330	17	22	02	0	0	—	16.8	-0.1	18	11	12	+2	64	0	dr	
QUSEIR	310	9	20	02	0	0	—	17.0	+1.4	19	9	15	0	52	0	dr	4
PORT SÛDÂN	310	5	20	02	0	0	—	14.4		23	16	19		65	0		
WÂDI HALFA	20	6	20	02	0	0	—	16.2		16	4	13		45	0		
ABU HAMAD			24	02	0	0	—	13.9		21	3	15		31	0		
KAREIMA	90	2	21	03	0	1	ci	13.9		19	5	16		40	0		
ATBARA	10	8	20	01	0	1	ci	12.5		21	5	17		35	0		
KHARTOÛM	360	11	20	03	0	1	ci	11.5		22	7	19		38	0		
KASSALA																	
WÂD MEDANI	50	13	20	02	0	0	—	10.5		23	9	19		41	0		
RENK	360	5	20	02	0	0	—	11.2		25	3	16		24	0		
ROSEIRES	230	2	20	02	0	1	ci	9.4		22	9	17		44	0		
EL OBEID	40	13	20	01	0	2	ci	10.8		21	1	15		27	0		
EL FASHER	00	0	22	01	2	5	cs	15.1		13	-1	11		38	0		
GENEINA	50	1	50	01	0	1	cs	13.2		18	-5	13		20	0		
MALAKÂL	20	11	20	01	2	1	cs	8.9		25	4	20		26	0		
WÂU	00	0	20	02	0	0	—	8.5		21	11			53	0		
JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya	
DATE	21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2		21-2	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	1	300	7	300	3	90	11	40	9	70	14	350	13	310	8	360	5	100	6	30	22
600 m.	10	9	280	5	260	4	60	6	50	12	50	17	10	12	360	11	320	3	90	7	30	21
1000 m.	360	12	270	5	250	3	20	9	50	12	40	14	20	7	340	5	300	8	120	8	40	15
1500 m.	350	12			290	4	20	10			40	11	20	13	40	6	260	8	40	3	30	14
2100 m.	320	9			10	5					70	7	40	6	30	10	250	10	60	3	30	23
2400 m.	300	4			20	6					90	3			10	12	280	11	320	3	30	22
3000 m.	300	4			340	9					320	4			20	8	290	13	300	6	130	5
4000 m.					290	11					260	11			320	4	320	23	280	11		
5000 m.					300	15					270	23			310	13						
6000 m.					260	31					280	29			290	17						

STATION	Farafra		Dakhla		Kharga		Hurghada				P. Said		Asyout		Siwa				Kharga		Hurghada	
DATE	21-2		21-2		21-2		21-2				22-2		22-2		22-2				22-2		22-2	
TIME	14		14		14		14				2		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	6	20	12	20	14	320	13			70	9	290	10	60	3			10	10	320	17
600 m.	20	10	30	13	10	17	330	3			50	9	350	7	350	6			340	10	280	4
1000 m.	40	9	10	19	320	3	340	5			20	16	340	11	20	6			20	15	190	4
1500 m.	60	7	30	17	270	3	280	10			350	16	320	10	170	4			350	10	240	8
2100 m.	30	10			190	4	260	11							240	7			350	6	240	14
2400 m.	320	23			180	5	280	11							280	10			350	12		
3000 m.	340	4					300	6							270	16						
4000 m.	300	9					250	6														
5000 m.							320	16														
6000 m.							280	23														

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	8	40	11	70	4	70	14	360	12	320	7	40	3	160	5	110	11	60	9	360	8
600 m.	310	11	80	8	30	6	40	17	10	22	340	11	350	6	70	4	100	13	50	15	10	19
1000 m.	310	16	130	17	10	9	20	17	10	23	340	10	340	7	210	3	70	23	30	16	360	23
1500 m.					330	16	10	9	350	15			190	4	310	11	40	10	40	12		
2100 m.					320	12	360	6					210	4	290	13	330	11	100	8		
2400 m.					330	15	360	10					220	4	290	10	330	13	350	5		
3000 m.													240	7	280	9	340	18				
4000 m.																	340	24				
5000 m.																	330	16				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh															
DATE	21-2					21-2															
TIME	14					15															
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	22				25	21														
1000 mb.	157	21		100	12	159	20		310	3											
950 mb.																					
900 mb.																					
850 mb.	1542	13		40	11	1533	11		300	3											
800 mb.																					
700 mb.	3145	3		320	4	3119	0		340	9											
600 mb.																					
500 mb.	5774	-15		280	35	5712	-20		260	28											
400 mb.	7418	-27		260	24	7339	-31		270	33											
300 mb.	9418	-43		260	35	9304	-47		260	41											
200 mb.	12040	-59		280	53	11870	-62		270	55											

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. .

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 22nd FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of } shallow fog less than 2 m.
12 Continuous } on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow } not falling as shower (s)
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
} during preceding hour not at time of observation
30 Slight or moderate duststorm or sandstorm } decreased
31 } no change
32 } increased
33 Severe duststorm or sandstorm } decreased
34 } no change
35 } increased
} during preceding hour
36 Slight or moderate drifting snow } low
37 Heavy " "
38 Slight or moderate " " } high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible } has become thinner during preceding hour
43 " , " not "
44 " , " discernible } no change during preceding hour
45 " , " not "
46 " , " discernible } has begun or become thicker during last hour
47 " , " not "
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent } slight
51 " " " continuous
52 " " " intermittent } moderate
53 " " " continuous
54 " " " intermittent } thick
55 " " " continuous
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent } slight
61 " " " continuous
62 " " " intermittent } moderate
63 " " " continuous
64 " " " intermittent } heavy
65 " " " continuous
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes } slight
71 Continuous " " "
72 Intermittent " " " } moderate
73 Continuous " " "
74 Intermittent " " " } heavy
75 Continuous " " "
76 Ice needles } with or without fog
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain } slight
88 or rain and snow mixed } moderate
89 Shower (s) of hail with or without rain or } slight
90 rain and snow mixed, not with thunder } moderate
91 Slight rain } Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail } Thunderstorm at time of observation
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather during day still prevails all over the Republic. Winds mainly light/moderate NE'ly. Some low clouds over N. coast with chance for early morning fog over Lower Egypt and Cairo.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 29 U.T.
" " Sunset 15 49 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 21st											At 1800 on 21st														
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C						
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
100	3	18	03	0	1	ci	17.2	24	9	38	350	2	10	01	1	2	ci	16.9	19	8	25	+6	49	0
360	6	18	02	0	0	—	17.1	21	14	65	130	6	14	02	0	5	AC	16.6	16	12	22		77	0
340	7	16	02	0	0	—	17.8	22	9	44	00	0	10	01	1	2	CS	18.0	13	12	22		94	0
		20			0	—	17.4	19	8	49				00	0	0	—	18.2	14	12	22		88	0
360	3	20	01	4	0	—	18.0	20	13	64	40	7	20	02	0	0	—	18.2	16	14	22	+2	88	0
340	9	16	02	0	0	—	18.5	20	14	69	20	4	12	02	0	0	—	18.1	14	14	20	+1	97	0
110	2	20	00	0	0	—	18.7	20	13	64	110	2		02	0	0	—	18.4	15	13	20	+1	88	0
70	4	20	02	0	0	—	18.8	18	13	73	30	8	16	02	0	0	—	18.2	16	10	23	+4	68	0
130	2	20	02	1	0	—	18.3	23	12	50	90	2	10	02	0	0	—	18.2	15	13	25	+4	88	0
40	3		00	0	0	—	18.7	24	9	38				02	0	0	—	18.3	17	11	24	+3	68	0
110	5	20	02	0	0	—	18.2	23	12	50	40	4	20	02	0	0	—	18.4	14	10	24	+2	77	0
40	5	20	00	0	0	—	18.2	21	7	41	20	2	10	00	0	0	—	18.0	16	10	22		68	0
60	1	20	02	0	0	—	16.9	22	13	57	140	1	10	02	0	0	—	17.6	18	10	24	+3	60	0
110	14	20	03	0	1	ci	17.2	22	6	36	100	8	12	02	0	2	AC, AS	17.1	18	10	23		60	0
40	15	25	03	0	1	Sc, cu	17.0	22	8	41	30	11	12	01	0	0	—	17.0	18	9	23	+2	56	0
																					25	+3		
60	10	12	02	0	0	—	17.0	23	8	38	40	4	6	01	0	0	—	17.5	18	9	23	+2	56	0
40	19	20	02	0	0	—	17.0	23	5	32	20	4	10	02	1	1	ci	16.8	18	8	24	+3	52	0
20	8	20	03	0	1	SC	16.7	24	7	34	20	6	20	01	0	0	—	16.4	17	9			60	0
20	8	10	03	0	1	AC	16.3	25	7	32	350	6	7	02	0	0	—	15.7	16	7	26	+4	56	0
310	5	16	02	0	0	—	15.7	24	8	36	260	2	10	02	0	0	—	15.8	19	7	26	+4	46	0
00	0	10	01	0	3	AC	15.0	25	-2	11	00	0		01	0	2	AC	15.1	19	9	28	+4	52	0
290	2	20	00	0	0	—	14.4	26	10	37	270	1		00	0	0	—	14.4	18	8	28	+2	52	0
320	4	22	02	0	0	—	13.4	30	8	25	00	0	12	02	0	0	—	13.8	20	3	32		33	0
300	10	16	02	0	0	—	11.4	32	-2	11	170	2	10	02	0	0	—	11.9	25	-2	34	+8	17	0
40	6	16	02	0	0	—	18.1	25	0	19	00	0	14	01	1	1	ci	17.5	17	0	27	+5	32	0
20	6	20	03	0	0	—	16.9	25	13	48	40	1	10	02	0	0	—	16.9	19	8	27	+4	49	0
40	6	20	02	0	1	ci	17.6	24	2	27														
340	3	20	03	0	2	ci	16.2	26	0	18	20	2	6	02	0	0	—	16.7	22	-5	27	+2	16	0
360	3	15	02	0	0	—		28	9	31	00	0	6	02	0	0	—	13.9	19	2	28	+3	32	0
330	3	50	02	0	0	—	17.0	23	5	32	330	3	10	02	0	0	—	16.8	18	8	25	+3	52	0
360	16	22	02	0	0	—	15.4	23	12	50	330	4	12	02	0	0	—	14.9	19	11	24	+3	60	0
320	7	20	02	0	0	—	15.2	33	14	22			20	02	0	0	—	14.8	19	14	24	+1	73	0
30	14	10	07	0	1	Sc	12.5	27	11	37	350	5	20	02	0	1	Sc	12.8		21	28			0
10	10	20	02	0	1	ci	11.8	31	6	21	20	7	20	01	0	0	—	12.3	25	5	33		28	0
90	5	15	06	0	0	—	9.0	32	0	13	50	2	24	01	0	0	—	9.8	25	0	33		19	0
100	7	21	02	0	0	—	9.0	31	1	15	50	3	21	02	0	0	—	9.8	26	0	33		18	0
40	6	20	02	0	0	—	7.0	32	0	13	10	2	20	02	0	0	—	7.9	26	1	33		20	0
50	7	20	01	0	0	—	6.7	32	4	17	30	8	20	02	0	0	—	7.6	28	6	31		25	0
40	7	20	02	0	0	—	4.1	34	0	22	360	3	20	02	0	0	—	6.7	25	9	35		36	0
360	9	20	02	0	0	—	4.9	34													34			
310	9	20	01	0	2	AC	5.5	36	9	19														
310	5	20	02	0	2	CS		38	7	15											39			
											30	6	20	02	0	0	—	7.3	25	4	33		26	0
40	6	20	01	1	1	ci	5.6	32	1	14	30	7	20	01	0	0	—	7.8	27	1	33		19	0
100	2	50	02	0	1	CS	7.1	32	-3	10	360	2	50	02	0	0	—	7.5	27	-1	35		16	0
10	9	30	03	0	4	CS	3.7	37	3	12	30	4	20	02	2	7		4.9	30	6	38		22	0
70	6	20	02	2	6	CS	2.0	38	6	14	00	0	20	01	2	3	CS	2.8	32	11	39		28	0
50	5	20	04	1	7	cu, CS	1.3	37	12	22														
53553		355	12		630	04	99030		18919		22690		43815											

AREA	INDEX NUMBER	STATION	At 0600 on FRIDAY 22nd FEBRUARY 1957																		
			WIND					CLOUD		BAR. PRESSURE		TEMPERATURES °C						RAINFALL mms.		
			DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	230	28	18	02	0	0	—	16.6	-0.1	16	0	16	+7	34	0	325	
	303	SÎDI BARRÂNI	230	12	16	01	1	2	Sc	15.6		14	6	11		59	0	209	
	306	MATRÛH (A)	220	12	16	01	0	1	Sc	16.0	-0.7	14	5	10		55	0	226	
	309	EL DABA'A			10	00	0	0	—	16.3		11	9	9		88	0	153	
	319	ALEXANDRIA	130	10	4	05	4	8	cu, Sc	17.4	+0.4	13	11	12	+1	88	0	220	165
	318	ALEXANDRIA (A)	160	3	0.0	45	4	9	—	17.0	-0.3	11	11	10	0	97	0	188	128
	330	DAMIETTA	140	2	1	10	0	0	—	18.0	+1.6	15	13	11	+2	88	0	188	86
	333	PORT SA'ÎD (A)	50	1	15	01	0	0	—	17.3	+0.2	17	14	14	+2	83	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	130	2	1	10	2	8	AC, AS, CS	18.2	+1.7	13	11	8	0	88	0	108	78
	342	MANŞÛRA	00	0		00	4	0	—	17.8	+1.3	11	9	10	+2	88	0	58	38
	348	ṬANṬA	00	0	20	02	0	0	—	18.4	+1.5	11	11	6	-1	97	0	71	30
	360	SHEBÎN EL KÔM	260	2	10	01	1	1	cu	18.2	+0.9	13	9	8		77	0	53	
	354	ZAGAZIG	00	0	3	10	0	0	—	17.2	+0.1	9	7	5	-2	88	0	44	20
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	100	5	16	01	0	0	—	17.6		14	11	13		82	0	46	
	372	CAIRO ALMÂZA (A)	40	8	8	02	0	1	ci	17.5	-0.5	12	12	12	+3	97	0	51	
	374	CAIRO EZBEKÎYA										13	9	11	+2	77	0	40	17
	375	GIZA	20	6	0.5	45	—	—	—	17.2	-0.1	11	11	11	+5	97	0	46	18
	378	ḤELWÂN	40	4	10	02	1	1	ci	17.4	-0.1	11	10	11	+2	77	0	32	19
UPPER EGYPT	381	FAYOÛM	360	6	20	03	0	1	cu, Sc	17.8	+0.8	15	11	11	+3	77	0	13	6
	387	MINYA (A)	350	7	7	02	0	0	—	16.6	-0.5	11	8	7	+1	82	0	2	
	393	AṢYOÛṬ (A)	00	0	12	02	0	2	CS	17.0	-1.3	12	4	10	+3	59	0	dr	
	399	NAG' HAMÂDI	00	0	3	01	0	5	AC, CS	15.9	-1.2	14	10	8	+2	77	0	1	
	402	QENA	270	1	10	00	0	0	—	15.5	-0.9	15	9	9	+1	68	0	dr	
	405	LUXÛR (A)	00	0	22	02	0	2	ci	14.8	-2.2	14	6	10		59	0	0	
	414	ASWÂN	150	2	13	02	0	2	cu	13.8	-3.5	18	4	13	+1	40	0	8	
OASES	417	SÎWA	00	0	16	01	1	1	ci	17.1	-1.6	10	0	8	+2	50	0	22	6
	420	BAḤARÎYA	00	0	10	01	0	0	—	18.4	+0.6	12	8	7	0	77	0	2	6
	423	FARAFRA	00	0	16	03	0	1	ci	18.4		10	-2	6		44	0	dr	
	432	DAKHLA	00	0	20	03	0	3	ci	17.8	-0.4	9	-6	7	0	34	0	1	
	435	KHARGA	10	2	8	03	0	4	ci	15.2	-2.2	11	5	6	-2	67	0	3	
RED SEA	450	SUEZ	330	3	20	00	0	3	cu	16.6	+0.1	15	11	9	-1	77	0	28	12
	459	TÔR																	11
	462	HURGHÂDA	300	7	20	02	0	4	CS	14.7	-2.1	16	2	9	-1	39	0	dr	
	465	QUSEIR		2	20	03	1	6	AC	14.7	-0.8	21	4	14	-1	33	0	dr	4
	641	PORT SÛDÂN	330	7	20	03	0	2	Sc	12.3		23	19	19	-	79	0		
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	2	AC, ci	14.2		16	2	12		39	0		
	640	ABU ḤAMAD	360	2	24	02	0	0	—	11.9		21	2	16		29	0		
	660	KAREIMA	40	1	21	02	0	0	—	12.5		19	0	16		28	0		
	680	'AṬBARA	10	4	20	02	0	0	—	10.8		21	7	17		41	0		
	721	KHARṬOÛM	20	10	20	02	0	0	—	10.0		21	3	18		31	0		
	730	KASSALA	00	0	20	02	0	0	—	8.7		23	16	16		65	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	0	0	—	10.6		20	9	17		49	0		
	801	RENK																	
	802	ROSEIRES	310	2	20	02	0	0	—	8.6		23	7	17		36	0		
	771	EL OBEID	20	4	20	02	0	0	—				-1	15			0		
	760	EL FASHER	290	5	20	02	0	2	ci	13.6		15	-2	12		32	0		
	770	GENEINA	40	7	50	02	0	1	CS	12.9		18	-5	13		20	0		
S. SÛDÂN	840	MALAKÂL	30	12	20	02	1	3	cu	8.3		25	2	20		22	0		
	880	WÂU	00	0	20	03	2	0	—	7.5		21	11	18		53	0		
	941	JUBA	180	6	20	04	1	7	AC, CS	6.2		29	15	24		43	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallaum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Farafra		Hurghada	
DATE	22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2		22-2	
TIME	14		14		14		14		13, 45		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	310	18	320	15	330	7	250	4	30	12	340	13	290	9	360	6	300	9	270	6	350	12
600 m.	300	14	310	15	320	10	250	6	10	10	340	23	300	6	350	6	280	8	20	7	330	17
1000 m.	290	14	310	12	310	12	280	7	360	10	340	13	340	7	320	5	320	10	270	6	320	8
1500 m.	280	18	330	10	320	17	300	11	360	8			10	10	270	6	330	7	340	10	280	11
2100 m.							350	10	320	8			350	10	260	11	310	11	330	10	280	[illegible]
2400 m.							10	10	310	10					320	12	280	8			280	[illegible]
3000 m.							260	5	310	12					330	12	280	11			300	11
4000 m.									30[illegible]	19							320	13			280	10
5000 m.									280	24							310	18				
6000 m.									310	29												

STATION																	Hurghada				Hurghada	
DATE																	23-2				23-2	
TIME																	2				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.																	320	28			310	25
600 m.																	320	29				
1000 m.																	330	22				
1500 m.																	330	12			350	4
2100 m.																	340	14			300	7
2400 m.																	330	11			310	10
3000 m.																	340	14			290	11
4000 m.																					290	11
5000 m.																					250	15
6000 m.																					250	13

STATION	Sallaum		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2	
TIME	8		8		8		8		8		8		8		8		9		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	290	10	320	14	320	5	20	11	320	9	20	4	50	9	100	3	270	1	340	4	360	13
600 m.	310	10	320	17	300	7	20	10	10	22	10	10	40	4	110	2	20	5	350	15	20	23
1000 m.	320	14			290	15	330	13	360	17	20	12	340	6	60	2	360	11	10	19	20	17
1500 m.							350	10			20	6	290	12	340	9	40	6			360	9
2100 m.							290	12			40	6	290	4	300	14	280	12			320	14
2400 m.							270	11					300	14	290	15	310	6				
3000 m.							250	10					290	12	270	17	320	9				
4000 m.							310	16							290	6	340	6				
5000 m.															320	10						
6000 m.															270	21						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	22-2					22-2														
TIME	13,45					16														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	24				25	16													
1000 mb.	131	23		40	10	148	15													
950 mb.																				
900 mb.																				
850 mb.	1516	12		360	8	1511	10													
800 mb.																				
700 mb.	3118	2		310	12	3095	2													
600 mb.																				
500 mb.	5713	-18		290	24	5693	-20													
400 mb	7340	-31		310	36	7314	-33													
300 mb.	9306	-47		320	49	9271	-48													
200 mb.	11890	-59		300	60	11840	-62													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT — CAIRO

DATE SATURDAY 23rd FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " " not "	has become thinner during preceding hour
44	" " " discernible	no change during preceding hour
45	" " " not "	no change during preceding hour
46	" " " discernible	has begun or become thicker during last hour
47	" " " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather. Slight fall in temperature. Patches of low cloud Lower Egypt. Moderate NW winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 28 U.T. / " " Sunset 15 49 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on FRIDAY 22nd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	340	12	18	03	0	1	Sc	12.2	20	15	87	
	303	SIDI BARRANI	220	11	18	02	0	4	Sc	16.1	18	12	78	0
	308	MATRUH (A)	300	16	16	02	2	0	—	16.4	13	12	84	0
	309	EL DABAA	00	0	20	00	0	0	—	16.4	20	2	46	0
	319	ALEXANDRIA	220	3	20	01	4	0	—	16.2	20	11	76	0
	318	ALEXANDRIA (A)	260	10	16	02	0	0	—	15.4	23	9	41	0
	330	DAMIETTA	140	2	20	02	0	0	—	15.4	21	12	57	0
	333	PORT SAÏD (A)	90	7	22	03	0	1	Ac	17.2	20	13	64	0
	336	EL ARISH												
LOWER EGYPT	339	DAMANHUR	60	5	20	02	0	0	—	16.4	21	18	80	
	342	MANSURA	140	3	4	02	0	0	—	15.5	24	9	32	
	348	TANTA	220	3	20	03	0	0	—	15.5	24	9	32	
	360	SHEBIN EL KOM	290	5	20	01	1	2	Cu	14.9	21	10	50	
	354	ZAGAZIG	140	1	20	02	0	0	—	13.5	23	13	54	
	441	ISMAILIA												
CAIRO AREA	366	CAIRO (A)	70	10	20	02	0	0	—	15.4	28	-2	17	
	372	CAIRO ALMAZA (A)	40	10	25	02	0	0	—	15.2	25	2	27	
	374	CAIRO EZBEKIYA												
	375	GIZA	50	8	12	02	0	0	—	14.1	25	3	24	
	378	HELWAN	40	4	20	02	0	0	—	14.3	26	0	18	
UPPER EGYPT	381	FAYOUM	360	6	20	02	0	0	—	15.5	26	3	20	
	387	MINYA (A)	20	3	8	02	0	0	—	15.8	23	5	28	
	393	ASYOUT (A)	00	0	14	02	0	0	—	15.3	25	4	26	
	399	NAG HAMADI	00	0	4	00	0	0	—	13.0	28	4	22	
	402	QENA	270	1	20	00	0	0	—	14.5	20	7	20	
	405	LUXOR (A)	00	0	22	02	0	0	—	11.5	30	0	22	
	414	ASWAN	120	10	16	02	0	2	Cu	10.5	33	-1	11	
OASES	417	SIWA	280	9	16	02	0	0	—	17.4	23	0	14	
	420	BAHARIYA	20	4	20	02	0	0	—	14.9	22	13	42	
	423	FARAFRA	90	2	20	02	0	0	—	16.3	25	0	19	
	432	DAKHLA	10	3	22	02	0	0	—	12.0	26	-12	7	
	435	KHARGA	40	2	20	02	0	0	—	11.8	28	3	20	
RED SEA	450	SUEZ	330	2	50	01	0	0	—	14.0	24	6	32	
	459	TOR												
	462	HURGHADA	100	17	22	02	0	1	Ci	13.3	24	12	42	
	465	QUSEIR	360	10	20	01	1	1	As, Cs	12.9	24	14	54	
	641	PORT SUDAN	50	10	20	01	1	2	Sc	10.1	27	21	70	
NORTH SUDAN	600	WADI HALFA	10	12	20	02	0	1	Ac	10.4	31	9	26	
	640	ABU HAMAD	50	5	30	01	0	1	Ac	7.1	31	-4	10	
	660	KAREIMA	30	5	21	02	0	0	—	7.1	32	2	13	
	680	ATBARA	350	11	20	02	0	0	—	6.0	33	5	23	
	721	KHARTOUM	30	10	20	02	0	1	Ci	6.0	32	4	17	
	730	KASSALA	340	5	20	02	0	0	—	4.0	34	8	20	
CENTRAL SUDAN	751	WAD MEDANI	50	1	20	01	0	1	Ci	4.5	34	1	12	
	801	RENK	310	7	20	02	0	0	—	3.3		9	19	
	802	ROSEIRES												
	771	EL OBEID	50	7	20	03	0	3	Cs	4.6	33	-9	6	
	760	EL FASHER												
	770	GENEINA												
S. SUDAN	840	MALAKAL	30	6	20	01	1	4	Ac, Cs	3.6	37	2	11	
	880	WAU	20	6	20	01	2	1	Ci	1.5	39	3	11	
	941	JUBA												

At 1800 on FRIDAY 22nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOUM	270	4	12	01	0	0	—	17.6	16	9	22	+3	64	0
SIDI BARRANI	340	13	15	02	0	2	Sc	16.6	15	10	19		72	0
MATRUH (A)	310	13	13	02	0	0	—	17.0	16	12	21		77	0
EL DABAA	00	0	4	00	0	0	—	16.7	16	12	23		77	0
ALEXANDRIA	310	14	20	03	0	5	Cu	16.1	17	13	21	+1	77	0
ALEXANDRIA (A)	330	10	12	03	0	6	Sc	16.0	16	14	23	+4	88	0
DAMIETTA	140	2	3	02	0	0	—	15.6	17	15	21	+2	88	0
PORT SAÏD (A)	90	5	16	02	0	0	—	15.0	16	15	23	+3	94	0
EL ARISH														
DAMANHUR	330	2	10	02	0	0	—	16.2	14	12	24	+3	82	0
MANSURA	40	3	10	02	0	0	—	15.0	19	7	25	+4	46	0
TANTA	00	0	20	02	1	0	—	16.3	14	10	23	+3	77	0
SHEBIN EL KOM	290	2	10	00	0	0	—	16.0	17	9	24		60	0
ZAGAZIG	00	0	10	02	0	0	—	14.6	18	13	26	+5	73	0
ISMAILIA														
CAIRO (A)	30	5	12	02	0	0	—	15.4	17	12	25		72	0
CAIRO ALMAZA (A)	360	4	12	02	0	0	—	15.3	18	12	26	+5	68	0
CAIRO EZBEKIYA											28	+6		
GIZA	30	1	10	02	0	0	—	15.9	18	9	26	+5	56	0
HELWAN	240	3	10	02	0	0	—	15.1	19	7	26	+5	46	0
FAYOUM	360	4	20	02	0	0	—	15.0	18	7	27	+4	49	0
MINYA (A)	360	1	7	02	0	0	—	14.9	15	6	28	+6	55	0
ASYOUT (A)	280	2	12	02	0	0	—	14.3	20	4	28	+6	35	0
NAG HAMADI	00	0	3	02	0	3	As	13.6	17	8	29	+5	56	0
QENA	290	2	5	00	0	0	—	12.7	21	1	28	+2	28	0
LUXOR (A)	180	5	12	02	0	0	—	12.3	20	-1	32		24	0
ASWAN	00	0	14	02	0	0	—	11.5	26	-4	34	+7	14	0
SIWA	280	6	14	02	0	0	—	16.4	16	0	26	+4	34	0
BAHARIYA	320	1	10	02	0	0	—	15.4	19	9	28	+5	52	0
FARAFRA	00	0	12	02	0	0	—	16.9	18	5	26		43	0
DAKHLA	180	4	9	02	0	0	—	15.5	21		28	+3		0
KHARGA	00	0	8	02	0	0	—	12.0	18	-3	29	+4	26	0
SUEZ	330	3	10	02	0	0	—	13.9	21	1	27	+5	27	0
HURGHADA	320	4	12	02	0	0	—	13.3	17	10	24	+3	64	0
QUSEIR	290	4	20	01	0	0	—	13.0	20	14	25	+1	69	0
PORT SUDAN	350	2	20	01	1	1	Sc	11.6	24	22	27		89	0
WADI HALFA	350	8	20	02	0	0	—	11.3	25	3	32		24	0
ABU HAMAD	360	2	24	02	0	0	—	8.9	25	0	33		19	0
KAREIMA	20	4	21	02	0	0	—	9.3	27	-3	33		14	0
ATBARA	350	3	20	02	0	0	—	7.7	26	5	33		27	0
KHARTOUM	20	6	20	01	0	1	Cs	7.7	27	4	33		23	0
KASSALA	00	0	20	01	1	0	—	7.2	24	9	35		32	0
WAD MEDANI											35			
RENK											37			
ROSEIRES											38			
EL OBEID	330	5	20	01	2	1	Ci	7.2	25	-3	33		16	0
EL FASHER	50	10	20	02	0	0	—	7.0	27	-1	33		19	0
GENEINA	30	7	50	01	0	0	—	7.9	26	-3	35		15	0
MALAKAL	40	4	20	02	1	2	Ac, Cs	4.6	30	3	38		18	0
WAU	70	1	20	01	0	0	—	2.6	32	8	40		22	0
JUBA	00	0	20	04	2	4		2.3	32	1	39		36	0

At 0600 on SATURDAY 23rd FEBRUARY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOUM	320	10	10	02	2	5	Sc, Ac	15.8	-0.9	12	7	11	+2	72	0	225	
SIDI BARRANI	330	10	18	02	2	6	Sc	15.8		14	7	12		63	0	209	
MATRUH (A)	250	6	15	02	2	7	Sc	16.2	-0.5	13	11	10		88	0	226	
EL DABAA																153	
ALEXANDRIA	310	10	20		0	5	Cu	16.0	-1.0	18	9	14	+3	82	0	220	166
ALEXANDRIA (A)	300	6	16	02	2	7	Sc	15.5	-1.8	15	10	14	+4	72	0	188	129
DAMIETTA	220	2	4	03	1	3	Cu	15.8	-0.6	13	11	9	0	88	0	188	87
PORT SAÏD (A)	250	11	10	01	2	4	Sc	15.2	-1.8	15	13	14	+2	88	0		
EL ARISH																	
DAMANHUR	200	2	10	02	0	3	Ac	15.9	-0.6	13	11	10	+2	88	0	108	79
MANSURA	00	0	3	01	0	2	Cu	16.4	-0.1	12	10	10	+2	88	0	58	38
TANTA	00	0	20	01	1	1	Ci	16.0	-0.9	13	11	8	+1	88	0	71	31
SHEBIN EL KOM	320	2	10	00	0	0	—	16.4	-0.8	14	10	11		77	0	53	
ZAGAZIG	220	1	10	02	0	0	—	16.0	-1.0	13	11	7	0	88	0	44	20
ISMAILIA																	
CAIRO (A)	240	1	14	01	2	2	Sc	16.4		15	12	12		82	0	46	
CAIRO ALMAZA (A)	00	0	12	01	1	3	Sc, Cu	16.0	-2.0	15	12	13	+3	82	0	51	
CAIRO EZBEKIYA										16	11	11	+2	72	0	40	18
GIZA	00	0	8	01		2	Sc, Cu, Ci	16.8	-0.4	15	11	9	+3	77	0	46	18
HELWAN	360	1	4	03	2	8	St	16.3	-1.1	14	11	12	+3	82	0	32	19
FAYOUM	360	6	20	02	0	0	—	16.7	-0.3	15	11	11	+3	77	0	13	6
MINYA (A)	20	12	1.5	10	2	8	St	15.8	-3.2	12	10	8	+2	88	0	2	
ASYOUT (A)	290	4	12	02	0	0	—	15.4	-2.8	13	1	10	+3	44	0	do.	
NAG HAMADI	00	0	3	02	0	3	As	14.8	-2.3	13	7	8	+2	67	0	1	
QENA	270	1	10	00	0	0	—	14.2	-2.1	14	8	10	+1	67	0	do.	
LUXOR (A)	00	0	22	02	0	0	—	13.3	-3.6	14	3	8		48	0	0	
ASWAN	00	0	14	02	0	0	—	13.5	-3.7	17	3	12	0	39	0	8	
SIWA	00	0	14	02	0	0	—	17.5	-1.2	8	5	6	0	82	0	22	6
BAHARIYA	20	2	0.5	45	4	0	—	17.0	-0.7	10	10	6	-1	97	0	2	6
FARAFRA	280	1	15	02	0	0	—	17.9		10	-4	6		38	0	do.	
DAKHLA	330	2	19	02	0	0	—	16.7	-1.4	11	-12	10	+3	19	0	1	
KHARGA	00	0	12	02	0	0	—	12.7	-4.7	17	6	9	+1	49	0	3	
SUEZ	20	12	20	00	0	3	Cu	15.6	-0.9	15	11	9	-1	77	0	28	12
HURGHADA	310	8	22	02	0	0	—	13.2	-3.5	19	4	11	+1	37	0	do.	
QUSEIR	320	12	20	02	0	0	—	13.0	-2.5	20	6	15	0	41	0	do.	4
PORT SUDAN	320	5	20	03	1	3	Sc	11.0		23	21			89			
WADI HALFA	20	5	20	02	0	0	—	13.5		16	0	12		34	0		
ABU HAMAD	360	5	30	02	0	0	—	10.1		22	-5			16			
KAREIMA	90	3	21	02	0	0	—	11.0		20	-3			21			
ATBARA	350	3	20	02	0	0	—	10.0		20	0			26			
KHARTOUM	10	8		05	0	0	—	10.1		21	0			25			
KASSALA																	
WAD MEDANI	360	9				0	—	8.8		24				21			
RENK	360	5	20	02	0	0	—	8.8		23	3			27			
ROSEIRES	310	5	20	02	0	0	—	8.8		22	7	17		38	0		
EL OBEID	20	10	20	02	0	1	Ci	9.3		21	-2			21			
EL FASHER																	
GENEINA	40	8	50	02	0	0	—	12.8		19	-7			17			
MALAKAL	50	12	20	03	1	5	Ac, Ci	7.6		26	3			23			
WAU	20	1	20	03	1	5		6.7		23	9			41			
JUBA	180	3	20	04	2	7	Sc, Cs	5.5		29	17			49			

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2		23-2	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	8	320	11	320	12	340	7	330	10	350	10	320	13	10	5	260	5	330	6	300	4
600 m	280	5	300	11	320	13	280	8	300	10	340	11	340	13	350	5	260	5	330	8	320	3
1000 m.	280	7	260	13	290	15	260	15	280	10	340	14	360	14	360	5	300	9	310	8	310	5
1500 m.	340	1	250	18	300	11	260	13	270	10	330	8	340	10	310	9	260	12	310	13	280	8
2100 m.			250	19			260	17	260	13			280	9	320	5	260	13	290	14	260	8
2400 m.			250	15			240	16	260	11			250	10	350	7	270	16	280	12	290	15
3000 m.							260	15	270	14			230	13	320	10	270	13	250	9	290	10
4000 m							270	27	280	13							270	23	260	14	210	4
5000 m.									280	18							240	20	280	23		
6000 m.									280	28							260	29				

STATION	Dakhla		Kharga				Alex. (A)		P. Said		Minya		Luxor		Siwa				Kharga		Hurghada	
DATE	23-2		23-2				24-2		24-2		24-2		24-2		24-2				24-2		24-2	
TIME	14		14				2		2		2		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	11	10	11			360	12	280	3	360	23	350	6	310	18			20	7	320	31
600 m.	340	7	10	17			270	15	270	1	10	27	350	6	300	15			330	8	320	16
1000 m.	350	9	10	25			280	17	280	7	20	24	350	10	300	15			310	9	300	9
1500 m.	360	6	20	40					240	14	360	21	360	15	300	16			90	13	210	15
2100 m.											310	15	10	6	290	20			280	23	260	16
2400 m.													30	2							330	20
3000 m.													360	2							320	27
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sulloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	16	230	19	220	3	280	8	350	5	320	2	360	3	320	11	250	7	320	17	270	13
600 m.	290	15	220	12	190	6	280	7	350	8	350	8	360	12	310	20	280	4	320	11	330	14
1000 m.	290	12	280	12	210	5	270	9	300	12	320	10	320	10	310	19	280	7	300	8	290	12
1500 m.	310	17	340	6	240	15	270	24	300	13			300	7	320	19	280	12	250	12	300	23
2100 m					200	24	240	23	290	18			290	9	310	23			260	25		
2400 m.					200	28	220	21	280	24			280	10	300	18						
3000 m.					210	23	220	31							300	24						
4000 m					210	28																
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	23-2					23-2														
TIME	14					15														
	ALT. m.	TEMP °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	22				25	16													
1000 mb.	122	21		350	10	131	15		330	9										
950 mb.																				
900 mb.																				
850 mb.	1496	11		270	10	1478	3		250	18										
800 mb.																				
700 mb.	3089	2		270	14	3062	1													
600 mb.																				
500 mb.	5710	-18		280	23	5669	-19													
400 mb	7337	-31		270	37	4283	-34													
300 mb.	9313	-46		260	43	9240	-48													
200 mb.	11930	-56		270	70	11830	-56													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 24th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent — slight
51 " " " continuous — slight
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature Lower and Middle Egypt, extending southwards. Moderate SW winds, veering to NW later. Patches of low and medium clouds in the north with risk of showers.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 27 U.T. / " " Sunset 15 50 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 23rd											At 1800 on 23rd														
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C					
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
200	8	18	02	2	7	As	15.0	19	7	46	220	4	12	02	2	7	Sc	13.8	16	5	20	0	49	0
300	8	18	01	2	6	Sc, AC	14.8	18	7	45	340	6	16	01	2	5	Sc, AC	14.1	15	5	18		52	0
340	10	16	02	2	7	Sc, ci	15.2	17	10	64	260	3	12	02	2	7	Sc	14.9	15	10	18		72	0
		20					15.0	18	6	46				00	0	5	AC	14.3	15	7	18		59	0
300	1	20	03	1	8	cu, CB	14.7	17	9	60	310	12	20	01	0	0	—	14.5	15	7	19	-1	59	0
320	12	16	02	0	4	Sc, ci	14.6	20	7	43	330	10	12	02	0	3	Sc	14.6	16	6	20	+1	52	0
320	2	20	02	1	3	AC	14.6	18	10	60	320	2		00	0	0	—	14.6	15	11	19	0	77	0
330	4	16	01	1	3	Sc, ci	14.2	19	10	56	10	1	18	01	0	1	AC	14.1	16	10	21	+2	68	0
230	5	20	01	0	1	ci	14.6	20	8	46	350	2	10	03	0	2	AC	15.0	13	9	21	0	77	0
360	5		03	1	5		13.9	21	10	50	360	3		00	0	0	—	14.3	15	9	22	+1	68	0
210	6	20	01	1	3		14.0	21	10	50	310	2	20	02	0	0	—	14.4	13	9	22	0	77	0
320	5	20	00	0	0	—	14.6	21	7	41			10	01	1			14.8	16	5	22		49	0
270	1	20	03	1	4	AC	13.9	21	14	65	00	0	10	02	0	0	—	14.2	17	11	23	+2	68	0
330	8	15	02	0	3	Sc, ci	14.0	20	10	53	10	4	12	01	0	0	—	13.9	17	9	22		60	0
290	10	20	03	0	3	cu	13.8	20	9	49	350	9	12	01	0	0	—	14.0	18	8	23	+2	52	0
																					24	+2		
340	6	12	01	1	0		14.8	21	13	51	20	6	8	01	1	0	—	14.6	17	9	22	0	60	0
320	4	10	02	0	0	—	13.8	21	7	41	340	3	10	02	0	0	—	14.2	17	7	21	0	52	0
360	6	20	02	0	0	—	13.6	23	9	41	360	6	20	02	0	0	—	13.5	17	10	24	+1	64	0
350	8	10	02	0	0	—	13.9	24	10	41	00	0	5	02	0	0	—	13.0	16	6	25	+3	52	0
320	8	6	02	0	0	—	13.4	25	6	30	00	0	10	02	0	0	—	13.4	17	8	26	+4	56	0
00	0		00	0	0	—	11.5	29	12	35	290	2		02	0	3	As	12.2	19	9	29	+5	57	0
290	2	20	00	0	0	—	11.4	26	10	37	290	3		00	0	0	—	11.4	21	7	29	+3	41	0
320	2	22	02	0	0	—	10.5	30	3	18	270	6	12	02	0	0	—	10.8	21	3	31		31	0
320	10	16	02	0	0	—	10.0	30	-4	11	00	0	10	02	0	0	—	12.1	23	1	33	+6	24	0
260	8	16	02	0	1	Sc	15.2	22	9	44	340	11	14	02	0	1	ci	15.1	17	5	22	0	46	0
320	2	20	02	4	0	—	13.8	24	13	50	320	2	10	02	0	0		14.0	18	11	27	+4	64	0
280	1	20	02	0	0	—	14.8	26	4	25	290	1	12	02	0	0	—	14.8	17	-3	27		26	0
330	5	25	02	0	0	—	13.9	26	-12	7	290	3	8	02	0	0	—	14.6	20	-12	27	+2	11	0
340	8	14	02	0	0	—	10.6	28	0	16	00	0	6	02	0	0	—	11.4	20	-3	29	+3	21	0
20	2	50	01	0	1	cu	13.6	22	9	44	330	2	10	01	0	0	—	13.8	18	10	23	+1	60	0
350	22	22	02	0	0	—	11.1	24	9	38	340	15	13	02	0	0	—	11.0	21	4	25	+4	33	0
350	12	20	02	0	0	—	12.0	24	7	34	310	10	20	02	0	0	—	11.6	21	1	25	+1	50	0
60	11	20	01	1	5	Sc, As	8.6	27	23	79	360	6	20	03	0	5	Sc	9.6	25	22	28		84	0
10	16	20	02	0	0	—	9.3	30	4	19	20	3	20	02	0	0	—	10.3	23	4	31		29	0
60	5	30	02	0	0	—	5.9	32	-1	12	360	2	24	02	0	0	—	7.9	25	-3	33		16	0
50	4	21	02	0	0	—	6.7	33	1	13	10	3	21	02	0	0	—	7.8	25	-3	33		16	0
320	6			0	1	—	4.9	33			350	4	20	02	0	0	—	6.4	27	6	33		27	0
320	9	20	02	0	0	—	4.4	33	2	14	350	7	20	02	0	0	—	6.0	28	4	34		22	0
70	1	20	02	0	0	—	2.4	35	10	22	360	1	20	02	0	0	—	4.9	26	11	36		40	0
310	9	20	02	0	0	—	3.2	35	1	10											36			
310	5	20	02	0	0	—	5.2	36	2	12														
310	5	20	02	0	2	cS	4.6	36	1	11														
350	4	20	01	0	0	—	4.0	32	-6	8	40	7	20	01	0	0	—	6.5	25	-9	34		10	0
20	12	30	02	0	0	—			-1		10	5	50	02	0	0	—	8.0	25	-7	34		12	0
60	8	50	02	0	0	—	4.9	33	-6	8														
70	9	20	03	2	6	AC, CS	3.2	37	2	11	50	4	20	01	2	5	AC, CS	4.4	29	6	38		23	0
70	8	20	02	2	6	AC, AS	2.3	36	-1	10	00	0	20	02	0	4		3.2	30	7	38		24	0
270	3	20	04	8	6	AC		36			130	5	20	04	2	7	AC, As	4.3	30	17	37		46	dr

* 9 = Sky obscured by fog etc.

At 0600 on SUNDAY 24th FEBRUARY, 1957																	
WIND					CLOUD		BAR. PRESSURE		TEMPERATURES °C					RAINFALL mms.			
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
270	16	18	02	2	7	Sc, ci	13.5	-3.2	12	5	12	+3	63	0	225	
350	12	16	03	2	8	cu, Sc	13.5		14	9	11		72	0	209	
140	4	15	02	2	7	Sc	12.8	-3.9	12	6	10		67	0	236	
		10	00	0	7	AC, AS	12.9		12	8	8		77	0	153	
180	8	20	03	0	2	as	13.6	-3.3	14	8	12	+1	67	0	220	167
210	3	12	02	0	3	ci	13.1	-4.1	13	8	11	+1	72	0	188	130
220	2		03	1	3	Sc	14.0	-2.4	12	8	10	+1	77	0	188	88
290	5	14	03	0	6	Sc, ci	13.4	-3.6	15	10	13	+1	72	0		
200	5	10	03	0	1	CS	14.0	-2.5	12	10	8	0	88	0	108	80
00	0		00	0	0	—	13.8	-2.7	11	9	8	0	88	0	68	39
310	1	20	01	1	1	AC	14.8	-2.1	12	8	6	-1	77	0	71	31
250	2	10	00	0	0	—	14.3	-2.9	12	8	10		77	0	53	
00	0	10	02	1	1	ci	13.6	-3.4	11	8	7	0	82	0	44	20
00	0	12	03	0	4	Sc	13.6		15	5	10		52	0	46	
00	0	15	03	0	3	Sc, cu	14.2	-3.7	14	8	10	0	67	0	51	
									15	10	11	+2	72	0	40	18
00	0	8	03	—	2	AC	14.8	-2.4	12	9	7	0	82	0	46	18
00	0	4	05	0	1	ci	14.3	-3.1	13	9	10	+1	77	0	32	19
360	4	20	02	0	0	—	14.6	-2.3	14	9	10	+2	72	0	13	6
350	4	7	02	0	2	ci	14.2	-2.8	12	8	9	+3	77	0	2	
270	5	12	03	0	1	ci	14.4	-3.7	12	6	10	+3	67	0	dr	
00	0		01	0	5	AC	14.7	-2.3	13	7	8	+2	67	0	1	
270	1	10	00	0	0	—	13.3	-3.0	14	8	5	-4	67	0	dr	
00	0	22	03	0	3	CS	12.4	-4.4	15	2	10		42	0	0	
00	0	14	02	0	0	—	12.7	-4.4	16	5	11	-1	49	0	8	
300	10	16	01	1	3	As	18.6	0.0	12	5	9	+3	63	0	22	6
320	2	10	03	0	1	AC	15.1	-2.6	10	6	6	-1	76	0	2	7
360	5	15	02	0	0	—	16.7		14	4	6		52	0	dr	
00	0	20	02	0	0	—	15.4	-2.7	13	-4	11	+4	31	0	1	
00	0	12	02	2	4	ci	12.0	-5.3	13	4	7	-1	55	0	3	
360	2	20	00	0	5	cu	13.8	-2.6	15	9	9	-2	68	0	28	12 11
300	11	22	03	0	1	ci	11.7	-5.0	17	7	12	+2	62	0	dr	
270	6	20	02	0	0	—	12.4	-3.0	20	5	15	0	38	0	dr	4
00	0	20	03	0	1	Sc	10.9		24	19	20		74	0		
340	3	20	03	0	3	ci	13.7		14	0	12		39	0		
00	0	24	03	0	1	ci	10.8		23	-2	17		19	0		
70	1	21	03	0	4	ci	11.5		18	-2	17		26	0		
10	23	20	03	0	3	ci	9.9		22	9	17		44	0		
360	10	20	02	0	1	ci	9.7		23	3	19		27	0		
00	0	20	02	0	0	—	7.9		24	15	16		57	0		
360	5	20	02	0	0	—	9.5		22	4	15		31	0		
360	5	20	02	0	2	AC	10.8		23	3	16		27	0		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MATRUH (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSURA
	348	TANTA
	360	SHEBIN EL KOM
	354	ZAGAZIG
	441	ISMA'ILIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYA
	375	GIZA
	378	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOUT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOUM
	730	KASSALA
CENTRAL SUDAN	751	WAD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2		24-2	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	18	310	14	280	13	280	10	280	9	270	11	300	10	290	5	270	18			360	6
600 m.	330	18	280	16	260	20	280	17	280	16	290	16	300	11	290	10	270	21	310	18	330	7
1000 m.	320	18	280	18	250	21	280	16	270	16	280	17	310	12	310	13	270	31	310	18	310	9
1500 m.	290	17	290	17	240	26	250	12	290	20	280	19	340	8	310	17	290	13	310	17		
2100 m.			290	19	240	20	260	10	260	26	280	20	300	15	350	16	310	11	320	17		
2400 m.			290	23			270	10	220	14	260	17	280	9			300	23	320	8		
3000 m.			260	21					230	16			280	14			310	15				
4000 m.			300	23					270	33							300	31				
5000 m.			270	29																		
6000 m.			270	32																		

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor		Siwa		Dakhla		Hurghada				Hurghada	
DATE	24-2		24-2				25-2		25-2		25-2		25-2		25-2		25-2				25-2	
TIME	14		14				2		2		2		2		4		3				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	16	360	16			270	14	270	2	310	17	280	16	310	16	330	17			300	10
600 m.	310	22	340	17			280	17	280	9	320	20	300	17	330	21	320	14			290	9
1000 m.	310	22	270	7			290	19	280	17	320	20	300	18	300	21	310	14			300	10
1500 m.			240	12			280	30	290	26	310	17					300	11			280	10
2100 m.			230	17					280	20	250	20					250	19			270	13
2400 m.			220	23					280	27	250	22					250	35			320	16
3000 m.			210	33																		
4000 m.			240	27																		
5000 m.																						
6000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	9	240	12	250	11	290	7	290	10	260	4	320	11	280	10	260	12	300	11		
600 m.	310	9	260	19	250	13	290	1	300	10	260	4	320	13	250	15	280	12	320	19	330	7
1000 m.	300	16	250	21	270	14	310	16	310	15	290	4	320	15	260	16	300	17	310	23	340	16
1500 m.			260	22			300	18	310	17	320	9	320	17	280	23	290	19	320	16	350	10
2100 m.			270	22			300	18	320	12	330	17	310	20	270	25	290	9			300	24
2400 m.			270	24			300	38	290	17	310	25	310	23	280	30	290	14				
3000 m.									290	23	260	15	320	24								
4000 m.											260	38										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						24-2														
TIME						14														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	15													
1000 mb.						181	13		320	12										
950 mb.																				
900 mb.																				
850 mb.						1518	2		290	17										
800 mb.																				
700 mb.						3051	-8		290	20										
600 mb.																				
500 mb.						5569	-27		270	31										
400 mb.						7137	-40		260	33										
300 mb.						9043	-52		260	39										
200 mb.						11680	-52		290	35										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 25th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Low clouds still increasing over Lower Egypt, specially near the coast where scattered rain is likely to fall. No more fall in temperature is expected. Moderate winds mainly W'ly in Lower Egypt, N'ly in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 06 26 U.T.
" " Sunset 15 51 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24 th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
320	14	18	02	2	6	Sc, ci	10.9	20	7	43
320	14	18	01	2	5	Sc, As	10.7	17	10	64
310	17	16	01	0	4	cu	11.1	17	9	60
		20	00	0	7	CS	10.2	17	9	60
310	14	20	03	0	6	cu, Ac, cs	11.5	17	7	52
270	16	12	02	2	7	cu, cs	10.8	20	8	46
220	2	10	03	2	8	cu, Ac	11.5	17	9	60
290	6	20	02	1	6	Sc, ci	9.7	19	7	46
310	9	10	02	1	6	Ac, As	11.6	19	4	37
00	0	4	03	1	0	—	11.1	19	7	46
270	5	20	03	2	6	cu	10.8	19	7	46
220	5	20	01	1	5	cu, As	11.2	19	1	30
220	1	20	03	1	8	cu	10.6	19	9	52
290	13	16	02	0	7	Sc, cu, ci	10.5	20	1	28
250	14	20	02	2	7	cu, Ac, ci	10.8	21	1	27
330	5	10	03	1	6	cu	11.5	20	5	38
320	10	20	02	2	8	Sc, cu, cc	11.0	19	1	30
310	4	20	01	2	6	ST	11.1	21	7	41
360	3	10	03	1	5	cu, ci	11.4	22	5	33
350	8	15	03	0	2	cu	10.6	23	4	29
290	2	10	02	0	2	As	10.7	23	5	32
290	3	20	00	0	0	—	10.4	24	6	32
290	6	22	02	0	1	ci	9.3	27	-4	13
360	12	16	02	0	0	—	8.5	29	-4	11
320	16	16	02	1	6	Ac, As	13.2	19	3	35
340	8	20	03	2	6	Sc, ci	11.7	20	11	56
280	6	20	03	0	3	ci	14.0	20	4	35
340	11	24	03	0	1	ci	14.2	22	-1	21
00	0	15	02	0	0	—	9.3	27	0	17
20	2	50	03	0	6	cu	9.5	22	9	44
360	18	22	01	0	1	ci	8.3	24	10	41
350	10	20	03	0	2	ci	10.0	24	12	47
70	12	20	03	0	6	Sc	7.9	26	22	79
360	8	20	02	1	6	Ac	9.2	29	-2	13
180	2	24	01	2	5	cs	6.9	31	2	16
50	3	21	03	1	5	Ac, cs	7.1	32	-3	10
340	4	20	02	1	4	Ac	4.9	33	3	15
230	7	20	03	0	3	ci	4.2	34	3	14
10	1	20	02	0	0	—	2.2	35	3	13
360	5	20	02	0	0	—	3.7	35	3	13
310	5	20	02	1	2	Ac	1.3	37	8	17
310	2	20	02	1	4	Ac	1.3	37	7	16
40	4	20	03	0	2	Ac, ci	4.3	33	-7	7
20	7	30	02	0	2	ci	8.2	31	-14	5
10	7	50	03	2	6	ci	5.7	33	-13	5
30	7	20	02	2	7	Cb, cs	3.5	36	5	14
40	3	20	02	2	7	Ac, As	2.0	37	3	12
180	4	20	02	6	7	cu, Ac	3.4	32	19	46

At 1800 on 24 th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
270	10	10	02	2	6	Sc	11.0	15	9	20	0	68	0
320	10	14	02	8	5	Sc	10.3	15	9	18		68	0.2
260	6	12	02	2	5	Sc	10.8	14	10	17		77	0
		4	00	0	3	Ac	10.4	14	8	19		67	0
300	10	12	00	2	6	cu	10.2	16	8	20	+1	59	0
220	2	4	02	2	6	cu	10.6	15	11	18	-1	77	0
290	1	12	02	2	6	cu, Sc, Ac	9.9	16	10	20	+1	34	0
200	2	4	20	5	7	Ac, As	11.1	14	10	20	-1	77	R
00	0		00	0	0	—	10.6	15	9	20	-1	68	0
00	0	20	03	2	8	cu	11.2	14	10	20	-2	77	0
340	12	10	01	1	3	Sc	11.4	13	8	21		72	0
00	0	10	02	0	0	—		16	12	22	+1	77	0
100	3	12	02	2	7	Sc, ci	10.0	13	5	20		59	0
50	3	10	02	2	8	Sc, cu	10.5	17	4	22	+1	42	0
										23	0		
50	5	10	02	2	7	Sc	11.1	16	6	21	-1	52	0
320	1	10	02	2	7	Ac	10.6	17	4	20	-1	42	0
310	4	20	01	0	0	—	10.3	18	9	22	-1	56	0
390	5	8	02	0	3	ci	10.7	16	5	24	+2	49	0
00	0	12	02	1	3	Ac	[illegible]	18	5	24	+2	43	0
300	19	15	01	1	2	NS	12.2	17	5	20	-2	46	0
290	2	10	01	1	0	—	12.1	16	8	21	-2	59	0
320	2	12	02	2	6	ci	14.2	16	4	22		45	0
290	9	5	03	0	2	ci	13.8	17	-8	24	-1	18	0
220	10	6	02	0	0	—	9.6	19	1	28	+2	30	0
320	16	12	02	0	0	—	8.4	19	7	24	+3	46	0
		20	02	0	0	—	9.2	20	13	25	+1	64	0
20	1	20	01	1	1	Sc	8.1	24	21	28		84	0
350	6	20	01	2	3	ci	10.0	21	0	30		25	0
00	0	20	01	2	3	ci	6.7	27	-7	32		10	0
10	1	21	01	2	0	—	7.7	25	-3	33		16	0
340	5	20	01	2	1	ci	5.9	27	4	33		23	0
340	7	20	01	1	3	ci	5.9	28	4	35		22	0
350	2	20	02	0	0	—	4.8	27	9	36		33	0
340	4	20	01	1	3	ci	4.5	25	-1	34		18	0
60	8	20	03	0	6	Ac, ci	6.0	25	-6	33		13	0
20	7	50	01	2	1	ci	6.6	25	-7	34		12	0
20	1	20	01		7	Ac, cs	4.1	29	11	37		33	0
00	0	20	01	2	3	Ac	2.2	31	11	38		29	0

At 0600 on MONDAY 25TH FEBRUARY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	16	18	02	2	6	Sc	11.1	-5.5	13	8	11	+2	72	dr	225	
	303	SÎDI BARRÂNI	260	5	11	81	8	7	Cb	9.9		13	10	10		82	4	213	
	306	MATRÛḤ (A)	260	9	16	01	2	5	cu, Ac	10.5	-6.2	12	10	10		88	0.5	227	
	309	EL ḌAB'AA			10	00	0	6	cu	9.8		12	10	9		88	0	153	
	319	ALEXANDRIA	310	6	20	03	8	7	cu, Sc	9.6	-7.3	13	11	11	-1	88	6	226	168
	318	ALEXANDRIA (A)	270	8	12	80	9	7	Cb	9.3	-7.9	14	10	11	+1	77	10	198	130
	330	DAMIETTA	220	5	5	50	5	7	cu, Sc	8.3	-8.1	12	[illegible]	7	-2		dr	188	89
	333	PORT SA'ID (A)	260	16	12	02	0	5	Cb, Ac	9.1	-7.9	14	10	13	+1	77	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	260	5		01	6	5	ci	10.3	-6.1	13	11	9	0	88	0.4	109	81
	342	MANŞÛRA	00	0		03	1	6	Sc, cu	9.5	-7.0	13	9					58	39
	348	ṬANṬA	270	3	20	03	2	8	cu	10.8	-6.1	13	9	10	+3	77	0	71	31
	360	SHEBÎN EL KÔM	220	2	10	01	1	5	Sc	10.4	-6.7	13	9	11		77	0	53	
	354	ZAGAZIG	220	1	10	03	0	8	Sc	10.2	-6.8	13	9	8	+1	77	0	44	20
	441	ISMA'ÎLÍA																	
CAIRO AREA	366	CAIRO (A)	260	10	12	03	0	5	Sc	10.2		14	9	12		72	0	46	
	372	CAIRO ALMÂZA (A)	190	6	15	03	0	5	Sc, cu	10.5	-7.3	13	9	11	+1	77	0	51	
	374	CAIRO EZBEKÎYA										14	9	11	+2	72	0	40	18
	375	GIZA	200	3	10	03		6	cu, Sc, cs	10.2	-7.0	13	9	8	+1	77	0	46	18
	378	ḤELWÂN	00	0		05	2	8	Ac	11.1	-6.2	12	8	10	0	77		32	19
UPPER EGYPT	381	FAYOÛM	200	4	20	02	1			11.6	-5.3	14	8	9	+1	67	0	13	6
	387	MINYA (A)	260	2	8	02	0	0	—	12.0	-6.9	12	3	7	+1	55	0	2	
	393	AṢYOÛṬ (A)	00	0	12	01	1	2	Ci	12.8	-5.2	13	-2	11	+4	36	0	0	
	399	NAG' ḤAMÂDI	00	0	5	02	0	3	As	13.3	-3.7	15	7	8	+2	59	0	1	
	402	QENA	290	2	10	03	1	2	Ci	12.0	-4.2	15	9	9	0	68	0	dr	
	405	LUXOR (A)	230	6	22	02	0	0	—	12.0	-4.8	16	4	12		45	0	0	
	414	ASWÂN	00	0	13	02	0	0	—	12.4	-4.6	15	4	11	-1	48	0	0	
OASES	417	SÎWA	310	10	15	03	1	5	NS	12.3	-6.3	14	11	13	+7	82	0	22	6
	420	BAHARÎYA	220	4						12.0	-5.6	14	8	9	+2	67	0	2	7
	428	FARAFRA	270	4	15	01	0	2	cc	14.3		12	2	10		51	0	dr	
	432	DAKHLA	320	4	17	03	0	3	ci	15.2	-2.8	11	2	9	+1	41	0	1	
	435	KHARGA	00	0	6	03	0	6	cu	11.6	-5.7	14	6	9	+1	59	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	3	cu	10.4	-6.0	14	8	9	-2	67	0	28	12
	459	ṬÔR																	
	462	HURGHÂDA	300	8	22	02	0	2	Ac, ci	10.0	-6.6	18	4	13	+3	40	0	dr	
	465	QUSEIR	260	3	20	02	0	2	Ac, ci	10.1	-5.3	19	4	14	-1	37	0	dr	4
	641	PORT SÛDÂN	00	0	20	03	2	7	Sc, Ac	8.1		23	21	19		89	0		
NORTH SUDAN	600	WÂDI ḤALFA	90	1	20	01	1	1	ci	14.2		14	1	10		42	0		
	640	ABU ḤAMAD	340	5	40	02	2	8	cs	10.7		20	-5	17		18	0		
	660	KAREIMA	40	2	21	03	2	7	Ac, cs	12.2		18	-3	17		24	0		
	680	'ATBARA	350	8	20	02	2	7	cs	9.3		22	-5	19		16	0		
	721	KHARṬOÛM	360	8	20	02	2	6	Ac, ci	9.3		22	-3	20		19	0		
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	310	2	20	02	1	7	Sc	11.0		23	9	19		41	0		
	802	ROSEIRES	310	2	20	02	1	4	Ac	5.8		23	9	20		41	0		
	771	EL OBEID	350	8	20	03	0	7	Ac, cs	10.2		19	-9	16		15	0		
	760	EL FASHER	270	4	20	02	2	7	cs	13.9		13	-10	2		19	0		
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA	190	3	20	02	2	6	Ac	7.5		27	20	24		66	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2		25-2	
TIME	14		14		14		14		14,15		14		14		16		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	13	320	10	320	5	310	12	320	14	300	6	350	10	350	6	280	12	290	18	290	21
600 m.	300	14	310	17	290	21	290	11	280	16	280	6	310	5	360	3	290	10	300	16	290	28
1000 m.	310	16	320	16	290	17	270	13	310	9	270	7	310	9	360	2	290	13	300	17	290	31
1500 m.	300	16	320	19	270	24	260	19			280	16	310	15	360	2	310	13	290	20	300	24
2100 m.			300	17	280	28	260	23					340	12	340	2			290	22	290	10
2400 m.			280	24			260	24					320	16	00	0			280	21	300	11
3000 m.			300	19			280	28					350	18	00	0			290	19		
4000 m.							290	35							320	4			300	25		
5000 m.							290	37							310	5						
6000 m.							300	39							300	6						

STATION	Dakhla		Kharga		Hurghada				Cairo (A)		Luxor		Siwa				Dakhla		Kharga		Hurghada	
DATE	25-2		25-2		25-2				26-2		26-2		26-2				26-2		26-2		26-2	
TIME	14		14		14				2		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	23	310	11	360	14			260	14	280	11	270	17			310	14	270	1	300	18
600 m.	310	28	310	13	350	12			270	16	310	16	280	15			310	12	330	7	300	40
1000 m.	280	30	320	4	320	16			280	18	310	16	290	18			310	11	330	7	310	35
1500 m.	310	39	310	20	290	24			290	23	290	18	290	17					310	10	300	11
2100 m.			310	16	240	17					280	24							300	15	120	49
2400 m.			310	10	240	10													300	18	300	35
3000 m.					260	25																
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Helwan		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2	
TIME	8		8		8		8		6 15		8		8,30		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	13	310	22	240	21	240	12	170	4	300	10	300	12	320	4	280	12	310	26	310	13
600 m.	300	17	310	37	250	28	270	17	260	16	300	11	300	17	350	7	300	11	310	33	320	10
1000 m.	300	20	310	24	270	30	270	21	270	19	300	17	300	21	340	10	280	12	300	24	350	10
1500 m.					270	31	290	17	270	22	310	20			280	16	300	16	60	8	320	16
2100 m.															300	21	310	16	310	28		
2400 m.															300	28	330	17	310	34		
3000 m.															290	54	330	15	300	28		
4000 m.																	330	20				
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	25-2					25-2					25-2									
TIME	14					14					16									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	20				25	16				111	21								
1000 mb.	88	19		310	12	98	15		300	13										
950 mb.																				
900 mb.																				
850 mb.	1457	7		260	19	1440	3		300	16	1481	6								
800 mb.																				
700 mb.	3016	-6		280	28	2991	-3				3040	-3								
600 mb.																				
500 mb.	5584	-21		300	38	5586	-19				5642	-16								
400 mb.	7188	-34		290	42	7206	-31				7270	-30								
300 mb.	9153	-47		310	55						9248	-45								
200 mb.	11790	-49									11850	-56								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *TUESDAY 26th FEBRUARY, 1957*

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within eight during past hour
19	Funnel cloud (s)	within eight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon today to noon tomorrow:*

Temperature remains slightly below normal. Clouds increasing over Lower Egypt and Cairo, specially near the E. coast where scattered rain is expected. Moderate NW winds, fresh at times in Lower Egypt, moderate N'ly in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 25 U.T. / " " Sunset 16 52 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 25/2												At 1800 on 25/2														
WIND					CLOUD			TEMPERATURES °C				WIND					CLOUD			TEMPERATURES °C		MAXIMUM				
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	Today	Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
330	17	18	01	2	5	Sc, ci	10.3	19	9	52		280	10	12	02	2	7	Sc, ci	10.2	15	9	20	0	68	0
310	10	18	02	R	6	Cu, Sc, Ac	10.0	16	10	68		350	11	16	02	2	5	Sc	10.1	15	9	17		68	0.4
290	15	18	03	2	7	Cu, Sc, Ac	10.4	16	9	64		270	6	14	01	1	4	Sc	10.5	14	10	18		77	0
		20	00	0	7	Ac, As	9.2	17	9	60				4	00	0	0	—	9.4	14	8	18		67	0
310	15	20	01	1	3	Cu, Ac	9.5	17	7	52		310	14	20	01	0	1	Cu	9.9	15	7	18	-2	59	0
280	16	12	01	8	4	Cu	9.1	20	8	46		300	9	12	01	2	3	Sc	9.0	17	7	20	+1	52	dr
320	5	20	01	6	2	Cu	9.1	16	10	64		320	2		00	1	0	—	9.4	14	10	17	-2	77	5
280	8	15	22	5	7	Cb	8.5	18	12	94		290	13	16	01	8	2	Cu, Ac	9.0	15	9	18	-1	68	3
290	9	10	02	6	3	Cu	10.0	18	6	46		200	5	10	01	0	1	Ci	10.3	13	9	19	-2	77	0.5
320	6		50	5	6	NS	8.7	18	8	52		00	0		00	0	0	—	9.3	14	8	20	-1	67	dr
330	9	20	03	2	6	Cu	10.0	18	8	52		310	2	20	02	0	0	—	10.0	11	9	21	-1	88	0
250	9	20	01	1	4	Cu	9.6	19	4	37		290	2	10	01	1	2	Sc	9.9	13	7	20		67	0
180	1	20	03	1	7	Cu	8.8	19	12	64		00	0	10	02	0	0	—	9.6	16	12	21	0	77	0
290	12	10	02	2	6	Cu, Sc	8.8	19	4	37		260	4	10	01	6	2	Sc, Cu	9.8	15	9	20		68	0
250	12	20	02	2	6	Cu, Sc	9.2	21	4	33		250	5	12	01	0	0	—	10.2	14	8	21	0	67	0
[illegible]	12	10	80	8	6	Cu	9.5	18	9	56		00	0	8	01	8	1	Ac	10.6	13	9	21	-2 -1	77	dr
[illegible]	12	20	02	2	6	Cu, Sc	8.8	19	1	30		320	1	4	02	2	4	Ac	10.3	14	8	20	-1	67	0
200	4	20	03	2	6	ST	9.6	20	9	49		200	6	20	01	6	2	ST	10.3	15	12	22	-1	82	3
320	8	9	03	1	8	Cu, Sc	10.0	21	4	33		00	0	7	21	8	2	Sc	9.7	16	8	22	0	59	0.1
320	5	18	03	0	5	Cu	11.0	21	3	31		00	0	10	01	1	2	Ac	11.1	17	4	22	0	42	0
00	0	4	01	0	2	Ac	11.4	22	0	36		00	0	5	01	0	3	Ac	11.8	15	9	23	-1	68	0
290	2	20	02	1	4		10.8	20	8	46															
300	6	22	02	0	3	Ci	9.9	23	2	26		290	2	12	02	0	0	—	11.0	16	4	23	0	45	0
320	8	16	02	0	1	Ci	10.0	23	-1	20		320	12	10	02	0	0	—	11.4	24	2	25	-2	24	0
320	15	16	02	1	5	Cu, Ci	11.6	20	6	41		320	12	14	02	1	6	Sc, Ci	12.0	19	5	21	-1	40	0
290	4	20	03	3	7	Cu	10.3	20	12	60		320	3	10	01	1	0	—	11.5	16	9	22	-1	64	3
260	8	20	03	0	5	Sc, Cu	12.5	20	5	38		320	2	12	00	1	0	—	13.7	14	5	22		55	0
290	12	22	03	0	2	Cu	14.0	21	-3	20		290	10	8	02	0	0	—	13.6	18	5	22	-4	20	0
270	2	10	03	2	6	Cu	10.2	24	6	32		00	0	9	02	2	0	—	10.3	16	4	24	-2	45	0
00	0	50	03	6	6	Cu	9.0	20	6	41		310	2	10	01	0	0	—	9.5	17	7	22	0	52	0
10	16	22	01	2	4	Sc	8.4	21	5	35		280	3	10	02	0	2	Sc, Cu	8.8	16	7	23	+2	56	0
40	12	20	03	1	7	Sc, Cu, Ac	8.9	23	7	36		300	4	20	01	1	0	—	9.9	18	7	24	0	49	0
70	10	20	02	2	7	Sc, Ac, As	5.7	27	21	70		360	1	20	01	2	1	Sc	8.2	29	22	28		66	0
300	12	20	02	0	0	—	10.9	23	2	26		350	11	20	02	0	0	—	12.6	19	2	25		32	0
310	2	40	01	1	1	Ci	7.2	29	-5	11		310	5	30	01	0	0	—	10.0	22	-3	29		19	0
70	10	21	01	1	2	Ci	9.0	29	-7	9		10	5	21	02	0	0	—	10.9	21	-4	29		18	0
350	12	20	02	2	7	Ci	6.7	29	-9	8		320	3	20	01	2	1	Ci	8.9	24	-2	31		18	0
320	10	20	01	2	7	CS	6.2	33	-2	10		340	8	20	01	2	3	Ci	8.9	26	0	34		18	0
310	6	20	02	2	7	Ac, Ci	3.7	33	6	19		00	0	20	01	2	7	Ac, CS	7.8	24	0	34		21	0
	5	20	02	1	4	Ac	5.0	33	-2	10												35			
310	5	20	02	2	4	Sc	7.9	34	8	20												35			
310	5	20	02	1	5	Ac	3.3	35	7	18															
20	7	20	02	2	7	Ac, CS	7.0	32	-5	9		350	4	20	01	2	3	Ac, Ci	8.2	24	-5	33		15	0
20	10	35	01	2	6	CS	5.4	32	-5	9		60	8	20	02	2	7	CS	7.3	26	-5	33		13	0
50	5	50	03	1	4	CS	6.6	31	-10	6		20	7	50	01	1	1	Ci	8.6	24	-8	33		12	0
160	6	20	01	2	7	Ac, As, CS	5.8	32	14	34		80	5	20	02	2	7	Ac, As, CS	7.6	29	11	34		33	dr
110	5	20	02	2	7	Cu, CS	3.6	35	15	30		110	3	20	02	2	7	CS	4.5	30	15	35		40	0
50	2	20	03	2	7	Cu, CS	3.7	31	16	41		320	3	20	03	2	7	Cu, Ac	4.1	29	18	36		52	0

At 0600 on TUESDAY 26TH FEBRUARY 1957																				
WIND					CLOUD		BAR. PRESSURE		TEMPERATURES °C					RAINFALL mms		
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
270	10	20	01	2	3	Sc	12.3	-4.3	14	9	14	+5	72	0	225	
260	8	16	03	2	7	Sc	11.5		14	12	10		88	0.4	213	
240	12	15	02	0	2	Sc	11.8	-4.9	13	8	10		72	0	227	
		10	20	0	2	Ci	10.9		13	9	10		77	0	153	
310	24	20	03	0	6	Cu, Sc	10.6		16	12	14	+2	77	0	226	169
300	16	12	03	1	7	Cu, Sc	10.3	-6.8	16	10	16	+6	68	dr	198	140
220	2		50	6	8	Cu, Sc	10.2	-6.2	12	10	8	-1	88	6	194	90
240	11	15	02	0	7	Ac, As	9.2	-7.7	13	11	12	0	88	4		
260	9	4	03	0	3	Cu	10.8	-5.6	14	12	9	0	88	0.5	109	82
220	3		03	1	6	Sc, Cu	10.0	-6.5	13	9	8	0	77	dr	58	40
220	8	20	01	1	2	Sc, Cu	11.8	-5.0	12	10	9	+2	88	0	71	32
250	5	10	01	1	2	Cu	11.6	-5.5	13	5	9		59	0	53	
220	2	10	03	1	7	Cu	11.3	-5.7	12	8	8	+1	77	0	44	21
250	10	14	03	1	6	As, Ac	11.8		14	8	11		67	0	46	
200	9	8	03	0	3	Ac, Cc	12.0	-5.8	14	7	11	+1	63	0	51	
									15	8	12	+3	63	dr	40	18
00	0	8	03		2	Sc, Ac	12.2	-5.0	15	9	9	+2	68	dr	46	18
00	0	4	02	1	3	Ci	12.7	-4.6	12	10	11	+1	88	0	32	19
200	4	20	01	1	1	Cu, Sc	13.3	-3.6	14	8	10	+2	67	3	16	6
170	3	8	02	0	0	—	12.8	-6.0	11	5	5	-1	67	0.1	2	
260	3	12	02	0	0	—	14.2	-3.7	14	0	10	+3	39	0	dr	
00	0		02	0	5	Ci	15.2	-1.7	15	7	9	+3	59	0	1	
290	2	10	00	0	0	—	14.3	-1.8	14	8	7	-2	67	0	dr	
190	4	22	02	0	0	—	13.8	-2.9	15	3	9		45	0	0	
00	0	14	02	0	0	—	14.6	-2.3	16	5	10	-2	49	0	0	
290	6	16	01	1	0	—	13.4	-5.2	14	8	13	+7	67	0	22	6
320	3	20	02	0	0	—	13.6	-4.0	14	8	10	+3	67	3	5	7
00	0	15	02	0	0	—	15.8		14	6	7		59	0	dr	
00	0	14	02	0	0	—	16.6	-1.7	10	-4	8	0	38	0	1	
00	0	12	02	0	0	—	13.6	-3.6	15	6	8	-1	55	0	3	
00	0	20	00	0	7	Cu	11.4	-5.0	16	8	10	-1	59	0	22	12
290	13	22	02	0	2	Sc, Cu	11.5	-4.0	18	5	11	+1	43	0	dr	
250	5	20	03	0	1	Ci	12.7	-2.6	19	4	15	0	37	0	0	4
340	7	20	02	0	1	Sc	12.8		23	17	19		69	0		
350	7	20	02	0	0	—	16.7		14	-1	9		36	0		
340	5	30	02	0	0	—	14.5		17	1	12		34	0		
40	7	21	02	0	0	—	14.7		19	0	13		28	0		
350	10	20	02	0	1	Ci	14.2		19	0	15		28	0		
350	12	20	02	1	7	Ac, CS	13.9		18	1	15		32	0		
360	1	20	02	2	7	CS	12.2		20	2	15		30	0		
360	13	50	02	2	7	Ac	13.0		20	-3	15		21	0		
310	5	20	02	1	8	Ac, As	13.5		21		8		19	0		
30	16	20	02	2	8		10.9		24	1	23		22	0		
30	11	20	02	2	7	Ac, CS	13.2		18	-5	14		20	0		
160	1	24	01	2	6	Ci	14.6		13	-3	11		34	0		
50	9	50	03	2	7	Ci	14.8		17	-11	14		14	0		
00	0	20	02	2	7	Ac	8.1		25	17	23		61	0		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ẦTBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2		26-2	
TIME	14		14		14		14		14		14		14		14		13		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	8	330	10	320	11	310	12	290	22	340	11	330	14	330	14	300	6	310	10	300	12
600 m.	240	7	320	10	310	14	310	18	290	28	330	16	330	19	320	12	300	8	300	10	290	12
1000 m.	190	10	280	12	310	15	320	21	290	22	330	18	320	21	300	12	320	8	310	9	300	11
1500 m.	170	12			330	11			290	19	310	22	320	19	290	9	350	8	310	13	290	6
2100 m.					340	13					300	18			300	21			310	11	300	11
2400 m.					330	16					290	19			300	17			300	8	300	11
3000 m.					320	23					310	26			290	23			310	9	290	10
4000 m.					310	34									310	35			330	32		
5000 m.					320	20									310	68						
6000 m.					310	60									300	83						

STATION	Dakhla		Kharga		Hurghada				Cairo (A)		Luxor				Farafra		Dakhla		Kharga		Hurghada	
DATE	26-2		26-2		26-2				27-2		27-2				27-2		27-2		27-2		27-2	
TIME	14		14		14				2		2				8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	11	350	6	350	14					270	2			120	5	120	7	100	4	320	9
600 m.	330	18	340	7	300	11			280	4	350	10			210	4	120	7	30	6	320	9
1000 m.	330	21	340	7	280	21			300	6	20	8			210	4	60	4	20	5	340	12
1500 m.	360	12	320	11	260	23			320	10	350	14			330	17					330	14
2100 m.	330	20	320	17	280	22					350	15			280	4					340	6
2400 m.			330	17	300	40					360	15			190	4					320	9
3000 m.															280	4					340	10
4000 m.															310	9					300	16
5000 m.															280	11						
6000 m.																						

STATION	Sallum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya	
DATE	27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2	
TIME	8		8		8		8		8		8		8		8		8, 15		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	10	100	5	330	7	220	10	220	10	200	5	170	7	140	3	90	2			150	3
600 m.	90	1	210	4	50	15	260	6	220	5	280	12	210	3	150	3	40	9	270	3	130	5
1000 m.	240	10	230	11	60	7	250	18	260	13	290	13	350	5	320	4	20	12	270	5	150	9
1500 m.	230	11			40	9			290	19	10	16	230	6	340	8	350	13	290	13	180	9
2100 m.									280	23	270	12	220	4			40	9	250	11	260	7
2400 m.											330	4	260	8			80	4	250	9	280	10
3000 m.													280	24					280	9	260	12
4000 m.													300	13							270	16
5000 m.																					300	23
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	26-2					26-2					26-2									
TIME	14					14					14									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	20				25	17				111	25								
1000 mb	113	20		330	15	123	17		330	11										
950 mb.																				
900 mb.																				
850 mb	1484	8				1485	10		330	11	1518	10								
800 mb																				
700 mb	3065	-1				3075	1		310	26	3110	4								
600 mb.																				
500 mb.	5686	-16				5707	-16		310	31	5764	-13								
400 mb	7324	-29				7348	-29				7424	-27								
300 mb.	9306	-46				9339	-44				9428	-42								
200 mb.	11840	-55				11960	-57				12080	-57								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 27th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail. " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Warm weather in the whole Republic. Moderate winds W/SW'ly in Lower Egypt and Cairo. Small amounts of clouds increasing at times near coast. In Upper Egypt: Light NW'ly winds and clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ..04..34.. U.T. / " " Sunset ..15..52.. U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26th											At 1800 on 26th														
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C						
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
300	12	18	02	2	6	Sc	12.5	18	12	68	00	0	12	02	0	4	Sc	13.0	17	12	21	+1	72	0
350	9	18	01	2	5	Sc	12.5	18	12	68	00	0	12	01	0	1	Sc	12.6	14	12	18		88	0
320	13	16	02	2	5	Cu,Ac	12.6	17	13	77	330	3	10	01	1	1	Sc,Cu	13.5	13	12	19		94	0
		20			4	Ac	12.1	18	13	73				00	0	0	—	13.4	14	10	19		77	0
310	16	20	01	1	2	Cu	12.2	17	11	68	310	5	20	01	0	0	—	13.9	15	11	19	-1	77	0
320	15	12	02	8	5	Cu	11.9	19	12	64	320	8	12	02	2	5	Cu	13.3	15	10	19	0	72	dr
320	9	20	01	6	4	Cu	11.1	17	9	60	320	2		00	1	0	—	13.3	14	10	17	-2	77	1
320	17	20	01	8	2	Cu	11.5	18	11	64	280	13	18	02	0	1	Cu	13.0	15	11	19	0	77	2
310	9	10	02	1	4	Cu	11.5	19	9	52	200	2	10	01	1	1	Ci	13.4	13	9	19	-2	77	0
340	5		02	1	5	Cu	11.4	20	8	46	340	3		00	1	0	—	13.3	15	9	21	0	68	0
310	13	20	01	1	4	Cu	11.9	20	8	46	00	0	20	02	0	0	—	13.2	11	9	21	-1	88	0
250	5	20	01	1	2	Cu	11.6	19	9	57	350	2	10	01	1	2	Cu	13.3	14	5	21		55	0
220	1	20	03	1	7	Cu	11.8	18	14	78	00	0	10	02	0	0	—	12.9	16	10	21	-1	68	0
340	9	14	02	2	6	Cu	11.7	19	10	56	330	3	12	02	2	0	—	13.7	15	10	20		72	0
280	15	25	02	2	6	Cu,Sc	11.8	21	8	44	270	3	15	04	0	0	—	13.5	16	9	21	0	64	0
																					23	0		
340	12	10	03	1	7	Cu	12.2	17	10	59	100	4	10	12	1	1	Sc	13.7	15	10	21	-1	72	0
290	15	20	02	2	7	Cu,Sc	12.7	20	6	41	340	3	10	02	1	2	Cu	13.8	16	8	20	-1	59	0
330	6	20	03	1	4	Cu,Sc	12.4	21	6	38	330	4	20	01	0	0	—	13.5	16	10	23	0	68	0
340	11	10	03	0	1	Ac	11.9	23	3	27	00	0	7	01	0	0	—	13.9	15	6	24	+1	55	0
320	5	20	02	0	1	Cu	12.7	22	4	31	00	0	8	02	0	0	—	14.1	18	5	23	0	43	0
00	0		00	0	0	—	13.4	23	8	38	00	0		01	0	3	Ac	15.1	15	9	24	0	68	0
290	5	20	00	0	0	—	12.7	22	9	44	270	1		00	0	0	—	13.6	15	9	22	-5	48	0
270	13	22	02	0	0	—	12.[illegible]	[illegible]	[illegible]	[illegible]	300	4	12	02	0	0	—	13.7	17	5	24		46	0
360	12	16	02	0	0	—	[illegible]	23	[illegible]	37	330	12	12	02	0	0	—	13.9	22	3	28	+1	29	0
350	8	16	02	1	3	Cu	12.1	22	10	47	270	6	14	01	1	0	—	13.3	16	8	22	-1	59	0
320	6	20	03	0	3	Sc	12.0	23	10	44	320	2	10	02	0	0	—	13.8	18	9	24	+1	56	0
290	5	20	01	2	2	Sc	14.4	24	8	36	290	2	12	00	1	0	—	15.1	17	4	20		42	0
290	4	20	03	0	1	Cu	15.1	22	[illegible]	21	00	0	9	02	0	0	—	15.5	19	1	24	-2	30	0
340	4	18	02	0	0	—	12.2	24	—	28	360	1	8	02	0	0	—	13.3	16	7	25	-1	56	0
310	2	50	02	0	7	Cu	10.6	22	3	29	330	2	10	01	0	0	—	13.1	17	7	23	+1	52	0
90	17	22	02	0	1	Cu	10.2	22	6	36	300	8	10	02	0	0	—	11.9	16	6	23	+2	52	0
30	10	20	02	0	0	—	11.2	22	8	41		2	20	02	0	0	—	12.7	19	9	25	+1	52	0
60	12	20	02	0	2	Sc	10.3	20	17	58	340	1	20	01	0	1	Sc		23	17	27		69	0
350	10	20	02	0	0	—	13.3	24	5	30	260	7	20	02	0	0	—	13.9	20	6	25		41	0
360	5	30	03	0	2	Ci	9.9	27	-2	15	260	2	24	01	0	0	—	12.1	22	1	27		25	0
20	5	21	03	1	5	Cs	11.5	27	0	17											28			0
340	6	20	02	1	3	Ci	9.3	28	-3	13											29			
360	12	20	03	1	7	Ac,Cs	8.7	29	3	19	350	6	20	01	2	4	Ci	10.2	24	3	31		26	0
360	6	20	01	2	7	Ac,Cs	7.1	31	-1	12	330	2	20	01	2	0	—	10.3	23	4	33		29	0
360	13	20	02	2	8	Cs	8.2	31	-3	11											32			
50	5	20	02	2	6	Sc	8.5	33	-7	7														
310	9	20	02	5	7	Sc	7.3	30	-1	13											31			
20	9	20	02	0	5	Ac,Ci	7.5	29	-5	11	50	6	20	01	2	3	Ci	9.6	22	-3	30		19	0
90	7	30	02	2	7	Cs	6.7	31	-5	9											33			
50	5	50	01	2	1	Cs	7.3	31	-14	5	350	5	20	04	2	7	Cs	8.3	25	-3	34		16	0
50	13	20	02	6	7	Ac,As	7.1	31	5	19	50	5	20	02	6	7	Ac,As	8.0	27	-3	33		14	dr
90	4	20	02	2	7	Cu,Ac,Cs	3.4	35	13	27	90	4	20	02	2	7	Ac,Cs	4.3	31	16	37		41	0
90	3	20	02	2	7	Cu,Ac,As	2.7	35	15	30											36			0

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÀZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAǦ ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	428	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA

At 0600 on WEDNESDAY 27th FEBRUARY 1957																		
WIND					CLOUD		BAR. PRESSURE		TEMPERATURES °C						RAINFALL mms.			
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
270	8	18	02	0	0	—	13.3	-3.3	14	10	12	+3	77	0	225	
100	3	16	01	2	2	Cu	14.1		12	8	9		77	0	213	
190	6	16	03	0	1	Ci	14.7	-2.0	13	11	8		88	0	227	
		10	00	0	0	—	15.1		12	8	8		77	0	153	
220	2	20	03	0	2	Cu	16.0	-0.8	16	12	13	+1	77	0	226	170
210	5	12	01	2	4	Sc	15.5	-1.6	16	13	10	0	82	dr	198	131
200	2		00	0	0	—	15.9	-0.4	14	13	6	-3	94	1	195	91
210	10	7	02	0	0	—	15.6	-1.2	14	11	11	-1	82	2		
200	2		00	4	0	—	15.8	-0.6	12	12	8	-1	97	0	109	83
360	3		01	1	5	Sc	15.9	-0.5	8	8	7		97	0	58	40
00	0	20	02	0	0	—	16.8	0.0	12	10	7	0	88	0	71	32
290	2	10	00	0	0	—	16.3	-0.8	13	9	9		77	0	53	
40	2	3	10	1	0	—	15.9	-1.0	13	9	8	+1	77	0	44	21
170	3	12	02	0	1	Ci	16.4		15	10	10	0	72	0	46	
00	0	15	02	0	0	—	16.2	-1.5	15	10	10	0	72	0	51	
									15	9	10	+1	68	0	40	18
00	0	7	42	—	9	—	17.0	-0.1	14	10	7	0	77	0	46	18
00	0	10	02	0	0	—	16.4	-0.8	13	9	10	0	77	0	32	19
360	4	20	02	0	0	—	17.4	+0.4	14	9	8	0	72	0	16	6
280	1	8	02	0	0		16.0	-2.8	11	6	6	0	71	0	2	
110	3	14	02	0	0	—	17.3	-0.5	14	3	10	+3	48	0	dr	
00	0		02	0	5	Ac	16.4	-0.4	14	5	8	+1	55	0	1	
00	0	10	00	0	0	—	17.2	+1.1	14	8	6	-3	67	0	dr	
00	0	22	02	0	0	—	16.6	0.0	14	5	8		55	0	0	
00	0	14	02	0	0	—	16.4	-0.4	15	6	11	-1	55	0	8	
00	0	14	02	1	0	—	15.1	-3.4	10	6	8	+2	76	0	22	6
00	0	20	02	0	0	—	16.2	-1.3	13	6	7	0	63	0	5	7
00	0	20	02	0	0	—	17.5		10	4	6		67	0	dr	
100	2	18	02	0	0	—	17.9	+0.1	10	-4	9	+1	38	0	1	
00	0	12	02	0	0	—	15.9	-1.2	13	5	7	-2	59	0	3	
00	0	20	00	0	0	—	16.4	+0.1	12	8	6	-5	77	0	28	12
																11
290	12	20	02	0	1	Cu	15.4	-1.1	17	8	10	0	56	0	dr	
230	8	20	03	0	1	Ci	15.9	-0.3	19	7	14	-1	46	0	dr	4
340	3	20	03	0	2	Sc,Ac	14.3		23	15	17		61	0		
00	0	20	03	0	1	Ci	16.6		13	4	10		55	0		
360	5	24	03	0	4	Ci	14.7		18	3	14		37	0		
60	4	21	03	1	5	Cs	14.7		17	2	15		37	0		
360	7	20	03	0	7	Cs	13.5		18	1	13		32	0		
360	12	20	03	2	7	As,Cs	13.1		18	1	15		32	0		
00	0	20	02	2	7	As,Cs	12.2		18	5			42	0		
50	9	20	02	2	7	Cs	13.0		19	0	13		28	0		
50	5	20	02	2	7	Ac	12.9		24	5	19		30	7		
40	12	20	02	2	7	Ac,Cs	12.0		19	0	16		28	0		
00	0	24	02	2	8	Cs	15.1		14	0	12		39	0		
50	11	50	03	2	7	Cs	13.2		18	-3	16		34	0		
20	13	20	02	2	7	As,As	9.6		25	-2	21		17	dr		
00	0	20	02	2	7	As,As	9.7		25	7	23		32	0		
00	0	20	03	1	6	As,As	10.0		25	17	24		61	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		P.Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2		27-2	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	5	50	5	100	8	320	3	280	3	150	4	20	5	350	4	220	3	240	10	100	6
600 m.	70	4	240	6	140	9	340	7	240	9	170	4	40	4	360	3	270	4	240	9	300	8
1000 m.	60	3	220	9	150	11	260	11	240	12	190	7	190	8	30	3	270	5	250	9	280	8
1500 m.	180	1			230	12	240	17	250	19	190	13	190	7	350	10	290	10	240	14	280	8
2100 m.					270	14	260	22			220	10			40	6	260	12	190	12	240	15
2400 m.					280	13	260	21			240	8			50	9	260	14	210	9	250	15
3000 m.					260	12	280	19			300	15			360	4	240	16	250	16	220	8
4000 m.					270	18					300	21					220	11			280	8
5000 m.					270	21					300	25					240	11			280	12
6000 m.					270	25																

STATION	Dakhla		Kharga		Hurghada				Alex.(A)		Cairo(A)		Siwa		Hurghada				Kharga		Hurghada	
DATE	27-2		27-2		27-2				28-2		28-2		28-2		28-2				28-2		28-2	
TIME	14		14		14				2		5		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	3	220	2	340	10			120	26	260	15	250	4	60	2			180	2	140	3
600 m.	70	4	180	3	320	12			160	16	250	14	190	4	90	3			140	7	140	5
1000 m.	20	6	160	3	190	4			210	10	250	15	230	9	120	3			90	1	110	6
1500 m.	30	3	90	2	320	14			220	17			270	20	90	1			320	2	60	5
2100 m.			20	3	230	10			250	19			250	21							310	8
2400 m.			320	5	320	9			260	27			240	16							310	5
3000 m.			350	5	270	5			250	21			260	19							310	6
4000 m.			290	8					240	30			280	19								
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra	
DATE	28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	4	280	5	40	7	250	10	120	20	200	20	190	10	110	8	300	4	210	5	200	10
600 m.	30	3	210	3	50	12	250	17	160	16	190	22	170	7	200	3	250	6	190	7	210	20
1000 m.	270	8	210	3	60	10	240	15	180	14	220	12	190	7	210	4	240	10	190	20	200	19
1500 m.	250	10	240	2	80	14			210	10	220	13	330	4			320	12	200	22	220	10
2100 m.									230	18			230	10			310	13	220	24	300	20
2400 m.									230	16			230	13			310	10	240	22	280	20
3000 m.									230	24			230	23					240	26	260	16
4000 m.									260	21									280	31	240	12
5000 m.									260	18											300	20
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh															
DATE						27-2															
TIME						15															
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	19													
1000 mb.						124	18		100	8										
950 mb.																				
900 mb.																				
850 mb.						1495	7		230	12										
800 mb.																				
700 mb.						3089	3		260	12										
600 mb.																				
500 mb						5716	-17		280	23										
400 mb.						7343	-32		260	40										
300 mb.						9323	-46		260	40										
200 mb.						11910	-59													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 28th FEBRUARY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of
12 Continuous
(11–12: shallow fog less than 2 m. on land or 10 m. on sea)
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 „ reaching ground but distant 5 kms.
16 „ „ „ near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain („ „)
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 „ of snow, or of rain and snow
27 „ „ hail, „ „ „ „ hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy „ „
(36–37: low)
38 Slight or moderate „ „
39 Heavy „ „
(38–39: high)
40 Fog at a distance, not during last hour
41 „ in patches
42 „ , sky discernible
43 „ , „ not „
(42–43: has become thinner during preceding hour)
44 „ , „ discernible
45 „ , „ not „
(44–45: no change during preceding hour)
46 „ , „ discernible
47 „ , „ not „
(46–47: has begun or become thicker during last hour)
48 „ , depositing rime, sky discernible
49 „ , „ „ „ not „

50 Drizzle, not freezing, intermittent
51 „ „ „ continuous
(50–51: slight)
52 „ „ „ intermittent
53 „ „ „ continuous
(52–53: moderate)
54 „ „ „ intermittent
55 „ „ „ continuous
(54–55: thick)
56 „ , freezing, slight
57 „ „ , moderate or thick
58 „ and rain, slight
59 „ „ „ , moderate or heavy
60 Rain, not freezing intermittent
61 „ „ „ continuous
(60–61: slight)
62 „ „ „ intermittent
63 „ „ „ continuous
(62–63: moderate)
64 „ „ „ intermittent
65 „ „ „ continuous
(64–65: heavy)
66 Rain, freezing, slight
67 „ „ moderate or heavy
68 „ or drizzle and snow, slight
69 „ „ „ „ moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous „ „ „
(70–71: slight)
72 Intermittent „ „ „
73 Continuous „ „ „
(72–73: moderate)
74 Intermittent „ „ „
75 Continuous „ „ „
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 „ „ moderate or heavy
82 „ „ violent
83 Shower (s) of rain and snow, slight
84 „ „ „ moderate or heavy
85 Snow shower (s), slight
86 „ „ moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed
88 — slight / moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder
90 — slight / moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 „ „ „ with „
97 „ heavy without hail
98 „ with duststorm or sandstorm
99 „ heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:
Warm weather continues in the whole Republic. Winds are generally W'ly moderate and sky is clear. Temperature will stop rising by tomorrow!

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 23 U.T. / " " Sunset 15 53 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 27/2 — At 1800 on 27/2 — At 0600 on THURSDAY 28TH FEBRUARY 1957

Area	Index Number	Station	1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km. (or m.)	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar. Pressure M.S.L. mb	1200 Temperatures °C Dry Bulb	1200 Temperatures °C Dew Point	1200 Relative Humidity %	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km. (or m.)	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar. Pressure M.S.L. mb	1800 Temperatures °C Dry Bulb	1800 Temperatures °C Dew Point	1800 Maximum Today	1800 Maximum Diff. from normal	1800 Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	360	9	18	02	0	0	—	13.2	21	12	57	300	12	10	03	0	6	Cu, AS	13.0	19	13	22	+2	68	0
	303	SIDI BARRÂNI	60	8	18	02	0	0	—	12.7	19	13	68	80	9	16	02	0	3	Sc	12.6	16	14	19		88	0
	306	MATRÛḤ (A)	50	13	18	02	0	1	Cu	13.9	18	13	73	90	8	16	02	0	0	—	13.6	16	12	21		77	0
	309	EL DAB'AA			20	00	0	2	AS	13.9	19	12	64			4	00	0	0	—	14.2	15	13	23		88	0
	319	ALEXANDRIA	40	8	20	01	0	1	Cu	15.0	18	13	73	40	10	20	01	0	0	—	14.8	16	12	20	0	77	0
	318	ALEXANDRIA (A)	20	9	16	01	0	1	Cu	14.6	21	14	65	50	7	14	02	0	0	—	14.5	15	13	22	+3	88	0
	330	DAMIETTA	320	2	20	03	0	4	Cu	15.1	20	11	56	320	2		00	0	0	—	15.9	15	11	20	+1	77	0
	333	PORT SA'ID (A)	360	1	20	01	0	0	—	14.9	18	12	68	40	4	18	02	0	0	—	15.2	16	12	20	+1	77	0
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHÛR	270	2	10	03	0	4	Cu	14.8	22	11	50	40	2	10	01	0	0	—	14.8	14	12	24	+3	88	0
	342	MANŞÛRA	340	3	4	02	1	5	Cu	13.8	22	11	50	20	3		00	1	0	—	14.4	16	10	23	+2	68	0
	348	ṬANṬA	220	2	20	01	1	4	Cu	14.2	23	12	50	90	6	20	02	0	0	—	15.4	15	12	24	+2	82	0
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	Cu	14.4	23	8	38	340	2	10	01	1	1	Sc	15.4	16	8	24	[illegible]	59	0
	354	ZAGAZIG	270	1	20	03	1	4	Ac	14.6	23	15	61	360	1	10	02	0	0	—	14.9	19	16	24	+2	83	0
	441	ISMA'ILIA																									
CAIRO AREA	366	CAIRO (A)	330	7	12	02	0	1	Cu	14.4	22	9	44	40	4	10	02	0	0	—	14.5	15	11	24		77	0
	372	CAIRO ALMÂZA (A)	270	8	25	02	0	0	—	14.1	24	9	38	80	5	15	01	0	0	—	14.6	19	10	26	+4	56	0
	374	CAIRO EZBEKÎYA																						27	+4		
	375	GIZA	120	6	12	01	1	1	Cu	15.0	23	10	44	00	0	10	01	1	0	—	15.4	15	11	25	+3	77	0
	378	ḤELWÂN	00	0	10	02	0	0	—	14.4	21	10	50	00	0	4	02	0	0	—	14.6	18	8	23	+2	52	0
UPPER EGYPT	381	FAYOÛM	160	4	20	02	0	0	—	14.4	23	9	41	360	4	20	02	0	0	—	14.4	17	11	26	+3	68	0
	387	MINYA (A)	260	4	10	02	0	0	—	13.7	25	8	34	140	1	7	02	0	0	—	14.6	18	7	26	+3	49	0
	393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	14.7	24	8	36	00	0	10	02	0	0	—	14.7	21	7	26	+3	41	0
	399	NAG' ḤAMÂDI	00	0	4	01	0	3	Ac	13.1	25	-2	17	00	0	5	01	0	3	Ac	14.8	18	10	27	+3	60	0
	402	QENA	320	1	20	00	0	0	—	14.4	25	11	42	270	1		00	0	0	—	14.4	17	11	26	-1	68	0
	405	LUXOR (A)	340	7	20	02	0	0	—	13.6	25	7	32	00	0	12	02	0	0	—	13.7	18	8	26		52	0
	414	ASWÂN	360	8	20	02	0	0	—	12.8	26	4	25	00	0	12	02	0	0	—	12.9	22	5	28	+1	33	0
OASES	417	SÎWA	270	6	16	02	0	0	—	13.7	24	7	34	00	0	14	02	0	0	—	12.3	18	7	25	+2	49	0
	420	BAḤARÎYA	220	5	20	02	0	0	—	13.4	26	8	32	240	2	10	02	0	0	—	14.3	18	5	27	+4	43	0
	423	FARAFRA	280	1	20	02	0	0	—	15.0	27	11	37	00	0	12	02	0	0	—	15.1	21	4	28		33	0
	432	DAKHLA	00	0	23	02	0	0	—	15.2	25	2	23	320	4	8	02	0	0	—	15.4	22	-5	27	+1	16	0
	435	KHARGA	150	3	15	02	0	0	—	13.0	27	6	27	00	0	8	02	0	0	—	13.1	17	7	28	+2	52	0
RED SEA	450	SUEZ	240	1	50	03	0	2	Cu	14.3	20	11	56	00	0	10	01	0	0	—	13.3	18	13	23	+1	73	0
	459	TÔR																									
	462	HURGHÂDA	40	10	22	02	0	0	—	14.4	22	9	44	190	1	10	02	0	0	—	14.8	17	12	23	+2	72	0
	465	QUSEIR	30	9	20	02	0	0	—	15.2	22	11	50		1	20	02	0	0	—	15.4	19	12	23	-1	64	0
	641	PORT SÛDÂN	40	8	20	02	0	2	Sc, Ci	12.2	26	16	55	340	1	20	01	0	0	—	15.3	23	15	27		61	0
NORTH SUDAN	600	WÂDI ḤALFA	60	5	20	02	0	1	Ci	12.8	25	4	26	10	7	20	02	0	1	Ci	12.8	21	5	27		35	0
	640	ABU ḤAMAD	00	0	24	01	1	1	Ci	10.4	28	2	19	00	0	24	02	0	1	Ci	10.7	24	1	29		22	0
	660	KAREIMA	20	3	21	02	0	4	Ci	10.8	28	2	19	10	2	21	01	2	2	Ci	12.7	23	2	28		26	0
	680	ATBARA	350	4	20	02	2	7	Cs	8.9	29	-3	12	340	1	20	01	2	3	Ci	9.9	24	2	30		24	0
	721	KHARTOÛM	20	6	20	01	2	6	Ac, Cs	8.8	30	3	18	350	6	20	01	2	2	Ci	9.9	25	3	31		24	0
	730	KASSALA	350	21	20	01	2	6	Ac, Ci	6.1	33	4	16	10	2	20	01	2	4	Ac, Ci	9.8	22	5	35		33	0
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	2	6	Cs	7.7	31	0	11														
	801	RENK	270	9	20	02	1	4	Sc	7.9	34	1	12											36			
	802	ROSEIRES	310	5	20	02	2	8	Sc	5.0	32	4	17											34			
	771	EL OBEID	70	9	20	02	2	7	Cs	7.4	31	1	15	30	5	20	01	2	2	Ci	9.4	23	2	32		26	0
	760	EL FASHER	340	6	30	02	2	8	Cs	7.4	31	2	16											32			
	770	GENEINA	190	1	50	02	2	7	Ci	7.8	31	-4	10	20	3	50	01	2	4	Ci	8.5	26	-2	33		16	0
S. SÛDÂN	840	MALAKÂL	30	4	20	50		7	Ac, As	6.8	31	3	17	160	3	20	01	6	7	Ac, Cs	7.7	28	7	34		27	dr
	880	WÂU	110	4	20	01	2	4	Ac, Ci	5.3	35	9	20	180	5	20	01	2	3	Ci	6.5	30	15	36		40	0
	941	JUBA	210	13	20	02	1	5	Cu, Ac, Ci	2.6	37	11	20														

Area	Index Number	Station	0600 Wind Direction Deg.	0600 Wind Velocity in Knots	0600 Visibility in Km. (or m.)	0600 Present Weather ww	0600 Past Weather W	0600 Cloud Amount 0-8	0600 Cloud Forms	0600 Bar. Pressure M.S.L. mb	0600 Bar. Pressure Diff. from normal mb	0600 Temperatures °C Dry Bulb	0600 Temperatures °C Dew Point	0600 Minimum Today	0600 Minimum Diff. from normal	0600 Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal to date
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	2	7	Sc	12.1	-4.5	17	12	16	+6	72	0	225	
	303	SIDI BARRÂNI	230	5	16	02	2	5	Sc, Ac	11.9		12	9	9		82	0	213	
	306	MATRÛḤ (A)	230	6	15	01	0	0	—	12.5	-4.2	15	9	9		72	0	227	
	309	EL DAB'AA			10	00	0	0	—	11.9		13	9	8		77	0	153	
	319	ALEXANDRIA	130	6	10	03	4	2	Ci	13.8	-2.9	13	9	12	0	77	0	226	170
	318	ALEXANDRIA (A)	120	7	16	00	0	3	Ci	13.6	-3.4	14	11	12	+2	82	0	198	132
	330	DAMIETTA	140	2	4	03	1	1	Cu	15.0	-1.3	17	13	8	-1	77	0	195	42
	333	PORT SA'ID (A)	120	10	12	01	0	1	Sc	14.8	-2.0	17	10	13	+1	64	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	130	2	10	00	0	1	Ci	14.2	-2.2	14	10	9	0	77	0	109	84
	342	MANŞÛRA	40	3		01	1	3	Sc	14.6	-1.8	12	8	8	0	77	0	58	40
	348	ṬANṬA	130	4	20	01	1	2	Cu	15.0	-1.8	12	8	10	+3	77	0	71	32
	360	SHEBÎN EL KÔM	40	2	10	00	0	1	Ac	15.2	-1.8	13	9	11		77	0	53	
	354	ZAGAZIG	140	2	10	01	1	2	Ci	14.8	-2.1	14	10	10		77	0	44	21
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	280	3	15	02	0	3	Ci	14.2		18	9	12		56	0	46	
	372	CAIRO ALMÂZA (A)	160	10	12	03	0	4	Ci	14.0	-3.6	17	6	12	+2	49	0	51	
	374	CAIRO EZBEKÎYA										16	9	12	+3	64	0	40	18
	375	GIZA	00	0	10	01		2	Ci	15.0	-2.1	16	9	8	+1	32	0	46	18
	378	ḤELWÂN	00	0	10	02	1	4	Ci	14.6	-2.6	16	8	13	+3	59	0	32	19
UPPER EGYPT	381	FAYOÛM	200	4	20	02	1	4	Cs	15.4	-1.4	16	7	10	+2	56	0	16	6
	387	MINYA (A)	150	5	8	02	0	0	—	15.1	-3.6	15	6	8	+2	55	0	2	
	393	AṢYOÛṬ (A)	90	2	12	02	0	0	—	15.7	-2.0	14	3	12	+5	48	0	dr	
	399	NAG' ḤAMÂDI	00	0		02	0	5	Ac	16.4	-0.4	15	7	8	+1	59	0	1	
	402	QENA	00	0	10	00	0	0	—	15.6	-0.4	18	8	8	-1	52	0	dr	
	405	LUXOR (A)	00	0	12	02	0	0	—	15.8	-0.8	14	3	9		48	0	0	
	414	ASWÂN	00	0	14	02	0	0	—	15.2	1.5	16	9	11	-1	64	0	8	
OASES	417	SÎWA	00	0	16	03	0	2	Ci	13.1	-5.4	11	4	8	+2	63	0	22	6
	420	BAḤARÎYA	00	0	20	03	0	1	Ci	14.1	-3.4	15	6	8	+1	55	0	5	7
	423	FARAFRA	00	0	20	02	0	0	—	15.4		12	2	8		51	0	dr	
	432	DAKHLA	00	0	19	02	0	0	—	16.4	-1.3	11	-2	10	+2	41	0	1	
	435	KHARGA	00	0	12	02	0	0	—	14.0	-3.1	14	4	6	-3	52	0	3	
RED SEA	450	SUEZ	160	2	20	02	0	5	Cu	15.1	-1.2	17	11	8		68	0	22	12
	459	TÔR																	
	462	HURGHÂDA	00	0	22	02	0	0	—	15.5	-0.9	16	4	9	-1	45	0	dr	
	465	QUSEIR	270	4	20	02	0	0	—	15.6	+0.4	20	8	14	-1	46	0	dr	4
	641	PORT SÛDÂN	330	7	20	01	2	4	Sc	14.4		23	17	20		69	0		
NORTH SUDAN	600	WÂDI ḤALFA	360	3	20	03	0	0	—	14.6		15	2	11		42	0		
	640	ABU ḤAMAD	360	5	24	02	0	1	Ci	12.5		20	4	15		35	0		
	660	KAREIMA	20	1	21	02	0	2	Ci	13.1		18	1	14		32	0		
	680	ATBARA	50	5	20	02	2	3	Cs	11.5		19	1	15		30	0		
	721	KHARTOÛM	320	2	18	05	0	7	Ac, Cs	12.1		18	3	15		37	0		
	730	KASSALA	00	0	20	03	1	7	Cs	11.2		19	9	11		52	0		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	50	5	20	02	1	4	Ac	13.1		22	-3	15		19	0		
	802	ROSEIRES	310	2	20	02	2	8	Ac	10.0		23	4	15		31	0		
	771	EL OBEID	20	8	20	03	1	7	Ac, Cs	12.3		19	1	16		30	0		
	760	EL FASHER	360	6	30	02	2	8	Cs	13.6		17	0	13		32	0		
	770	GENEINA	70	4	50	02	2	7	Cs	13.2		18	-4	15		22	0		
S. SÛDÂN	840	MALAKÂL																	
	880	WÂU	00	0	20	02	2	6	Ac	9.8		23	17			69	0		
	941	JUBA	220	3	20	03	1	4	Ac	2.2		27	17	21		55	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa	
DATE	28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2		28-2	
TIME	14		14		15		14		14		14 30		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	1	280	11	80	3	260	11	110	4	250	11	170	10	100	8	270	5	350	9	290	10
600 m.	270	5	280	10	80	4	240	14	150	4	230	17	170	12	110	6	300	4	310	10	290	10
1000 m.	250	12	260	9	220	10	240	17	160	6	230	17	190	12	130	5	320	3	310	9	280	11
1500 m.	260	15	230	13	260	14			240	16	240	11	130	19	180	3	150	7	40	3	290	13
2100 m.			250	17	260	14			230	30	230	10	140	18			140	2	80	5	290	15
2400 m.			270	18	260	15			230	33	230	14	140	17			10	4	90	5	280	12
3000 m.			270	14	260	18			240	38	240	23							180	5	80	18
4000 m.					260	30					250	22							220	8		
5000 m.					260	32					260	21							250	8		
6000 m.					260	40					270	18							280	17		

STATION	Baharia		Farafra		Dakhla		Kharga		Hurghada				Cairo (A)		Luxor				Kharga		Hurghada	
DATE	28-2		28-2		28-2		28-2		28-2				1-3		1-3				1-3		1-3	
TIME	14		14		14		14		14				2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	230	11	260	6	340	3	170	12	120	12			200	26	20	10			140	5	140	12
600 m.	230	11	260	9	320	8	350	16	100	5			210	29	20	15			170	6	130	10
1000 m.	230	21	280	10	320	7	250	6	90	3			220	25	40	13			140	7	150	4
1500 m.	230	26	280	12	330	5	240	7	260	8			210	26	60	9			120	3	140	6
2100 m.	230	22	260	18			250	5	270	10			230	24	20	10			220	8		
2400 m.	240	17	220	14			200	3	300	9			240	26	20	9			170	6		
3000 m.	240	25	230	18			190	8	290	9									210	5		
4000 m.							240	17	220	16									270	23		
5000 m.							300	24											240	11		
6000 m.																			230	11		

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Baharia		Farafra		Dakhla	
DATE	1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3	
TIME	8		8		8		8		8		8, 30		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	4	240	15	220	19	190	8	170	10	160	5	220	3	240	9	240	9	210	4	90	2
600 m.	260	8	240	10	230	23	200	4	190	9	190	4	220	5	270	16	230	8	250	6	90	2
1000 m.	230	8	240	14	220	20	190	5	210	9	210	17	140	9	260	17	230	14	240	9	90	4
1500 m.	270	19			230	17	180	5	200	14			170	6	270	17	240	24	230	22	90	17
2100 m.	260	27			210	23			230	24			240	12	290	17	260	30				
2400 m					220	33			230	17			220	6	270	17	240	31	250	21		
3000 m.					220	31			260	18			170	10	250	20	240	28	270	16		
4000 m.													220	13								
5000 m.													280	11								
6000 m.													300	5								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	28-2					28-2					28-2									
TIME	14, 30					14					14									
	ALT. m	TEMP. °c	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °c	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	25				25	20				111	28		150	10					
1000 mb.	105	25		270	8	99	19		80	3										
950 mb.																				
900 mb																				
850 mb.	1497	12		240	11	1467	7		260	14	1560	13		40	4					
800 mb.																				
700 mb	3092	2		240	27	3051	-1		260	15	3163	3		180	5					
600 mb.																				
500 mb	5712	-17		250	21	5654	-17		270	34	5793	-15		280	12					
400 mb	7346	-30		280	31	7288	-30		270	41	7440	-27		290	31					
300 mb	9320	-47		270	39	9259	-48		270	51	9469	-41		280	68					
200 mb.						11850	-56		270	80	12160	-53		330	90					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

Egypt Met. Dept

FORM N.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 1st MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Warm weather during day continues all over the Republic. Slight fall in temperature expected tomorrow in Lower Egypt and Cairo. Fresh SW ly winds. Some medium clouds near the northern coast.

In Upper Egypt: Moderate S/SW ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 21 U.T. / " " Sunset 15 54 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

LIBRARY MAY 16 1957 WEATHER BUREAU

At 0600 on FRIDAY 1st MARCH, 1957

AREA	INDEX NUMBER	STATION	1200 WIND DIRECTION Deg.	1200 WIND VELOCITY IN KNOTS	1200 VISIBILITY IN Km. (or m.)	1200 PRESENT WEATHER ww	1200 PAST WEATHER W	1200 CLOUD * AMOUNT 0-8	1200 CLOUD FORMS	1200 BAR. PRESSURE M.S.L. mb.	1200 TEMPERATURES °C. Dry Bulb	1200 Dew Point	1200 RELATIVE HUMIDITY %	1800 WIND DIRECTION Deg.	1800 WIND VELOCITY IN KNOTS	1800 VISIBILITY IN Km. (or m.)	1800 PRESENT WEATHER ww	1800 PAST WEATHER W	1800 CLOUD * AMOUNT 0-8	1800 CLOUD FORMS	1800 BAR. PRESSURE M.S.L. mb.	1800 TEMPERATURES °C. Dry Bulb	1800 Dew Point	1800 MAXIMUM Today	1800 MAXIMUM Diff. from normal	1800 RELATIVE HUMIDITY %	1800 RAIN PAST 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	270	4	18	02	2	3	Sc	11.3	20	13	64	00	0	12	03	0	1	cu	10.7	17	14	20	0	83	0
	303	SÎDI BARRÂNI	350	3	16	01	2	6	Sc,Ac,As	10.7	18	14	78	360	5	14	02	0	0	—	10.4	16	14	19		88	0
	306	MATRÛḤ (A)	40	6	16	02	2	6	cs	10.8	20	14	69	290	4	12	02	0	0	—	11.2	14	13	21		94	0
	309	EL ḎAB'AA			20	00	0	7	cs	10.1	22	11	50				00	0	0	—	10.2	15	13	25		88	0
	319	ALEXANDRIA	270	4	20	03	0	6	cs	11.2	21	12	57	40	6	20	01	1	0	—	11.4	17	13	22	+2	77	0
	318	ALEXANDRIA (A)	310	8	16	03	0	6	ci	11.6	25	13	48	60	4	12	02	0	0	—	11.0	14	13	25	+6	94	0
	330	DAMIETTA	140	2	20	02	1	1	cu	13.1	22	13	57	140	2		00	0	0	—	12.3	18	13	22	+3	73	0
	333	PORT SA'ID (A)												30	2	15	02	0	1	ci	11.7	18	14	21	+2	78	0
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHÛR	200	5	20	03	0	2	ci	12.3	25	11	42	20		10	01	1	4	ci	11.9	16	12	27	+5	77	0
	342	MANŞÛRA	140	3		02	1	3	Sc	12.3	27	9	33	20	3		00	1	0	—	12.3	20	11	28	+6	56	0
	348	ṬANṬA	220	2	20	01	1	4	cu	12.3	26	10	37	310	4	20	02	0	0	—	12.3	18	10	27	+5	60	0
	360	SHEBÎN EL KÔM	20	5	20	01	0	1	ci	12.2	26	7	30	40	2	10	00	0	0	—			6	27			0
	354	ZAGAZIG	320	1	20	02	1	0	—	12.8	26	14	48	140	1	10	03	1	5	cu	10.6	22	15	28	+6	65	0
	441	ISMA'ILÍA																									
CAIRO AREA	366	CAIRO (A)	280	12	20	03	0	3	ci	11.9	26	4	25	190	8	12	01	2	2	ci	10.9	23	5	26		32	0
	372	CAIRO ALMÂZA (A)	210	12	25	02	0	1	ci	12.1	28	5	23	150	8	15	01	0	0	—	11.6	21	5	28	+6	35	0
	374	CAIRO EZBEKÎYA																						28	+5		
	375	GIZA	280	9	12	01	0	2	cs	12.8	26	8	32	00	0	10	01	1	0	—	12.0	18	7	26	+4	49	0
	378	HELWÂN	200	6	20	02	1	4	ci	12.0	26	4	25	180	1	10	02	1	3	ci	11.6	21	4	27	+5	33	0
UPPER EGYPT	381	FAYOÛM	290	4	20	01	1	2	cs	12.4	28	8	29	290	4	20	02	1	2	cs	11.5	20	10	30	+6	53	0
	387	MINYA (A)	180	5	10	03	0	1	ci	11.5	28	5	23	140	3	8	02	0	0	—	10.7	21	6	29	+6	38	0
	393	AṢYOÛṬ (A)	70	8	14	02	0	0	—	12.3	27	5	25	00	0	10	02	0	0	—	12.2	22	3	30	+7	29	0
	399	NAG' HAMÂDI	00	0		00	0	0	—	12.8	28	14	42	00	0		01	0	3	Ac	13.3	17	10	28	+3	64	0
	402	QENA	360	1	20	00	0	0	—	13.4	27	14	45	00	0		00	0	0	—	13.1	18	10	29	+1	60	0
	405	LUXOR (A)	300	4	22	02	0	0	—	12.1	27	7	28	00	0	12	02	0	0	—	11.9	20	6	29		41	0
	414	ASWÂN	330	10	16	02	0	0	—	10.9	30	4	19	340	4	12	02	0	0	—	11.3	23	7	32	+4	36	0
OASES	417	SÎWA	320	12	16	02	1	2	ci	12.1	23	7	36	260	7	14	02	0	0	—	11.5	17	5	24	+1	46	0
	420	BAḤARÎYA	230	11	20	03	2	0	ci	11.2	28	6	25	270	2	10	01	1	0	—	11.3		2	29			0
	423	FARAFRA	260	1	20	03	0	1	cu	12.7	29	9	29	300	2	12	02	0	0	—	12.5	18	4	30		40	0
	432	DAKHLA	00	0	25	02	0	0	—	13.8	27	-2	15	100	3	10	02	0	0	—	13.4	23	-3	30	+4	18	0
	435	KHARGA	00	0	20	02	0	0	—	11.6	29	6	23	00	0	8	02	0	0	—	11.1	17	0	29	+2	32	0
RED SEA	450	SUEZ	160	2	50	01	0	0	—	13.8	22	13	57	160	2	10	01	0	0	—	13.8	21	7	23	+1	41	0
	459	TÔR																									
	462	HURGHÂDA	140	10	22	02	0	1	ci	13.5	24	13	50	170	8	10	01	0	0	—	12.9	21	14	24	+3	65	0
	465	QUSEIR	60	6	20	02	0	0	—	13.9	23	12	50		3	20	02	0	0	—	13.2	20	13	23	-1	64	0
	641	PORT SÛDÂN	40	12	20	01	2	2	Sc,ci	10.7	26	19	66	350	2	20	03	1	4	Sc	12.3	24	21	27		84	0
NORTH SUDAN	600	WÂDI ḤALFA	350	7	20	03	0	2	ci	10.7	29	5	22	10	3	20	01	0	0	—	11.2	24	5	30		30	0
	640	ABU ḤAMAD	00	0	24	03	0	3	ci	7.3	31	8	24	290	2	24	01	2	4	ci	8.7	24	8	31		36	0
	660	KAREIMA	30	2	21	03	1	5	cs	9.1	29	1	17	10	2	21	02	2	1	ci	9.7	24	4	31		28	0
	680	'ATBARA	340	3	20	03	2	7	cs	7.0	31	1	15	350	1	20	01	2	2	ci	8.1	26	3	33		23	0
	721	KHARṬOÛM	300	5	20	02	2	7	cs	7.9	31	5	19	320	6	20	01	2	6	cs	9.1	24	6	32		32	0
	730	KASSALA	350	2	20	02	2	7	cs	5.6	33	6	19	00	0	20	02	2	7	cs	8.5	23	7	34		34	0
CENTRAL SUDAN	751	WÂD MEDANI																						33			
	801	RENK	310	5	20	02	1	2	Ac	7.6	35	3	13											36			
	802	ROSEIRES	310	2	20	02	2	8	cs	4.1	36	-2	9											36			
	771	EL OBEID	50	10	20	02	2	7	cs	7.1	30	1	16	70	1	20	01	1	2	ci	9.4	22	2	31		27	0
	760	EL FASHER	110	5	30	03	2	7	cs,Ac,cs	6.1	31	3	17	70	7	20	01	2	5	Ac,cs	7.4	26	4	33		25	0
	770	GENEINA	270	3	50	02	2	7	cs	5.6	33	-5	8	280	3	30	01	2	7	cs	7.2	29	-1	35		14	0
S. SÛDÂN	840	MALAKÂL	50	7	20	02	1	3	Ac,cs	5.5	36	-2	9	50	4	20	01	1	3	cs	8.4	28	2	37		19	0
	880	WÂU	50	7	20	01	2	4	Ac	4.1	36	6	15	110	2	20	01	1	3	Ac	4.7	31	11	37		29	0
	941	JUBA	40	6	20	02	0	3	cu,Ac	3.1	36	11	22	00	0	20	02	0	1	Ac	3.9	29	13	38		37	0

AREA	INDEX NUMBER	STATION	0600 WIND DIRECTION Deg.	0600 WIND VELOCITY IN KNOTS	0600 VISIBILITY IN Km. (or m.)	0600 PRESENT WEATHER ww	0600 PAST WEATHER W	0600 CLOUD * AMOUNT 0-8	0600 CLOUD FORMS	0600 BAR. PRESSURE M.S.L. mb.	0600 BAR. PRESSURE Diff. from normal mb.	0600 TEMPERATURES °C. Dry Bulb	0600 Dew Point	0600 MINIMUM Today	0600 MINIMUM Diff. from normal	0600 RELATIVE HUMIDITY %	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st	RAINFALL Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	2	7	Sc,Ac	9.6	-7.0	15	11	15	+5	77	0	225	
	303	SÎDI BARRÂNI	230	8	16	02	2	7	Sc,Ac	9.7		14	12	12		88	0	213	
	306	MATRÛḤ (A)	220	1	15	02	0	3	Ac	10.3	-6.4	14	13	11		94	0	227	
	309	EL ḎAB'AA			10	00	0	4	Ac	9.6		13	11	10		88	0	153	
	319	ALEXANDRIA	220	4	20	03	0	5	Ac	10.7	-5.9	16	10	14	+2	68	0	226	171
	318	ALEXANDRIA (A)	240	4	12	03	0	6	Ac	10.0	-7.0	15	13	11	+1	88	0	198	133
	330	DAMIETTA	200	2		00	0	1	Ac	11.2	-5.1	16	8	11	+1	59	0	195	92
	333	PORT SA'ID (A)	200	12	14	02	0	1	ci	10.4	-6.3	17	14	15	+3	83	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	180	2	10	03	0	3	Ac	10.8	-5.6	17	11	9	0	68	0	109	84
	342	MANŞÛRA	90	3		01	1	3	cb	10.2	-6.2	14	8	11	+3	67	0	58	41
	348	ṬANṬA	220	6	20	01	1	1		11.8	-5.0	16	8	9	+2	59	0	71	33
	360	SHEBÎN EL KÔM	160	2	10	00	0	0	—	11.1	-5.9	15	4	13		48	0	53	
	354	ZAGAZIG	220	1	10	02	0	0	—	10.6	-6.2	17	9	12	+5	60	0	44	22
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	230	14	16	02	0	0	—	10.8		19	6	16		43	0	46	
	372	CAIRO ALMÂZA (A)	200	9	15	02	0	0	—	11.1	-6.4	19	4	16	+6	37	0	51	
	374	CAIRO EZBEKÎYA										15	7	12	+3	59	0	40	19
	375	GIZA	360	6	10	03	—	5	AcAsCu	12.4	-4.7	13	11	9	+2	88	0	46	19
	378	HELWÂN	140	3	10	02	0	0	—	11.4	-5.7	18	3	13	+3	37	0	32	20
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	12.2	-4.5	21	9	11	+3	47	0	16	7
	387	MINYA (A)	180	4	7	02	0	0	—	11.4	-7.1	15	4	10	+4	48	0	2	
	393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	12.7	-4.8	16	3	12	+5	42	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	3	Ac	14.0	-2.7	16	8	10	+3	59	0	1	
	402	QENA		1	10	00	0	0	—	14.0	-1.8	19	7	9	0	46	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	12.9	-3.5	14	0	9		39	0	0	
	414	ASWÂN	00	0	14	02	0	0	—	12.9	-3.6	17	6	12	-1	49	0	8	
OASES	417	SÎWA	280	4	16	02	0	2	ci	11.5	-7.0	11	4	8	+2	63	0	22	6
	420	BAḤARÎYA	00	0	20	02	0	0	—	12.6	-4.8	13	4	8	0	55	0	5	7
	423	FARAFRA	270	1	20	02	0	0	—	14.6		10	-1	7		47	0	dr	
	432	DAKHLA	00	0	20	02	0	0	—	14.2	-3.3	13	-7	10	+2	24	0	1	
	435	KHARGA	00	0	15	02	0	0	—	11.4	-5.5	15	-7	8	-1	21	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	0	—	13.4	-2.8	17	13	13	+2	77	0	28	12
	459	TÔR																	12
	462	HURGHÂDA	00	0	22	02	0	0	—	12.9	-3.3	17	5	9	-2	46	0	dr	
	465	QUSEIR	160	3	20	02	0	0	—	13.2	-1.9	19	7	15	-1	46	0	dr	4
	641	PORT SÛDÂN	350	4	20	03	2	7	Sc	12.6		24	19	22		74	0		
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	1	cs	12.6		16	3	23		42	0		
	640	ABU ḤAMAD	50	2	24	03	0	4	ci	10.6		22	6	17		36	0		
	660	KAREIMA	10	1	21	03	0	1	Ac,cs	11.5		17	0	15		32	0		
	680	'ATBARA	00	0	20	02	1	4	Ac,ci	10.2		22	-1	16		21	0		
	721	KHARṬOÛM	320	1	20	03	1	7	Ac,cs	11.4		29	6	14		23	0		
	730	KASSALA	00	0	20	03	1	7	cs	9.8		24	9	14		38	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	5	50	02	0	2	Ac,ci	11.0		23	-1	13		20	0		
	801	RENK	50	5	20	01	1	6	Ac	12.2		25	0	19		19	0		
	802	ROSEIRES	230	2	20	01	1	3	Ac	11.7		21	8	17		44	0		
	771	EL OBEID	360	5	20	03	1	6	Ac,cs			20	2	12		30	0		
	760	EL FASHER	00	0	30	03	0	7	Ac,cs	13.6		15	2	14		42	0		
	770	GENEINA	30	7	50	03	2	7	Ac,cs	11.0		21	-4	16		18	0		
S. SÛDÂN	840	MALAKÂL	30	11	20	03	2	7	cs	9.8		24	-2	19		18	0		
	880	WÂU	00	0	20	02	2	7	Ac,cs	8.4		24	12	22		47	0		
	941	JUBA	320	7	20	03	1	5	Ac,cs	8.8		27							

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		P. Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3		1-3	
TIME	14		14		14		14		14		14		14		15		14		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	270	10	270	14	250	12	240	21	220	13	80	3	290	9	350	4	300	9	240	7	300	10
600 m.	230	14	240	12	240	14	220	21	220	13	100	3	290	6	330	6	290	12	290	5	290	8
1000 m.	230	18	230	17	240	14	220	21	230	15	120	5	240	3	310	6	280	13	270	11	300	10
1500 m.	240	24	260	19	220	16	240	18	230	13			230	5	270	3	270	13	250	10	290	5
2100 m.	240	44	260	22	220	35	240	18	220	15			160	10	110	6	240	16	240	16	240	6
2400 m.	240	41	260	30	210	24	230	20	220	17			180	13	100	8	240	23	250	16	210	10
3000 m.	230	44	260	23			220	21	240	16			240	4	130	8	240	25	230	20	250	18
4000 m.	230	54					220	19					180	16	200	12	240	32	230	26		
5000 m.	220	61					240	27					180	16	240	9			230	24		
6000 m.							240	39							260	19						

STATION	Dakhla		Kharga		Hurghada				P Said		Luxor		Hurghada				Dakhla		Kharga		Hurghada	
DATE	1-3		1-3		1-3				2-3		2-3		2-3				2-3		2-3		2-3	
TIME	14		14		14				2		2,30		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	350	4	220	5	120	12			80	7	220	2	130	8			50	9	90	9	130	12
600 m.	340	5	210	7	120	11			210	2	140	3	110	12			50	11	150	6	160	10
1000 m	350	6	200	8	110	6			250	3	120	7	130	13			60	7	140	4	210	10
1500 m.	350	6	200	8	240	7			240	12	120	37	140	5			90	9	250	5	210	16
2100 m.	360	8	210	4	220	10			210	23	120	12	200	10							200	16
2400 m.	360	10	210	4	220	15			210	30			210	14							200	16
3000 m.	330	16	180	4					210	39			200	15							210	17
4000 m.	330	19	210	11																		
5000 m			210	11																		
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		P-Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	260	16	190	20	280	4	90	2	220	10	320	5	300	3	320	2	290	10	340	8	320	9
600 m.	280	24	180	22	260	8	60	3	230	4	330	7	200	3	270	1	310	16	340	8	270	7
1000 m.	280	30	180	21	230	8	30	3	270	7	320	8	160	12	320	2	310	20	360	14	30	7
1500 m.	280	29	170	14	270	19	120	4	220	19					290	4	270	22	120	3	40	6
2100 m.					260	27	120	4	240	23					320	5	240	30	240	10	270	2
2400 m.							130	2	230	20							260	30	220	17	330	3
3000 m.																			230	26		
4000 m.																			230	37		
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	1-3					1-3					1-3									
TIME	14					14					15									
	ALT. m	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °c	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	26				25	17				111	31		360	4					
1000 mb.	96	26		270	17	98	17		320	8										
950 mb.																				
900 mb.																				
850 mb	1490	13		240	18	1461	7		240	24	1531	17		210	3					
800 mb.																				
700 mb.	3092	4		220	21	3028	-2		230	44	3142	3		130	8					
600 mb																				
500 mb	5723	-17		40	31	5621	-17		220	61	5792	-12		250	13					
400 mb	7357	-29		230	38	7281	-31				7427	-26		260	33					
300 mb.	9339	-46		230	42	9256	-47				9467	-43		250	50					
200 mb.	11940	-54		240	61	11830	-55				12120	-54		250	112					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 2nd MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased – during preceding hour
31	Slight or moderate duststorm or sandstorm	no change – during preceding hour
32	Slight or moderate duststorm or sandstorm	increased – during preceding hour
33	Severe duststorm or sandstorm	decreased – during preceding hour
34	Severe duststorm or sandstorm	no change – during preceding hour
35	Severe duststorm or sandstorm	increased – during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle not freezing, intermittent	slight
51	" " continuous	slight
52	" " intermittent	moderate
53	" " continuous	moderate
54	" intermittent	thick
55	" continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	Drizzle and rain, slight	
59	" " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " continuous	slight
62	" " intermittent	moderate
63	" " continuous	moderate
64	" " intermittent	heavy
65	" " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	Rain or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature continues. Medium clouds increasing over Lower Egypt and Cairo. Occasional heavy rain in Western Desert extending tomorrow to Lower Egypt and Cairo. Moderate W'ly winds. In Upper Egypt: Mild weather and light winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 20 U.T. / " " Sunset 15 65 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 1st

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
SALLOUM	00	0	18	50	2	8	Sc	10.7	17	12	72
SIDI BARRANI	360	4	16	80	8	8	Sc, AC	9.9	16	10	68
MATRUH (A)	360	7	16	02	2	7	Sc, cu, AC	10.2	19	14	73
EL DABA			20	00	0	7	cs	9.1	19	12	64
ALEXANDRIA	270	8	20	02	1	5	AC, AS, CS	10.8	18	15	83
ALEXANDRIA (A)	270	9	14	03	2	7	AC, CS	10.1	22	16	69
DAMIETTA	200	2	20	02	1	1	AC	10.3	25	11	42
PORT SA'ID (A)	240	9	20	03	0	2	ci	9.8	26	11	40
DAMANHUR	200	5	20	01	0	3	ci	10.4	25	11	42
MANSURA	220	5		03	1	5	ci	10.3	26	10	37
TANTA	220	13	20	03	2	5	ci	10.2	26	7	30
SHEBIN EL KOM	200	5	20	00	0	0	—	10.8	25	5	28
ZAGAZIG	220	2	20	02	0	0	—	9.9	28	17	52
CAIRO (A)	260	14	18	02	0	2	ci	9.9	27	1	16
CAIRO ALMAZA (A)	220	16	25	02	0	2	ci	10.3	28	4	22
CAIRO EZBEKIYA											
GIZA	250	10	12	03	0	2	ci	10.8	27	5	25
HELWAN	200	8	20	02	0	2	ci	10.6	26	4	25
FAYOUM	360	4	20	02	0	0	—	10.0	28	7	27
MINYA (A)	220	5	10	02	0	1	ci	10.3	29	-1	14
ASYOUT (A)	30	5	15	02	0	0		10.5	28	8	29
NAG' HAMADI	00	0	10	01	0	2	AC	10.4	29	6	23
QENA	00	0	20	00	0	0	—	11.4	30	11	31
LUXOR (A)	280	4	22	02	0	0	—	10.5	30	3	18
ASWAN	220	6	20	02	0	1	ci	8.9	33	5	17
SIWA	300	18	16	02	1	4	AC, ci	10.6	23	7	30
BAHARIYA	290	4	20	03	0	2	cs	10.6	26	7	30
FARAFRA	00	0	20	02	0	0	—	12.1	28	8	29
DAKHLA	40	3	24	02	0	0	—	11.9	30	1	16
KHARGA	180	1	20	02	0	0	—	9.4	31	8	13
SUEZ	280	7	50	03	0	2	cu	12.0	23	12	50
TOR			22	02	0	0	—	12.1	25	17	61
HURGHADA	90	8	20	02	0	0	—	12.4	24	16	61
QUSEIR	60	10	20	02	2	6	Sc, AC, ci	10.4	27	23	79
WADI HALFA	80	2	20	02	1	2	ci	8.7	33	6	19
ABU HAMAD	110	2	24	02	2	6	CS	6.5	32	7	21
KAREIMA	270	4	21	01	2	6	AC, CS	7.2	33	-1	11
ATBARA	230	3	20	02	2	7	cs	6.1	33	-3	10
KHARTOUM	250	3	20	02	2	7	AC, CS	6.0	32	4	17
KASSALA	250	2	20	03	1	7	AC, CS	4.0	36	4	13
WAD MEDANI	270	2	20	02	0	0	—	5.7	34	1	12
RENK	310	5	20	02	1	3	AC	6.2	35	-1	10
ROSEIRES											
EL OBEID	10	4	20	01	2	5	AC, ci	5.8	31	-4	10
EL FASHER	70	8	30	03	2	7	AC, CS	4.8	31	2	16
GENEINA	220	12	50	02	2	6	AC, ci	5.4	34	-1	11
MALAKAL											
WAU	70	3	20	02	2	7	CS	3.3	36	6	15
JUBA	50	3	20	02	2	6	cu, ci	2.5	36	13	25

At 1800 on 1st

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	20	0	13	50	0	8	AS	11.8	15	9	18	-2	68	2
SIDI BARRANI	210	8	14	02	2	8	Sc, AC, AS	11.3	14	10	18		77	0.3
MATRUH (A)	300	2	10	61	6	8	AS	12.1	15	14	20		94	0.6
EL DABA			00	00	0	5	cs	12.2	16	14	22		88	0
ALEXANDRIA	140	10	20	03	1	6	AC, AS, CS	11.6	17	13	19	-1	77	0
ALEXANDRIA (A)	30	10	12	01	2	0	—	11.6	16	14	22	+2	88	0
DAMIETTA	200	2		03	1	3	AC	11.6	18	15	25	+6	83	0
PORT SA'ID (A)	330	10	18	01	1	1	cu, Sc	11.1	18	15	26	+7	83	0
DAMANHUR	130	2	10	01	0	1	ci	11.6	15	13	27	+5	88	0
MANSURA	360	3		01	1	4	ci	11.8	18	13	27	+5	73	0
TANTA	360	8	20	02	0	0	—	11.6	17	13	27	+5	77	0
SHEBIN EL KOM	290	2	10	01	1	2	cu	11.4	19	7	26		46	0
ZAGAZIG	00	0	10	01	1	0	—	10.6	20	15	29	+7	73	0
CAIRO (A)	330	1	12	01	0	0	—	11.3	20	6	28		41	0
CAIRO ALMAZA (A)	150	4	12	01	0	0	—	10.9	21	5	29	+7	35	0
CAIRO EZBEKIYA											27	+4		
GIZA	00	0	10	01	0	0	—	11.1	16	6	27	+5	52	0
HELWAN	00	0	10	02	1	3	ci	11.4	21	4	27	+5	33	0
FAYOUM	360	4	20	02	0	0	—	10.7	20	3	30	+6	33	0
MINYA (A)	00	0	8	02	0	0	—	9.9	19	2	30	+7	32	0
ASYOUT (A)	00	0	10	02	0	0		11.1	21	8	29	+6	44	0
NAG' HAMADI	00	0		01	1	2	AC	10.8	21	10	30	+5	50	0
QENA	00	0		00	0	0	—	11.5	19	0	32	+4	28	0
LUXOR (A)	360	5	12	02	0	0	—	10.2	20	6	31		41	0
ASWAN	360	6	12	02	0	0	—	10.3	27	3	34	+6	22	0
SIWA	340	13	14	03	1	7	AS, AS	12.6	18	1	24	+1	49	0
BAHARIYA	00	0	10	02	0	0	—	11.5	18	5	27	+3	43	0
FARAFRA	00	0	12	02	0	0	—	12.6	19	4	30		37	0
DAKHLA	00	0	9	02	0	0	—	11.8	25	-2	31	+5	17	0
KHARGA	00	0	8	02	0	0	—	9.5	18	3	32	+5	37	0
SUEZ	00	0	10	01	0	0	—	12.0	20	11	24	+2	56	0
TOR														
HURGHADA	00	0	20	02	0	0	—	12.4	20	15	24	0	73	0
QUSEIR	60	1	20	01	2	6	Sc, ci	10.9	25	23	28		89	0
WADI HALFA	360	2	20	02	0	0	—	8.9	25	4	33		26	0
ABU HAMAD	00	0	24	01	2	4	ci	7.9	27	6	33		27	0
KAREIMA	00	0	21	02	0	3	CS	8.0	26	3	33		23	0
ATBARA	00	0	20	01	2	2	ci	7.2	28	3	34		20	0
KHARTOUM	300	6	20	02	2	7	AC, CS	8.3	27	5	33		25	0
KASSALA	00	0	20	01	2	1	AC	7.4	25	7	37		32	0
WAD MEDANI											35			
RENK											36			
ROSEIRES											37			
EL OBEID	30	5	20	01	2	6	AC, CS	7.3	27	-3	33		14	0
EL FASHER	00	0	20	01	2	1	AC, CS		27	3	33		22	0
GENEINA	00	0	50	13	1	1	cb, AC	6.5	27	9	36		33	0
MALAKAL	30	5	20	01	2	7	CS	6.4	29	5	37		22	0
WAU	00	0	20	02	2	7	CS	3.8	31	11	37		29	0
JUBA	320	3	20	01	1	3	cb, ci	3.9	33	15	39		34	0

At 0600 on SATURDAY 2nd MARCH, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOUM	270	16	14	01	1	0	—	12.6	4.0	9	2	9	-1	62	3	228	
	303	SIDI BARRANI	260	9	16	01	2	3	Sc	11.8		10	6	7		76	0.3	213	
	306	MATRUH (A)	250	13	16	02	0	4	Sc, cu	12.2	4.5	12	10	9		88	1	228	
	309	EL DABA			10	00	0	7	cu	11.4		14	8	12		67	0	153	
	319	ALEXANDRIA	130	10	10	03	6	8	cu, Sc	12.0	-4.6	15	13	14	+2	88	0.2	226	171
	318	ALEXANDRIA (A)	150	4	8	61	6	8	AC, AS	11.6	5.4	15	14	14	+4	94	0.4	198	133
	330	DAMIETTA	110	2	1	10	1	6	AC	11.8	-4.4	15	15	10	0	97	0	195	92
	333	PORT SA'ID (A)	360	5	15	03	0	6	Sc, AC, ci	11.3	-5.3	17	16	14	+1	94	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	00	0	3	10	2	8	AC, AS	11.5	-4.9	14	14	11	+2	97	0	109	84
	342	MANSURA	00	0		03	1	6	Sc	12.6	-3.8	14	12	10	+2	88	0	58	41
	348	TANTA	00	0		47	4	8	AS	12.3	-4.5	13	13	9	+1	97	0	71	33
	360	SHEBIN EL KOM	290	2	1	41	4	9	—	12.0	-4.9	13	9	11		77	0	53	
	354	ZAGAZIG	320	1	3	10	1	3	AS	11.4	-5.4	11	9	8	+1	88	0	44	22
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	270	4	8	03	2	5	ci	12.0		14	11	15		82	0	46	
	372	CAIRO ALMAZA (A)	00	0	12	02	2	5	ci	11.9	-5.6	14	10	14	+4	77	0	51	
	374	CAIRO EZBEKIYA										15	10	13	+4	72	0	40	19
	375	GIZA	360	6	10	03	—	6	AC, AS, ci	12.4	-4.6	13	11	6	-1	88	0	46	19
	378	HELWAN	00	0	4	05	2	6	ci	12.0	-5.0	13	9	13	+3	77	0	32	20
UPPER EGYPT	381	FAYOUM	00	0	20	02	1	4	AC	12.3	-4.4	6	6	10	+2	59	0	16	7
	387	MINYA (A)	340	2	9	01	0	0	—	11.1	-7.3	14	4	8	+2	52	0	2	
	393	ASYOUT (A)	00	0	16	02	0	3	ci	11.7	-5.7	15	-2	13	+5	32	0	dr	
	399	NAG' HAMADI	00	0		02	0	4	AC, CS	12.3	-4.3	17	4	11	+4	42	0	1	
	402	QENA	00	0	10	03	1	0	—	12.0	-3.8	17	7	9	-1	52	0	dr	
	405	LUXOR (A)	00	0	22	03	0	2	ci	11.4	-4.9	17	3	10		39	0	0	
	414	ASWAN			12	02	0	3	ci	10.9	-5.5	19	9	16	+3	52	0	8	
OASES	417	SIWA	330	10	13	65	6	7	AS	15.3	-3.2	10	6	10	+3	76	1	23	7
	420	BAHARIYA	340	2	20	03	2	7	AC, AS	12.7	-3.7	14	11	9	+1	82	0	5	7
	423	FARAFRA	00	0	15	03	0	2	AC, ci	13.6		10	4	10		67	0	dr	
	432	DAKHLA	150	4	14	03	0	4	ci	13.4	-4.0	17	-8	13	+5	18	0	1	
	435	KHARGA	00	0	10	01	0	2	ci	10.2	-6.7	15	1	10	+1	39	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	5	cu	12.7	-3.5	14	10	9	-2	77	0	28	12
	459	TOR																	12
	462	HURGHADA	00	0	22	03	2	7	cu, cs	11.4	-4.8	13	11	10	-1	88	0	dr	
	465	QUSEIR	270		20	02	1	7	Sc, AC, ci	12.0	-3.0	19	7	16	0	46	0	dr	4
	641	PORT SUDAN	350	1	20	03	1	7	Sc	11.9		25	22	23		84	0		
NORTH SUDAN	600	WADI HALFA	00	0	20	02	0	1	ci	10.8		18	2	14		34	0		
	640	ABU HAMAD	290	2	24	03	0	4	ci	9.8		21	3	16		31	0		
	660	KAREIMA	00	0	21	03	0	2	ci	10.1		19	2	16		32	0		
	680	ATBARA			20	03	1	7	cs	9.4		23	-2	18		19	0		
	721	KHARTOUM	40	4	20	05	2	6	AC, ci	9.3		21	3	20		31	0		
	730	KASSALA	340	1	20	02	2	7	AC, CS	9.8		24	8	19		36	0		
CENTRAL SUDAN	751	WAD MEDANI	00	0	10	02	2	8	AC	10.2		22	1	17		25	0		
	801	RENK	50	2	20	02	1	5	AC	10.3		25	0	17		19	dr		
	802	ROSEIRES	130	2	20	02	2	8	AC	8.6		22	7	19		38	0		
	771	EL OBEID	100	2	20	02	2	6	AC	8.9		23	-4	17		16	0		
	760	EL FASHER	10	6	24	01	2	7	AC, CS	10.6		18	0	15		30	0		
	770	GENEINA	00	0	30	03	1	5	AC, CS	11.9		18	7	16		49	0		
S. SUDAN	840	MALAKAL	130	7	20	03	2	7	AC, CS	9.5		26	1	23		20	0		
	880	WAU	00	0	20	02	2	7	AC, AS	10.5		25	14	23		51	0		
	941	JUBA	00	0	20	21	6	7	AC, AS	9.9		26	19	25		66	dr		

RETARDS DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3		2-3	
TIME	16		14		14		14		14		14,30		16		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	250	10	270	14	300	17	40	3	320	11	00	0	260	5	290	6	340	21	350	9	240	10
600 m	60	10	290	17	290	8	30	3	240	9	180	2	260	8	290	16	340	25	350	9	230	15
1000 m	260	13	280	16	230	9	290	3	220	7	220	3	250	9	290	14	330	22	300	7	220	5
1500 m	240	20			210	14	280	10	190	10	170	4	250	9	270	17	290	19	280	23	220	31
2100 m	240	28			200	24	270	12			240	10	240	11	270	27	270	22	240	23		
2400 m	240	28			220	26	250	14			250	12	230	11	260	27	250	23	250	23		
3000 m	240	33			230	40	250	29			270	17	230	11	270	26	250	41	240	17		
4000 m	230	41					250	26					260	16			250	41				
5000 m	230	31											240	21								
6000 m													240	29								

STATION	Kharga		Hurghada				Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Siwa		Dakhla		Hurghada	
DATE	2-3		2-3				3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3	
TIME	14		14				2		2		2		2		3		2		3		2	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	220	5	130	15			260	27	270	14	280	8	320	15	230	5	300	21	170	24	310	22
600 m	210	4	140	11			260	28	260	16	310	10	330	17	20	12	290	23	180	29	320	8
1000 m	230	12	150	14			270	20	250	10	280	10	340	14	50	5	300	26	170	19	350	6
1500 m	240	14	140	8			250	28	210	21	260	12	340	5	180	2	290	29			160	3
2100 m	270	4	210	12									60	4	220	3	270	35			220	10
2400 m	260	14	200	10									350	4	110	8	270	35				
3000 m	280	8	240	15											340	13	260	31				
4000 m			210	8											20	21						
5000 m																						
6000 m																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	260	18	230	19	250	10	330	11	320	9	330	3	280	23	310	23	340	14	190	17	360	29
600 m	260	27	240	19	250	10	320	33	330	17	360	1	280	22	310	23	330	10	210	35	360	23
1000 m	260	32	240	21	230	22	320	37	10	20	360	1	290	23	300	25	300	18			360	21
1500 m.			220	23	240	30					320	4	310	30	290	27	310	17				
2100 m											320	4	290	35	260	42	280	17				
2400 m											350	4			270	36	270	28				
3000 m											360	4			260	33						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION	Matruh								Aswan									
DATE	2-3								2-3									
TIME	16								16									
	ALT. m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED
Surface						25	16				111	31		260	5					
1000 mb						106	12		250	9										
950 mb																				
900 mb																				
850 mb						1451	3		240	19	1501	19		250	9					
800 mb																				
700 mb						2992	-6		240	33	3122	4		230	11					
600 mb																				
500 mb						5541	-24		230	48	5733	-13		240	26					
400 mb						7129	-37				7449	-26		230	45					
300 mb						9059	-50				9601	-45								
200 mb						11660	-58				12240	-55								

REMARKS.

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 3rd MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature continues. Fresh W½y winds strengthening at times near the northern coast with rising dust in scattered places. Low and medium clouds increasing in the north where scattered rain is expected. In Upper Egypt: Moderate NW½y winds. Mild weather generally.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 19 U.T. / " " Sunset 15 55 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 2nd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	100	20	18	02	0	0	—	16.6	18	-7	18	
	303	SÎDI BARRÂNI	270	10	18	02	0	0	—	10.6	16	3	42	
	306	MATRÛḤ (A)	260	17	18	01	0	0	—	10.3	11	0	52	
	309	EL ḌAB'AA			20	00	0	3	AR	10.2	18	3	37	
	319	ALEXANDRIA	270	12	20	01	2	7	cu, Sc, AC	11.6	16	10	68	
	318	ALEXANDRIA (A)	290	13	12	21	6	8	As, AC, As	11.8	16	12	77	
	330	DAMIETTA	340	5	10	50	1	7	cu, Sc	11.4	19	16	83	
	333	PORT SA'ÎD (A)	10	8	20	02	2	6	cu, Sc	10.5	19	15	78	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	310	5	4	50	6	7	AC, As	11.9	18	15	83	
	342	MANŞÛRA	00	0	4	03	2	6	AC	10.7	21	14	65	
	348	ṬANṬA	310	8	20	03	6	7	As	11.3	20	15	73	
	360	SHEBÎN EL KÔM	290	9	20	01	0	3	cu	10.8	22	9	44	
	354	ZAGAZIG	220	2	20	03	1	7	cu	9.9	21	16	74	
	441	ISMA'ILÎA												
CAIRO AREA	366	CAIRO (A)	340	8	6	02	2	7	AC, As	10.4	22	12	53	
	372	CAIRO ALMÂZA (A)	230	8	15	50	2	7	Sc, As	10.4	24	3	26	
	374	CAIRO EZBEKÎYA												
	375	GIZA	210	2	12	25	8	8	Cu, Ai, As	11.0	24	10	41	
	378	ḤELWÂN	00	0	4	05	5	8	Cb, ci	10.0	23	5	32	
UPPER EGYPT	381	FAYOÛM	290	2	20	03	2	6	AC	10.7	26	8	28	
	387	MINYA (A)	00	0	10	02	0	2	AC, ci	9.6	28	1	18	
	393	AṢYOÛṬ (A)	280	2	18	02	0	0	—	10.0	28	1	18	
	399	NAG' ḤAMÂDI	00	0	10	02	0	3		9.4	30	11	31	
	402	QENA	270	1	10	00	0	0	—	9.8	30	11	31	
	405	LUXOR (A)	290	5	22	02	0	1	ci	8.5	31	5	19	
	414	ASWÂN	170	10	16	01	0	2	ci	7.7	34	4	15	
OASES	417	SÎWA	320	17	16	02	6	2	AC	13.9	17	-1	30	
	420	BAHARÎYA	320	5	20	02	2	7	AC, As	12.1	21	12	57	
	423	FARAFRA												
	432	DAKHLA	300	3	20	02	0	2	ci	10.7	29	-1	14	
	435	KHARGA	190	1	20	02	0	0	—	7.5	32	-3	10	
RED SEA	450	SUEZ	180	6	50	01	0	3	cu	9.6	27	14	45	
	459	TÔR												
	462	HURGHÂDA												
	465	QUSEIR	100	9	20	01	2	5	Sc, cu, AC	10.3	25	17	61	
	641	PORT SÛDÂN	60	12	20	01	2	7	Sc, ci	8.0	28	24	79	
NORTH SUDAN	600	WÂDI ḤALFA	270	9	20	01	0	0	—	7.3	33	5	17	
	640	ABU ḤAMAD	00	0	24	01	0	0	—	5.3	34	5	16	
	660	KAREIMA	00	0	21	02	0	1	AC	5.9	34	3	14	
	680	'AṬBARA	250	2	20	01	2	2	ci	4.9	36	-1	10	
	721	KHARṬOÛM	320	3	20	01	1	3	AC, ci	4.9	36	5	14	
	730	KASSALA	00	0	20	02	2	7	AC, CB	4.7	35	9	20	
CENTRAL SUDAN	751	WÂD MEDÂNI	310	5	20	02	2	4	AC	5.2	36	-2	9	
	801	RENK	50	2	20	02	1	6	Sc	6.8	37	0	10	
	802	ROSEIRES	230	2	20	02	2	8	Sc	4.5	34	1	12	
	771	EL OBEID	130	5	20	03	2	6	AC	3.6	35	-5	8	
	760	EL FASHER	180	11	20	02	2	7	AC	3.3	34	3	14	
	770	GENEINA	230	8	30	03	2	1	cu, ci	5.2	33	7	20	
S. SÛDÂN	840	MALAKÂL	110	6	20	02	2	7	cu, Ai, CS	4.6	37	5	13	
	880	WÂU	110	6	20	02	2	7	AC, CS	4.3	35	3	13	
	941	JUBA	180	5	20	01	2	6	cu, ci	2.9	35	17	35	

At 1800 on 2nd

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	270	24	8	01	1	5	Sc	10.8	13	-3	18	-2	34	0
303	SÎDI BARRÂNI	310	22	12	01	1	5	Sc	10.2	14	1	18		42	0
306	MATRÛḤ (A)	210	8	16	02	0	0	—	11.0	12	3	18		55	0
309	EL ḌAB'AA				00	0	0	—	11.6	12	4	19		59	0
319	ALEXANDRIA	310	6	20	01	1	0	—	11.4	14	5	17	-3	55	0
318	ALEXANDRIA (A)	320	10	12	01	2	0	—	11.6	13	7	18	-2	67	0.2
330	DAMIETTA	340	2		02	5	7	cu, Sc	11.8	16	14	19	0	88	dr
333	PORT SA'ÎD (A)	270	3	15	01	8	2	Sc	12.1	17	14	21	+2	83	dr
336	EL 'ARISH														
339	DAMANHÛR	330	2		01	6	4	AC	11.8	15	13	21	-1	88	1
342	MANŞÛRA	00	0		03	2	8	AC	13.0	16	14	22	0	88	0
348	ṬANṬA	00	0	20	03	5	8	As	12.3	15	13	21	-1	88	dr
360	SHEBÎN EL KÔM	290	2	10	01	5	3	Sc	12.3	15	11	23		77	dr
354	ZAGAZIG	220	1	10	03	1	6	cu	12.6	17	15	22	0	88	0
441	ISMA'ILÎA														
366	CAIRO (A)	340	6	10	60	6	7	AC, As	12.8	16	13	24		82	dr
372	CAIRO ALMÂZA (A)	300	7	12	50	5	7	As	12.3	17	13	26	+4	77	dr
374	CAIRO EZBEKÎYA											24	+1		
375	GIZA	20	7	8	01	2	7	cu, AC	13.1	16	13	25	+2	82	0
378	ḤELWÂN	340	4	4	02	6	5	Cb	12.6	17	13	25	+3	77	dr
381	FAYOÛM	290	4	20	20	5	4	AC	12.3	17	13	27	+3	77	dr
387	MINYA (A)	360	9	7	02	1	5	AC	10.4	19	9	29	+6	52	0
393	AṢYOÛṬ (A)	280	3	10	03	0	2	ci	10.5	20	6	29	+6	41	0
399	NAG' ḤAMÂDI	00	0		01	0	3	AC	11.0	20	11	31	+6	56	0
402	QENA	00	0		00	0	0	—	9.5	18	13	33	+5	73	0
405	LUXOR (A)	350	2	12	02	0	0	—	8.2	22	8	33		41	0
414	ASWÂN	00	0	12	02	0	0	—	7.7	28	-3	35	+7	13	0
417	SÎWA	270	10	14	02	0	0	—	13.3	14	3	18	-1	48	0.1
420	BAHARÎYA	00	0	10	02	2	7	AC, As	13.6	14	8	20	-4	67	0
423	FARAFRA	360	6	12	02	0	5	AC, CS	14.9	15	4	22		48	0
432	DAKHLA	340	11	8	01	0	2	ci	11.5	22	3	31	+5	29	0
435	KHARGA	330	1	8	01	0	1	ci	7.9	22	0	33	+6	23	0
450	SUEZ	360	13	10	02	0	3	cu	13.3	19	14	27	+4	73	0
459	TÔR														
462	HURGHÂDA	160	10	10	02	0	0	—	9.7	23	17	25	+4	69	0
465	QUSEIR		3	28	01	1	0	—	10.0	22	17	25	+1	74	0
641	PORT SÛDÂN	150	3	20	03	0	6	Sc	9.3	26	23	29		84	0
600	WÂDI ḤALFA	50	5	20	02	0	0	—	5.5	26	2	34		21	0
640	ABU ḤAMAD	50	0	24	01	0	0	—	6.2	28	6	35		25	0
660	KAREIMA	360	1	21	01	0	0		6.2	27	2	35		20	0
680	'AṬBARA	00	0	20	01	1	1	AC	5.7	29	3	36		19	0
721	KHARṬOÛM	360	2	20	01	1	0	—	5.2	31	4	36		18	0
730	KASSALA											36			
751	WÂD MEDÂNI											37			
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	90	3	20	01	1	2	ci	5.3	25	-2	36		16	0
760	EL FASHER											35			0
770	GENEINA	110	4	50	01	1	1	AC	5.0	28	-4	35		12	0
840	MALAKÂL	180	6	20	02	2	7	AC, CS	5.8	32	14	39		34	0
880	WÂU	00	0	20	01	2	4	CS	2.4	31	10	38		28	0
941	JUBA	90	2	20	01	1	4	cu, ci	3.7	29	16	37		46	0

At 0600 on SUNDAY 3rd MARCH, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	240	25	10	02	0	0	—	11.4	-5.2	7	-1	6	-4	57	0	228	
303	SÎDI BARRÂNI	260	17	16	02	0	2	Sc	10.6		7	4	4		81	0	213	
306	MATRÛḤ (A)	240	10	16	02	0	1	cu	12.1	-4.6	8	2	6		66	0	228	
309	EL ḌAB'AA			10	00	0	0	—	11.6		9	2	7		62	0	153	
319	ALEXANDRIA	270	20	20	03	0	1	cu	12.3	-4.2	13	4	11	-1	55	0	226	171
318	ALEXANDRIA (A)	240	18	12	01	0	1	cu	11.9	-5.0	12	5	9	-1	63	0.2	199	133
330	DAMIETTA	200	5	10	00	0	0	—	12.3	-3.9	13	9	8	-2	77	dr	195	92
333	PORT SA'ÎD (A)	250	15	15	01	1	1	AC	11.8	-4.8	16	8	14	+1	59	0.2		
336	EL 'ARISH																	
339	DAMANHÛR	230	5	10	02	0	0	—	12.7	3.7	11	4	7	-2	63	1	110	84
342	MANŞÛRA	40	3		00	1	0	—	12.7	-3.6	12	8	9	0	77	0	58	41
348	ṬANṬA	220	1	20	02	0	0	—	13.5	-3.3	11	4	8	0	63	dr	71	33
360	SHEBÎN EL KÔM	290	2	10	00	0	0	—	13.3	-3.6	14	4	10		52	dr	53	
354	ZAGAZIG	220	1	10	01	1	3	cu	12.6	-4.1	12	8	9	+1	77	1	45	22
441	ISMA'ILÎA																	
366	CAIRO (A)	280	8	12	01	6	3	Sc	14.7		13	3	12		51	dr	46	
372	CAIRO ALMÂZA (A)	250	12	12	02	2	6	AC, ci	13.6	-3.8	14	2	12	+2	45	dr	51	
374	CAIRO EZBEKÎYA										13	6	12	+3	63	dr	40	19
375	GIZA	290	7	8	03	—	3	AC	14.1	-2.9	11	5	11	+4	67	dr	46	19
378	ḤELWÂN	00	0	10	02	1	3	cc	14.3	-2.7	12	3	12	+2	55	0.3	32	20
381	FAYOÛM	310	4	20	01	1	4	SC	15.2	-1.4	14	6	11	+2	59	dr	16	7
387	MINYA (A)	330	8	7	02	1	5	cu	14.3	-4.1	14	2	12	+6	45	0	2	
393	AṢYOÛṬ (A)	280	8	12	03	1	6	AC	15.3	-3.0	14	0	12	+4	39	0	dr	
399	NAG' ḤAMÂDI	290	3		03	2	7	As	13.4	-3.2	16	10	11	+4	68	0	1	
402	QENA	290	2	10	00	0	0	—	11.6	-4.1	17	9	12	+2	60	0	dr	
405	LUXOR (A)	220	6	22	03	0	5	cs	10.2	-6.1	18	9	13		56	0	0	
414	ASWÂN	00	0	12	03	0	7	cs	11.1	-5.2	19	3	14	+1	35	0	8	
417	SÎWA	290	6	15	02	1	4	ci	15.7	-2.7	8	-1	7	0	54	0.1	23	7
420	BAHARÎYA	320	5	20	02	2	7	cs	16.1	-1.3	11	4	9	+1	63	dr	5	7
423	FARAFRA	350	8	12	03	1	8	cs	17.8		12	3	10		35	0	dr	
432	DAKHLA	320	10	10	03	0	2	ci	15.9	-1.4	14	-1	11	+3	36	0	1	
435	KHARGA	360	12	5	01	2	7	ci	12.3	-4.5	15	1	14	+5	39	0	3	
450	SUEZ	310	7	20	00	6	6	AC, As	14.2	-2.0	16	3	12	+1	42	dr	28	12
459	TÔR																	12
462	HURGHÂDA	300	7	22	02	2	8	cu, AC, ci	10.7	-5.4	20	11	14	+3	56	0	dr	
465	QUSEIR	340	6	20	03	1	8	Sc	10.9	-4.0	22	17	17	+1	74	0	dr	4
641	PORT SÛDÂN	170	1	20	02	1	5	Sc	9.3		27	23	23		79	0		
600	WÂDI ḤALFA	150	4	20	03	0	7	cs	10.1		18	-2	13		26	0		
640	ABU ḤAMAD	360	9	24	01	2	1	AC	8.6		25	0	17		19	0		
660	KAREIMA	90	1	21	01	1	2	AC	8.9		21	1	19		27	0		
680	'AṬBARA	60	4	20	01	0	2	AC, ci	8.3		26	-3	18		15	0		
721	KHARṬOÛM	00	0	20	03	0	7	AC, ci	8.5		23	5	17		32	0		
730	KASSALA	90	3	20	02	0	0	—	7.0		29	4	15		20	0		
751	WÂD MEDÂNI	90	5	10	02	0	2	ci	8.0		24	1	15		22	0		
801	RENK	130	2	20	02	0	2	AC	8.9		26	10	17		37	0		
802	ROSEIRES																	
771	EL OBEID	10	7	20	02	2	6	AC, ci	7.8		24	-2	17		17	0		
760	EL FASHER	360	6	20	03	1	7	CB	8.5		22	4	20		31	0		
770	GENEINA	00	0	30	01	1	2	CS	12.4		14	3	11		48	0		
840	MALAKÂL	150	4	20	02	2	7	AC, CS	7.0		27	13	23		42	0		
880	WÂU	00	0	20	02	2	6	AC, CS	6.7		25	13	22		48	0		
941	JUBA	50	1	20	02	2	7	AC, As	6.8		28	18	25		55	0		

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matrah		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3		3-3	
TIME	15		14		14		14		14		14		14		15 30		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	26	280	15	250	35	290	16	300	20	340	16	330	11	350	16	280	16	300	21	320	11
600 m.	270	31	270	27	250	20	260	20	300	20	340	17	320	13	340	15	270	15	300	26	330	7
1000 m.	270	31	260	35	250	20	250	22	300	21	340	16	320	10	320	13	280	14	290	20	320	13
1500 m.	270	29	250	43	240	18	230	26	290	25	320	15	230	5	240	14	290	23	300	22	300	12
2100 m.	270	25			230	30	240	38	290	28	250	17	240	7	240	16	280	25	300	25	290	23
2400 m.	270	25			230	47	240	49					260	6	240	17			280	33	270	28
3000 m.	250	23					230	54							240	16					250	27
4000 m.	250	28					230	68							250	20					270	35
5000 m.															260	27						
6000 m.															250	43						

STATION	Dakhla		Kharga		Hurghada				Alex.(A)		Cairo(A)		Luxor				Dakhla		Kharga		Hurghada	
DATE	3-3		3-3		3-3				4-3		4-3		4-3				4-3		4-3		4-3	
TIME	14		14		14				2		2		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	21	330	33	340	11			300	7	270	13	350	12			20	10	10	33	330	23
600 m.	340	25	330	42	320	16			310	6	280	11	10	18			350	9	10	16	320	35
1000 m	330	23	360	47	270	13			310	6	270	14	20	16			360	10	360	2	280	9
1500 m.			350	26	250	7					270	19	320	4					180	9	250	16
2100 m.					240	19					240	13	320	6					270	21		
2400 m.					210	23							330	8					250	27		
3000 m																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	20	270	15	220	15	240	14	260	12	350	6	320	5	10	7	300	9	290	4	330	4
600 m.	270	31	270	15	230	9	240	15	260	15	340	16	340	15	340	6	310	10	300	6	270	5
1000 m.	280	21	270	14	320	6	240	12	260	18	340	14	340	15	340	10	300	10	280	12	10	11
1500 m.	290	23			280	10	250	16			330	11	290	19	350	7	270	14	330	14	360	12
2100 m.	300	24					230	15							220	2	260	17	320	20	320	18
2400 m.	310	17					220	14							240	4					340	24
3000 m.	280	14																			330	63
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	3-3					3-3					3-3									
TIME	15					15					15									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	17				25	19				111	27		360	15					
1000 mb.	121	16		340	14	106	13		270	25										
950 mb.																				
900 mb.																				
850 mb.	1465	3		230	26	1435	-2		270	29	1441	17		240	14					
800 mb.																				
700 mb.	3023	-3		230	54	2999			250	23	3053	3		240	16					
600 mb.																				
500 mb.	5610	-18				5464	-20				5666	-17		230	36					
400 mb.	7223	-33				7101	-34				7315	-26		230	96					
300 mb.						9757	-48				9475	-40		270	103					
200 mb.						11620	-60				12060	-55		280	126					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 1

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 4th March, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature still below normal in Cairo, Lower and Middle Egypt; and continues to fall in Upper Egypt. Low clouds over N. coast, Delta and Cairo increasing sometimes with risk of rain in scattered places near the north coast. Moderate W'ly winds in Lower Egypt and Cairo; light to moderate NW'ly in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 18 G.M.T. / Sunset 15 56 G.M.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 3rd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount C.R.	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount C.R.	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs mms
SALLOUM	250	25	12	01	5	4	Sc	12.5	13	3	51	250	22	15	02	2	0	—	13.6	11	2	15	-5	54	dr
SIDI BARRANI	300	25	16	50	0	7	Cu, Sc	11.2	13	5	59	350	14	12	01	2	6	Ac	13.6	10	5	15		71	0.4
MATRUH (A)	270	26	10	02	2	0	Cu, Cs	11.4	15	-2	32	260	22	10	02	5	7	Sc, Cu	15.8	10	8	18		88	1
EL DAB'AA			20	00	0	3	Ci	11.6	16	-5	24			4			0	—	13.8	12	3	17		55	0
ALEXANDRIA	270	24	20	05	0	5	Cs	12.7	14	3	48	270	20	20	01	1	0	—	13.5	15	1	16	-4	39	0
ALEXANDRIA (A)	260	23	12	02	2	7	Cu, Ci	12.9	16	3	42	270	9	12	01	2	5	Sc	13.2	13	2	16	-4	48	0
DAMIETTA	200	5	20	03	1	6	Ac	12.8	17	0	34	200	3		00	1	0	—	13.8	13	4	17	-2	55	0
PORT SA'ID (A)	270	24	14	03	0	7	As	11.7	20	3	33	280	16	18	01	1	1	Ci	13.7	14	2	20	+1	34	0
EL 'ARISH																									
DAMANHUR	310	13	4	02	1	6	Ci	12.6	17	-3	26	290	2	4	01	1	1	Ci	13.5	11	4	17	-5	63	0
MANSURA	320	8	4	03	1	0		12.7	17	1	34	240	3		00	1			13.5	13	1	18	-4	41	0
TANTA	220	14	20	03	2	9		13.4	17	1	34	200	3	20	02	0	0	—	14.6	10	3	19	-4	62	0
SHEBIN EL KOM	270	9	20	01	1	2	As	13.1	16	-5	24	250	5	15	01	1	2	Sc	14.3	11	-2	18		41	0
ZAGAZIG	220	1	20	03	1	6	Ac	12.3	20	11	56	180	1	10	02	0	0	—	14.3	13	7	21	-1	67	0
ISMA'ILIA																									
CAIRO (A)	300	22	10	02	2	6	Ci	12.8	17	-6	20	300	6	12	02	0	1	Ci	14.5	13	-3	19		34	0
CAIRO ALMAZA (A)	230	20	20	03	2	7	Cs	12.8	18	-4	22	250	9	15	01	1	3	Ci	14.3	14	-2	20	-2	34	0
CAIRO EZBEKIYA																						20	-3		
GIZA	290	12	10	02	1	7	Cs	12.9	17	-1	30	00	0	8	01	1	0	—	15.0	11	0	19	-4	47	0
HELWAN	220	11	4	02	2	8	Cs	13.0	18	-1	28	290	5	10	02	2	4	Cs	14.4	13	11	19	-3	88	0
FAYOUM	270	6	20	02	2	7	Cc	13.9	20	0	26	360	4	20	01	0	0	—	14.4	14	0	21	-3	39	0
MINYA (A)	320	11	8	03	0	2	Ci	13.8	21	-3	20	340	2	7	01	0	0	—	14.7	11	-2	22	-1	41	0
ASYOUT (A)	320	12	14	03	1	7	Cs	13.7	20	0	26	300	3	10	01	2	0	—	14.9	14	0	20	-4	39	0
NAG' HAMADI	290	3	4	03	2	8	As	11.9	21	7	41	290	3		02	1	3	Ac	13.3	17	4	22	-3	42	0
QENA	290	2	20	03	1	7		10.8	25	11	50	270	1	50	00	0	0	—	11.4	18	10	18		60	0
LUXOR (A)	00	0	22	02	1	5	Cs	9.8	25	10	39	00	0	12	02	0	3	Cs	11.2	19	7	26		46	0
ASWAN	320	6	12	02	2	7	Cs	8.5	29	5	22	360	12	12	01	2	0	—	7.9	23	3	30	+2	27	0
SIWA	310	18	16	03	1	7	Sc, Cu, Cs	15.7	10	-2	30	320	7	19	01	2	4	Cs	15.4	14	-2	17	-7	34	0
BAHARIYA	220	6	20	20	2	7	Ci	14.6	18	2	34	290	2	10	02	1	0	—	15.8	13	2	18	-6	48	0
FARAFRA	310	10	20	02	2	7	Cs	16.8	12	-5	20	330	4	12	01	2	3	Cs	17.1	13	-4	19		31	0
DAKHLA	340	12	8	02	0	0	—	15.6	19	-3	23	340	9	5	02	0	0	—	15.6	15	-18	22	-5	10	0
KHARGA	350	12	5	03	2	6	Ci	11.4	23	2	27	350	10	5	02	0	0	—	13.8	19	-6	24	-3	18	0
SUEZ	90	6	50	02	0	6	Cu	12.7	21	9	47	310	8	12	01	0	0	—	15.4	15	-8	23	0	20	0
TOR																									
HURGHADA	350	18	22	03	2	8	Cu, As, Ci	9.5	23	12	50	300	2	20	00	2			10.7	21		24	0		0
QUSEIR	40	10	20	02	2	8	Ac	10.7	24	18	69														
PORT SUDAN	110	7	20	01	1	2	Sc	7.2	28	23	74	60	1	20	01	1	1	Sc	8.5	26		29		34	0
WADI HALFA	310	8	20	02	1	5	Cs	7.9	30	3	16	350	17	13	01	1	2	Ci	9.7	23	3	32		27	0
ABU HAMAD	00	0	24	03	0	4	Ac	4.6	36	0	10	00	0	24	01	1	1	Ac	6.0	27	-4	37		13	0
KAREIMA	360	2	21	02	0	2	Ac	4.8	36	1	11	360	3	21	03	1	5	Ac	5.4	30	-8	37		8	0
ATBARA	350	2	20	01	0	1	Ac	3.7	37	-1	9	20	3	20	02	0	1	Ac	3.9	31	-2	38		10	0
KHARTOUM	180	4	20	01	0	1	Ci	1.5	37	5	13	320	5	20	02	0	1	Ci	3.1	31	6	39		21	0
KASSALA	130	2	20	03	0	1	Ac	1.4	39	7	14	40	4	20	02	0	0	—	3.6	29	6	40		23	0
WAD MEDANI	270	5	20	02	0	1	Ci	1.5	38	3	11											39			
RENK	360	2	20	02	0	2	Ac	2.7	39	6	13											41			
ROSEIRES	50	5	20	02	0	2	Ci	0.1	39	16	26											41			
EL OBEID	80	2	20	03	1	6	Ac, Ci	1.4	37	-2	8	50	3	20	01	2	2	Ci	2.3	29	1	37		17	0
EL FASHER	290	5	20	03	2	7	Ac, Cs	2.2	35	4	14	00	0	20	01	2	5	Ac, Ci	2.9	29	5	36		22	0
GENEINA	10	3	35	03	1	3	Ac, Ci	4.5	34	-10	5	330	5	50	02	1	4	Ci	5.6	26	-5	36		13	0
MALAKAL	90	3	20	03	2	7	Cu, Ac, Cs	1.0	39	12	20	150	5	20	01	2	5	Cs	2.2	32	8	40		22	0
WAU	100	6	20	02	1	1	Cu	0.2	37	14	25	270	3	20	03	2	7	Ac	2.6	30	-11	39		6	0
JUBA												60	0	20	01	6	3	Ac	2.3	29	21	38		62	1

At 0600 on MONDAY 4th MARCH 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount C.R.	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOUM	270	22	16	02	0	0	—	16.4	-0.1	8	0	6	-4	58	dr	228	
	308	SIDI BARRANI	260	16	16	03	0	4	Cb	15.6		7	3	5		76	0.4	214	
	306	MATRUH (A)	250	14	16	03	0	2	Cb	16.1	-0.6	8	4	5		76	1	229	
	309	EL DAB'AA			10	00	0	3	Cu	15.6		9	4	5		71	0	153	
	319	ALEXANDRIA	40	2	20	03	0	5	Cu, Sc, Cc	16.1		12	8	11	-1	77	0	226	172
	318	ALEXANDRIA (A)	20	10	10	20	8	7	Cu, Sc	16.2	-0.7	10	7	10	0	82	0.2	199	133
	330	DAMIETTA	200	2	4	03	1	3	Ac	15.9	-0.3	9	7	5	-5	88	0	195	92
	333	PORT SA'ID (A)	230	12	14	01	0	2	Ci	16.1	-0.5	11	6	10	-3	71	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	230	2	10	01	1	3	Cu	16.3	0.0	11	7	5	-4	77	0	119	84
	342	MANSURA	140	5	5	01	0	3	Cu	16.0	-0.3	7	5	5	-4	87	0	58	41
	348	TANTA	220	1	20	03	2	6	Cu	16.5	-0.3	9	4	6	-2	71	0	71	33
	360	SHEBIN EL KOM	290	2	10	01	1	1	Cu	16.6	-0.2	10	6	7		76	0	53	
	354	ZAGAZIG	220	2	10	02	0	0	—	15.9	-0.8	10	3	6	-2	62	0	45	22
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	260	6	16	01	1	5	Ci	17.0		11	1	8		51	0	46	
	372	CAIRO ALMAZA (A)	220	6	12	01	0	3	Ci	16.6	-0.8	12	2	8	-2	51	0	51	
	374	CAIRO EZBEKIYA										13	2	9	0	48	dr	40	19
	375	GIZA	190	5	8	01		3	Ci	17.4	+0.4	11	2	5	-2	54	0	46	19
	378	HELWAN	00	0	10	02	1	4	Ci	17.4	+0.4	10	-2	7	-3	44	0	32	20
UPPER EGYPT	381	FAYOUM	240	4	20	02	1	4	Ac	17.8	+1.2	12	2	6	-3	51	0	16	7
	387	MINYA (A)	340	3	8	02	1	2	Ci	17.3	-1.0	10	-3	4	-3	41	0	2	
	393	ASYOUT (A)	00	0	12	03	1	6	Ci	18.1	+0.8	10	-8	8	0	28	0	dr	
	399	NAG' HAMADI	290	1	4	01	0	3	Ac	16.8	+0.3	11	4			63		1	
	402	QENA	290	2	10	00	0	0	—	16.0	+0.4	12	0	7	-3	44	0	dr	
	405	LUXOR (A)	00	0	22	01	0	1	Ci	15.4	-0.8	15	-2	10		32	0	0	
	414	ASWAN	360	17	12	03	0	6	Cs	13.4	-2.8	16	-4	14	+1	26	0	8	
OASES	417	SIWA	320	2	16	01	1	1	Ci	18.1	-0.3	8	-1	5	-2	54	0	22	7
	420	BAHARIYA																5	7
	423	FARAFRA	00	0	15	02	0	0	—	19.7		6	-7	8		39	0	dr	
	432	DAKHLA	290	4	15	02	0	0	—	19.0		8	-8	5	-3	31	0	1	
	435	KHARGA	360	4	8	02	0	0	—	16.4	-0.3	12	0	9	-1	44	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	5	Cu	18.0	+1.8	9	2	9	-2	62	0	28	12
	459	TOR																	
	462	HURGHADA	320	27	15	02	0	3	Ci	12.9	-3.1	17	2	15	+4	37	0	dr	
	465	QUSEIR	320	11	20	03	0	7	Sc, Ac	13.3	-1.6	18	6	15	-1	46	0	dr	4
	641	PORT SUDAN	00	0	20	03	1	6	Sc	9.5		25	23	24		89	0		
NORTH SUDAN	600	WADI HALFA	10	12	13	06	0	2	Ac	13.5		16	-1	13		32	0		
	640	ABU HAMAD	20	9	24	01	2	7	Ac	9.3		22	1	20		25	0		
	660	KAREIMA	80	3	21	03	0	5	Ac, Cs	9.1		22	2	20		27	0		
	680	ATBARA	330	3	20	02	2	7	Ac	7.8		23	-3	21		18	0		
	721	KHARTOUM	350	8	20	03	1	7	Ac, Cs	7.4		26	2	23		21	0		
	730	KASSALA	00	0	20	03	2	7	Ac	6.3		26	14	21		48	0		
CENTRAL SUDAN	751	WAD MEDANI	50	9	20	02	2	8	Ac	5.8		28	-2	20		14	0		
	801	RENK	360	5	20	02	0	3	Ac	8.6		26	8	20		32	0		
	802	ROSEIRES	230	2	20	02	2	5	Ac	5.9		26	9	20		35	0		
	771	EL OBEID	360	6	20	03	1	6	Ac, Ci	7.1		24		21		24	0		
	760	EL FASHER	330	3	30	02	2	7	Cs	9.9		20	0	18		26	0		
	770	GENEINA	50	2	50	03	2	6	Cs	11.9		17	-3	14		26	0		
S. SUDAN	840	MALAKAL																	
	880	WAU	270	4	20	02	2	7	Ac	7.5		25	18	24		65	0		
	941	JUBA	330	3	20	02	1	6	Ac	7.4		27	19	25		62	1		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		P.Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3		4-3	
TIME	14		15		14		14		14		14		14		14		15,45		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	300	14	290	14	300	9	340	13	300	12	340	7	330	14	330	11	340	15	300	17	310	21
600 m.	310	13	280	13	280	5	340	16	290	14	340	5	320	19	330	13	340	13	310	15	300	30
1000 m.	300	14	270	12	260	17	330	12	290	14	340	10	320	15	320	9	320	9	310	9	270	10
1500 m.	280	20	260	12	240	17	310	9	270	13	330	11			280	12	240	11	310	13	280	9
2100 m.	280	26	260	12	240	16	240	17	270	18	320	13			260	17	230	16	290	17	270	21
2400 m			260	14	240	25	250	14	250	23	290	6			250	17	230	20	280	28	280	36
3000 m.			260	19	240	35	250	14	250	30	310	17			250	21	220	28				
4000 m.			260	28					240	49	240	9					230	40				
5000 m.			250	35					240	50	280	26					240	45				
6000 m.			260	44					250	55	270	27					240	59				

STATION	Farafra		Dakhla		Kharga		Hurghada				Alex.(A)		P.Said		Cairo (A)		Asyout		Luxor		Siwa	
DATE	4-3		4-3		4-3		4-3				5-3		5-3		5-3		5-3		5-3		5-3	
TIME	14		14		14		14				2		2		2		2		2		2	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	11	350	26	360	16	340	13			280	23	250	21			330	17	350	9	320	14
600 m.	300	14	350	25	360	30	280	10			270	27	240	31	300	7	320	21	340	13	310	20
1000 m.	310	14	340	14	360	30	290	12			260	27	240	34	290	15	330	21	340	15	300	14
1500 m.	290	29			310	10	260	19							270	13	290	9	340	20	270	17
2100 m.	300	17			280	18	240	23							270	17			340	28	290	17
2400 m.	280	8			280	24	270	10							260	23					290	20
3000 m.	290	15			290	17									210	23					290	21
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P.Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	220	11	230	10	330	4	300	8	330	17	320	17	290	5	310	14	320	10	350	19	320	36
600 m.	230	16	240	10	340	6	330	17	330	17	330	17	280	3	300	16	340	15	340	17	320	29
1000 m.	240	23	250	13	320	7	340	18	320	23	320	13	260	4	310	12			340	20	300	17
1500 m.	230	17	290	23	300	12	330	16	300	31	330	16	280	9	320	14			290	7	280	26
2100 m.	250	23					310	20	310	17	310	15			310	19			280	25		
2400 m.	250	19							300	18	310	26			310	15						
3000 m.	250	24									320	30			310	15						
4000 m.											300	36			310	16						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	4-3					4-3					4-3									
TIME	15					15					15									
	ALT. m	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT m	TEMP. °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	17				25	14				111	25		340	15					
1000 mb.	138	16		320	12	139			300	14										
950 mb																				
900 mb.																				
850 mb.	1483	2		270	13	1471			260	12	1528	15		240	11					
800 mb.																				
700 mb.	3034	-3		250	30	2984	-11		260	18	3141	4		220	28					
600 mb.																				
500 mb.						5493	-26		250	35	5769	-16		240	44					
400 mb						7074	-38		250	42	7410	-28		250	72					
300 mb.						9005	-50				9420	-40		260	94					
200 mb						11580	-54				12100	-55								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 5th MARCH 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be rather cold all over the Republic. Moderate/fresh W'ly winds in Lower Egypt, strengthening at times near the coast with risk of scattered rain.

In Upper Egypt: Moderate N'ly winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 17 U.T. / " " Sunset 15 56 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 4th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	290	18	18	03	1	6	Sc	15.8	16	-2	30	
	303	SÎDI BARRÂNI	310	14	12	01	2	5	cu, Sc	18.4	14	2	45	
	306	MATRÛḤ (A)	320	17	16	01	2	4	cu, Sc	15.7	15	2	42	
	309	EL ḌAB'AA			20	00	0	5	Ac	15.6	15	1	39	
	319	ALEXANDRIA	310	17	20	01	6	3	cu	16.4	15	4	48	
	318	ALEXANDRIA (A)	300	16	12	02	8	7	cu, Sc	15.9	15	7	59	
	330	DAMIETTA	320	5	20	03	1	4	cu	15.2	16	5	49	
	333	PORT SA'ÎD (A)	350	5	20	02	1	5	cu, ci	15.1	16	8	59	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	330	5	10	03	1	6	cb	15.5	15	7	59	
	342	MANŞÛRA	220	3		03	1	5	cu	15.4	18	6	46	
	348	ṬANṬA	220	6	20	03	2	6	cu	16.2	17	4	42	
	360	SHEBÎN EL KÔM	290	5	20	01	1	2	cu	15.4	18	-1	28	
	354	ZAGAZIG	220	1	20	03	1	5	cu	12.3	18	10	60	
	441	ISMA'ÎLÎA												
CAIRO AREA	366	CAIRO (A)	300	14	20	01	2	4	cu, cs	15.2	17	-4	24	
	372	CAIRO ALMÁZA (A)	250	15	25	02	2	5	cu, cs	15.3	19	0	28	
	374	CAIRO EZBEKÎYA												
	375	GIZA	200	10	12	01	0	3	cu, ci	16.0	18	2	34	
	378	ḤELWÂN	290	10	20	03	2	8	ci	15.6	16	-5	24	
UPPER EGYPT	381	FAYOÛM	290	6	20	01	1	3	Ac	16.0	19	-1	26	
	387	MINYA (A)	340	6	8	02	0	2	ci	14.8	20	-7	16	
	393	AṢYOÛṬ (A)	290	5	16	02	1	2	cc	13.5	18	-4	22	
	399	NAG' ḤAMÂDI	290	3	10	03	0	6	As	13.4	20	8	46	
	402	QENA	290	2	20	03	1	2	ci	13.1	23	1	24	
	405	LUXOR (A)	320	10	22	03	0	1	ci	12.7	21	-6	16	
	414	ASWÂN	360	12	12	01	2	1	ci	10.6	26	-4	14	
OASES	417	SÎWA	330	12	16	02	1	4	cu, ci	17.8	16	-2	30	
	420	BAḤARÎYA	270	4	20	01	0	2	ci	16.1	19	4	37	
	428	FARAFRA	340	4	20	02	0	0	—	19.0	17	-5	22	
	432	DAKHLA	340	8	20	02	0	0	—	16.6	19	-3	23	
	435	KHARGA	10	8	5	03	2	6	Ac	13.9	21	-3	20	
RED SEA	450	SUEZ	00	0	50	03	0	6	cu	15.8	19	1	30	
	459	ṬÛR												
	462	HURGHÂDA	350	26	20	01	0	2	cs	11.8	21	4	33	
	465	QUSEIR	360	5	20	01	1	2	As, cs	12.2	20	7	43	
	641	PORT SÛDÂN	60	7	20	03	0	6	Sc	7.9	28	24	79	
NORTH SUDAN	600	WÂDI ḤALFA	10	15	18	02	0	1	ci	9.9	27	3	22	
	640	ABU ḤAMAD	20	5	24	01	2	6	Ac	5.1	35	3	13	
	660	KAREIMA	70	4	21	01	2	6	cu, Ac, cs	6.1	35	2	11	
	680	ʿAṬBARA	30	2	20	03	2	8	Ac, cs	3.3	36	-3	8	
	721	KHARṬOÛM	20	8	20	02	2	7	Ac, cs	2.4	37	5	13	
	730	KASSALA	00	0	20	03	1	7	Ac, cs	99.4	40	5	12	
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	2	6	ci	0.4	39	2	10	
	801	RENK	270	5	20	02	0	3	Ac	2.3	40	8	14	
	802	ROSEIRES	310	5	20	02	1	3	Ac	98.8	40	4	11	
	771	EL OBEID	100	5	20	02	2	7	Ac, cs	2.9	35	-1	10	
	760	EL FASHER	110	3	30	02	2	7	Ac, cs	3.6	34	-3	9	
	770	GENEINA	220	3	50	02	2	7	Ac, cs	4.1	35	-15	3	
S. SÛDÂN	840	MALAKÂL	150	4	8	95	8	8	cb, cs	4.4	29	20	59	
	880	WÂU	270	5	20	01	2	5	cu, Ac	2.0	37	15	27	
	941	JUBA	50	3	20	03	1	6	cu, Ac	1.8	36	16	31	
RETARDS														

At 1800 on 4th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	210	20	10	02	2	6	Sc	16.0	12	0	17	-3	44	0
303	SÎDI BARRÂNI	340	18	14	02	1	2	cu, Sc	15.3	11	4	14		63	0
306	MATRÛḤ (A)	250	9	12	02	0	2	Sc, cu	16.0	10	5	16		71	0
309	EL ḌAB'AA				00	0	4	cu	15.8	12	10	16		88	0
319	ALEXANDRIA	310	10	20	01	0	0	—	16.2	13	4	15	-5	55	0
318	ALEXANDRIA (A)	320	6	12	02	0	0	—	15.8	12	4	16	-4	59	0.4
330	DAMIETTA	320	2		00	0	0	—	15.8	13	9	16	-3	77	0
333	PORT SA'ÎD (A)	350	2	18	02	1	5	cu, Sc	15.3	14	8	18	-1	67	0
336	EL 'ARISH														
339	DAMANHÛR	330	2		01	1	3	cu	15.8	12	5	18	-4	63	0
342	MANŞÛRA	00	0		01	1	2	cu	16.3	12	5	19	-3	63	0
348	ṬANṬA	310	4	20	02	0	0	—	15.7	11	7	19	-4	77	0
360	SHEBÎN EL KÔM	290	2	10	01	1	2	cu	16.2	11	4	18		63	0
354	ZAGAZIG	140	1	10	02	0	0	—	15.3	13	11	21	-1	88	0
441	ISMA'ÎLÎA														
366	CAIRO (A)	10	3	12	01	2	3	cs	16.0	12	5	18		63	0
372	CAIRO ALMÁZA (A)	350	8	15	01	0	0	—	16.0	13	6	19	-3	63	0
374	CAIRO EZBEKÎYA											21	-2		
375	GIZA	00	0	10	01	1	0	—	16.3	13	6	19	-3	63	0
378	ḤELWÂN	340	4	10	02	2	6	cc	15.5	14	-3	17	-6	32	0
381	FAYOÛM	290	4	20	02	1	3	Ac	15.2	14	3	21	-3	48	0
387	MINYA (A)	00	0	8	01	0	1	ci	14.6	12	3	21	-2	55	0
393	AṢYOÛṬ (A)	320	3	10	02	0	1	Ac	15.1	13	-2	20	-4	36	0
399	NAG' ḤAMÂDI	270	2		02	0	3	Ac	14.8	16	5	20	-5	49	0
402	QENA	270	2		00	0	0	—	13.3	16	3	24	-4	42	0
405	LUXOR (A)	00	0	12	01	0	2	cu	12.3	17	2	24		37	0
414	ASWÂN	350	16	10	02	0	0	—	11.4	21	-13	26	-2	9	0
417	SÎWA	320	8	14	01	1	1	Sc, cu	17.0	13	-2	17	-7	36	0
420	BAḤARÎYA	290	4	10	02	0	0	—	16.3	13	2	20	-4	48	0
428	FARAFRA	320	4	12	02	0	0	—	18.4	12	-8	20		24	0
432	DAKHLA	340	5	6	02	0	0	—	16.4	15	-8	20	-7	20	0
435	KHARGA	350	1	6	02	0	0	—	13.1	16	-6	21	-6	22	0
450	SUEZ	310	7	10	01	0	2	cu	16.0	17	-3	21	-2	26	0
459	ṬÛR														
462	HURGHÂDA	320	26	10	01	0	0	—	12.5	18	3	22	0	37	0
465	QUSEIR	320	9	20	01	0	0	—	12.2	18	6	22	-2	46	0
641	PORT SÛDÂN											29			0
600	WÂDI ḤALFA	10	14	13	05	0	0	—	11.0	23	2	29		26	0
640	ABU ḤAMAD											35			0
660	KAREIMA	10	1	21	01	1	2	Ac	6.0	28	0	36		16	0
680	ʿAṬBARA	350	4	20	01	2	5	Ac, ci	4.8	29	3	38		19	0
721	KHARṬOÛM	360	10	20	01	2	4	Ac	3.2	31	6	39		21	0
730	KASSALA	360	2	20	01	2	1	Ac	2.8	29	7	41		25	0
751	WÂD MEDANI											40			
801	RENK											41			
802	ROSEIRES											41			
771	EL OBEID	20	6	20	02	2	4	Ac, cs	3.7	29	3	36		19	0
760	EL FASHER	90	5	20	02	2	7	Ac, cs	4.0	29	1	35		17	0
770	GENEINA	300	6	30	02	2	7	cs	5.2	29	-6	37		10	0
840	MALAKÂL	280	2	20	01	9	6	Ac, cs	4.7	27	20	36		66	6
880	WÂU	170	2	20	60	6	8	As	5.2	28	18	35		55	dr
941	JUBA	310	2	20			7	As	4.6	28	20	36		62	1

At 0600 on TUESDAY 5th MARCH 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	230	29	18	02	0	0	—	16.4	-0.1	7	0	6	-4	62	0	228	
303	SÎDI BARRÂNI	250	18	18	02	0	3	cu, Sc	15.4		7	2	5		71	0.5	214	
306	MATRÛḤ (A)	250	16	15	01	1	3	cu, Ac	15.9	-0.8	9	3	6		67	0	229	
309	EL ḌAB'AA			10	00	0	4	Ac	15.4		9	4	6		71	0	153	
319	ALEXANDRIA	310	20	20	80	8	7	cu, Sc	16.3	-0.1	10	6	9	-5	76	5	231	172
318	ALEXANDRIA (A)	340	14	6	81	8	8	cu, Sc	16.0	-0.8	9	6	9	-1	82	5	204	134
330	DAMIETTA	230	2		03	0	1	cu	13.9	-2.2	11	6	4	-6	71	0	195	93
333	PORT SA'ÎD (A)	270	18	14	01	0	1	cu, Ac	15.3	-1.2	13	4	10	-3	55	0		
336	EL 'ARISH																	
339	DAMANHÛR	310	5		03	6	4	cu	16.6	+0.3	10	6	5	-4	76	0	110	85
342	MANŞÛRA	220	3		00	0	0	—	16.4	+0.1	11	7	6		77	0	58	42
348	ṬANṬA																71	33
360	SHEBÎN EL KÔM	290	1	10	00	0	0	—	16.7	-0.1	10	4	7		67	0	53	
354	ZAGAZIG	220	1	10	02	0	0	—	16.6	-0.1	9	4	5	-3	71	0	45	22
441	ISMA'ÎLÎA																	
366	CAIRO (A)	250	7	14	02	0	1	cu	16.7		13	1	8		44	0	46	
372	CAIRO ALMÁZA (A)	200	7	15	02	0	0	—	16.6	-0.7	12	1	7	-3	47	0	51	
374	CAIRO EZBEKÎYA										12	3	8	-1	55	0	40	19
375	GIZA	220	8	10	02	—	0	—	17.5	+0.5	10	6	4	-3	76	0	46	19
378	ḤELWÂN	00	0	10	02	0	0	—	17.1	+0.2	11	1	8	-2	51	0	32	20
381	FAYOÛM	360	4	20	02	0	0	—	17.8	+1.2	11	6	6	-3	71	0	16	7
387	MINYA (A)	310	1	8	02	0	0	—	17.1	-1.1	8	0	3	-4	58	0	2	
393	AṢYOÛṬ (A)	280	5	14	02	0	0	—	18.0	+0.8	11	-7	7	-1	28	0	dr	
399	NAG' ḤAMÂDI	00	0		01	0	3	Ac, cs	17.5	+1.1	11	1	6	-1	51	0	1	
402	QENA	290	2	10	00	0	0		16.7	+1.1	12	3	4	-6	55	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	15.8	-0.4	13	-1	8		38	0	0	
414	ASWÂN	360	13	12	01	1	5	Ac	15.3	-0.8	15	7	13	0	21	0	8	
417	SÎWA	300	6	15	02	0	0	—	18.8	-0.4	8	2	7	0	66	0	23	7
420	BAḤARÎYA	20	2	20	02	0	0	—	18.9	+1.6	14	0	4	-4	39	0	2	7
428	FARAFRA	140	2	15	02	0	0	—	20.1		11	-4	6		35	0	dr	
432	DAKHLA	280	4	16	02	0	0	—	19.9	+2.8	8	-18	5	-4	15	0	1	
435	KHARGA	340	2	10	02	0	0	—	16.4	-0.3	13	-2	7	-3	36	0	3	
450	SUEZ	00	0	20	00	0	2	cu	18.3	+2.2	11	7	5	-6	77	0	28	12
459	ṬÛR																	12
462	HURGHÂDA	320	27	22	02	0	0	—	13.8	-2.2	16	2	12	+1	39	0	dr	
465	QUSEIR	310	10	20	03	0	4	cs	13.9	-1.0	17	1	14	-2	34	0	dr	4
641	PORT SÛDÂN	350	8	10	06	2	7	Sc, Ac	10.8		25	23	24		89	0		
600	WÂDI ḤALFA	300	13	20	03	0	1	ci	16.0		14	-1	11		36	0		
640	ABU ḤAMAD	360	18	20	07	1	4	Ac, ci	10.3		21	-1	18		23	0		
660	KAREIMA	50	11	21	03	0	3	Ac, ci	10.9		19	-5	11		19	0		
680	ʿAṬBARA	50	4	20	02	2	7	Ac, cs	7.7		24	6	23		32	dr		
721	KHARṬOÛM	360	9	18	05	2	7	Ac, As	7.9		25	4	22		26	0		
730	KASSALA	90	3	20	02	2	7	Ac, cs	5.5		28	15	22		45	0		
751	WÂD MEDANI	10	9	20	02	2	8	ci	9.0		25	0	18		19	0		
801	RENK	230	2	20	01	0	4	Ac	10.1		29	7	23		25	0		
802	ROSEIRES	230	2	20	01	2	4	Ac	7.1		28	13	24		40	0		
771	EL OBEID	300	1	18	05	1	6	Ac	8.0		24	1	19		22	0		
760	EL FASHER	10	6	20	02	2	7	cs	10.5		19	0	16		28	0		
770	GENEINA	60	4	30	03	2	7	Ac, cs	12.1		19	-4	16		21	0		
840	MALAKÂL																6	
880	WÂU	270	4	20	02	2	7	Ac, As	8.8		25	20	23		74	9		
941	JUBA	220	2	20	60	6	7	St, Ac	11.9		23	21	21		89	4		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla	
DATE	5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3		5-3	
TIME	15		14		14		13,45		14		14		14		17,30		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	280	21	280	22	300	14	290	12	300	6	320	35	320	8	340	14	280	15	300	13	310	6
600 m.	280	25	250	10	280	17	270	13	300	8	320	58	320	7	340	19	300	16	290	10	310	6
900 m.	290	26	250	22	280	24	250	16	300	10	320	17	310	10	330	20	300	15	310	13	320	8
1200 m.	290	27			250	23	250	17	300	9	320	9	290	16	310	16			310	13	290	23
1500 m.	280	26			250	17	240	20			310	46	270	22	280	26			300	31		
2000 m	280	26					240	22			300	42	260	22	280	30			290	19		
2500 m.	280	25					240	30			260	23	260	76	250	41			310	19		
3000 m	270	23					240	44					270	111	240	62						
3500 m	270	25					240	49							240	65						
4000 m.	240	41					240	56							250	65						

STATION	Kharga		Hurghada				Cairo (A)		Minya		Asyout		Luxor		Siwa		Dakhla		Kharga		Hurghada	
DATE	5-3		5-3				6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3	
TIME	14		14				4		2		2		2		2		4		4		2	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	300	14	340	34			250	24	290	22	310	25	320	23	340	16	330	10	340	12	330	34
600 m.	330	11	330	31			260	25	310	32	320	27	330	22	350	18	340	19	330	24	300	32
900 m	340	12	280	19			290	25	320	30	310	28	330	24	340	17	360	30	340	57	290	19
1200 m.	320	18	260	25			300	27	320	26	320	20	320	26	340	15			350	30	290	31
1500 m.	300	15	250	32					290	13			330	7	340	21					270	28
2000 m.	330	42											320	20	340	27					270	30
2500 m																						
3000 m																						
3500 m.																						
4000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Kharga		Hurghada	
DATE	6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3	
TIME	8		8		8		8,15		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	23	250	28	220	7	280	9	300	7	330	8	310	12	310	20	320	11	350	14	290	27
600 m	340	23	270	30	230	10	310	13	300	11	330	9	320	12	310	25	320	11	130	3	300	25
900 m.			270	37	290	19	310	15	310	18	300	9	320	13	320	17	330	11	330	13	300	30
1500 m.			300	16			310	13			280	9	310	17	330	16	320	9	300	24	300	32
2000 m											280	12	300	19	330	19	320	19				
2400 m													300	23	320	29	320	16				
3000 m													320	20	320	38						
3500 m													300	19								
4000 m																						
4500 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	5-3					5-3					5-3									
TIME	13,45					15					17,30									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	17				25	10				111	18		360	10					
900 mb	130	16		300	14	129	9		280	20	135	18		360	10					
850 mb																				
800 mb																				
750 mb	1478	2		250	17	1445	-2		290	27	1506	9		310	16					
700 mb																				
600 mb	3009	-8		240	30	2956	-12		280	25	3103	5		250	41					
500 mb																				
400 mb	5551	-23		240	56	5434	-31		260	32	5753	-14		250	60					
300 mb	7151	-39		240	78	7988	-37		270	60	7423	-24								
250 mb	9116	-46		240	76	9920	-49				9463	-39								
200 mb						11530	-54				12160	-52								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 6th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather continues to be rather cold all over the Republic. Low clouds increasing over Lower Egypt with scattered rain specially near the coast. Winds mainly moderate to fresh westerly.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 16 U.T. / Sunset 15 57 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 5th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	270	20	18	21	6	6	Cu,Sc,As	16.4	12	3	55
	303	SÎDI BARRÂNI	300	14	16	02	2	7	Sc,Ac,As	14.2	13	4	55
	306	MATRÛḤ (A)	270	19	12	03	2	7	Cu	14.1	15	2	42
	309	EL DAB'AA			20	00	0	5	Ac	13.6	16	-5	24
	319	ALEXANDRIA	310	18	20	01	8	5	Cb	14.8	14	5	55
	318	ALEXANDRIA (A)	270	20	12	02	8	5	Cu,Sc	14.7	15	7	59
	330	DAMIETTA	290	9	10	03	1	6	Cu	14.7	14	5	55
	333	PORT SA'ÎD (A)	270	11	30	02	2	7	Cu,Sc	14.5	16	6	52
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	310	5	10	01	6	4	Cu	15.0	17	4	42
	342	MANŞÛRA	360	5		03	1	5	Cu	15.0	17	4	42
	348	ṬANṬA	240	7	20	03	2	5	Cu	15.6	19	4	37
	360	SHEBÎN EL KÔM	350	9	20	01	1	2	Cu	15.5	17	-3	26
	354	ZAGAZIG	220	1	20	03	1	6	Cu	14.3	17	7	52
	441	ISMA'ILÍA											
CAIRO AREA	366	CAIRO (A)	340	14	16	03	0	5	Cu	14.9	16	-6	22
	372	CAIRO ALMÂZA (A)	270	15	25	03	1	7	Cu	14.9	17	0	32
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	9	10	02	1	5	Cu	15.6	17	2	37
	378	ḤELWÂN	290	12	20	02	2	5	Cu	14.8	16	-5	24
UPPER EGYPT	381	FAYOÛM	390	6	20	03	1	3	Cu,Sc	15.5	18	-1	28
	387	MINYA (A)	320	8	10	02	0	0	—	15.1	19	-7	17
	393	AṢYOÛT (A)	320	5	16	02	0	0	—	15.9	18	-5	20
	399	NAG' HAMÂDI	290	3	10	01	0	2	Ac	15.1	20	-1	24
	402	QENA	290	2	20	00	0	0	—	14.0	21	-3	20
	405	LUXOR (A)	300	10	22	02	0	0	—	14.1	21	-5	17
	414	ASWÂN	340	18	15	02	0	0	—	13.6	22	-10	11
OASES	417	SÎWA	320	18	16	02	0	2	Cu	18.1	16	-1	32
	420	BAḤARÎYA	170	4	20	03	1	4	Ac	16.3	18	4	40
	428	FARAFRA	320	6	20	02	0	0	—	18.6	18	-4	22
	432	DAKHLA	330	9	20	02	0	0	—	12.9	20	3	33
	435	KHARGA	350	3	10	02	0	0	—	14.8	21	-2	21
RED SEA	450	SUEZ	180	7	50	03	0	3	Cu	15.6	18	3	37
	459	TÔR											
	462	HURGHÂDA	350	26	22	12	0	0	—	12.3	19	3	35
	465	QUSEIR	350	9	20	02	0	0	—	12.9	20	3	33
	641	PORT SÛDÂN	50	12	18	05	1	4	Sc,Ci	8.9	28	24	79
NORTH SUDAN	600	WÂDI ḤALFA	360	20	10	07	0	0	—	13.5	24	-2	18
	640	ABU ḤAMAD	310	9	15	06	1	8	Cs	7.1	31	5	19
	660	KAREIMA	20	11	21	03	1	5	Ac,Cs	7.9	32	-4	10
	680	ʿATBARA	360	6	20	02	2	7	Ac,As	4.8	33	7	20
	721	KHARTOÛM	310	7	20	03	2	7	Ac,As	5.4	33	9	23
	730	KASSALA	310	5	20	03	0	7	Ac,Cs	1.2	38	10	18
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	2	8	Ac	2.1	38	3	11
	801	RENK	180	9				7	Ac,As	7.8	33	18	41
	802	ROSEIRES	230	9	20	01	1	3	Cu	2.9	36	14	27
	771	EL OBEID	360	6	20	03	2	7	Ac,As	5.0	33	0	12
	760	EL FASHER	130	11	13	05	2	7	Ac,Cs	4.5	34	-5	8
	770	GENEINA	60	1	30	01	2	1	Ac,Cs	5.5	33	-5	8
S. SÛDÂN	840	MALAKÂL	200	8	20	03	9	7	Cu,Ac	9.9	25	21	79
	880	WÂU	160	9	20	01	2	6	Cu,Ac	7.7	29	20	59
	941	JUBA	270	4	20	02	2	7	As,As	7.5	30	20	55

At 1800 on 5th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	270	22	10	01	1	4	Sc	16.5	10	1	16	-4	54	0.2
SÎDI BARRÂNI	360	24	12	81	8	7	Cb	14.8	12	4	16		59	3
MATRÛḤ (A)	280	16	14	60	6	7	Sc	14.5	7	2	16		71	2
EL DAB'AA				00	6	6	Cu	14.1	10	6	17		76	1
ALEXANDRIA	310	20	20	60	6	7	Cu,Sc	13.9	12	5	16	-4	63	5
ALEXANDRIA (A)	280	26	10	95	8	8	Cb	14.1	10	8	15	-5	88	8
DAMIETTA	290	5		00	1	0	—	14.3	13	7	14	-5	67	0
PORT SA'ÎD (A)	290	8	18	02	1	3	Cu,Sc	13.8	14	5	18	-1	55	0
EL 'ARISH														
DAMANHÛR	230	2		03	0	3	Cu	13.9	10	6	18	-4	76	0.1
MANŞÛRA	00	0		00	0	0	—	13.8	13	7	17	-5	67	0
ṬANṬA	00	0	20	01	1	2	As	15.0	9	7	20	-3	88	0
SHEBÎN EL KÔM	250	2	10	01	1	2	Sc	15.4	11	1	18		51	0
ZAGAZIG	220	1	10	02	0	0	—	13.9	14	8	19	-4	67	0
ISMA'ILÍA														
CAIRO (A)	310	8	16	02	2	5	Sc,Ac	16.0	14	-4	18		29	0
CAIRO ALMÂZA (A)	250	10	15	01	0	2	Sc,Cu	14.3	14	0	17	-5	39	0
CAIRO EZBEKÎYA											21	-3		
GIZA	320	6	10	01	1	1	Sc	14.7	12	7	19	-4	72	0
ḤELWÂN	270	6	10	02	1	4	Ac	14.4	14	-5	18	-5	27	0
FAYOÛM	230	4	20	01	0	0	—	14.6	13	8	21	-3	72	0
MINYA (A)	320	4	8	07	0	0	—	14.9	12	-3	20	-3	36	0
AṢYOÛT (A)	270	4	12	02	0	0	—	16.3	13	-6	19	-5	26	0
NAG' HAMÂDI	290	1		01	0	2	Ac	15.4	14	3	21	-4	48	0
QENA	270	2		00	0	0	—	15.9	13	1	21	-8	41	0
LUXOR (A)	280	4	12	02	0	0	—	14.9	14	0	22		39	0
ASWÂN	350	8	12	02	0	0	—	14.7	17	-7	23	-6	19	0
SÎWA	350	18	14	01	1	2	NS	18.3	14	1	17	-7	42	0
BAḤARÎYA	320	3	10	02	0	0	—	17.1	12	2	19	-5	51	0
FARAFRA	320	4	12	02	0	0	—	20.0	12	-6	18		28	0
DAKHLA	340	11	9	02	0	0	—	18.4	14	-5	20	-7	27	0
KHARGA	340	2	8	02	0	0	—	15.1	15	-8	21	-6	20	0
SUEZ	00	0	10	01	0	1	Cu	14.4	16	-5	20	-3	24	0
TÔR														
HURGHÂDA	320	17	10	02	0	0	—	13.1	16	0	20	-2	34	0
QUSEIR	320	8	20	02	0	0	—	13.3	18	6	22	-2	46	0
PORT SÛDÂN	350	13	20	60	6	6	Sc	10.0	26	23	29		84	dr
WÂDI ḤALFA	360	11	16	02	0	0	—	15.2	18	-1	25		28	0
ABU ḤAMAD	360	13	20	01	2	4	Ci	9.7	23	-1	31		20	0
KAREIMA	20	13	20	02	1	3	Ci	10.5	25	-7	33		12	0
ʿATBARA	10	8	20	01	2	5	Ac	6.6	29	3	36		19	dr
KHARTOÛM	310	6	20	01	9	7	Ac,Cs	7.1	29	7	34		25	dr
KASSALA	20	4	20	01	2	5	Ac	4.7	21	13	39		61	0
WÂD MEDANI														
RENK														
ROSEIRES											37			
EL OBEID	360	6	20	13	2	7	Cb,Ac,Ci	6.4	29	-1	33		14	0
EL FASHER	70	7	15	05	2	7	Ac,Cs	6.7	29	-3	35		12	0
GENEINA	330	7	50	01	1	1	Ac,Ci	6.0	29	-2	35		12	0
MALAKÂL	50	1	20	01	2	8	Ac,Cs	10.0	24	21	26		84	7
WÂU	170	4	20	02	2	7	Cs	7.8	27	21	30		70	0
JUBA	180	5	20	01	2	6	Sc,Ac	6.4	27	21	32		70	0

At 0600 on WEDNESDAY 6th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	110	15	18	02	0	0	—	18.9	+2.4	9	1	6	-4	58	0.2	228	
SÎDI BARRÂNI	330	18	15	03	0	8	Cu,Sc	17.5		12	3	6		55	4	218	
MATRÛḤ (A)	240	13	14	02	2	7	Cu	17.3	+0.6	10	8	7		88	2	231	
EL DAB'AA			10	01	0	7	Cu	16.1		13	7	7		67	7	160	
ALEXANDRIA	310	24	20	80	8	4	Cb	15.0	-1.4	11	7	8	-4	77	9	240	172
ALEXANDRIA (A)	340	20	10	80	8	6	Cu,Sc	14.6	-2.2	13	7	8	-3	67	14	218	134
DAMIETTA	220	9		03	5	3	Cb	13.4	-2.7	10	9	5	-5	94	dr	195	93
PORT SA'ÎD (A)	50	14	12	03	8	3	Cb	12.9	-3.6	10	7	8	-5	82	1		
EL 'ARISH																	
DAMANHÛR	310	2		02	8	4	Cb	14.7	-1.6	12	8	6	-3	77	11	121	85
MANŞÛRA	220	7		01	1	3	Sc,Cu	14.7	-1.6	10	6	6	-3	76	0	58	42
ṬANṬA	220	5	20	01	1	2		15.9	-0.9	10	6	6	-2	76	0	71	33
SHEBÎN EL KÔM	250	5	10	01	1	1	Cu	15.8	-1.0	11	7	7		77	0	53	
ZAGAZIG	220	2	10	02	0	0	—	15.3	-1.3	10	6	6	-2	76	0	45	22
ISMA'ILÍA																	
CAIRO (A)	280	15	15	02	0	3	Sc	16.1		10	3	8		62	0.1	46	
CAIRO ALMÂZA (A)	220	16	20	01	0	2	Sc,Cu	16.2	-1.1	10	4	8	-2	67	0	51	
CAIRO EZBEKÎYA										11	4	8	-2	63	0	40	19
GIZA	290	8	8	03	—	2	Sc	17.2	+0.3	10	4	7	0	67	0	46	19
ḤELWÂN	220	3	3	05	1	4	Ac	17.5	+0.6	7	2	6	-4	71	0	32	20
FAYOÛM	270	6	20	01	0	1	As,Sc	18.3	+1.7	10	3	5	-4	62	0	16	7
MINYA (A)	320	4	8	02	0	0	—	18.6	+0.5	8	-1	5	-2	54	0	2	
AṢYOÛT (A)	280	5	10	02	0	0	—	20.2	+3.1	9	-4	6	-2	40	0	dr	
NAG' HAMÂDI	00	0		01	0	2	Ac	19.4	+3.0	13	1	6	-2	44	0	1	
QENA	290	2	10	00	0	0	—	19.1	+3.6	13	4	3	-7	55	0	dr	
LUXOR (A)	270	6	22	02	0	0	—	18.8	+2.7	13	1	8		44	0	0	
ASWÂN	360	7	12	02	0	0	—	19.2	+3.2	12	-4	9	-4	33	0	8	
SÎWA	280	6	15	02	0	0	—	20.7	+2.4	6	1	4	-3	71	0	23	7
BAḤARÎYA	290	6	10	02	0	0	—	19.9	+2.7	8	4	5	-3	76	0	2	7
FARAFRA	310	4	6	02	0	0	—	22.7		9	-3	5		44	0	dr	
DAKHLA	290	3	10	02	0	0	—	22.7	+5.7	7	-10	4	-5	29	0	1	
KHARGA	00	0	12	02	0	0	—	19.5	+2.9	12	-4	6	-4	33	0	3	
SUEZ	180	7	20	00	0	2	Cu	16.7	+0.6	14	3	7	-4	48		28	13
TÔR																	12
HURGHÂDA	320	19	20	03	0	1	Cu	16.2	+0.3	15	-4	8	-3	27	0	dr	
QUSEIR	290	12	20	03	0	2	Ci	15.1	+0.3	16	-5	11	-5	24	0	dr	4
PORT SÛDÂN	340	12	20	03	1	7	Sc	12.1		24	19			74	dr		
WÂDI ḤALFA	10	15	20	03	0	1	Ci	20.2		12	-4	9		33	0		
ABU ḤAMAD	360	24	05	31	3	7	Ac,Cs	15.4		16	-3	15		28	0		
KAREIMA	20	15	18	07	2	7	Cs	15.8		17	-5			22	0		
ʿATBARA	350	15	12	07	2	7	Ac,As	12.2		19	-8	19		18	19		
KHARTOÛM																	
KASSALA																	
WÂD MEDANI																	
RENK	230	2	20	03	2	6	Ac	10.1		28	15			45	0		
ROSEIRES																	
EL OBEID	350	15	5	05	2	7	Ac,As	13.2		21	-4	20		18	dr		
EL FASHER	10	11	29	06	2	7	Ac,As	12.1		20	-4	19		19	0		
GENEINA	50	14	20	06	2	7	Ac,As	13.5		19	-9	18		15	0		
MALAKÂL	50	4	20	21	2	7	Ac	12.1		24	20	21		79	7		
WÂU	310	2	20	02	2	7	As,As	10.0		23	19	22		79	0		
JUBA	180	3	20	02	1	6	Cu,As	10.7		26	22	24		79	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Matruh		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3		6-3	
15		14		13 45		14		14		14		15		14		14		14		14	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300	21	280	25	280	15	300	30	310	16	310	12	340	13	310	10	300	21	320	10	340	10
300	21	280	31	280	23	300	31	320	12	320	13	330	17	300	17	300	17	320	12	320	6
300	20	290	33	280	24	300	51	320	19	300	3	320	18	300	16	280	10	320	11	330	5
320	18	280	30	280	23	310	23	320	27	320	5	320	18	320	10	270	8	310	14	320	23
330	21	270	35	280	24	310	16	320	38	40	2	310	18	320	17	310	6	310	16	320	24
320	18			280	25	300	11			360	3	290	20	320	20	320	24	310	13		
320	16			290	30	300	16			330	7	270	29	300	17	310	26	320	21		
310	26			300	47	300	49					260	41			300	38	310	28		
300	26			300	55							260	45								
300	39			290	61							250	60								

Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor				Farafra		Dakhla		Kharga		Hurghada	
6-3		6-3				7-3		7-3		7-3				7-3		7-3		7-3		7-3	
14		14				2		2		2				8		8		8		8	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
360	13	350	25			320	17	270	9	340	11			260	5	150	3	30	4	320	16
360	19	330	25			320	28	290	10	350	22			310	9	80	5	10	9	310	18
20	16	300	30			320	27	280	19	350	13			300	4	50	8	10	6	300	15
340	23	290	31			300	30	270	20	340	15			350	4	40	15	330	13	280	13
350	40	260	36							310	23					340	10	300	17	300	11
350	22									300	24					340	12	290	17	300	17
																310	10	300	21	290	10

Sallaum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya	
7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3	
8		8		8		8		8		8		8		8		8		8		8	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
260	10	270	17	280	16	280	15	270	19	250	22	140	2	320	3	340	9			280	3
280	9	270	19	290	15	280	27	280	15	290	12	290	5	330	7	350	9	300	20	270	4
280	8	270	16	310	17	280	26	280	16	280	15	310	10	330	9	330	12	280	8	280	11
280	6			300	23			290	21			320	8			330	11	280	9	340	16
								290	23			320	14			320	13	290	10	350	17
												310	16			330	16	290	10	340	12
												300	17			320	13	280	15	320	11
																310	47	290	20	300	19
																310	27	290	20		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

Cairo (A)					Matruh					Aswan										
6-3					6-3					6-3										
13,45					15					15										
ALT. m	TEMP. °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
70	15				25	15				111	20		360	14					
146	15		320	5	147	14		300	20	161	18		360	14					
1468	0		280	23	1485	3		320	18	1519	6		320	18					
3019	-8		290	30	3023	-5		320	16	3009	0		270	29					
5555	-24		290	55	5570	-24		300	26	5690	-20		250	43					
7144	-36		290	63	7158	-36		300	46	7320	-29		250	92					
9081	-50		290	85	9094	-50		290	60	9309	-41		250	103					
					11660	-58				11980	-54		250	138					

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 7th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous " on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " " sky discernible
43 " " " not "
(42–43: has become thinner during preceding hour)
44 " " " discernible
45 " " " not "
(44–45: no change during preceding hour)
46 " " " discernible
47 " " " not "
(46–47: has begun or become thicker during last hour)
48 " depositing rime, sky discernible
49 " " " " " not "

50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain — slight
88 or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or — slight
90 rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues below normal all over the Republic. Moderate NWly winds. Low clouds over Lower Egypt and Cairo increasing on coast where another rain is expected in scattered places, extending at times inland. There are some indications of a generally gradual improvement in weather.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 15; Sunset 15 58

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	290	16	18	02	2	6	St	18.5	17	3			39	
	303	SÎDI BARRÂNI	290	17	16	03	2	8	cu, Sc, As	17.6	15	7			59	
	306	MATRÛḤ (A)	300	23	15	03	2	6	cu	16.7	16	6			52	
	309	EL ḌAB'AA			20	00	1	6	Ac	15.8	15	7			39	
	319	ALEXANDRIA	310	18	20	03	5	7	cu, Sc	16.3	14	8			67	
	318	ALEXANDRIA (A)	320	15	5	03	8	6	cu, Sc	15.9	15	8			63	
	330	DAMIETTA	220	5		03	6	7	cu	14.0	13	9			77	
	333	PORT SA'ID (A)	310	26	15	25	8	5	Cb, cu	14.0	16	7			56	
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	290	5	10	01	6	4	cu	15.5	16	5			49	
	342	MANṢÛRA	320	5		03	6	5	Sc, cu	15.4	14	8			67	
	348	ṬANṬA	310	8	20	03	2	5	cu	16.4	16	5			49	
	360	SHEBÎN EL KÔM	250	5	20	01	6	3	Cb	15.5	15	7			59	
	354	ZAGAZIG	320	1	20	03	1	7	cu	15.3	14	8			67	
	441	ISMA'ILÍA														
CAIRO AREA	366	CAIRO (A)	340	15	14	01	8	5	cu, Sc	16.8	16	4			45	
	372	CAIRO ALMÂZA (A)	270	13	20	03	1	6	cu, Sc	15.5	16	4			45	
	374	CAIRO EZBEKÎYA														
	375	GIZA	330	13	10	80	8	7	cu	15.5	15	8			63	
	378	ḤELWÂN	320	11	10	02	2	7	Sc, cu	18.9	16	3			42	
UPPER EGYPT	381	FAYOÛM	270	9	20	03	2	6	cu, Sc	16.8	19	5			40	
	387	MINYA (A)	320	11	10	03	0	3	cu	16.5	20	-3			21	
	393	AṢYOÛṬ (A)	280	5	22	02	0	1	cu	18.0	17	-1			30	
	399	NAG' ḤAMÂDI	290	3	10	01	0	3	Ac, Cs	17.5	19	1			30	
	402	QENA	290	4	20	00	0	0	—	16.7	19	1			30	
	405	LUXOR (A)	330	9	16	02	0	0	—	16.7	19	-5			19	
	414	ASWÂN	360	10	14	02	0	0	—	16.5	20	-7			16	
OASES	417	SÎWA	300	14	16	02	0	0	—	20.0	16	-2			36	
	420	BAḤARÎYA	290	8	20	03	1	4	Sc	18.3	18	7			49	
	423	FARAFRA	320	5	20	02	0	0	—	21.5	17	-8			18	
	432	DAKHLA			21	02	0	0	—	19.5	18	-5			20	
	435	KHARGA	350	3	20	02	0	0	—	17.4	20	-5			18	
RED SEA	450	SUEZ	310	10	50	03	0	5	cu	15.6	18	-1			28	
	459	TÔR														
	462	HURGHÂDA	350	20	20	02	0	0	—	14.9	19	1			30	
	465	QUSEIR	350	12	20	02	0	0	—	14.1	21	-8			14	
	641	PORT SÛDÂN	350	13	16	21	6	7	Sc	14.6	23	19			79	
NORTH SUDAN	600	WÂDI ḤALFA	20	10	20	02	0	2	Ac	17.1	21	-1			23	
	640	ABU ḤAMAD	360	18	4	07	3	8	Cs	12.2	24	-3			17	
	660	KAREIMA	30	14	4.8	07	2	7	Cs	13.0	25	-9			10	
	680	'AṬBARA	10	15	10	07	3	6	Ac	9.2	29	-6			10	
	721	KHARṬOÛM	330	11	20	03	2	7	Ac, Cs	9.8	29	1			17	
	730	KASSALA	280	1	20	02	2	7	Ac, As	7.9	29	5			22	
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	2	8	Sc	10.0	26	-2			16	
	801	RENK	360	9	20	02	1	4	Ac	9.2	34	8			20	
	802	ROSEIRES	230	5	20	02	2	6	cu	4.6	35	12			25	
	771	EL OBEID	30	12	18	05	2	7	Ac, Cs	9.4	28	-6			10	
	760	EL FASHER	90	8	9	06	2	7	Ac, Cs	9.3	28	2			19	
	770	GENEINA	90	4	20	05	1	5	Ac	8.7	30	-1			13	
S. SÛDÂN	840	MALAKÂL	350	7	20	17	9	7	Cb, Ac, Cs	10.7	26	21			74	
	880	WÂU	240	5	20	01	[illegible]	[illegible]	[illegible]	7.[illegible]	31	16			41	
	941	JUBA	200	1	20	03	2	6	Cb	5.3	34	17			36	

At 1800 on 6th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	230	12	10	02	0	4	Sc	18.5	13	6	18	-2	63	0
SÎDI BARRÂNI	320	18	14	02	2	5	Sc	15.8	14	6	16		59	0
MATRÛḤ (A)	250	11	14	02	2	5	cu	17.6	13	8	16		72	0
EL ḌAB'AA				00	0	4	Ac, ci	15.9	13	4	15		55	1
ALEXANDRIA	310	18	20	01	5	4	cu, Sc	16.7	14	5	16	-5	55	0.4
ALEXANDRIA (A)	290	15	10	01	2	4	cu, Sc	16.6	14	6	16	-4	59	0.3
DAMIETTA	200	2		00	6	0	—	15.8	12	8	13	-6	77	2
PORT SA'ID (A)	270	18	14	02	8	3	Cb	15.7	13	8	17	-2	72	0.2
EL 'ARISH														
DAMANHÛR	310	9		03	6	6	Cb	16.2	11	9	17	-5	88	2
MANṢÛRA	340	3		01	1	3	Sc, cu	16.4	12		17	-5		4
ṬANṬA	20	0	20	02	0	0	—	17.5	10	8	18	-5	88	0
SHEBÎN EL KÔM	250	2	10	01	6	2	Sc	17.0	11	7	17		77	2
ZAGAZIG	220	1	10	01	2	4	cu	16.6	12	10	19	-4	88	3
ISMA'ILÍA														
CAIRO (A)	340	5	12	01	8	0	—	17.7	12	7	17		72	ds
CAIRO ALMÂZA (A)	290	6	15	01	2	0	—	17.4	13	7	18	-4	67	ds
CAIRO EZBEKÎYA											20	-4		
GIZA	360	3	10	01	8	0	—	18.2	12	8	18	-5	77	ds
ḤELWÂN	320	7	10	01	2	2	Sc, cu	17.8	12	5	17	-6	63	0
FAYOÛM	360	6	20	02	2	6	cu, Sc	17.8	14	7	20	-4	63	0
MINYA (A)	300	7	8	02	1	0	—	17.1	13	-2	20	-3	36	0
AṢYOÛṬ (A)	290	5	12	02	0	0	—	18.9	13	1	18	-6	38	0
NAG' ḤAMÂDI	00	0		01	0	2	As	17.9	14	3	20	-5	48	0
QENA	270	1				0	—	17.4	14	3	20	-9	48	0
LUXOR (A)	260	2	12	02	0	0	—	18.1	13	1	20		44.4	0
ASWÂN	360	10	12	02	0	0	—	17.8	16	-10	21	-8	16	0
SÎWA	280	7	14	01	0	0	—	19.2	12	2	17		51	0
BAḤARÎYA	270	3	10	02	1	0	—	19.1	11	0	19	-5	47	0
FARAFRA	280	4	12	02	0	0	—	21.6	12	-5	18		31	0
DAKHLA	320	11	10	02	0	0	—	20.3	14	-10	19	-8	18	0
KHARGA	00	0	8	02	0	0	—	17.9	13	-2	20	-7	36	0
SUEZ	310	9	10	01	0	2	cu	18.7	15	4	19	-4	48	0
TÔR														
HURGHÂDA	330	17	10	02	0	0	—	16.2	17	1	20	-2	34	0
QUSEIR	320	8	20	02	0	0	—	16.4	17	4	22	-2	42	0
PORT SÛDÂN	330	6	20	17	9	8	Sc	13.9	22	17	25		74	ds
WÂDI ḤALFA	360	13	20	02	0	0	—	17.6	17	-1	23		30	0
ABU ḤAMAD	360	9	20	01	2	7	Ac, As	14.3	19	-7	24		17	0
KAREIMA	10	7	21	01	2	5	Ac, Cs	14.8	21	-8	26		14	0
'AṬBARA	350	12	20	01	2	5	Ac, ci	12.0	23	-14	30		8	0
KHARṬOÛM	340	9	20	13	2	7	Cb, Ac, Cs	11.5	25	-5	30		14	0
KASSALA	00	0	20	01	6	7	Ac, As	13.1	23	8	29		38	ds
WÂD MEDANI											30			
RENK											34			
ROSEIRES											36			
EL OBEID	360	10	20	02	2	7	Ac, Cs	11.3	25	-5	29		14	ds
EL FASHER	50	10	10	06	2	7	Ac, Cs	10.0	25	1	30		21	0
GENEINA											32			0
MALAKÂL	360	2	18	95	9	8	Cb, As	12.2	21	20	29		94	5
WÂU											33			0
JUBA	90	6	20	95	9	7	Cb, Ac, As	6.4	27	19	35		62	ds

At 0600 on THURSDAY 7th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	270	18	18	02	0	0	—	17.5	+1.0	10	5	8	-2	71	0	228	
SÎDI BARRÂNI	330	10	16	02	2	4	Sc	16.9		9	7	7		88	0	218	
MATRÛḤ (A)	250	13	16	01	1	2	Sc, cu	17.4	+0.7	11	8	7		82	0	231	
EL ḌAB'AA			10	00	0	3	ci	16.3		11	7	7		77	1	161	
ALEXANDRIA	230	16	20	01	6	2	cu	16.8	+0.4	15	7	13	+1	39	0.6	240	173
ALEXANDRIA (A)	300	15	14	01	2	4	cu	16.3	-0.5	15	8	13	+2	63	0.3	218	134
DAMIETTA	200	2	10	00	6	0	—	16.6	+0.5	10	8	5	-5	88	3	198	93
PORT SA'ID (A)	250	14	10	02	0	1	Cb	16.1	-0.4	12	8	10	-3	77	1		
EL 'ARISH																	
DAMANHÛR	310	2		03	0	4	cu	16.6	+0.3	13	11	6	-3	88	2	123	85
MANṢÛRA	220	3		03	1	4	Sc, cu	16.8	+0.6	11	7	7	-2	77	4	62	42
ṬANṬA	220	5	20	02	0	0	—	18.1	+1.2	11	7	6	-2	77	0	71	33
SHEBÎN EL KÔM	200	2	10	01	1	2	cu	17.4	+0.7	11	7	8		77	2	55	
ZAGAZIG	220	1	10	03	1	5	cu	17.0	+0.4	10	6	6	-2	76	3	48	22
ISMA'ILÍA																	
CAIRO (A)	240	8	14	03	1	7	Sc, Ac	17.9		11	5	9		67	ds	46	
CAIRO ALMÂZA (A)	200	9	12	03	0	7	Sc	17.9	+0.7	12	4	9	-1	59	ds	51	
CAIRO EZBEKÎYA										11	5	9	-1	67	ds	40	19
GIZA	180	4	8	03	—	7	Sc	18.4	+1.5	11	7	7	0	77	ds	46	19
ḤELWÂN	200	2	10	02	2	8	Sc, cu	18.9	+2.1	9	4	8	-2	71	0	32	20
FAYOÛM	200	4	20	02	1	4	St	19.5	-2.9	13	5	6	-3	59	0	16	7
MINYA (A)	220	2	9	02	0	0	—	19.1	+1.0	9	-2	5	-2	47	0	2	
AṢYOÛṬ (A)	240	5	12	02	0	0	—	21.0	+4.0	10	-5	8	0	35	0	ds	
NAG' ḤAMÂDI	00	0		00	0	0	—	20.4	+4.1	11	1	5	-3	51	0	1	
QENA	00	0	10	00	0	0	—	20.3	+4.9	13	4	8	-2	55	0	ds	
LUXOR (A)	190	3	22	02	0	0	—	20.0	+4.0	12	-1	5		41	0	0	
ASWÂN	00	0	12	02	0	0	—	20.2	+4.4	12	0	6	-8	44	0	8	
SÎWA	00	0	16	02	0	0	—	19.2	+0.9	7	2	5	-2	71	0	23	7
BAḤARÎYA	220	3	10	02	0	0	—	19.9	+2.7	9	1	4	-4	58	0	2	7
FARAFRA	260	2	15	02	0	0	—	21.9		6	-9	1		33	0	ds	
DAKHLA	180	1	12	02	0	0	—	21.9	+4.9	6	-12	2	-7	26	0	1	
KHARGA	00	0	10	02	0	0	—	19.6	+3.1	10	1	5	-5	54	0	3	
SUEZ	180	7	20	00	0	2	cu	18.2	+2.2	16	5	7	-4	49	0	28	13
TÔR																	12
HURGHÂDA	300	17	22	02	0	1	Sc, cu	17.6	+1.7	16	-1	8	-3	32	0	ds	
QUSEIR	270	6	20	02	0	1	Sc, cu	18.0	+3.2	17	-3	12	-4	26	0	ds	4
PORT SÛDÂN	330	13	20	17	9	8	Sc	15.7		21	17	19		78	7		
WÂDI ḤALFA	20	8	20	02	0	0	—	20.1		11	-1	5		44	0		
ABU ḤAMAD	360	18	20	07	1	1	Ac	16.4		15	-5	12		25	0		
KAREIMA	60	5	21	02	0	0	—	17.0		14	-3	12		32	ds		
'AṬBARA	350	14	20	02	2	7	Ac, ci	13.8		19	-8	16		16	ds		
KHARṬOÛM	360	9	20	02	2	7	Ac, As	14.0		24	-7	17		13	ds		
KASSALA	310	5	20	60	6	8	ci	9.8		21	10	19		50	ds		
WÂD MEDANI	360	9	10	50	5	8	St	14.6		17	5	15		46	ds		
RENK	360	9	20	02	1	6	Ac	13.7		23	3	21		27	0		
ROSEIRES	310	5	20	02	2	8	As	11.9		24	5	22		30	0		
EL OBEID	40	5	8	61	6	8	Sc, Ac, As	15.9		15	9	15		68	2		
EL FASHER	360	7	10	06	2	7	Ac, As	15.2		17	-7	16		19	0		
GENEINA	50	12	30	02	0	0	—	14.5		17	-13	15		12	0		
MALAKÂL	100	4	20	02	2	8	Ac	11.9		24	5	22		30	0		
WÂU	50	5	20	02	2	7	Ac, As	10.3		24	19	21		76	0		
JUBA	340	2	24	02	9	7	St, As	10.9		21	20	19		94	18		

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharcya		Farafra	
DATE	7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3		7-3	
TIME	14		15		14		14		14		14		14		15		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	290	15	310	8	260	6	300	10	350	5	310	6	320	5	360	13	280	20	330	8	320	2
600 m.	280	9	270	12	280	9	290	9	340	9	310	8	330	9	340	17	280	16	310	10	320	2
1000 m.	260	20	250	14	290	12	280	10	320	12	320	8	330	8	340	25	270	14	300	8	300	3
1500 m.	270	15	270	13	280	20	270	17	320	10	330	8	330	9	340	24	300	16	270	7	320	2
2100 m.	270	17	260	18	270	9	280	18	300	16	330	8	330	10	340	18	290	3	290	8	20	3
2400 m.	270	19	270	16			290	23	320	19			320	13	340	17	280	7	310	10	30	[illegible]
3000 m.			270	16			290	32	320	20			310	18	320	12	300	17	310	16	[illegible]	[illegible]
4000 m.			280	25			300	35	300	23					280	16	270	17	300	23	320	10
5000 m.			280	54			300	38	290	26					270	17	260	20	210	29	310	13
6000 m.							300	44							280	36	280	30				

STATION	Dakhla		Kharga		Hurghada				Alex. (A)		Cairo (A)		Luxor				Dakhla		Kharga		Hurghada	
DATE	7-3		7-3		7-3				8-3		8-3		8-3				8-3		8-3		8-3	
TIME	14		14		14				2		4		2				8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	360	10	350	7	360	19			190	9			80	4			100	8	40	12	350	6
600 m.	360	13	340	5	340	13			200	9			20	12			90	14	50	9	20	5
1000 m.	360	17	350	4	300	16			210	12	200	14	30	17			100	10	60	15	110	3
1500 m.	40	15	320	9	270	19			220	16	180	11	10	6			270	2	80	12	30	3
2100 m.			330	14	310	17					30	17	360	5					110	6	220	3
2400 m.			310	11	300	19					240	32									150	3
3000 m.			310	19																		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Baharcya		Farafra	
DATE	8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3	
TIME	8		8		8		8		8		8, 15		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED
300 m.	210	15	220	15	330	8	220	14	200	13	100	6	80	9	30	12	140	13	140	4	210	4
600 m.	250	13	200	7	340	16	240	17	210	9	100	8	70	10	30	11	140	14	140	3	220	7
1000 m.	230	9	200	13	300	3	280	23	230	9	50	5	70	8	30	6	150	17	150	8	210	13
1500 m.	70	3	200	14			300	6	280	8	160	3			70	12	200	5	150	9	220	10
2100 m.			200	21			240	13	300	15	250	5			80	17	190	6	210	9	200	10
2400 m.							230	13	300	15	250	6			90	15	220	14	230	13	200	10
3000 m.							230	13	240	10	280	12					200	15	230	14		
4000 m.									260	30	250	13					200	12	240	12		
5000 m.									240	22	270	16							260	16		
6000 m.																			270	19		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	7-3					7-3					7-3									
TIME	14					15					15									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM. %	WIND DIR	WIND SPEED
Surface	70	19				25	16				111	21		360	10					
1000 mb.	156	19		310	11	148	15		330	6	161	21		360	10					
950 mb.																				
900 mb.																				
850 mb.	1521	5		270	17	1497	5		270	13	1526	8		340	24					
800 mb.																				
700 mb.	3069	-5		290	32	3047	-5		270	16	3109	1		320	12					
600 mb.																				
500 mb.	5630	-22		300	37						5724	-13		280	24					
400 mb.	7227	-34		310	65						7406	-28		290	41					
300 mb.	9187	-47		300	83						9408	-42		270	49					
200 mb.	11830	-49									12120	-50								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 8th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature all over the Republic. Some high clouds over Lower Egypt and Cairo. Moderate SWly winds. In Upper Egypt: Light NWly winds and clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 ..... 14 .... U.T.
" " Sunset 15 ..... 29 .... U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 7th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
SALLOÛM	260	10	18	02	0	3	CS	16.5	21	-4	18
SÎDI BARRÂNI	310	16	18	02	1	0	—	16.6	17	8	56
MATRÛḤ (A)	310	18	16	02	0	0	—	17.2	17	4	42
EL ḌAB'AA			18	00	0	4	Ac	16.6	17	7	52
ALEXANDRIA	270	18	20	03	0	5	Cu,Sc	17.2	17	9	60
ALEXANDRIA (A)	270	21	12	03	2	6	Cu,Sc	16.8	18	9	56
DAMIETTA	320	5	20	03	1	4	Cu	15.9	17	9	60
PORT SA'ID (A)	270	11	20	01	6	3	Cb	16.4	18	10	60
EL 'ARISH											
DAMANHÛR	310	9	10	02	1	4	Cu	16.6	18	8	52
MANṢÛRA	360	5		03	1	5	Cu	16.0	20	6	41
ṬANṬA	270	10	20	03	2	5	Cu	17.1	19	9	52
SHEBÎN EL KÔM	290	5	20	01	1	3	Cu	17.1	20	3	33
ZAGAZIG	220	1	20	03	1	6	Cu	16.6	21	12	57
ISMA'ILÍA											
CAIRO (A)	320	14	20	02	1	5	Cu	16.8	19	4	37
CAIRO ALMÂZA (A)	270	14	25	03	2	6	Cu	16.8	20	2	30
CAIRO EZBEKÎYA											
GIZA	270	5	10	01	2	5	Cu,Sc	17.5	20	6	41
ḤELWÂN	270	6	20	02	2	6	Cu	17.4	19	1	30
FAYOÛM	360	4	20	01	1	2	St	18.6	21	7	41
MINYA (A)	320	7	12	01	0	0	—	18.5	20	0	26
AṢYOÛṬ (A)	320	8	18	02	0	0	—	18.4	19	-2	24
NAG' ḤAMÂDI	00	0	10	01	0	2	Cu,Sc	17.4	21	14	65
QENA	270	1	20	00	0	0	—	17.8	20	6	41
LUXOR (A)	330	8	22	02	0	0	—	16.8	21	-2	21
ASWÂN	360	6	16	02	0	0	—	16.8	21	-7	15
SÎWA	280	9	16	02	0	0	—	18.5	20	8	46
BAḤARÎYA											
FARAFRA	00	0	20	02	0	0	—	19.6	21	2	29
DAKHLA	20	3	22	00	0	0	—	19.1	18	-1	28
KHARGA	40	2	15	02	0	0	—	17.8	21	-1	23
SUEZ	180	7	50	03	0	5	Cb	17.2	19	7	46
TÔR											
HURGHÂDA	350	16	22	01	0	0	—	16.5	20	4	35
QUSEIR	30	8	20	02	0	0	—	16.4	19	4	37
PORT SÛDÂN	60	12	20	01	2	7	Sc	13.2	25	15	54
WÂDI ḤALFA	350	13	20	02	0	0	—	16.2	22	-1	21
ABU ḤAMAD	20	9	22	03	0	1	Ac	12.2	26	-7	11
KAREIMA	70	9	21	03	0	4	Sc	12.7	25	-9	10
ʿATBARA	340	9	20	01	2	5	CS	9.4	29	3	19
KHARṬOÛM	40	6	20	03	2	7	Cu,Ac,Ci	9.8	28	2	19
KASSALA	310	5	20	02	2	5	Ci	7.5	26	18	58
WÂD MEDANI	270	5	10	50	5	8	As	11.8	20	12	60
RENK	50	5	20	02	1	6	Ac	10.2	30	9	38
ROSEIRES											
EL OBEID	90	2	20	02	6	7	Ac	10.9	22	4	31
EL FASHER											
GENEINA	00	0	30	01	1	2	Ac	7.5	30	3	18
MALAKÂL	60	2	20	03	2	7	Ac,Cs	7.4	31	8	24
WÂU	90	3	20	01	2	6	Cu,Ac	5.7	32	18	43
JUBA	360	2	24	02	2	7	Cu,Ci	6.6	29	21	62

At 1800 on 13th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Maximum Today	Temperatures °C Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	16	02	0	0	—	16.0	15	7	22	+2	59	0
SÎDI BARRÂNI	90	8	16	02	0	0	—	15.8	12	6	18		67	0
MATRÛḤ (A)	00	0	15	01	0	0	—	17.0	12	7	16		72	0
EL ḌAB'AA	00	0		00	0	0	—	16.8	12	8	17		77	0
ALEXANDRIA	310	3	20	01	1	0	—	16.6	15	9	18	-3	68	0
ALEXANDRIA (A)	320	9	12	01	0	0	—	16.4	14	8	18	-2	67	0
DAMIETTA	320	2		00	1	0	—	17.2	15	11	17	-2	77	0
PORT SA'ID (A)	290	11	12	01	8	1	Sc	17.1	15	9	19	.	68	0.2
EL 'ARISH														
DAMANHÛR	330	2	10	01	1	1	Ci	17.0	13	9	20	-2	77	0
MANṢÛRA	00	0		00	0	0	—	17.1	14	8	20	-2	67	0
ṬANṬA	00	0	20	02	0	0	—	17.8	11	9	22	-1	88	0
SHEBÎN EL KÔM	290	2	10	01	1	2	Sc	17.8	12	5	21		63	0
ZAGAZIG	180	1	10	02	0	0	—	16.6	13		22	-1		0
ISMA'ILÍA														
CAIRO (A)	20	2	12	01	1	0	—	18.1	14	5	20		55	0
CAIRO ALMÂZA (A)	350	3	15	01	0	0	—	17.5	16	4	23	-1	45	0
CAIRO EZBEKÎYA											22	-2		
GIZA	40	5	10	01	1	0	—	18.3	12	6	21	-2	67	0
ḤELWÂN	00	0	10	01	1	1	Sc	17.8	15	1	19	-4	39	0
FAYOÛM	360	4	20	01	0	0	—	17.5	14	5	23	-1	55	0
MINYA (A)	00	0	8	02	0	0	—	17.9	15	1	22	-1	39	0
AṢYOÛṬ (A)	00	0	10	02	0	0	—	17.8	16	-4	20	-4	26	0
NAG' ḤAMÂDI	00	0	4	01	0	3	Ac	17.6	15	7	22	-4	59	0
QENA	290	2		00	0	0	—	18.7	14	3	21	-8	48	0
LUXOR (A)	270	4	12	02	0	0	—	16.9	14	3	22		48	0
ASWÂN	350	7	12	02	0	0	—	16.5	18	-9	22	-7	15	0
SÎWA	330	2	14	01	1	1	Ci	17.2	15	4	21	-3	48	0
BAḤARÎYA														
FARAFRA	180	2	12	02	2	0	—	19.7	13	-8	22		22	
DAKHLA	350	2	12	02	0	0	—	18.7	16	-5	21	-6	24	0
KHARGA	00	0	8	02	0	0	—	17.1	13	1	22	-6	44	0
SUEZ	00	0	10	01	0	0	—	18.3	16	8	21	-2	59	0
TÔR														
HURGHÂDA	290	8	10	02	0	0	—	16.7	15	5	21	-1	52	0
QUSEIR	00	0	8	02	0	0	—	17.1	13	1	22	-2	44	0
PORT SÛDÂN	330	2	20	01	1	2	Sc	14.9	21	14	25		65	0
WÂDI ḤALFA	30	9	20	02	0	0	—	16.3	17	-2	23		28	0
ABU ḤAMAD	360	5	22	02	1	3	Ac	13.5	19	-7	26		17	0
KAREIMA	20	7	21	01	1	1	Ac	12.9	22	-12	27		9	0
ʿATBARA														
KHARṬOÛM	30	13	20	02	2	6	Ac	10.6	24	3	24		26	0
KASSALA	30	4	20	21	6			10.4	23	1	26		69	dr
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	90	4	20	13	2	7	Cu,Ac	18.4	21	8	24		44	6
EL FASHER	40	10	10	06	2	7	Ac,Cs	9.6	23	-3	29		18	0
GENEINA	220	3	30	03	2	7	Ac	7.1	27	.	27		20	0
MALAKÂL	30	4	20	02	2	7	Ac,Cs	7.6	26	13	33		45	0
WÂU	90	3	20	03	2	7	Ac	5.0	30	19	34		52	0
JUBA	00	0	24	02	2	7	Cu,Ac	6.2	26	23			84	

At 0600 on FRIDAY 8TH MARCH 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Minimum Today	Temperatures °C Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total from Oct. 1st	Rainfall mms. Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	12	18	02	2	6	Sc	15.6	-0.9	14	-4	12	+2	29	0	228	
	303	SÎDI BARRÂNI	210	8	15	03	1	7	Ac	15.5		10	2	7		58	0	218	
	306	MATRÛḤ (A)	210	12	16	03	2	5	Sc	16.7	0.0	12	2	7		51	0	231	
	309	EL ḌAB'AA			10	00	0	0	—	17.4		11	7	6		77	0	161	
	319	ALEXANDRIA			20	02	0	0	—	18.7	+2.3	14	5	11	-1	55	0	240	173
	318	ALEXANDRIA (A)	200	6	12	02	0	0	—	18.3	+1.6	12	8	8	-3	77	0	218	134
	330	DAMIETTA	200	2		01	0	0	—	19.0	+3.0	10	8	5	-5	88	0	198	94
	333	PORT SA'ID (A)	230	5	10	02	0	0	—	19.1	+2.7	14	10	10	-3	77	0.2		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	180	2	10	00	0	0	—	18.4	+2.1	15	9	7	-2	68	0	123	86
	342	MANṢÛRA	220	3		00	0	0	—	18.7	+2.5	12	8	6	-3	77	0	62	43
	348	ṬANṬA	180	5	20	02	0	0	—	19.6	+2.8	12	8	6	-2	77	0	71	33
	360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	19.0	+2.3	13	9	10		77	0	55	
	354	ZAGAZIG	00	0	10	02	0	0	—	18.6	+2.1	12	8	8	0	77	0	48	22
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	00	0	15	01	0	0	—	18.9		13	5	9		59	0	46	
	372	CAIRO ALMÂZA (A)	170	4	12	02	0	1	Ci	18.9	+1.7	15	5	9	-1	52	0	51	
	374	CAIRO EZBEKÎYA										13	5	9	-1	59	0	40	20
	375	GIZA	200	4	10	03	1	2	Ci	19.9	+3.0	12	7	6	-2	72	0	46	19
	378	ḤELWÂN	70	3	10	02	6	0	—	19.1	+2.3	14	3	9	-1	48	0	32	21
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	20.0	+3.5	14	5	6	-3	55	0	16	13
	387	MINYA (A)	00	0	8	02	0	0	—	19.9	+1.9	11	3	4	-3	58	0	2	
	393	AṢYOÛṬ (A)	00	0	12	02	0	0	—	19.7	+2.8	12	-7	8	0	26	0	dr	
	399	NAG' ḤAMÂDI	290	1	4	01	0	3	Ci	20.6	+4.4	11	4	6	-2	63	0	1	
	402	QENA	320	1	10	00	0	0	—	20.2	+4.8	15	1	8	-2	39	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	18.9	+2.9	14	0	5		39	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	19.0	+3.3	12	0	8	-6	44	0	8	
OASES	417	SÎWA	00	0	16	02	1	3	Ci	17.5	0.7	7	0	4	-3	62	0	23	7
	420	BAḤARÎYA			20	02	0	0	—	19.3	+2.1	11	2	3	-5	54	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	19.7		8	-6	2		37	0	dr	
	432	DAKHLA	00	0	19	02	0	0	—	20.3	+3.4	6	-12	4	-5	26	0	1	
	435	KHARGA	00	0	10	02	0	0	—	17.8	+1.4	11	-3	4	-6	38	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	0	—	21.2	+5.2	13	9	6	-5	77	0	28	21
	459	TÔR																	
	462	HURGHÂDA	290	11	22	02	0	1	Cu	18.6	+2.8	17	4	8	-3	42	0	dr	
	465	QUSEIR	300	8	20	02	0	0	—	18.4	+3.7	18	3	13	-3	37	0	dr	4
	641	PORT SÛDÂN	340	8	20	03	1	4	Sc,Ac	16.6		21	14	18		65	0		
NORTH SUDAN	600	WÂDI ḤALFA	350	1	20	02	0	0	—	18.1		9							
	640	ABU ḤAMAD	360	5	24	02	0	2	Ac	15.7		15	-8	11		20	0		
	660	KAREIMA	70	7	21	01	1	3	Ac	15.1		16	-5	12		24	0		
	680	ʿATBARA	10	9	20	03	2	7	Ac	13.5		18	-3	15		24	0		
	721	KHARṬOÛM	50	9	20	01	2	5	Ac,Ci	12.7		20	-1	18		24	0		
	730	KASSALA	60	2	20	03	1	7	Ac	11.7		21	16	17		74	1		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	50	5	20	02	1	4	Ac	12.5		24	12	17		47	0		
	802	ROSEIRES	50	5	20	02	2	6	Ac	10.1		26	10	20		37	0		
	771	EL OBEID																	
	760	EL FASHER	340	3	20	02	2	7	Ac,Cs	13.9		16	-5	13		24	0		
	770	GENEINA	70	5	30	03	1	5	Ac,Cs	12.7		17	-10	14		15	dr		
S. SÛDÂN	840	MALAKÂL	20	12	20	02	2	7	Ac,Ci	10.7		22	12	19		53	0		
	880	WÂU	00	0	20	02	2	7	Ac	7.6		26	18	24		62	0		
	941	JUBA	190	1	24	03	0	3	Ac	8.7		26	22	22		79	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa	
DATE	8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3		8-3	
TIME	14		14		15		14		14		14		14		14		14		15		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	180	8	330	4			260	8	90	3	40	5	150	3	110	3	350	8	00	0	160	5
600 m.	140	10	210	3			270	7	240	3	30	5	100	4	110	3	30	3	180	3	180	6
1000 m.	190	10	210	10			250	5	200	5	50	5	110	4	100	7	120	3	110	2	170	7
1500 m.	200	10	210	10	220	14	210	11	240	7	150	5	30	7	60	3	140	10	70	2	200	11
2100 m.			200	11	200	14	200	14	220	8	280	7	250	5	200	5	190	6	110	3	210	12
2400 m.			210	18	210	14	240	10	250	10	260	9	210	9	180	5	190	8	170	3		
3000 m.			210	12	220	13	240	10	270	10	260	11	220	7	200	3	120	4	240	3		
4000 m.					210	8	240	19	260	21	250	20	230	55					240	5		
5000 m.									250	26	250	25							240	7		
6000 m.									260	26	260	31							240	9		

STATION	Bahariya		Farafra		Dakhla		Kharga		Hurghada				Cairo (A)		Luxor				Kharga		Hurghada	
DATE	8-3		8-3		8-3		8-3		8-3				9-3		9-3				9-3		9-3	
TIME	14		14		14		14		14				2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	140	12	120	10	110	3	40	6	40	9			80	17	120	2			90	2	320	5
600 m.	140	11	230	10	130	3	90	3	350	10			90	13	90	2			150	6	90	3
1000 m.	120	8	150	8	150	3	110	7	330	10			160	4	70	3			140	3	120	3
1500 m.	140	10	180	14	160	13	130	6	280	14			130	7	160	4			240	11	270	15
2100 m.	160	16	200	10	180	10	150	7	340	10			220	14	110	10			240	12		
2400 m.	180	17	220	16	200	10	150	10	250	9			220	17	100	10			240	18		
3000 m.			190	10	220	10	180	9	180	6									250	24		
4000 m.			220	12			240	9	280	7												
5000 m.			260	18			240	17	230	10												
6000 m.							230	22	290	29												

STATION	Salloum		S.Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	160	9	160	23	130	20	100	10	80	8	210	3	40	4	150	7	110	16	240	6	120	7
600 m.	160	15	160	15	140	17	80	10	80	4	170	7	110	3	220	4	120	14	210	16	150	13
1000 m.	160	15	160	17	140	16	110	10	50	5	210	4	150	5	250	4	160	10	200	17	170	13
1500 m.	210	11	160	23	200	9	330	3			270	8	200	10	260	8	190	5	200	20	250	9
2100 m.	200	9	170	22	240	9	200	7			230	9	250	18	270	14	310	5	200	15	240	14
2400 m.			170	35	230	9	210	16			220	11	240	15	280	14	300	10	200	15		
3000 m.					210	10	210	17					220	16	280	18	280	16	220	16		
4000 m.															280	15	270	30	300	17		
5000 m.															200	25						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	8-3					8-3					8-3									
TIME	14					15					15									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °c	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °c.	HUM. %	WIND DIR	WIND SPEED
Surface	70	21				25	21				111	27		00	0					
1000 mb.	156	21		80	5	141	20				135	27		00	0					
950 mb.																				
900 mb.																				
850 mb.	1524	7		150	5	1510	6		210	14	1528	12		70	2					
800 mb.																				
700 mb.	3089	-1		260	11	3067	-4		220	12	3112	-1		240	3					
600 mb.																				
500 mb.	5682	-18		250	29	5743	-21				5727	-17		250	10					
400 mb.	7302	-32		250	33	7347	-34				7376	-27		250	14					
300 mb.	9265	-48		250	36	9287	-50				9402	-38		260	24					
200 mb.	11920	-59		260	104	11910	-50				12090	-55		260	32					

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT — CAIRO

DATE SATURDAY 9th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle not freezing, intermittent	slight
51	" " continuous	slight
52	" " intermittent	moderate
53	" " continuous	moderate
54	" " intermittent	thick
55	" " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain freezing, slight	
67	" moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Rather warm weather today, becoming mild tomorrow. Temperature falls reaching its normal. Mod. S/SW winds, fresh at times with rising dust near the W. coast; and veering tomorrow to moderate NW by. Medium and high clouds increasing today; low clouds appearing tomorrow. In Southern Upper Egypt: Weather continues rather warm. Variable light winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 12 U.T. / " " Sunset 15 39 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 8th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	230	8	18	02	2	5	ci	14.2	24	-1	19
	303	SÎDI BARRÂNI	230	8	18	01	2	6	ci	14.5	22	3	29
	306	MATRÛH (A)	220	11	15	02	2	6	cs	16.4	20	0	26
	309	EL DAB'AA			20	00	0	6	cs	16.4	21	1	27
	319	ALEXANDRIA	270	6	50	03	0	6	cu,ac,cs	17.6	17	7	52
	318	ALEXANDRIA (A)	280	8	16	02	2	6	ci	17.3	21	5	35
	330	DAMIETTA	270	2	20	02	0	2	ci	18.2	20	6	41
	333	PORT SA'ÎD (A)	50	5	20	03	0	1	ci	18.3	19	9	52
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	290	2	10	03	0	4	Sc,cu	18.2	20	5	46
	342	MANSÛRA	00	0		03	1	5	AS	17.5	22	6	36
	348	TANTA	220	4	20	03	2	5	ci	18.3	22	3	29
	360	SHEBÎN EL KÔM	160	5	20	00	0	0	—	18.3	24	3	26
	354	ZAGAZIG	140	1	20	02	0	0	—	17.6	24	14	54
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	270	5	20	02	0	3	cu,ci	17.2	22	-2	20
	372	CAIRO ALMÂZA (A)	200	5	20	02	0	2	ci	16.7	24	1	22
	374	CAIRO EZBEKÎYA											
	375	GIZA	350	3	10	02	0	2	cu,cs	17.8	21	3	31
	378	HELWÂN	40	4	20	02	0	6	—	17.5	21	1	27
UPPER EGYPT	381	FAYOÛM	200	4	20	02	0	0	—	17.5	23	5	32
	387	MINYA (A)	30	6	10	02	0	0	—	16.2	23	-2	19
	393	ASYOÛT (A)	120	3	20	02	0	0	—	16.3	23	-4	16
	399	NAG' HAMÂDI	00	0	10	02	0	3	AC	15.9	25	2	22
	402	QENA	00	0	20	00	0	0	—	16.4	24	6	32
	405	LUXOR (A)	340	6	22	02	0	0	—	15.5	25	1	21
	414	ASWÂN	90	4	14	02	0	0	—	14.1	27	-8	9
OASES	417	SÎWA	190	14	16	01	1	3	ci	15.2	22	-5	16
	420	BAHARÎYA	00	0	20	03	0	0	—	16.2	23	8	38
	423	FARAFRA	140	4	20	02	0	0	—	17.2	22	-6	15
	432	DAKHLA	150	4	20	02	0	0	—	16.6	24	-5	15
	435	KHARGA	00	0	15	02	0	0	—	15.2	25	-2	17
RED SEA	450	SUEZ	180	7	50	01	1	1	cu	19.1	21	4	33
	459	TÔR											
	462	HURGHÂDA	30	10	22	01	0	0	—	16.7	21	7	41
	465	QUSEIR	360	9	20	03	0	2	ci	17.0	22	9	44
	641	PORT SÛDÂN	30	14	20	02	0	2	Sc,AC	13.3	25	17	61
NORTH SUDAN	600	WÂDI HALFA	90	8	20	02	0	0	—	13.4	26	-2	16
	640	ABU HAMAD	70	2	24	01	0	1	AC	10.0	30	-1	13
	660	KAREIMA	60	2	21	02	0	1	AC	9.9	30	-4	11
	680	'ATBARA	80	5	20	01	2	3	AC	8.3	30	10	29
	721	KHARTOÛM	320	6	20	03	1	5	st,AC,CS	4.9	31	8	24
	730	KASSALA	360	3	20	01	0	1	AC	5.6	33	14	32
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	810	5	20	02	0	3	AC	2.7	37	13	24
	771	EL OBEID	70	4	20	01	2	4	ci	6.0	31	5	19
	760	EL FASHER	70	6	20	02	2	7	AC,CS	6.4	30	3	18
	770	GENEINA	240	10	30	03	2	6	AC,CS	5.6	33	-3	10
S. SÛDÂN	840	MALAKÂL	20	8	20	01	2	7	AC,CS	5.3	34	11	25
	880	WÂU	40	3	20	03	2	6	AC,AS	3.3	35	11	23
	941	JUBA	50	5	20	02	1	3	cu,ci	3.0	34	17	36

At 1800 on 8th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	02	0	12	02	2	6	AC	13.5	17	11	24	+4	68	0
	303	SÎDI BARRÂNI	110	6	14	02	2	5	AC,ci	14.0	15	7	22		59	0
	306	MATRÛH (A)	120	3	14	01	2	3	ci	15.6	14	9	22		72	0
	309	EL DAB'AA				00	0	4	AC	16.4	13	9	22		77	0
	319	ALEXANDRIA	40	10	20	01	1	3	cu,AC,ci	17.4	16	10	19	-2	68	0
	318	ALEXANDRIA (A)	40	4	12	01	2	4	ci	17.0	14	10	22	+2	77	0
	330	DAMIETTA	270	2		03	0	4	ci	18.0	16	10	21	+2	68	0
	333	PORT SA'ÎD (A)	60	4	18	02	1	5	ci	17.8	16	8	22	+3	59	0
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	310	2	10	02	1	5	AS	18.1	15	9	22	0	68	0
	342	MANSÛRA	02	0		03	1	6	AS	17.2	16	8	23	+1	59	0
	348	TANTA	10	2	20	03	2	6	ci	18.2	15	4	23	0	48	0
	360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	18.6	16	3	24	+2	42	0
	354	ZAGAZIG	00	0	10	02	0	0	—	17.6	18	13	23	0	73	0
	441	ISMA'ILÎA														
CAIRO AREA	366	CAIRO (A)	70	3	12	03	0	4	ci	16.4	16	2	22		39	0
	372	CAIRO ALMÂZA (A)	30	5	15	02	0	3	ci	16.7	17	2	25	+3	37	0
	374	CAIRO EZBEKÎYA											24	0		
	375	GIZA	200	4	8	03	1	5	cs	17.4	15	0	23	0	36	0
	378	HELWÂN	320	3	10	02	0	1	cu	17.3	17	8	22	-1	56	0
UPPER EGYPT	381	FAYOÛM	200	4	20	03	2	5	st	16.3	15	17	25	+1	59	0
	387	MINYA (A)	10	4	7	02	0	0	—	15.3	14	5	25	+1	55	0
	393	ASYOÛT (A)	00	0	10	02	0	0	—	16.2	18	-5	24	0	20	0
	399	NAG' HAMÂDI	00	0		01	0	2		16.7	15	7	26	0	59	0
	402	QENA	00	0		00	0	0	—	16.4	17	4	25	-4	42	0
	405	LUXOR (A)	00	0	12	02	0	0	—	14.8	16	5	25		49	0
	414	ASWÂN	00	0	12	02	0	0	—	13.7	20	0	29	0	26	0
OASES	417	SÎWA	130	2	15	02	0	2	ci	13.8	15	-5	23	-1	25	0
	420	BAHARÎYA	110	4	10	02	0	0	—	16.0	16	3	24	0	42	0
	423	FARAFRA	140	4	12	02	0	0	—	16.3	15	-10	23		17	0
	432	DAKHLA	200	3	9	03	0	0	—	16.0	19	-8	25	-2	16	0
	435	KHARGA	00	0	9	02	0	0	—	14.0	15	-4	26	-2	26	0
RED SEA	450	SUEZ	00	0	10	01	0	0	—	17.9	17	1	24	+1	34	0
	459	TÔR														
	462	HURGHÂDA	00	0	12	02	0	0	—	16.5	14	4	20	-2	52	0
	465	QUSEIR	330	1	20	02	0	0	—	16.4	19	7	22	-3	46	0
	641	PORT SÛDÂN	330	3	20	02	9	1	Sc	14.4	21	15	26		69	0
NORTH SUDAN	600	WÂDI HALFA	20	4	20	02	0	0	—	13.1	19	1	28		30	0
	640	ABU HAMAD	20	2	24	02	0	0	—	10.2	24	-3	31		17	0
	660	KAREIMA	20	4	21	02	0	0	—	9.9	25	-3	31		16	0
	680	'ATBARA	10	4	20	01	0	0	—	8.6	27	9	32		33	0
	721	KHARTOÛM	350	8	20	02	0	1	AC	7.8	27	7	33		28	0
	730	KASSALA	60	6	20	02	0	1	AC	7.8	27	13	35		42	0
CENTRAL SUDAN	751	WÂD MEDANI											35			
	801	RENK											36			
	802	ROSEIRES											37			
	771	EL OBEID	40	5	20	01	1	3	ci	6.0	27	9	32		33	0
	760	EL FASHER	120	5	20	03	2	7	AC,cs	5.9	27	7	32		28	0
	770	GENEINA														
S. SÛDÂN	840	MALAKÂL	10	2	20	01	2	7	cs	5.3	29	16	35		46	0
	880	WÂU	20	2	20	01	1	0	—	3.6	31	15	36		38	0
	941	JUBA	00	0	20	02	1	3	Cb,AC	4.3	29	22	35		66	0

At 0600 on SATURDAY 9th MARCH 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Dift from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	30	12	12	02	2	7	Sc,AS,cs	12.1	-4.3	16	-5	14	+4	24	0	228	
	303	SÎDI BARRÂNI	170	14	16	03	2	8	AS	11.7		14	3	9		48	0	218	
	306	MATRÛH (A)	320	3	15	02	2	7	AS	13.7	-3.0	11	7	7		77	0	231	
	309	EL DAB'AA			10	00	0	7	cs	14.3		11	7	7		77	0	161	
	319	ALEXANDRIA	130	11	10	02	4	7	As,cs	15.8	-0.5	12	6	10	-2	63	0	240	173
	318	ALEXANDRIA (A)	00	0	12	03	2	7	As,cs	15.7	-1.0	12	8	9	-2	77	0	218	134
	330	DAMIETTA	110	5	10	01	1	1	AC	16.4	+0.4	16	14	8	-2	88	0	198	94
	333	PORT SA'ÎD (A)	100	9	14	01	0	1	ci	15.8	-0.6	17	12	13	0	72	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	130	2	16	03	0	4	AS	15.4	-0.9	12	8	7	-2	77	0	123	86
	342	MANSÛRA	90	3		00	0	0	—	15.9	-0.3	14	8	8	-1	67	0	62	43
	348	TANTA	130	5	20	01	1	2	ci	15.6	-1.2	12	5	7	-1	63	0	71	33
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	15.9	-0.8	13	7	9		67	0	55	
	354	ZAGAZIG	140	1	10	02	0	0	—	14.9	-1.6	11	7	8	0	77	0	48	22
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	00	0	15	02	2	5	Sc,ci	15.1		14	2	12		45	0	46	
	372	CAIRO ALMÂZA (A)	00	0	15	02	2	6	AC,ci	14.8	-2.3	16	3	12	+1	42	0	51	
	374	CAIRO EZBEKÎYA										15	6	10	0	55	0	40	20
	375	GIZA	00	0	8	03	—	7	ci	15.0	-1.8	10	7	6	-2	82	0	46	19
	378	HELWÂN	00	0	14	05	2	7	ci	15.2	-1.5	14	-1	12	+2	36	0	32	21
UPPER EGYPT	381	FAYOÛM	00	0	20	02	1	5	st	15.5	-1.0	12	4	7	-2	59	0	16	7
	387	MINYA (A)	320	1	7	03	0	2	ci	14.0	-4.0	11	4	4	-3	63	0	2	
	393	ASYOÛT (A)	00	0	14	02	0	0	—	15.1	-1.7	12	-4	9	+1	33	0	dr	
	399	NAG' HAMÂDI	00	0		00	0	0	—	15.8	-0.4	12	3	7	-1	55	0	1	
	402	QENA	360	1	10	00	0	0	—	15.5	+0.2	17	7	5	-6	52	0	dr	
	405	LUXOR (A)	00	0	22	03	0	2	ci	14.8	-1.1	13	3	7		51	0	0	
	414	ASWÂN	00	0	12	03	0	3	ci	14.8	-0.8	15	5	10	-4	52	0	8	
OASES	417	SÎWA	80	6	15	01	1	3	As,ci	12.2	-6.0	12	-6	11	+4	28	0	23	7
	420	BAHARÎYA	00	0	20	03	1	6	ci	14.7	-2.4	14	4	4	-4	52	0	2	7
	423	FARAFRA	40	1	15	03	2	5	cc	16.3		6	-13	3		24	0	dr	
	432	DAKHLA	00	0	15	03	0	1	ci	16.8	0.0	8	-8	5	-4	31	0	1	
	435	KHARGA	00	0	12	03	0	1	ci	13.1	-3.2	15	1	3	-7	39	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	5	cu	16.3	+0.3	13	3	6	-6	51	0	28	13
	459	TÔR																	12
	462	HURGHÂDA	310	8	22	02	0	0	—	14.8	-1.0	17	0	8	-3	32	0	dr	
	465	QUSEIR	280	9	20	03	0	3	ci	14.7	+0.1	19	10	13	-3	56	0	dr	4
	641	PORT SÛDÂN	320	5	20	02	0	2	Sc	14.7		21	16	17		74	0		
NORTH SUDAN	600	WÂDI HALFA	360	5	20	02	0	0	—	14.3		13	1	8		44	0		
	640	ABU HAMAD	50	2	24	03	0	2	ci	11.4		20	2	13		30	0		
	660	KAREIMA	50	2	21	03	1	5		11.7		19	-9	16		15	0		
	680	'ATBARA	90	6	20	03	1	7	AC,CS	10.7		22	9	17		44	0		
	721	KHARTOÛM	70	4	20	03	1	7	AC,AS	10.3		23	7	21		36	0		
	730	KASSALA	40	5	20	03	1	7	AC,CS	9.2		25	12	19		45	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	13	20	02	1	7	AC	9.7		24	9	19		38	0		
	801	RENK	310	2	20	02	0	2	AC	10.0		27	9	20		33	0		
	802	ROSEIRES	310	2	20	02	0	1	ci	10.7		27	14	21		45	0		
	771	EL OBEID	50	10	20	60	2	7	AC,AS	9.6		23	-2	18		19	0.1		
	760	EL FASHER	10	6	20	02	2	7	AC,CS	10.4		21	0	19		25	0		
	770	GENEINA	80	4	30	03	2	7	AC,CS	12.6		17	-8	15		18	0		
S. SÛDÂN	840	MALAKÂL	30	12	20	03	1	6	cs	7.5		27	9			33	0		
	880	WÂU	00	0	20	02	1	3	ci	6.7		26	15	23		51	0		
	941	JUBA	180	7	24	03	0	4	AC,ci	4.9		27	20	23		66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Minya		Asyout		Luxor		Sohag		Bahariya		Farafra		Dakhla	
DATE	9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3		9-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	320	9	90	10	100	13	60	5	220	5	260	8	210	3	250	6	210	28	250	19	240	1
600 m.	230	9	150	4	90	16	120	2	230	10	240	8	220	6	260	10	210	25	240	23	210	7
1000 m.	230	8	110	5	110	10	10	3	250	12	240	10	240	10	260	16	220	18	220	20	300	6
1500 m.	230	14	220	5	140	9	230	5	240	11	230	12	260	29	260	16	220	22	250	12		
2100 m.	230	17	230	8	230	5	230	10			230	13	260	20	270	13	270	7	230	13		
2400 m.	240	15	220	11			210	12					270	11	270	13	230	16				
3000 m.	230	13	230	12			200	23														
4000 m.							220	35														
5000 m.							200	36														
6000 m.																						

STATION	Kharga		Hurghada				Alex.(A)		P.Said		Cairo(A)		Asyout		Luxor		Dakhla		Kharga		Hurghada	
DATE	9-3		9-3				10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3	
TIME	14		14				2		2		4		2		2		4		3		2	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	190	6	120	4			170	13	60	11	210	13	240	6	240	10	280	16	280	6	310	10
600 m.	220	5	80	4			180	14	90	7	220	15	250	14	250	19	310	34	280	15	290	1
1000 m.	240	12	210	3			180	17	130	3	250	16	260	22	260	20	310	28	270	14	280	4
1500 m.			240	8			210	20	210	6	250	17	280	23	250	15	310	36			260	5
2100 m.			240	14			230	14	270	9	290	14			270	8					260	6
2400 m.			230	20					270	17					260	45						
3000 m.			250	27					270	20												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Minya		Asyout		Luxor		Sohag		Bahariya		Dakhla		Kharga	
DATE	10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	130	9	290	22	160	10	140	12	180	3	280	7	250	8	290	15	250	12	280	6	240	7
600 m.	160	15	290	19	180	7	140	10	310	8	280	10	260	10	290	16	260	16	280	7	290	3
1000 m.	160	15	290	17	190	4	170	5	290	10	280	8	230	12	270	15	290	13			290	11
1500 m.	210	11			190	4	80	2	270	7	270	12	270	13	300	14	270	22			270	6
2100 m.	200	9					230	5	250	7	260	11	270	11	280	20					250	17
2400 m.							230	6			260	12	280	16	280	22					260	24
3000 m.							230	14					230	12							280	38
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 10th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather by day, rather cold by night in Lower Egypt and Cairo. Low clouds increasing over N. coast where there is a possibility of scattered rain. In Lower Egypt and Cairo: Some high and medium clouds today; low clouds tomorrow. Moderate/fresh SWly winds veering later to moderate NWly. But in Upper Egypt: No appreciable change in the weather.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 0 4 ..... U.T.
" " Sunset 16 00 ..... U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 9 Th											At 1800 on 9 Th											
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C				
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER w.w.	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER w.w.	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR. PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
30	6	20	02	2	7	cu, cs	9.5	22	7	38	120	18	10	02	2	4	Sc, Ac	9.9	17	7	25	+4	52	0
70	14	20	02	2	7	Sc, Ac, As	9.9	20	10	52	270	11	14	02	2	7	Sc, Ac, Cs	9.9	17	5	23		46	0
80	7	16	03	2	7	Ac, As, Cs	10.4	20	2	[illegible]	110	8	15	02	2	5	Sc	9.8	13	11	20		88	0
		20	00	0	6	Cs	10.4	24	3	26				00	0	0	—	10.6	14	10	25		77	0
130	10	20	02	1	7	Ac, As, Cs	12.8	21	1	27	90	10	20	01	1	5	Ac	11.9	17	9	22	+1	60	0
130	5	14	02	2	7	Ac, As	12.4	22	6	36	50	8	12	02	2	7	Ac, As	11.8	15	12	23	+3	82	0
180	5	10	03	1	7	Sc	13.5	19	7	76	180	5		01	1	0	—	13.0	16	12	20	+1	77	0
90	4	20	02	2	6	ci	13.0	18	13	73	40	12	18	03	1	4	ci	12.6	16	12	20	+1	77	0
90	2	10	01	1	6	As	13.4	22	9	44	90	2	4	01	1	3	Sc	12.6	15	9	23	+1	68	0
00	0		03	1	8		12.8	22	6	36	00	0		01	1	5		13.5	17	9	22	-1	60	0
110	4	20	03	2	8		13.9	22	6	36	60	3	18	03	2	5	Sc	13.0	15	6	23	0	88	0
											90	2	10	01	1	5	Sc	12.0	16	3	23		42	0
320	1	20	03	1	7	cu	11.6	23	12	50	220	1	10	01	1	2	Ac	11.9	18	14	23	0	60	0
350	6	16	03	2	8	Ac, As	11.8	22	-3	19	20	5	12	02	2	7	Ac, As	11.5	18		24			0
270	9	20	02	2	7	Ac, As, ci	12.0	22	-3	19	40	8	15	02	2	7	As, ci	11.9	19	1	25	+3	30	0
																					25	+1		
340	1	10	02	2	7	Cs	12.8	22	4	31	70	6	8	02	2	7	Cs	11.9	19	4	25	+2	37	0
00	0	20	02	2	8	As, ci	12.2	22	-5	16	40	6	10	02	2	8	Ac, As, ci	11.6	19	-5	24	+1	19	0
00	0	20	03	2	6	St	12.7	24	7	34	00	0	20	02	2	6	St	11.2	18	7	26	+1	49	0
340	4	10	02	0	5	ci	11.5	25	0	19	00	0	6	03	0	3	ci	10.6	17	1	27	+3	34	0
270	3	18	02	0	3	ci	11.6	26	14	6	160	4	12	02	0	1	ci	10.7	20	-10	27	+3	13	0
00	0	10	01	0	2	Ac, Cs	11.8	27	2	20	00	0	4	01	0	2	Ac	12.7	18	8	28	+2	52	0
00	0	10	00	0	0	—	12.4	26	10	37	00	0		00	0	0	—	11.9	17	9	29	0	60	0
250	5	22	02	0	1	ci	11.5	27	2	20	00	0	12	02	0	0	—	11.2	18	6	28		46	0
190	8	16	02	0	3	ci	10.8	28	-9	8	360	6	10	01	0	0	—	11.0	24	-10	31	+2	10	0
260	5	16	03	1	7	As	10.1	26	-7	11	280	3	14	02	2	2	NS, As	10.4	18	1	27	+3	32	0
220	6	20	03	2	7	Ac, As	11.0	25	7	32	320	3	10	02	2	8	Ac, As	10.4	19	7	26	+2	46	0
240	6	20	01	2	5	Ac	11.3	26	-6	12	270	4	12	00	1	0	—	10.8	18	-13	28		11	0
270	4	24	01	0	2	ci	18.0	28	-24	3	280	5	10	02	0	0	—	11.8	22	-12	29	+2	9	0
240	4	15	01	0	2	ci	10.8	28	-4	12	00	0	8	02	0	0	—	9.4	18	-1	28	0	28	0
180	6	50	03	0	6	cu	13.1	22	16	69	360	8	10	01	0	0	—	12.6	18	6	25	+2	46	0
80	6	22	02	0	1	ci	12.1	23	7	36	160	11	10	02	0	0	—	11.5	20	13	23	+1	64	0
50	8	20	01	0	0	—	12.0	23	8	38	200	3	20	02	0	0	—	11.8	18	14	24	-1	78	0
70	12	20	02	2	6	Sc, ci	10.6	25	19	70	40	1	20	01	2	3	Sc, Ac	11.8	23	19	27		79	0
340	8	20	02	0	1	ci	10.3	29	3	19	360	7	20	01	0	0	—	11.1	21	-1	30		23	0
00	0	24	02	1	5	ci	7.5	32	5	18	00	0	24	02	1	3	ci	8.8	27	0	33		17	0
10	4	21	02	2	7	Cs	7.1	33	5	17	20	6	21	01	2	3	Ac	9.0	28	-4	34		12	0
340	4	20	02	2	7	Ac, cs	4.9	35	2	12	10	9	20	01	2	4	Ac, ci	6.5	29	7	36		25	0
40	5	20	03	2	8	Cs	3.9	36	14	27	330	4	20	02	2	7	Ac, cs	5.4	31	7	37		22	0
											20	3	20	02	2	7	Cs	5.9	29	3	37		19	0
50	5	20	02	2	7		3.0	36	9	19														
310	5	20	02	0			4.2	38	15	25														
310	5	20	03	1	5		0.8	38	12	21														
											00	0	20	02	2	7	Ac, As	5.4	27	0	34		55	0
											120	5	10	05	2	8	Ac, As	6.2	28	0	33		16	0
130	4	30	03	2	8	Ac, As, cs	5.3	33	-6	8	300	4	30	01	2	8	Ac, cs	7.9	27	-5	34		12	0
260	4	20	03	2	7	Ac, cs	3.2	37	21	22	310	3	20	02	2	7	Ac, cs	7.3	31	17	38		43	0
90	4	20	03	2	7	cu, Ac	6.1	38	13	22	340	5	20	02	6	7	Ac, As	2.9	33	12	39		28	dr
											00	0	24	13	1	4	cu, ci	2.7	30	22	37		62	0

At 0600 on SUNDAY 10th MARCH 1957																			
WIND					CLOUD		BAR PRESSURE		TEMPERATURES °C						RAINFALL mms.			
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER w.w.	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
270	10	18	02	2	6	Sc, Ac, cc	10.7	-5.7	12	8	11	+1	77	0	228	
310	12	16	02	2	8	cu, Sc, Ac	9.7		15	9	13		68	0	218	
250	12	14	02	0	2	Ac	9.8	-6.9	14	12	10		88	0	231	
		10	00	0	3	ci	8.1		13	7	10		67	0	161	
130	12	20	01	1	1	ci	10.2	-6.0	14	10	12	0	64	0	240	174
140	2	12	01	0	0	—	10.0	-6.7	14	11	10	-1	82	0	218	134
140	2	4	03	1	6	NS	11.0	-5.0	16	14	12	+2	88	0	198	94
140	9	12	03	1	6	ci	10.2	-6.2	17	13	14	+1	77	0	-	
130	2	10	00	0	0	—	10.8	-5.5	14	10	10	+1	77	0	123	86
40	3		00	0	0	—	10.4	-5.8	15	11	10	+1	77	0	62	43
300	5	20	02	0	0	—	11.0	-5.8	13	11			88		71	33
110	2	10	01	1	1	cu	10.2	-6.4	14	10	11		77	0	55	
40	1	10	02	0	0	—	9.9	-6.5	15	7	10	+2	59	0	48	22
00	0	10	01	0	1	Ac	10.2		15	6	13		55	0	46	
200	8	15	02	0	0	—	10.0	-7.1	17	1	13	+2	34	0	51	
									17	5	11	+1	46	0	40	20
180	8	8	02	1	1	Cs	10.7	-6.1	16	6	7	-1	52	0	46	20
00	0	10	02	0	1	Ac	10.7	-5.9	17	1	12	+1	34	0	32	21
200	4	20	01	1	3	cu, Sc	11.2	-5.3	16	2	8	-1	39	0	16	7
40	2	8	02	0	0	—	10.6	-7.3	13	2	5	-2	48	0	2	
00	0	12	02	0	0	—	11.5	-5.2	16	-11	12	+4	15	0	dr	
00	0	4	01	0	3	Ac	13.0	-3.1	17	3	10	+2	26	0	1	
00	0	10	00	0	0	—	12.8	-2.4	15	7	5	-6	59	0	dr	
00	0	22	02	0	0	—	11.8	-4.0	17	4	9		42	0	0	
00	0	14	03	0	5	ci	13.1	-2.4	18	-2	10	-4	26	0	8	
290	9	16	01	1	3	Ac, ci	12.7	-5.5	13	4	11	+3	55	0	23	7
220	4	20	03	0	1	ci	11.7	-5.4	14	3	9	+1	48	0	2	7
270	6	15	02	0	0	—	14.3		16	-0	9		34	0	dr	
280	8	14	02	0	0	—	14.7	-2.1	14	-19	9	0	9	0	1	
00	0	12	02	0	0	—	11.0	-5.3	14	-6	7	-3	25	0	3	
180	8	20	00	0	3	cu	11.6	-4.4	18	8	11	-1	52	0	28	13
300	4	22	02	0	1	Sc	11.0		17	-2	10	-1	28	0	dr	
00	0	20	03	0	1	ci	11.0	-3.6	21	4	17	+1	33	0	dr	4
320	1	20	03	1	7	Sc	11.9		23	19	19		79	0		
180	4	20	03	0	4	Ac	13.7		15	-5	10		25	0		
360	5	24	03	0	7	Ac, cs	19.6		19	-10	17		13	0		
50	3	21	03	0	8	Ac, cs	12.0		20	-3	17		21	0		
10	12	20	02	2	7	Ac	9.8		24	-4	21		16	0		
20	10	20	02	2	7	Ac	9.7		25	3	24		24	0		
00	0	20	02	2	7	Ac	8.1		23	12	20		50	0		
360	9	20	02	2	1	cs	9.5		26	2	21		21	0		
270	2	20	02	2	8	Ac	19.9		26	13	24		45	0		
130	5	20	02		8	Ac	11.6		28	15	21		45	dr		
360	5	20	03	1	7	Ac	9.2		23	-1	21		20	0		
00	0	15	05	2	7	Ac, cs	12.7		18	2	15		34	0		
40	6	50	01	2	7	Ac, cs	12.8		21	-11	16		11	0		
170	5	20	02	2	8	Ac	8.9		25	19	24		70	0		
200	6	20	02	2	7	Ac	8.3		26	17	26		58	dr		
320	6	20	60	9	8	Sc, Ac	12.2		23	20	17		84	1		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANŞÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÎA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA
RETARDS	DATE	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3		10-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	12	350	8	40	21	250	17	320	16	250	15	290	15	270	11	300	8	290	24	300	11
600 m.	310	15	290	10	60	7	260	13	300	13	250	16	280	15	280	16	280	8	280	25	280	8
1000 m.	290	17	290	7	30	5	260	11	300	10	250	12	270	15	290	19	290	13	300	25	280	8
1500 m.			240	10	210	6	260	19	290	9	250	12	270	15	270	14	290	21	290	26	250	15
2100 m.					190	8	270	16			230	8			260	23	290	22			240	10
2400 m.							330	9			230	16			260	30						
3000 m.							300	8			240	24			200	27						
4000 m.							280	19														
5000 m.							210	17														
6000 m.							240	23														

STATION	Hurghada						P. Said		Minya		Asyout		Luxor		Siwa		Dakhla		Kharga		Hurghada	
DATE	10-3						11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3	
TIME	14						2		2		2		2		2		4		3		2	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	120	12					20	18	250	5	320	16	280	8	300	12	270	13	190	8	300	29
600 m.	220	13					50	10	280	4	330	14	300	21	300	17	280	16	250	6	300	24
1000 m.	200	7					80	7	300	15	320	21	300	21	300	19	270	16	280	20	300	26
1500 m.	240	16					120	13	350	8			290	31	300	21	280	30	260	30	250	17
2100 m.	230	22											280	36	290	24					170	13
2400 m.	220	18											270	33	280	22						
3000 m.	240	17																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	270	13	250	28	240	17	250	10	250	7	240	9	290	15	250	16	260	11	120	6	230	9
600 m.	270	16	200	30	230	14	260	9	260	13	260	13	300	15	270	17	260	17	120	8	230	16
1000 m.	280	11	180	52	230	17	250	10	260	15	270	15	290	12	270	12	280	19	120	9	260	18
1500 m.	280	10	220	37	250	17	250	12	270	22	280	21	300	18	280	32	310	9	130	8	280	20
2100 m.	270	14					250	12	280	29	290	18	290	17	280	23	290	19			310	47
2400 m.	280	16					190	24			280	42	280	16	280	31	310	17				
3000 m.	280	14					280	21			290	50	280	28	280	40						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																				
DATE																				
TIME																				
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 11th March, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" * and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature below normal. Low clouds increasing in Cairo, Lower and Middle Egypt with scattered rain. Moderate SWly winds, fresh at times.

In Upper Egypt: Clear sky; light NWly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 10 U.T. / " " Sunset 16 01 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 10th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOÛM											
303	SÎDI BARRÂNI	320	18	16	02	2	6	cu,Sc,Ac	8.9	18	6	46
306	MATRÛH (A)	300	18	15	02	2	7	cb,Ac	9.3	17	12	72
309	EL DAB'AA			20	00	0	7	cu	9.4	17	11	68
319	ALEXANDRIA	310	6	20	03	0	6	cu,cs	9.1	18	8	52
318	ALEXANDRIA (A)	300	16	14	03	2	7	cu,ci	8.6	21	9	47
330	DAMIETTA	120	6	20	01	1	0	—	9.5	20	13	64
333	PORT SA'ÎD (A)	40	16	20	03	0	4	cu,Ac,ci	8.7	18	12	68
336	EL 'ARISH											
339	DAMANHÛR	230	2	10	03	0	4	cu	9.8	23	8	38
342	MANSÛRA	180	3		03	1	6	Ac	8.1	24	3	26
348	ȚANȚA	220	4	20	03	2	6	As,Ci	9.4	25	5	28
360	SHEBÎN EL KÔM	240	5	20	01	1	2	Cu	8.8	24	-5	15
354	ZAGAZIG	320	1	20	01	1	3	As	8.6	26	12	42
441	ISMA'ILÎA											
366	CAIRO (A)	300	16	14	02	2	6	Cu,Cs	8.2	23	-5	15
372	CAIRO ALMÂZA (A)	270	12	25	02	2	7	Cu,AC	8.7	24	-5	15
374	CAIRO EZBEKÎYA											
375	GIZA	230	9	10	03	2	6	cu,ci	9.0	24	2	24
378	ḤELWÂN	220	6	20	02	2	5	cu,Ac,cc	8.7	23	-3	18
381	FAYOÛM	240	2	20	02	1	6	Sc	9.3	25	2	22
387	MINYA (A)	220	14	10	03	1	4	Cu,Ci	8.7	26	-5	13
393	AṢYOÛṬ (A)	220	5	18	03	0	2	Ci	9.7	25	-8	11
399	NAG' HAMÂDI	290	1	10	01	0	2	Ac,Cs	9.8	27	0	17
402	QENA	290	4	20	00	0	0	—	10.0	26	0	18
405	LUXOR (A)	210	17	16	02	0	0	—	8.7	29	-6	10
414	ASWÂN	270	17	14	01	1	4	Ci	9.5	30	-15	5
417	SÎWA	300	18	16	02	1	5	Cu	10.8	21	5	35
420	BAHARÎYA	240	6	20	02	2	5	Sc,Ac	10.3	22	10	47
423	FARAFRA	280	8	15	03	0	5	Cs	12.7	21	1	27
432	DAKHLA	290	14	10	02	0	0	—	13.6	22	-12	9
435	KHARGA	340	4	14	01	0	1	Ci	9.3	23	1	24
450	SUEZ	180	8	50	03	0	5	Cu	9.6	25	13	48
459	TÔR											
462	HURGHÂDA	60	8	12	02	0	1	Cu	8.8	24	12	47
465	QUSEIR	90	10	20	02	0	1	Ac,Cs	8.8	25	16	58
641	PORT SÛDÂN	70	9	20	03	8	8	Sc	9.9	27	21	70
600	WÂDI HALFA	360	12	20	02	1	5	Cs	10.9	29	1	17
640	ABU HAMAD	310	9	24	03	2	8	Ac,Cs	8.6	31	-8	8
660	KAREIMA	40	5	21	02	2	8	Ac,Cs	9.0	31	-7	8
680	'AṬBARA	10	12	20	02	2	7	Ac	6.7	33	-7	7
721	KHARṬOÛM	20	10	20	02	2	7	Ac	6.9	31	3	17
730	KASSALA	340	3	20	03	2	7	Ac,Cs	5.5	35	9	20
751	WÂD MEDANI	130	5	20	01	2	6	Cs	4.9	36	2	12
801	RENK	230	5	20	02	2	8	Ac	7.9	34	15	32
802	ROSEIRES	130	5	20	02	2	8	Cu	3.8	35	15	30
771	EL OBEID	50	7	20	02	2	8	Ac	7.2	27	2	20
760	EL FASHER	60	9	24	02	2	8	Ac,Cs	8.2	28	-7	10
770	GENEINA	00	0	24	03	2	7	Ac,Cs	8.5	32	-18	3
840	MALAKÂL	200	5	20	02	2	8	Cu,Ac	8.7			
880	WÂU	210	10	20	02	6	8	Sc,As	10.4	25	19	70
941	JUBA	280	7	20	60	9	8	Cb	10.2	24	20	79

At 1800 on 10th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	10	02	0	7	Sc	10.0	15	6	18	-3	55	0.2
303	SÎDI BARRÂNI	320	9	14	02	2	7	Sc,AC	9.5	14	6	18		59	0
306	MATRÛH (A)	220	8	13	03	1	7	cb	9.9	14	10	18		77	0
309	EL DAB'AA				00	0	8	cu	9.8	13	9	19		77	2
319	ALEXANDRIA	270	30	20	95	9	8	cb,As	10.0	13	11	21		88	1
318	ALEXANDRIA (A)	270	20	5	82	2	8	cb	9.8	17	13	24	+7	77	0
330	DAMIETTA	20	5		03	6	3	NS	10.0	16	10	20	+1	68	0.3
333	PORT SA'ÎD (A)	50	15	16	02	1	5	cu,Ac	9.4	16	13	23	+4	82	0
336	EL 'ARISH														
339	DAMANHÛR	230	2		03	1	6	cu,Sc	9.0	16	10	26	+3	68	0
342	MANSÛRA	40	5		03	1	6	Ac	8.6	16	10	27	+4	68	0
348	ȚANȚA	220	6	20	03	2	8	Sc	9.8	16	10	26	+3	68	0
360	SHEBÎN EL KÔM	200	2	10	01	1	3	Sc	9.3	18	3	25		37	0
354	ZAGAZIG	180	1	10	03	1	6	cu	7.9	19	14	27	+4	73	0
441	ISMA'ILÎA														
366	CAIRO (A)	240	12	12	02	2	6	cu	8.3	20	0	24		26	0
372	CAIRO ALMÂZA (A)	190	8	15	02	2	7	Sc,cu	8.4	21	-2	26	+3	21	0
374	CAIRO EZBEKÎYA											27	+3		
375	GIZA	220	5	8	03	2	6	Sc	8.6	19	2	25	+1	32	0
378	ḤELWÂN	00	0	10	02	2	5	Ac,Cc	8.6	18	3	24	+1	37	0
381	FAYOÛM	360	4	20	01	0	0	—	8.7	18	3	27	+2	37	0
387	MINYA (A)	230	7	8	03	0	2	ci	8.8	17	-1	26	+2	30	0
393	AṢYOÛṬ (A)	270	4	10	02	0	0	—	10.8	20	-4	27	+2	19	0
399	NAG' HAMÂDI	00	0		00	0	0	—	11.5	18	10	29	+3	60	0
402	QENA	00	0		00	0	0	—	10.4	17	4	26	-3	42	0
405	LUXOR (A)	00	0	12	02	0	0	—	10.1	18	-4	30		22	0
414	ASWÂN	300	8	12	01	0	0	—	10.8	23	-7	31	+1	13	0
417	SÎWA	230	3	14	01	6	2	Ns	11.3	14	8	22	-2	67	0.2
420	BAHARÎYA	270	2	10	01	2	3	AC	10.7	17	8	24	-1	56	0
423	FARAFRA	270	2	12	01	1	1	ci	13.4	16	2	22		39	0
432	DAKHLA	210	5	8	02	0	0	—	13.7	18	12	22	-6	68	0
435	KHARGA	150	2	8	02	0	0	—	10.0	19	2	23	-5	32	0
450	SUEZ	00	0	10	01	0	2	cu	10.2	21	1	25	+2	27	0
459	TÔR														
462	HURGHÂDA	120	7	12	01	0	3	cs	8.5	22	17	25	+3	74	0
465	QUSEIR	210	4		02	0	0	—	8.8	21	16	27	+2	74	0
641	PORT SÛDÂN	00	0	20	01	1	2	Sc	10.6	24	21	28		84	dr
600	WÂDI HALFA	320	9	20	01	1	1	ci	12.8	22	-3	30		19	0
640	ABU HAMAD	310	2	24	02	2	7	Ac,Cs	10.4	25	-5	32		14	0
660	KAREIMA	360	5	21	02	—	7	Ac,As,Ci	11.0	25	-10	32		9	0
680	'AṬBARA	360	5	20	01	2	8	AC	9.2	27	-5	34		12	0
721	KHARṬOÛM	340	7	20	02	2	7	Ac,As	8.8	29	1	32		17	0
730	KASSALA											37			0
751	WÂD MEDANI											37			
801	RENK											34			
802	ROSEIRES											36			
771	EL OBEID	360	4	20	01	2	7	Ac,As	9.3	25	2	30		22	0
760	EL FASHER	60	7	24	01	2	7	Ac,Cs	10.6	24	-8	29		12	0
770	GENEINA	30	3	50	01	2	6	Ac,Cs	10.0	26	-13	33		7	0
840	MALAKÂL	230	5	20	01	2	7	Ac,As	9.5	27	19	32		62	0
880	WÂU	250	7	20	02	2	8	cs	10.1	25	17	27		61	dr
941	JUBA	00	0	24	02	6	7	Ac,As	11.2	23	21	25		89	3

At 0600 on MONDAY 11th MARCH, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	320	12	18	02	0	3	Sc	11.0	-5.4	13	8	11	+1	72	0.2	228	
	303	SÎDI BARRÂNI	350	13	16	02	2	6	cu,Sc,Ac	10.2		14	8	10		67	0.3	219	
	306	MATRÛH (A)	250	11	15	02	2	5	Ac	10.2	-6.5	12	10	9		88	1	232	
	309	EL DAB'AA			10	00	0	4	AC	10.3		12	8	8		77	9	170	
	319	ALEXANDRIA	180	6	20	01	8	6	cu,Sc,Ac	10.8	-5.4	13	11	11	-1	88	9	249	174
	318	ALEXANDRIA (A)	220	10	8	25	2	7	cb	10.3	-6.3	13	11	11	0	88	5	223	134
	330	DAMIETTA	200	2		03	6	6	cu,Sc	10.6	-5.4	13	11	11	+1	88	3	201	95
	333	PORT SA'ÎD (A)	100	3	12	03	8	7	cb	9.6	-6.7	16	9	11	-2	64	0.4		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	230	9	10	01	6	3	cu	9.4	-6.9	14	12	9	0	88	4	127	87
	342	MANSÛRA	220	3		03	5	5	Sc,cu	11.0	-5.1	12	10	10	+1	88	dr	62	44
	348	ȚANȚA	220	6	20	02	6	0	—	11.9	-4.9	14	10	8	0	77	dr	71	33
	360	SHEBÎN EL KÔM	220	2	10	01	1	1	cu	11.2	-5.3	13	9	11		77	0	55	
	354	ZAGAZIG	220	1	10	03	6	8	Ac	10.6	-5.8	13	9	10	+2	77	2	50	22
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	250	7	14	01	2	7	cu,Sc	11.1		14	8	12		67	0	46	
	372	CAIRO ALMÂZA (A)	190	6	15	02	2	7	Sc,cu	11.0	-6.0	15	10	13	+2	72	0.2	51	
	374	CAIRO EZBEKÎYA										15	10	13	+3	72	0.5	41	20
	375	GIZA	180	3	8	80	—	5	Sc	11.8	-5.0	14	8	11	+3	67	0.2	46	20
	378	ḤELWÂN	00	0	10	02	2	8	cu,AC	11.6	-5.0	13	7	12	+1	67	0	32	21
UPPER EGYPT	381	FAYOÛM	240	6	20	02	0	0	—	12.6	-3.9	15	6	10	+1	55	0	16	7
	387	MINYA (A)	180	4	9	02	0	3	AC	12.1	-5.7	13	5	9	+2	59	0	2	
	393	AṢYOÛṬ (A)	270	6	12	03	1	5	ci	14.4	-2.2	15	-2	12	+4	32	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	2	AC	14.8	-1.2	15	4	9	+1	48	0	1	
	402	QENA	290	2	10	00	0	0	—	14.2	-1.0	16	5	7	-4	49	0	dr	
	405	LUXOR (A)	190	3	22	02	0	0	—	14.0	-1.7	18	2	11		34	0	0	
	414	ASWÂN	360	6	12	02	0	0	—	15.4	0.0	17	-1	11	-3	30	0	8	
OASES	417	SÎWA	280	5	14	02	1	0	—	12.7	-5.5	11	7	8	0	77	0.2	23	7
	420	BAHARÎYA	240	5	20	02	0	0	—	13.3	-3.8	12	9	8	-1	82	0	2	7
	423	FARAFRA	260	5	15	02	0	0	—	15.6		10	-2	6		44	0	dr	
	432	DAKHLA	150	2	18	02	0	0	—	16.2	-0.5	11	-6	5	-4	30	0	.1	
	435	KHARGA	00	0	10	02	0	0	—	13.5	-2.7	14	0	7	-4	39	0	3	
RED SEA	450	SUEZ	310	6	20	00	0	5	cu	12.2	-3.8	16	10	13	+1	68	0	28	13
	459	TÔR																	12
	462	HURGHÂDA	280	12	22	01	0	3	AC	11.4	-4.3	19	3	13	+1	35	0	dr	
	465	QUSEIR	280	7	20	02	0	0	—	12.7	-1.8	21	0	15	-1	25	0	dr	4
	641	PORT SÛDÂN	340	2	20	02	2	7	Sc	13.2		24	22			89	dr		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	03	0	1		16.4		15	-1	10		34	0		
	640	ABU HAMAD	360	5	24	03	2	8	cs	14.9		20	-3			21	0		
	660	KAREIMA	70	5	21	03	0	7	cs	14.7		19	-1	17		26	0		
	680	'AṬBARA	10	10	20	02	2	7	AC	13.8		22	-4			17	0		
	721	KHARṬOÛM	360	8	20	02	2	7	Ac,As	12.2		24	1			22	0		
	730	KASSALA	210	3	20	02	2	7	Ac,As	12.3		24	15	23		57	0		
CENTRAL SUDAN	751	WÂD MEDANI	90	5	20	02	2	8	AC	12.8		25	-5	20		14	0		
	801	RENK	230	5	20	02	2	8	Sc	12.0		25	9	23		36	0		
	802	ROSEIRES	130	5	20	02	6	8	Ac	11.9		24	21	22		84	4		
	771	EL OBEID	40	4	20	02	2	6	Ac,cs	11.6		24	-3	15		17	0		
	760	EL FASHER	290	5	24	02	2	7	cs	14.2		16	-8			19	0		
	770	GENEINA	50	7	30	03	2	7	cs	14.0		19	-17	12		8	0		
S. SÛDÂN	840	MALAKÂL	310	2	20	02	2	7	Ac,As	13.5		24	18	23		69	0		
	880	WÂU	320	5	20	02	2	6		11.0		24					dr		
	941	JUBA	180	6	24	02	1	5	AC	12.6		23	19	22		79	3		
RETARDS	DATE																		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3		11-3	
TIME	15		14		14		15		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	5	330	10	310	12	320	13	280	9	270	24	270	20	280	11	280	22	290	6	330	20
600 m.	330	4	290	10	270	10	280	17	260	10	270	20	300	8	270	7	280	21	290	7	330	30
1000 m.	340	3	280	11	270	21	270	17	260	13	260	10	270	17	270	19	270	23	280	6	230	25
1500 m.	320	4	260	12	240	17	250	17			260	11	280	23	270	16	270	19	290	10	300	44
2100 m.	290	6	260	10			250	23			260	33	360	6	290	17	280	18				
2400 m.	290	12	260	13			250	23			260	20	310	6	280	17	240	16				
3000 m.	280	12	270	13													250	30				
4000 m.	290	10	270	16																		
5000 m.	290	10																				
6000 m.	250	16																				

STATION	Kharga		Hurghada				P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Dakhla		Kharga	
DATE	11-3		11-3				12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3	
TIME	14		14				2		3		2		2		2		2		3		3	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	14	260	20			240	18	230	16	320	9	300	10	270	8	360	16	310	7	350	14
600 m.	280	13	260	16			230	26	250	17	290	15	300	24	260	10	10	15	330	9	340	18
1000 m.	270	10	260	23			280	27	260	18	270	20	320	16	300	10	360	17	300	14	330	18
1500 m.	280	10	220	3			270	23	250	23	260	26	290	20	260	6	340	17			310	31
2100 m.	290	30	260	20							260	30			260	6						
2400 m.	280	45	240	20							250	27										
3000 m.	260	52									250	33										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P. Said		Cairo (A)		Minya		Luxor		Siwa		Farafra		Dakhla		Kharga		Hurghada					
DATE	12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3					
TIME	8		8		8		8		8		8		8		8		8					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	10	240	12	290	12	310	6	330	8	310	5	300	8	20	3	290	6				
600 m.	280	17	230	6	270	13	260	5	340	7	320	5	290	10	330	4	260	10				
1000 m.	270	15			270	6	270	4	350	10	320	12			300	10	260	12				
1500 m.	240	23					240	10	310	17	310	13			280	16	240	16				
2100 m.	250	18					220	25	300	11					210	37	250	22				
2400 m.	270	16					220	32	280	13					340	37	240	36				
3000 m.							260	38							250	50	220	38				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	11-3					11-3														
TIME	15					15														
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18				25	16													
1000 mb.	87	19		350	8	98	15													
950 mb.																				
900 mb.																				
850 mb.	1447	6		250	17	1446	4		320	4										
800 mb.																				
700 mb.	3003	-6				2992	-7		280	12										
600 mb.																				
500 mb.	5551	-25				5524	-26		280	11										
400 mb.						7[illegible]	-40		220	14										
300 mb.						[illegible]95	-51		250	15										
200 mb.						11620	-53													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 12th March, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues decreasing gradually. Low clouds increasing over Cairo, Lower and Middle Egypt. Scattered showers specially on northern coast. Moderate NWly winds.

In Upper Egypt: Mainly clear. Light Wly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 09 U T
Sunset 16 02 U T

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 11 th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	30	10	18	02	8	8	Cu, Sc	11.1	16	10	68	
	303	SÎDI BARRÂNI	40	20	18	15	2	7	Cb	9.9	16	11	72	
	306	MATRÛḤ (A)	360	14	16	51	5	6	Cu, Sc	9.8	15	12	72	
	309	EL DAB'AA			20	00	0	4	Cu	9.4	17	9	60	
	319	ALEXANDRIA	270	10	20	01	5	2	Cu	9.5	17	11	68	
	318	ALEXANDRIA (A)	310	12	12	02	2	5	Cu, Sc	9.2	18	12	68	
	330	DAMIETTA	340	5	20	02	6	6	Cu, Sc	9.9	15	11	77	
	333	PORT SA'ÎD (A)	340	13	18	80	8	7	Cb	9.1	17	11	68	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	290	5	10	01	6	5	Cu, Sc	9.9	17	13	77	
	342	MANṢÛRA	270	5		03	2	1	Sc, Cu	9.0	19	8	52	
	348	ṬANṬA	220	7	20	03	2	5	Cu	9.8	20	8	46	
	360	SHEBÎN EL KÔM	320	5	20	01	1	4	Cu	9.6	18	8	52	
	354	ZAGAZIG												
	441	ISMA'ÎLÎA												
CAIRO AREA	366	CAIRO (A)	320	12	30	01	2	5	Cu	8.8	19	3	35	
	372	CAIRO ALMÂZA (A)	240	15	25	02	1	6	Cu	9.3	21	11	33	
	374	CAIRO EZBEKÎYA												
	375	GIZA	300	9	10	80	8	5	Sc	9.9	20	-5	18	
	378	ḤELWÂN	220	6	20	02	5	8	Cb	9.4	18	6	46	
UPPER EGYPT	381	FAYOÛM												
	387	MINYA (A)	260	12	10	02	1	4	Sc, Cu	8.6	24	2	24	
	393	ASYOÛT (A)	260	10	20	01	0	3	Cu	10.5	24	0	21	
	399	NAG' HAMÂDI	90	3	20	01	0	3	Ac, Cs	11.9	26	0	18	
	402	QENA	290	3	20	03	1	2	Ci	12.0	23	8	38	
	405	LUXOR (A)	270	15	22	02	0	0	—	10.4	26	-2	16	
	414	ASWÂN	270	19	12	05	0	0	—	11.7	27	-5	12	
OASES	417	SÎWA	320	14	16	02	1	5	Cu	11.2	18	6	46	
	420	BAḤARÎYA	240	10	20	03	2	5	Sc	10.5	22	10	47	
	423	FARAFRA	270	6	20	01	0	1	Cu	12.1	23	-2	19	
	432	DAKHLA	320	14	15	03	0	2	Cu	12.7	25	-8	11	
	435	KHARGA	200	30	12	03	0	2	As, Ac	9.5	27	4	23	
RED SEA	450	SUEZ	270	11	50	02	0	5	Cu	10.6	21	4	33	
	459	TÛR												
	462	HURGHÂDA	280	19	22	02	0	6	Sc, Cu	9.2	26	-3	15	
	465	QUSEIR	300	18	20	03	0	1	Sc, Cu, As	10.2	27	-8	9	
	641	PORT SÛDÂN	90	6	20	02	8	7	Sc, As, Cs	10.1	29	-2	66	
NORTH SUDAN	600	WÂDI ḤALFA	30	4	20	01	0	1	Ci	11.6	27	-1	16	
	640	ABU ḤAMAD	340	5	24	02	2	8	Cs	9.7	30	-1	12	
	660	KAREIMA	10	5	21	02	2	7	Cs	10.1	31	-3	11	
	680	ẬTBARA	340	10	20	03	2	7	Ac, Cs	8.9	32	-8	7	
	721	KHARTOÛM	50	13	20	01	2	6	Ac, Cs	8.3	32	-2	15	
	730	KASSALA	00	0	20	02	2	7	Ac, As	6.7	32	13	32	
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	2	7	Ac	8.6	23	-7	13	
	801	RENK	360	2	20	01	2	4	Ac	8.8	33	9	23	
	802	ROSEIRES	120	5	20	02	2	8	Cu	5.8	32	15	36	
	771	EL OBEID	130	8	20	02	2	6	Ac	6.2	33	-7	7	
	760	EL FASHER	130	9	24	02	2	7	Cs	6.9	31	-4	10	
	770	GENEINA	170	4	50	01	2	4	Cs	7.5		-11		
S. SÛDÂN	840	MALAKÂL	20	4	20	03	2	7	Cu, Cs	8.0	32	17	41	
	880	WÂU	20	5	20	01	2	6	Cu, Ac	5.7	34	12	27	
	941	JUBA	50	1	24	01	2	5	Cu, Ac, Cs	7.6	31	17	43	

At 1800 on 11 th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %
SALLOÛM	20	14	10	02	6	8	As, Ac	11.8	15	7	16	-5	59
SÎDI BARRÂNI	40	26	12	02	8	8	Cb	11.7	14	9	16		72
MATRÛḤ (A)	10	18	12	02	2	8	Cu, Sc	11.3	14	10	18		77
EL DAB'AA				00	0	7	Ac, As	10.6	14	10	18		77
ALEXANDRIA	40	9	20	03	0	5	As, Cu	10.4	15	9	18	-3	68
ALEXANDRIA (A)	10	5	12	02	0	2	Cu	10.0	14	10	18	-2	77
DAMIETTA	320	2		00	6	0	—	10.4	13	11	17	-3	88
PORT SA'ÎD (A)	50	5	14	13	8	1	Sc	10.1	15	11	20	+1	77
DAMANHÛR	270	2	10	02	1	3	Ac	10.2	13	9	19	-4	77
MANṢÛRA	320	3		01	1	4	Sc, Cu	10.3	14	8	20	-3	67
ṬANṬA	00	0	20	01	1	4	Cu	10.4	13	11	22	-1	88
SHEBÎN EL KÔM	320	2	10	01	1	3	Sc	10.4	14	8	20		67
ZAGAZIG	220	1	10	01	1	5	Sc	9.6	15	13	23	0	88
ISMA'ÎLÎA													
CAIRO (A)	90	4	12	50	5	4	Sc, Cu	9.8	15	11	21		77
CAIRO ALMÂZA (A)	320	2	20	25	8	5	Cu	10.0	15	11	23		77
CAIRO EZBEKÎYA											23	-1	
GIZA	00	5	8	01	8	3	Sc	10.3	16	10	22	0	68
ḤELWÂN	00	0	10	02	6	7	Cb	10.0	15	9	20	-3	68
FAYOÛM	290	4	20	20	1	5	St	10.0	16	5	25	0	49
MINYA (A)	310	5	8	02	1	0	—	9.3	15	0	24	0	36
ASYOÛT (A)	00	0	12	02	0	0	—	11.5	18	-3	25	0	24
NAG' HAMÂDI	00	0		00	0	0	—	12.6	17	9	26	0	60
QENA	00	0		00	0	0	—	12.3	15	7	24	-6	59
LUXOR (A)	00	0	12	02	0	0	—	11.3	19	3	26		35
ASWÂN	330	6	12	02	0	0	—	12.0	23	2	28	-2	26
SÎWA	310	14	14	02	1	4	Sc	12.0	15	6	20	-5	55
BAḤARÎYA	290	3	10	02	1	0	—	11.2	16	7	23	-2	56
FARAFRA	320	1	12	00	0	0	—	13.0	16	1	23		36
DAKHLA	290	3	10	03	1	7	Ac	12.4	21	-3	26	-2	20
KHARGA	00	0	6	03	1	7	Sc, Cu	9.6	19	1	27	-1	30
SUEZ	310	9	10	02	0	5	Cu	11.9	18	6	28	+5	46
TÛR													
HURGHÂDA	130	8	12	01	0	1	Sc, Cu	11.0	20	12	27	+5	60
QUSEIR	270	7	20	01	0	0	—	11.6	21	7	28	+3	41
PORT SÛDÂN	350	3	20	01	1	4	Ac	12.9	24	17	29		65
WÂDI ḤALFA	00	0	20	01	0	0	—	12.2	23	0	29		22
ABU ḤAMAD	00	0	24	01	2	1	Ci	11.8	23	0	31		22
KAREIMA	00	0	21	01	2	4	Cs	12.0	23	3	33		27
ẬTBARA	20	7	20	01	2	4	Ac, Ci	10.7	27	-7	33		10
KHARTOÛM	10	6	20	03	2	7	Ac, As	9.6	28	3	33		20
KASSALA	00	0	20	02	2	7	Ac, As	7.8	28	13	33		40
WÂD MEDANI											35		
RENK											35		
ROSEIRES													
EL OBEID	40	8	20	02	2	7	Ac, As	8.0	29	-5	33		11
EL FASHER	130	1	20	02	2	7	Ac, Cs	8.1	26	0	33		18
GENEINA	290	6	50	01	2	1	Ci	9.0	26	-9	34		9
MALAKÂL	180	6	20	13	2	7	Cu, Ac, Cs	7.8	30	18	33		49
WÂU	00	0	20	01	1	4	Cs	6.5	30	13	36		35
JUBA	00	0	24	02	2	7	Ac, Cs	9.2	26	22	31		79

At 0600 on TUESDAY 12th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	60	8	18	02	2	8	As	14.8	-1.6	12	7	10	-1	72	4	232	
SÎDI BARRÂNI	360	14	15	02	2	8	Cu, Sc	14.2		12	6	9		67	2	221	
MATRÛḤ (A)	340	15	16	03	2	8	Cu, Sc	13.7	-3.0	13	9	10		77	6	238	
EL DAB'AA			10	02	0	7	Ac, As	12.8		13	9	10		77	20	190	
ALEXANDRIA	40	16	20	02	8	5	Cu, Sc, Ci	12.0	-4.1	14	8	12	-1	67	2	251	174
ALEXANDRIA (A)	360	14	12	02	8	5	Cu, Sc, Ac	11.5	-5.1	14	10	10	-1	77	2	225	134
DAMIETTA	200	2		03	1	5	Ac	11.2	-4.7	12	10	9	-1	88	7	208	95
PORT SA'ÎD (A)	270	14	18	02	8	4	Cu, Sc, Ci	11.0	-5.3	15	9	12	-1	68	1		
EL 'ARISH																	
DAMANHÛR	270	2	10	03	6	3	Ac, As	11.4	-4.9	14	10	10	0	77	2	129	87
MANṢÛRA	220	3		03	5	5	Cb	11.4	-4.7	13	11	10	+1	88	tr	62	44
ṬANṬA	00	0	20	01	6	4	Cu	12.4	-4.4	13	11	9	+1	88	2	73	34
SHEBÎN EL KÔM	320	2	10	01	1	1	St	12.2	-4.3	13	9	10		77	2	57	
ZAGAZIG	220	1	10	03	1	3	As	11.3	-5.3	12	10	8	0	88	2	52	23
ISMA'ÎLÎA																	
CAIRO (A)	230	8	12	02	0	3	Sc	12.4		13	7	10		67	1	47	
CAIRO ALMÂZA (A)	200	13	15	02	0	2	Sc, Cu, Ci	12.1	-4.9	13	7	10	-1	67	1	52	
CAIRO EZBEKÎYA										14	8	11	+1	67	tr	41	20
GIZA	200	7	3	05	—	2	Ac	13.1	-3.6	13	8	8	0	72	1	47	20
ḤELWÂN	00	0	3	05	0	1	Sc	13.2	-3.3	11	9	9	-2	88	0.4	33	21
FAYOÛM															tr	16	7
MINYA (A)	250	3	8	02	0	0	—	12.6	-5.2	12	3	5	-2	55	0	2	
ASYOÛT (A)	00	0	16	02	0	0	—	14.1	-2.4	16	0	11	+2	34	0	tr	
NAG' HAMÂDI	00	0		03	0	4	Ac, Cs	14.6	-1.4	18	6	12	+4	46	0	1	
QENA	240	3	10	00	0	0	—	13.9	-1.2	18	8	8	-3	52	0	tr	
LUXOR (A)	00	0	22	03	0	2	Ac	13.3	-2.4	19	0	14		28	0	0	
ASWÂN	360	7	13	01	0	0	—	13.3	-2.0	16	1	12	-2	36	0	8	
SÎWA	320	9	16	03	0	1	Ac	16.1	-2.0	10	7	9	+1	82	0	23	7
BAḤARÎYA	320	3	20	03	2	7	Cu, Sc	14.4	-2.6	9	9	8	-1	97	0	2	7
FARAFRA	220	6	15	03	0	1	Sc	16.5		12	4	10		59	0	tr	
DAKHLA	280	11	13	02	0	0	—	16.7	+0.1	13	-3	9	0	34	0	1	
KHARGA	350	1	12	01	2	0	—	13.3	-2.8	17	4	13	+2	42	0	3	
SUEZ	00	0	20	00	0	3	Cu	12.4	-3.6	18	8	8	-4	52	2	30	13
TÛR																	12
HURGHÂDA	320	5	20	02	2	6	Sc, Cu	12.1	-3.5	21	2	12	0	29	0	tr	
QUSEIR	270	6	20	03	0	6	Sc, Ac, Ci	12.7	-1.8	21	-3	17	+1	20	0	tr	4
PORT SÛDÂN	00	0	20	03	0	3	Ac	14.4		23	17			69	0		
WÂDI ḤALFA	140	9	20	02	0	0	—	14.2		16	-5	11		24	0		
ABU ḤAMAD	00	0	24	02	0	1	Ci	14.5		19	-3	14		23	0		
KAREIMA	50	1	21	02	1	4	Ci	14.5		19	-1	13		26	0		
ẬTBARA	10	7	20	01	1	4	Ac, Ci	13.6		21	-1	15		23	0		
KHARTOÛM	50	5	20	01	2	5	Ac, Ci	12.5		23	2	21		26	0		
KASSALA	30	2	20	25	8	7	Ac, Cs	12.1		25	14	22		51	tr		
WÂD MEDANI	90	5	20	02	2	7	Ac	13.2		25	-5	19		14	0		
RENK	130	2	20	02	1	6	Ac	13.4		27	18	22		58	0		
ROSEIRES																	
EL OBEID	100	9	20	01	1	3	Ac, Ci	11.5		15	-11	17		16	0		
EL FASHER	340	6	20	02	2	7	Cs	13.2		20	-5	13		18	0		
GENEINA	00	0	20	05	0	1	Ci	15.5		14	-11	11		17	0		
MALAKÂL	150	3	20	60	6	7	Ac, As	12.9		25	21	24		79	tr		
WÂU	00	0	20	02	2	7	Ac, As	10.6			17	25			0		
JUBA	180	7	24	02	2	7	Ac, Cs	12.4		25	20	23		74	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3		12-3	
TIME	14		14		15		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	12	320	7	320	17	320	4	290	9	300	23	290	7	330	8	320	10	300	13	300	11
600 m.	230	17	280	8	290	17	290	6	290	11	280	14	300	14	330	9	310	17	290	11	320	30
1000 m.			250	12	290	17	280	6	280	9	270	13	300	13	310	13	320	9	300	28	320	30
1500 m.			270	20	260	15	300	11			270	16	290	14	310	15	310	17			340	10
2100 m.			260	16	260	18					270	17	290	19	290	10	300	11			230	12
2400 m.			260	20	270	18					280	22	280	23	290	13	300	18			360	17
3000 m.					260	24					280	26			290	18	300	13				
4000 m.					260	24									260	13						
5000 m.					250	26																
6000 m.					270	54																

STATION	Hurghada						P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Dakhla		Kharga	
DATE	12-3						13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3	
TIME	14						2		2		2		2		3		2		4		3	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	8					260	12	270	11	200	4	300	11	250	10	340	16	340	14	10	8
600 m.	260	6					260	12	280	12	210	3	330	14	300	7	340	19	330	10	360	22
1000 m.	250	10					260	14	280	13	170	5	320	17	300	12	300	18	350	17	340	17
1500 m.	240	16					250	7			360	12	300	16	310	11	300	28				
2100 m.	230	16											270	20	310	26	300	22				
2400 m.	240	20											260	20	320	15	290	20				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	14	250	19	310	17	310	13	340	4	320	12	320	17	350	15	340	17	360	9	300	6
600 m.	270	23	250	24	300	14	300	13	320	2	320	12	300	23	350	20	350	13	10	12	280	11
1000 m.	260	37	250	20	300	18	320	17	320	3	280	16	280	9	350	17	330	16	350	12	270	17
1500 m.	280	38	260	22	290	40	300	17	300	9	300	26			330	11					270	17
2100 m.			240	23			290	25	270	20	300	23			310	13					260	20
2400 m.			190	11			290	26	280	21												
3000 m.			220	14																		
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	12-3																					
TIME	15																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	17																		
1000 mb.	117	17		350	17															
950 mb.																				
900 mb.																				
850 mb.	1475	5		260	15															
800 mb.																				
700 mb.	3031	-5		260	24															
600 mb.																				
500 mb.	5579	-24		260	32															
400 mb.	7185	-33																		
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 13th MARCH 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature continues all over the Republic. Low clouds over Lower and Middle Egypt, increasing at times with scattered rain. Moderate W/NW'ly winds, fresh at times. In Upper Egypt: Mainly clear; light NW'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 08 U.T. / " " Sunset 16 02 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 12th — At 1800 on 12th

1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km. (or m.)	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar. Pressure M.S.L. mb.	1200 Temperatures Dry Bulb	1200 Temperatures Dew Point	1200 Relative Humidity %	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km. (or m.)	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar. Pressure M.S.L. mb	1800 Temperatures Dry Bulb	1800 Temperatures Dew Point	1800 Maximum Today	1800 Maximum Diff. from normal	1800 Relative Humidity %	Rain past 12 hrs. mms.
360	10	18	02	5	8	cu, Sc	15.0	15	6	55	270	14	12	01	2	5	Sc	16.0	11	3	16	-5	58	0.3
350	12	16	03	5	7	cu, Sc, AC	13.9	14	8	67	340	15	12	01	2	6	cu, Sc	14.7	12	6	14		67	3
300	12	16	02	2	7	cu, Sc	14.0	15	7	59	310	15	12	02	2	6	cu, Sc	14.4	12	9	16		82	1
														00	0	3	cl	13.8	11	9	16		88	0
340	11	20	02	1	5	cu, Sc	12.8	17	9	60	310	14	20	01	6	6	cu, AC	14.0	14	8	20	-1	67	1
340	11	16	03	2	7	cb	12.4	17	12	72	330	10	12	02	8	8	cu	13.4	14	9	18	-2	72	0.3
340	2	10	03	1	7	cu	11.2	16	10	68	340	2		03	1	2	cu	12.7	13	11	16	-4	88	0
220	12	18	80	2	7	cb	10.9	16	10	68	300	12	10	01	8	4	cb, ci	12.5	15	9	19	0	68	0.4
											310	2		03	1	6	As	13.0	13	9	18	-5	77	0
270	5	4	13	1	6	cb	11.9	18	10	62	00	0		01	1	3	cb	13.1	14	8	18	-5	67	0
310	2	20	03	6	7	st	12.8	17	9	60	00	0	10	03	2	8		14.0	12	10	18	-5	88	0.6
											320	2	10	01	1	4	cu	13.4	14	8	18		67	dr
											00	0	10	03	1	6	cu	11.9	14	12	21	-3	88	0
300	12	15	02	2	6	cu	11.7	18	7	49	350	8	12	50	5	8	NS	13.8	14	8	19		67	0
270	16	25	02	2	7	cu, Sc, AC	11.9	18	6	46	330	8	15	52	5	7	Sc, cu, As	13.6	15	8	20	-3	63	dr
																					21	-3		
300	9	10	02	1	7	cu	12.4	19	9	52	30	7	8	30	8	7	Sc, cu	12.9	14	10	20	-4	77	dr
290	8	50	02	2	7	cb	12.3	17	7	52	340	0	10	02	6	8	cu	13.5	14	8	19	-5	67	0.2
290	6	20	03	1	8	st	12.7	21	7	41	300	0	20	03	2	7	st	13.4	16	8	23	-2	59	0
300	9	10	02	0	4	cu	12.1	22	5	29	300	5	9	03	1	5	Sc	12.8	16	8	22	-2	59	0
280	10	20	02	0	1	cu	12.4	21	1	21	290	5	12	02	0	0	—	14.1	16	3	22	-3	42	0
00	0	10	02	0	3	AC, CS	12.2	24	0	21	00	0		00	0	0	—	13.6	16	8	25	-1	59	0
											00	0		00	0	0	—	13.3	16	5	23	-7	49	0
250	4	22	02	0	0	—	11.7	26	1	22	310	4	12	02	0	0	—	12.8	18	2	26		34	0
260	16	15	02	0	0	—	10.5	30	-10	7	310	6	16	02	0	0	—	12.8	23	-5	30	0	15	0
300	14	16	02	1	5	NS, AC	15.8	19	5	40	340	12	14	02	1	4	AC	15.9	16	1	19	-6	36	0
280	6	20	03	0	3	cu	15.6	20	4	35														
290	10	20	02	0	0	—	14.5	21	-8	14	280	11		02	0	0	—	15.5	17	-8	22	-6	18	0
350	3	12	02	0	0	—	11.8	25	3	24	340	1	8	02	0	0	—	12.8	18	2	25	-3	34	0
310	8	50	03	0	6	cu	11.5	21	4	32	310	8	10	01	6	5	cu	13.9	16	10	22	-2	68	dr
40	9	22	02	0	3	Sc	10.4	23	6	34	160	4	12	01	0	0	—	11.1	20	9	25	+3	49	0
60	7	20	01	1	1	cu, As	10.8	23	8	38	300	3	20	02	0	0	—	12.0	20	11	27	+2	56	0
100	8	20	01	0	1	ci	11.9	27	17	55	160	1	20	02	0	0		11.3	25	20	28		74	0
300	12	20	02	0	0	—	11.4	29	-4	11	10	9	20	02	0	0	—	13.3	22	1	31		25	0
270	2	24	02	0	0	—	10.5	32	3	10	00	0	24	02	0	0	—	10.7	25	0	33		19	0
310	2	21	02	0	0	—	9.8	33	-5	8	20	1	21	02	0	0	—	10.6	26	-5	34		13	0
330	6	20	02	1	1	ci	8.7	35	-5	8	40	8	20	01	0	0	—	9.9	29	-8	35		8	0
90	3	20	01	1	2	ci	8.0	35	5	15	10	8	20	02	0	1	ci	8.2	30	6	34		22	0
360	1	20	21	6	6	AC, As	7.7	32	17	41	60	1	20	02	1	3	AC	9.0	28	14	36		42	0.3
360	5	20	02	2	2	AC	7.2	35	-1	10											37			
180	5	20	02	1	3	AC	8.8	35	17	35											36			
230	5	20	02	2	7	cu	6.7	34	15	30											35			
130	4	20	01	1	2	ci	6.0	35	-3	9	60	6	20	01	0	0	—	6.4	27	-1	35		16	0
70	8	20	01	2	6	cs	6.4	33	-2	10	00	0	20	01	2	1	ci	6.9	28	7	34		27	0
220	1	50	03	0	1	ci	7.4	33	-9	6	300	5	30	02	0	0	—	7.7	29	-7	34		9	0
230	2	20	02	6	6	cu, cs	6.8	35	17	35	110	1	20	13	9	7	cb, AC, CS	8.4	27	21	36		70	3
00	0	20	03	2	6	cu, ci	5.4	36	15	29	00	0	20	01	2	4	AC, CS	5.4	32	17	36		41	0
180	5	24	02	2	6	cu, cs	7.3	33	19	44	120	1	24	13	2	7	cb, AC, CS	7.8	28	21	34		66	0

At 0600 on WEDNESDAY 13th MARCH, 1957

Area	Index Number	Station	0600 Wind Direction Deg.	0600 Wind Velocity in Knots	0600 Visibility in Km. (or m.)	0600 Present Weather ww	0600 Past Weather W	0600 Cloud Amount 0-8	0600 Cloud Forms	0600 Bar. Pressure M.S.L. mb.	0600 Bar. Pressure Diff. from normal mb.	0600 Temperatures Dry Bulb	0600 Temperatures Dew Point	0600 Minimum Today	0600 Minimum Diff. from normal	0600 Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	15	18	02	2	7	Sc, AC	16.7	+0.4	10	3	9	-2	62	0.4	232	
	303	SÎDI BARRÂNI	330	18	16	02	2	7	Sc	14.7		12	6	9		67	3	224	
	306	MATRÛḤ (A)	260	17	15	02	8	6	cu	14.5	-2.2	11	8	8		82	5	243	
	309	EL ḎAB'AA	00	0	10	01	0	6	cu	13.4		10	6	7		76	10	200	
	319	ALEXANDRIA	270	16	20	03	8	7	cu, Sc	13.5	-2.6	11	9	9	-4	88	19	270	175
	318	ALEXANDRIA (A)	270	14	10	25	9	7	cb	13.0	-2.6	13	9	9	-2	77	12	237	135
	330	DAMIETTA	200	2		02	1	2	AC	13.0	-2.9	11	9	7	-3	88	0	208	95
	333	PORT SA'ÎD (A)	270	20	10	01	0	2	cb	12.9	-3.4	12	8	10	-3	77	0.4		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	310	2	10	01	9	3	cu	13.5	-2.8	12	8	7	-3	77	5	134	87
	342	MANṢÛRA	270	3		00	6	0	—	13.0	-3.1	11	9	8	-1	88	2	64	44
	348	ṬANṬA	220	2	20	03	6	6	cu	14.7	-2.1	11	9	7	-1	88	1	74	34
	360	SHEBÎN EL KÔM	320	5	10	01	1	2	cu	14.4	-2.0	13	9	10		77	dr	57	
	354	ZAGAZIG	00	0	10	02	0	0	—	14.1	-2.2	12	10	9	+1	88	0	52	23
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	290	10	12	02	8	6	Sc, AC	14.4		12	9	10		82	0.6	48	
	372	CAIRO ALMÂZA (A)	240	9	15	03	6	7	cu, Sc	14.2	-2.7	13	8	10	-1	72	1	53	
	374	CAIRO EZBEKÎYA										13	9	10	0	77	2	43	20
	375	GIZA	290	8	8	03	—	6	cu	15.1	-1.6	12	10	9	+1	88	3	50	20
	378	ḤELWÂN	00	0	10	61	6	8	cb	14.8	-1.6	10	10	8	-3	97	2	35	22
UPPER EGYPT	381	FAYOÛM	290	4	20	02	2	7	NS	15.5	-0.9	13	7	10	+1	67	0	16	7
	387	MINYA (A)	300	8	7	02	0	0	—	15.4	-2.3	13	3	8	+1	51	0	2	
	393	AṢYOÛṬ (A)	290	6	12	01	0	0	—	16.0	-0.4	14	1	12	+3	42	0	dr	
	399	NAG' ḤAMÂDI	00	0		01	0	2	AC	16.3	+0.4	14	5	8	0	55	0	1	
	402	QENA	290	2	10	00	0	0	—	15.5	+0.4	15	7	7	-4	59	0	dr	
	405	LUXOR (A)	240	3	22	02	0	0	—	14.9	-0.7	16	3	10		42	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	15.5	+0.3	16	2	10	-4	30	0	8	
OASES	417	SÎWA	340	6	15	02	0	2	Sc	18.1	0.0	9	2	6	-2	62	0	23	7
	420	BAḤARÎYA	240	2	10	02	0	0	—	17.4	+0.4	11	7	7	-2	77	0	2	7
	423	FARAFRA	360	3	15	02	0	0	—	19.3		12	1	8		47	0	dr	
	432	DAKHLA	290	4	18	02	0	0	—	17.8	+1.2	13	7	10	0	24	0	1	
	435	KHARGA	290	5	15	02	0	0	—	16.0	-1.0	15	4	7	-4	48	0	3	
RED SEA	450	SUEZ	180	7	20	00	6	4	cu	15.1	-0.9	15	9	9	-3	68	3	33	13
	459	TÔR																	12
	462	HURGHÂDA	300	8	22	02	0	1	cu	13.0	-2.6	18	9	10	-2	56	0	dr	
	465	QUSEIR	290	12	20	03	0	1	cu	13.8	-0.6	20	2	13	-4	30	0	dr	4
	641	PORT SÛDÂN	180	3	20	02	0	0	—	13.5		25	20			74	0		
NORTH SUDAN	600	WÂDI ḤALFA	20	3	20	02	0	0	—	15.8		15	0	11		36	0		
	640	ABU ḤAMAD																	
	660	KAREIMA																	
	680	ÀṬBARA																	
	721	KHARṬOÛM	80	10	20	02	0	0	—	10.7		26	0			18	0		
	780	KASSALA	40	1	20	02	0	0	—	10.9		28	15			45	0.3		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	0	0	—	10.9		28	-6			10	0		
	801	RENK	360	2	20	02	0	1	AC	11.2		28	13			40	0		
	802	ROSEIRES	310	5	20	02	0	1	AC	9.5		26	17			58	0		
	771	EL OBEID	70	11	20	02	0	2	AC	10.6		25	-5			14	0		
	760	EL FASHER	360	8	17	06	0	0	—	10.9		22	-2			20	0		
	770	GENEINA	90	1	50	02	0	1	CS	13.4		15	-6			23	0		
S. SUDAN	840	MALAKÂL	160	7	20	01	1	1	AC	9.6		28	18			55	3		
	880	WÂU	00	0	20	02	0	8	—	7.7		27	20			66	0		
	941	JUBA	180	5	24	02	0	1	AC, Ci	9.3		27	20			66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Baharya		Farafra		Dakhla		Kharga	
DATE	13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3		13-3	
TIME	14		14		15,45		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	23	260	25	280	16	280	15	300	22	350	8	310	14	300	19	310	29	340	22	350	4
600 m.	320	38	260	30	290	18	290	15	290	27	340	16	320	19	300	32	310	17	340	25	350	10
1000 m.	320	38	250	16	290	21	300	16	290	18	350	14	310	21	310	23	310	12	350	28	340	20
1500 m.	300	31	250	34	290	24	300	23	290	23	330	12	300	19			310	17			320	18
2100 m.					290	24	290	38			350	19									320	14
2400 m.					280	27					350	24										
3000 m.					280	24					360	30										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Hurghada				Alex.(A)		P.Said		Luxor		Siwa		Dakhla		Kharga		Hurghada				Hurghada	
DATE	13-3				14-3		14-3		14-3		14-3		14-3		14-3		14-3				14-3	
TIME	14				2		2		2		2		4		3		2				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	9			300	12	280	27	330	7	350	8	360	20	350	8	290	20			320	18
600 m.	260	6			290	25	290	37	320	16	340	13	360	24	350	16	300	23			310	16
1000 m.	270	7			320	19	290	35	320	21	300	16	350	27	350	18	320	12			290	9
1500 m.	270	24			300	14	280	20	320	13	300	13	330	35			320	22			280	20
2100 m.	260	40					300	21	340	10	320	17					300	23			280	34
2400 m.	270	15							320	13	330	19										
3000 m.									330	10	310	25										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex.(A)		P.Said		Cairo(A)		Minya		Luxor		Siwa		Baharya		Farafra		Dakhla		Kharga	
DATE	14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3	
TIME	8		8		8		8		8		8,30		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	260	10	280	12	240	13	230	13	290	20	350	10	320	11	320	12	280	8	340	19	340	4
600 m.	210	16	300	14	270	24	250	14	290	17	340	10	320	12	310	30	30	3	360	24	340	10
1000 m.	220	17	300	14	280	21	250	14	280	18	320	9	320	17	300	30	320	36	350	25	350	18
1500 m.	210	23			270	29	260	15	40	2	320	13	320	24	320	21	330	20	350	36	320	10
2100 m.					270	23			290	31	290	3	330	22	330	24	320	21			310	25
2400 m.					270	29			300	33	340	6	310	23	310	44	320	24			300	25
3000 m.													300	26			310	18			280	31
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	13-3																					
TIME	15,45																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface	70	14																				
1000 mb.	137	13		290	10																	
950 mb.																						
900 mb.																						
850 mb.	1482	3		290	24																	
800 mb.																						
700 mb.	3024	-8		280	24																	
600 mb.																						
500 mb.	5554	-26																				
400 mb.	7134	-36																				
300 mb.	9090	-44																				
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT - CAIRO

DATE THURSDAY 14th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour, not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour, not at time of observation
22	Snow	not falling as shower (s) — during preceding hour, not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour, not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour, not at time of observation
25	Shower (s) of rain	during preceding hour, not at time of observation
26	" of snow, or of rain and snow	during preceding hour, not at time of observation
27	" " hail, " " " " hail	during preceding hour, not at time of observation
28	Fog	during preceding hour, not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour, not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow* mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow* mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature. Much low cloud with risk of showers in the north coastal areas. Light/moderate W/NW ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 06 U.T. / " " Sunset 16 43 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
290	22	18	02	2	8	cu, Sc	18.0	14 3		48
360	18	18	02	6	7	cu, Sc	16.6	13 7		67
310	25	16	03	6	7	cu, Sc	15.7	14 8		61
		20	01	1	6	cu	14.8	15 7		59
310	22	20	01	6	6	cu, Sc	14.2	15 7		59
320	20	8	25	8	7	cu, Sc	13.6	16 7		72
200	9	20	03	6	5	cu	12.8	14 8		67
280	15	20	25	8	7	Cb	12.6	14 8		67
270	9	10	03	0	4	cu	13.4	16 8		59
320	3	·	01	6	4	Cb	13.5	14 10		77
220	10	20	03	6	5	cu	14.6	14 10		77
250	9	20	03	5	2	cu	14.7	17 9		42
270	1	20	03	1	6	Sc	13.2	18 10		60
310	18	20	03	2	6	cu, Sc	13.6	17 1		34
250	18	25	02	6	6	cu, Sc	13.5	18 2		34
290	10	10	03	6	6	cu	14.7	17 5		46
270	9	20	02	6	6	cu	14.2	15 1		39
290	6	20	03	2	3	NS	14.7	18 3		37
310	20	8	02	0	0	—	14.2	21 -4		18
280	10	16	02	0	1	cu	15.7	20 -2		23
290	2	10	02	0	3	AC, CS	15.5	21 4		33
290	3	20	03	1	3	ci	14.8	21 4		33
300	12	22	02	0	2	cu	14.0	23 4		29
290	8	14	02	0	0	—	13.6	28 -4		19
320	18	15	01	0	1	NS	18.3	17 -1		30
290	9	4	07	3	—	—	16.3	18 8		52
320	15	12	07	0	1	Sc, cu	19.0	18 -2		26
350	15	15	03	0	1	ci	17.5	18 -3		24
340	7	15	02	0	3	cu	15.0	22 5		33
270	7	50	02	6	4	cu	13.5	17 4		67
280	18	22	02	2	5	Sc	11.8	25 3		24
240	11	20	03	0	3	Sc, AC, ci	12.6	24 3		26

At 1800 on 13th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
270	12	10	02	2	9	Sc	19.1	12 1	15	-6		47	0
350	27	15	02	2	7	Sc	17.4	13 6	15			63	2
260	12	14	01	2	5	NS	17.5	11 7	16			77	0.2
310	22	20	03	6	3	ci	16.3	14 5	16	-5		55	2
320	17	10	01	2	4	cu, Sc	16.0	13 1	16	-4		44	3
200	5		01	6	3	cb	13.8	11 9	14	-6		88	4
270	19	14	80	8	6	cb	14.1	13 9	19	0		77	4
290	9	3	25	7	7	NS	15.5	12 8	17	-6		77	0
270	3		50	5	8	cb	15.1	12 8	17			77	4
00	0	20	01	1	4	cu	16.3	11 9	19	-5		88	2
220	1	10	02	0	0	—	15.6	12 10	20	-4		88	1
310	6	16	01	1	1	AC	16.5	12 7	18			72	0
260	8	25	01	1	2	Sc, cu	16.4	13 7	18	-5		67	dr
									20	-5			
310	4	10	01	8	4	AC	17.0	11 8	19	-5		82	3
00	0	10	01	2	2	cu, AC	17.0	12 8	17	-7		77	1
290	4	20	01	1	2	NS	16.8	14 5	20	-5		55	0
300	3	7	03	0	3	Sc, cu	16.3	12 2	21	-3		51	0
290	7	12	02	0	0	—	18.0	16 -3	22	-3		28	0
00	0		00	0	0	—	17.1	15 4	22	-8		48	0
320	4	12	02	0	0	—	16.6	16 0	24			34	0
360	12	12	02	0	0	—	16.6	20 -1	27	-3		24	0
360	6	14	02	0	0	—	14.7	14 -2	19	-6		34	0
320	4	10	02	0	0	—	18.0	14 5	19	-6		55	0
290	4	12	00	1	0	—	20.5	13 -2	20			36	0
350	10	10	02	0	0	—	19.2	16 -5	20	-8		24	0
00	0	8	02	0	0	—	16.6	16 -1	22	-6		32	0
310	9	10	01	0	2	cu	16.4	14 5	19	-5		55	2
300	17	10	01	0	0	—	14.8	18 -1	26	+4		28	0
290	12	20	01	0	0	—	14.4	21 8	27	+2		14	0
50	2	20	03	0	3	Sc	12.7	25 23	29			89	0
10	13	20	02	0	0	—	16.0	21 2	28			29	0
360	2	24	02	0	0	—	10.7	27 0	35			17	0
20	7	20	02	0	0	—	10.2	27 -3	35			14	0
360	4	20	02	0	0	—	8.1	30 -5	37			10	0
360	5	20	03	0	1	AC	7.1	32 9	38			24	0
350	5	20	01	0	0	—	8.1	29 1	38			17	0
									38				
									40				
									39				
40	5	20	02	1	3	AC, ci	5.9	29 5	36			22	0
50	5	20	03	1	5	AC, cs	5.5	30 13	36			35	0
00	0	30	02	0	0	—	7.0	28 2	36			19	0
170	1	20	03	2	7	AC, cb	5.8	32 17	38			41	0
00	0	20	01	1	3	AC	4.2	32 17	38			41	0
00	0	24	13	1	5	cb, AC	4.8	30 21	37			59	0

At 0600 on THURSDAY 14th MARCH, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	280	13	18	02	0	3	Sc	19.4	+3.1	10	3	8	-3	62	0	292	
	303	SÎDI BARRÂNI	340	24	15	02	2	7	cu, Sc	17.9		13	5	12		59	0	226	
	306	MATRÛḤ (A)	310	15	16	02	2	5	cu, AC	17.5	+0.9	12	8	7		77	0.2	243	
	309	EL ḌAB'AA			10	01	1	8	cu	16.3		10	6	8		76	3	203	
	319	ALEXANDRIA	310	6	20	03	6	7	cu, Sc, As	16.7	+0.7	13	7	11	-2	67	4	274	175
	318	ALEXANDRIA (A)	260	7	12	03	8	8	cu, Sc	16.2	-0.4	13	9	11	0	77	4	241	135
	330	DAMIETTA	200	2		03	5	7	cu, Sc	15.9	0.0	10	8	6	-4	88	5	213	96
	333	PORT SA'ÎD (A)	260	22	10	02	8	6	cb	15.6	-0.7	12	8	10	-3	77	4		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	270	5		03	6	3	AC	16.6	+0.3	12	10	7	-3	88	3	137	88
	342	MANṢÛRA	00	0		00	1	0	—	16.6	+0.6	12	8	7	-2	77	4	68	44
	348	ṬANṬA	220	10	20	03	2	8	St	17.3	+0.5	12	10	6	-2	88	2	76	34
	360	SHEBÎN EL KÔM	320	2	10	01	1	3	cu, Sc	17.0	+0.6	12	8	9		77	1	58	
	354	ZAGAZIG	220	1	10	03	1	8	Sc	16.6	+0.3	11	9	7	-1	88	1	53	23
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	300	10	15	03	2	6	Sc	18.2		11	6	10		71	0	48	
	372	CAIRO ALMÂZA (A)	230	9	25	03	1	5	Sc, cu	17.6	+0.7	11	6	10	-1	71	dr	33	
	374	CAIRO EZBEKÎYA										13	7	10	0	67	dr	43	20
	375	GIZA	270	6	10	03	—	4	AC	18.0	+1.4	12	7	8	0	72	3	53	20
	378	ḤELWÂN	00	0	10	02	2	7	cu	18.7	+2.3	10	8	8	-3	88	1	36	22
UPPER EGYPT	381	FAYOÛM	360	4	20	01	0	3	St	19.0	+2.6	12	5	7	-2	63	0	16	7
	387	MINYA (A)	320	3	8	02	0	0	—	19.0	+1.4	10	4	5	-2	67	0	2	
	393	ASYOÛT (A)	270	2	12	01	0	1	cu	20.7	+1.3	11	0	8	-1	47	0	dr	
	399	NAG' ḤAMÂDI	00	0		03	0	4	AC, CS	19.4	+3.6	9	4	7	-2	71	0	1	
	402	QENA	190	2	10	00	0	0	—	19.6	+4.6	12	5	6	-5	63	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	19.2	+2.7	13	0	6		41	0	0	
	414	ASWÂN	360	2	14	02	0	0	—	19.6	+4.5	13	-1	9	-6	38	0	8	
OASES	417	SÎWA	280	1	14	02	0	0	—	21.5	+3.5	8	2	4	-4	66	0	23	7
	420	BAḤARÎYA	270	4	20	02	0	0	—	20.3	+0.4	10	5	5	-4	71	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	23.0		8	0	5		58	0	dr	
	432	DAKHLA	320	5	20	02	0	0	—	21.8	+5.3	10	-9	5	-5	26	0	1	
	435	KHARGA	00	0	15	02	0	0	—	18.8	+2.8	13	3	5	-6	51	0	3	
RED SEA	450	SUEZ	360	7	20	00	0	4	cu	18.4	+3.4	14		8	-4		2	35	13
	459	TÔR																	12
	462	HURGHÂDA	300	17	22	02	0	1	cu	17.2	+1.6	16	-10	9	-3	16	0	dr	
	465	QUSEIR	280	6	20	02	0	0	—	17.2	+2.8	17	-3	12	-5	26	0	dr	4
	641	PORT SÛDÂN	350	13	20	01	1	4	Sc	15.3		25	21	21		79	0		
NORTH SUDAN	600	WÂDI ḤALFA	30	13	20	02	0	0	—	18.9		15	0	10		36	0		
	640	ABU ḤAMAD	360	13	24	02	0	0	—	15.0		19	2	16		72	0		
	660	KAREIMA	70	12	20	02	0	0	—	15.0		20	2	15		30	0		
	680	'AṬBARA	10	16	10	07	0	0	—	12.2		23	0	18		22	0		
	721	KHARṬOÛM	20	15	20	02	0	0	—	11.4		23	3	21		27	0		
	780	KASSALA	90	4	20	02	0	0	—	9.0		31	8	19		24	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	0	0	—	10.1		27	-4	19		13	0		
	801	RENK	50	9	20	02	0	0	—	9.7		21	2	21		29	0		
	802	ROSEIRES	310	2	10	02	0	1	ci	8.1		27	9			33	0		
	771	EL OBEID	40	11	20	01	1	0		9.6		25	-11	21		9	0		
	760	EL FASHER	20	7	10	06	2	5	AC, CS	11.8		23	0	21		22	0		
	770	GENEINA	40	12	50	01	1	2	cs	11.9		21	-8	16		14	0		
S. SUDAN	840	MALAKÂL	20	13	20	02	1	4	AC, ci	7.8		30	20	25		55	0		
	880	WÂU	00	0	20	01	1	2	AC	6.6		25	19	24		70	0		
	941	JUBA	180	2	24	03	0	4	AC	7.1		29	19	20		55	0		

REMARKS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. (A)		P. Said		Minya		Aswan		Luxor		Siwa		Farafra		Dakhla		Kharga		Hurghada	
DATE	14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3		14-3	
TIME	14		14		14		14		15		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	14	310	24	260	16	330	18	350	7	330	21	330	3	330	7	330	9	340	9	360	13
600 m.	330	14	300	23	280	17	320	19	330	8	340	23	350	7	330	7	330	13	340	10	340	12
1000 m.	330	18	300	19	280	21	310	25	310	9	330	33	340	13	320	8	330	14	330	14	290	14
1500 m.	330	24			270	27	300	23	310	11	320	23	320	21	330	14			320	23	270	22
2100 m.	330	29					280	22	310	17	310	24			330	28			330	27	270	32
2400 m.	330	32					300	23	290	18	310	25			330	14			310	13	270	32
3000 m.	330	35					300	20	270	23									320	50		
4000 m.	320	40							270	38									310	61		
5000 m.	320	40							270	44												
6000 m.	310	42							270	65												

STATION	S. Barrani		Minya		Luxor		Siwa		Dakhla		Kharga		Hurghada		Cairo (A)				Kharga		Hurghada	
DATE	15-3		15-3		15-3		15-3		15-3		15-3		15-3		14-3				15-3		15-3	
TIME	3		2		2		2		4		3		2		15				8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	310	15	320	16	320	15	10	12	360	4	360	12	320	2	310	15			20	7	330	15
600 m.	320	17	330	22	320	32	350	10	350	19	350	21	320	21	290	19			350	19	330	23
1000 m.	330	16	340	21	320	43	330	18			340	25	310	26	280	21			360	23	320	18
1500 m.	340	20	340	24	330	26	340	12					310	26	280	23			350	24	310	30
2100 m.	340	32			320	32	360	22					320	23	280	23						
2400 m.	350	23			310	39	340	27							280	26						
3000 m.							350	26							290	29						
4000 m.															290	36						
5000 m.															290	45						
6000 m.															290	66						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED		SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	13	320	10	320	14	290	16	290	7	360	14	330	18	330	4	340	10			30	4
600 m.	350	8	330	17	320	23	300	16	310	8	350	13	340	14	10	7	340	10			350	7
1000 m.	360	7	340	13	330	29	320	23			040	14	340	18	350	9	360	12	20	12	360	18
1500 m.	10	4	330	22	340	19	320	24			350	14	340	17	360	14	360	19	360	11		
2100 m.	10	5	330	11	340	21							330	22	340	17	340	23	360	16		
2400 m.			340	17									340	23	350	15	340	25	360	23		
3000 m.													340	32	350	18						
4000 m.															340	21						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan									
DATE	14-3					14-3					14-3									
TIME	15					14					15									
	ALT. m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED
Surface	70	15				25	18				111	21		360	6					
1000 mb.	146	14		320	22	180	12		330	12	160	20		360	6					
950 mb.																				
900 mb.																				
850 mb.	1485	1		280	23	1512	2		330	24	1521	10		310	11					
800 mb.																				
700 mb.	3024	-5		290	29	3060	-5		330	25	3129	7		270	23					
600 mb.																				
500 mb.	5590	-22		290	59	5623	-24		320	51	6003	-11		270	67					
400 mb.	7190	-35				7204	-38		300	34	7691	-22		270	94					
300 mb.						9140	-48				9717	-38		270	86					
200 mb.						11790	-53				12450	-50								

REMARKS :

1. Wind direction is in whole degrees east of true north.
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 15TH MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" , moderate or thick	
58	" and rain, slight	
59	" " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" , moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature, but weather tends to be cold by night. Low clouds over Lower Egypt and Cairo, increasing at times. Possibility of rain on the coast in the east. Moderate to fresh NW'ly winds. In Upper Egypt: Mainly clear. Light/moderate N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 05 U.T. ; " " Sunset 16 03 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

LIBRARY
MAY 16 1957
WEATHER BUREAU

At 1200 on 14 Th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rainfall 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	350	12	18	02	1	7	Sc, Ac	20.0	17	8	56	
	303	SÎDI BARRÂNI	350	24	16	01	2	5	Cu, Sc		16	7	56	
	306	MATRÛḤ (A)	320	12	16	02	2	6	Sc	18.4	16	8	59	
	309	EL ḌAB'AA			20	00	1	7	Cu	16.8	16	9	64	
	319	ALEXANDRIA	310	16	20	02	6	7	Cu, Sc, As	16.7	14	8		
	318	ALEXANDRIA (A)	280	16	12	01	8	7	Cu, Sc	16.3	16	10	68	
	330	DAMIETTA	220	5	20	02	6	7	Cu, Sc	15.2	14	10	77	
	333	PORT SA'ÎD (A)	270	20	12	81	2	7	Cb	15.7	12	10	88	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	260	9	10	60	6	7	Cu, Sc	16.2	14	10	77	
	342	MANṢÛRA	220	5		03	2	8	NS	16.4	14	10	77	
	348	ṬANṬA	290	9	20	03	2	8	ST	17.1	14	8	67	
	360	SHEBÎN EL KÔM	290	9	20	01	1	4	Cu, Sc	16.8	18	3	37	
	354	ZAGAZIG	320	1	20	01	1	2	As	16.3	18	10	60	
	441	ISMA'ILÎA												
CAIRO AREA	366	CAIRO (A)	300	11	16	01	2	4	Cu	16.2	17	1	34	
	372	CAIRO ALMÂZA (A)	260	15	25	01	2	5	Cu, Sc	15.9	17	5	26	
	374	CAIRO EZBEKÎYA												
	375	GIZA	290	9	10	02	2	6	Cu	16.1	18	4	40	
	378	ḤELWÂN	270	13	10	02	2	7	Sc, Cu	16.3	16	-1	32	
UPPER EGYPT	381	FAYOÛM	360	4	20	03	2	5	Cu, Sc	17.1	19	3	35	
	387	MINYA (A)	350	10	10	03	0	1	Cu	17.3	20	0	26	
	393	AṢYOÛṬ (A)	280	10	18	01	0	0	—	18.3	18	-1	25	
	399	NAG' ḤAMÂDI	290	2	10	02	0	2	Ac	16.8	20	2	30	
	402	QENA	290	4	20	00	0	0	—	16.8	20	6	41	
	405	LUXOR (A)	310	8	22	02	0	0	—	16.6	21	0	25	
	414	ASWÂN	340	12	10	02	0	0	—	16.9	21	-8	14	
OASES	417	SÎWA	330	15	16	01	1	2	Sc, Cu, Ci	20.9	18	1	32	
	420	BAḤARÎYA	340	8	20	02	0	0	—	18.7	17	7	52	
	423	FARAFRA	320	4	20	02	0	0	—	20.3	19			
	432	DAKHLA	320	14	23	02	0	0	—	19.8	18	-12	12	
	435	KHARGA	360	11	15	02	0	0	—	17.1	21	2	29	
RED SEA	450	SUEZ	270	7	50	02	2	4	Cu	16.2	18	6	46	
	459	TÔR												
	462	HURGHÂDA	20	16	22	01	0	0	—	15.3	20	3	33	
	465	QUSEIR	20	9	20	02	0	0	—	15.5	20	2	30	
	641	PORT SÛDÂN	40	16	16	07	1	2	Sc	13.4	27	21	70	
NORTH SUDAN	600	WÂDI ḤALFA	360	14	20	03	0	1	Ci	16.4	23	-5	15	
	640	ABU ḤAMAD	360	13	22	02	0	0	—	11.6	29	3	15	
	660	KAREIMA	50	11	18	07	0	0	—	11.5	31	1	10	
	680	ʿAṬBARA	10	15	10	07	0	0	—	8.2	35	-5	8	
	721	KHARṬOÛM	360	11	20	06	0	0	—	6.7	36	9	19	
	730	KASSALA	330	4	20	02	0	0	—	4.5	37	3	12	
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	4.6	38	-7	6	
	801	RENK	360	5	20	02	0	0	—	5.0	40	8	14	
	802	ROSEIRES	310	5	20	02	0	1	Cu	1.3	41	10	16	
	771	EL OBEID	70	13	20	01	0	0		5.4	35	-6	7	
	760	EL FASHER	40	12	20	02	2	7	Cu, Ac, Cs	6.6	32	4	16	
	770	GENEINA	90	5	50	03	1	3	Cu, Ci	5.7	35	3	13	
S. SÛDÂN	840	MALAKÂL												
	880	WÂU												
	941	JUBA												

At 1800 on 14 Th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	00	0	16	01	0	1	Sc	20.7	13	5	18	-3	59	0
SÎDI BARRÂNI	360	17	14	02	0	0	—	19.4	13	6	17		63	0
MATRÛḤ (A)	320	17	12	01	2	5	Sc	19.0	13	8	17		72	0
EL ḌAB'AA				00	0	4	Cu	17.9	13	7	16		67	0
ALEXANDRIA	310	22	20	01	6	5	Cb	17.4	14	5	16	-5	55	0.6
ALEXANDRIA (A)	320	20	12	03	2	7	Cu, Sc	16.8	14	6	16	-4	59	0.6
DAMIETTA	220	9		02	5	7	Cu, Sc	15.1	13	7	15	-5	67	1
PORT SA'ÎD (A)	270	21	18	25	8	7	Cb	15.0	13	9	18	-1	77	1
EL 'ARISH														
DAMANHÛR	230	2		01	6	4	Cu	16.6	10	8	17	-6	88	1
MANṢÛRA	00	0		01	1	3	Sc, Cu	16.2	12	8	17	-6	77	0
ṬANṬA	220	4	20	02	6	0	—	17.4	10	8	18	-6	88	3
SHEBÎN EL KÔM	340	2	10	01	6	4	Cu, Sc	17.0	13	9	18		77	dr
ZAGAZIG	220	1	10	01	1	2	As	16.9	12	12	20	-4	97	0
ISMA'ILÎA														
CAIRO (A)	300	10	12	01	2	6	NS, Ac	17.4	13	7	18		67	0
CAIRO ALMÂZA (A)	280	8	15	03	8	6	Sc	17.4	13	7	19	-4	67	dr
CAIRO EZBEKÎYA											19	-6		
GIZA	340	4	10	01	8	6	Cu	17.9	12	8	19	-5	77	dr
ḤELWÂN	290	5	10	02	2	7	Sc, Cu	17.5	13	7	18	-6	67	0
FAYOÛM	360	4	20	01	1	2	Cu, Sc							
MINYA (A)	320	7	8	01	0	1	Ac	17.9	15	1	21	-3	39	0
AṢYOÛṬ (A)	270	9	10	02	0	0	—	17.8	11	-2	21	-4	41	0
NAG' ḤAMÂDI	00	0		01	0	2	Ac	17.1	14	3	21	-5	48	0
QENA	290	2		00	0	0	—	17.0	14	3	21	-9	48	0
LUXOR (A)	300	5	12	02	0	0	—	17.2	15	1	22		39	0
ASWÂN	350	6	10	02	0	0	—	17.1	18	-5	22	-8	20	0
SÎWA	360	8	14	03	1	5	Sc, Ci	20.0	17	2	19	-6	37	0
BAḤARÎYA														
FARAFRA	320	3	12	02	0	0	—	21.3	13	-2	20		36	0
DAKHLA	350	3	12	02	0	0	—	19.4	15	-8	20	-8	20	0
KHARGA	00	0	8	02	0	0		17.6	15	2	22	-7	42	0
SUEZ	310	9	10	02	0	4	Cu	18.4	14	8	20	-4	67	0
TÔR														
HURGHÂDA	320	16	12	02	0	0	—	15.7	17	2	21	-1	37	0
QUSEIR	250		20	02	0	0	—	15.7	17	4	21	-4	47	0
PORT SÛDÂN	350	6	20	03	0	2	Sc	14.4	23	18	29		74	0
WÂDI ḤALFA	10	8	16	02	0	1	Ci	17.1	17	-3	26		26	0
ABU ḤAMAD	360	13	22	02	0	0	—	12.9	21	-3	30		30	0
KAREIMA	20	9	20	02	0	0	—	12.6	25	-6	29		19	0
ʿAṬBARA	350	11	20	02	0	0	—	9.8	27	3	35		14	0
KHARṬOÛM	360	8	20	02	0	0	—	8.2	29	4	38		20	0
KASSALA	20	2	20	02	0	0	—	7.1	27	1	38		19	0
WÂD MEDANI											38			
RENK														
ROSEIRES											42			
EL OBEID	30	6	20	03	0	1	Cu	6.1	29	-1	35		14	0
EL FASHER	50	8	20	01	1	3	Ac, Ci	6.9	29	3	38		20	0
GENEINA	20	7	17	01	1	7	Ac, Cs	5.3	31	2	37		16	0
MALAKÂL	60	6	20	01	1	1	Ac, Ci	3.6	32	7	40		21	0
WÂU	00	0	20	01	2	4	Ac	2.9	30	20	41		55	0
JUBA	00	0	24	13	1	6	Cb, Ci	3.7	29	21	39		62	0

At 0600 on FRIDAY 15 Th MARCH 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	220	20	13	02	0	0	—	22.0	+5.7	12	6	9	-2	67	0	232	
SÎDI BARRÂNI	240	11	14	02	0	0	—	21.0		10	6	7		76	0	226	
MATRÛḤ (A)	260	11	14	02	2	5	Cu	21.4	+4.8	12	8	9		77	0	243	
EL ḌAB'AA			10	00	0	5	Ac	19.9		15	7	10		59	0	203	
ALEXANDRIA	310	8	20	01	1	4	Cu	19.5	+3.5	15	7	14	+1	59	[illegible]	275	195
ALEXANDRIA (A)	320	16	12	02	2	7	Cu, Sc	19.0	+2.5	15	8	14	+3	63	0.6	242	135
DAMIETTA	180	5	10	01	1	5	Cu	17.4	+1.6	11	9	7	-4	88	1	214	96
PORT SA'ÎD (A)	270	15	12	01	8	3	Cu, Sc	16.8	+0.5	13	9	10	-3	77	3		
EL 'ARISH																	
DAMANHÛR	290	9	10	03	0	4	Cu	19.0	+2.7	14	10	7	-3	77	1	138	98
MANṢÛRA	00	0		00	0	0	—	18.4	+2.4	12	8	7	-2	77	0	68	45
ṬANṬA	240	6	20	03	2	6	Cu	19.6	+2.8	12	8	6	-3	77	3	79	34
SHEBÎN EL KÔM	340	2	10	00	0	0	—	18.7	+2.3	11	9	9			7 ?		
ZAGAZIG	00	0	10	02	0	0	—	18.9	+2.6	10	8	6	-3	88	0	53	23
CAIRO (A)	270	9	12	02	1	0	—	19.3		12	6	9		67	0	48	
CAIRO ALMÂZA (A)	250	10	12	02	0	0	—	19.0	+2.2	12	6	9	-2	67	dr	53	
CAIRO EZBEKÎYA										13	6	10	0	63	dr	43	20
GIZA	00	0	8	02		0	—	19.9	+3.3	13	8	6	-2	72	dr	53	20
ḤELWÂN	00	0	10	02	0	0	—	20.2	+3.9	10	6	8	-3	76	0	36	22
FAYOÛM	360	4	20	01	0	0	—	21.1	+4.7	16	8	8	-1	59	0	16	7
MINYA (A)	340	4	10	02	0	0	—	20.4	+2.8	10	5	5	-3	71	0	2	
AṢYOÛṬ (A)	00	0	12	12	0	0	—	21.2	+4.9	11	-2	8	-1	41	0	dr	
NAG' ḤAMÂDI	290	2		02	0	2	Ac	19.0	+3.3	14	3	7	-2	48	0	1	
QENA	290	2	10	00	0	0	—	20.3	+5.3	15	4	9	-2	48	0	dr	
LUXOR (A)	300	3	22	02	0	0	—	20.0	+4.6	14	3	9		48	0	0	
ASWÂN	340	15	12	02	0	0	—	20.2	+5.2	14	-2	9	-6	34	0	8	
SÎWA	00	0	14	02	0	0	—	22.8	+4.8	8	3	5	-3	71	0	23	7
BAḤARÎYA	00	0	10	02	0	0	—	22.4	+5.6	12	6	5	-4	67	0	2	7
FARAFRA	00	0	15	02	0	0	—	24.4		10	2	6		58	0	dr	
DAKHLA	310	4	18	02	0	0	—	22.4	+6.0	11	6	7	-3	71	0	1	
KHARGA	00	0	15	02	0	0	—	19.9	+4.0	13	3	7	-4	51	0	3	
SUEZ	270	2	20	00	0	2	Cu	17.8	+1.8	16	5	9	-3	49	0	35	13
TÔR																	
HURGHÂDA	330	11	20	03	0	2	Cu	18.1	+2.6	16	3	10	-2	42	0	dr	
QUSEIR	300	13	20	01	0	0	—	17.7	+3.4	17	-3	13	-4	26	0	dr	4
PORT SÛDÂN	350	12	20	01	2	4	Sc	15.9		23	11	20		47	0		
WÂDI ḤALFA	10	7	20	02	0	1	Ac	22.0		12	-3	8		36	0		
ABU ḤAMAD	360	18	15	07	0	0	—	17.6		15	-3	12		30	0		
KAREIMA	50	12	20	02	0	0	—	18.0		15	-3	13		30	0		
ʿAṬBARA	10	16	15	70		0	—	15.0		19	-7			17	0		
KHARṬOÛM	20	17	16	07	0	1	Ci	13.5		21	-1	18		23	0		
KASSALA	20	4	20	02	0	0	—	10.0		27	14	20		45	0		
WÂD MEDANI	360	9	20	02	0	1	Ci	12.7		23	-5	19		15	0		
RENK																	
ROSEIRES	50	9	20	02	0	1	Ci	9.1		27	7	19		28	0		
EL OBEID																	
EL FASHER	340	9	10	06	2	7	Cs	14.5		19	11	16		60	0		
GENEINA	50	10	30	02	2	7	Cs	12.8		21	-7	20		15	0		
MALAKÂL	50	12	20	01	2	3	Ci	9.4		27	3	21		22	0		
WÂU	360	2	20	03	2	8	Cs	7.3		25	19	24		70	0		
JUBA	180	7	24	15	2	7	Cb, Ac	6.5		28	20	24		62	5		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Aswan		Siwa		Baharia	
DATE	15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3		15-3	
TIME	14		14		15		14		14		15		14		14		15		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	6	330	7	320	9	320	25	330	7	340	10	350	18	340	18	350	11	360	3	360	12
600 m	320	11	330	10	340	12	320	24	340	10	330	10	340	17	340	23	340	13	340	7	360	10
1000 m	300	10	320	16	350	7	320	23	330	11	330	15	340	17	340	22	340	17	10	11	350	10
1500 m	260	9	350	8	330	12	340	12	320	23	330	12			340	17	290	18	20	14	360	11
2100 m	260	8	330	17	330	17			310	19	330	14			330	23	330	20	330	14	350	20
2400 m			330	16	340	14			320	24	330	19			360	33	330	21	340	15	340	19
3000 m			330	26	330	16			300	43	340	33			330	42	360	23	340	14	340	22
4000 m					330	23					340	24					310	28	340	21	340	36
5000 m					320	28					330	45					300	30				
6000 m					310	27					330	55					290	55				

STATION	Farafra		Dakhla		Kharga				Salloum		P. Said		Luxor				Dakhla		Kharga		Hurghada	
DATE	15-3		15-3		15-3				16-3		16-3		16-3				16-3		16-3		16-3	
TIME	14		14		14				2		2		2				8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	40	5	360	27	340	13			260	4	270	7	10	18			80	7	40	8	330	14
600 m	90	5	20	13	360	21			60	3	280	4	20	15			60	9	30	17	320	9
1000 m	350	9	20	12	350	39			300	9	360	1	30	12			40	12	20	23	300	9
1500 m	10	14	140	5	360	29			320	5	160	6	40	13			60	17	30	14	20	7
2100 m	350	17			340	25					300	4	50	21			20	12	20	16	340	7
2400 m	340	10			340	36											20	16	360	18	330	13
3000 m																						
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		S. Barrani		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Baharia		Farafra	
DATE	16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	290	5	200	6	320	11	250	7	60	3	10	4	70	3	360	4	140	6	180	2	90	4
600 m	280	4	230	7	310	11	200	4	40	2	60	6	30	4	30	7	140	2	130	5	210	4
1000 m	350	9	300	3	320	8	210	4	80	6	10	10	10	8	60	6	110	3	10	5	110	6
1500 m	320	3	330	4			350	7			10	12	30	12	10	15	360	1	360	12	60	16
2100 m			270	4							10	10			360	21	10	6	10	10	10	8
2400 m			230	4							350	10			360	33	350	9	350	8	20	10
3000 m			300	9							340	17					330	13	350	18	10	12
4000 m											320	23							350	17	10	12
5000 m											310	26										
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan										
DATE	15-3					15-3					15-3										
TIME	15					15					15										
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	18				25	17				111	21		360	15					
1000 mb	180	17		350	10	199	15		310	9	178	21		350	11					
950 mb.																				
900 mb																				
850 mb	1543	6		330	12	1549	7		330	12	1550	9		290	18					
800 mb																				
700 mb.	3104	-2		340	33	3120	0		330	16	3148	6		320	23					
600 mb.																				
500 mb	5722	-15		330	51	5729	-17		320	22	5811	-12		290	32					
400 mb	7376	-26		330	70	7363	-31		310	32	7488	-21		300	65					
300 mb	9390					9332	-47				9538	-34		300	70					
200 mb.						11950	-56				12280	-51		280	104					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 16th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0	Cloud covering ½ sky or less
1	Cloud covering more than ½ sky during part of the period
2	Cloud covering more than ½ sky throughout the period
3	Sandstorm or duststorm
4	Fog or thick haze
5	Drizzle
6	Rain
7	Snow or rain and snow
8	Shower (s)
9	Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature continues all over the Republic. Mild weather by day, rather cold by night. Low clouds over Lower Egypt and Cairo. Moderate N'ly winds.

In Upper Egypt: Mainly clear. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 04 U.T. Sunset 16 04 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

LIBRARY MAY 16 1957

At 1200 on 15th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
30	4	18	02	0	0	—	22.8	18	8	52
340	15	20	02	0	0	—	22.1	17	9	60
320	11	18	02	0	1	cu	21.9	17	8	56
		20	00	0	5	Ac	21.4	18	6	46
310	11	20	01	0	2	cu	21.0	17	9	60
320	15	12	02	0	3	cu	20.7	19	11	60
340	5	20	01	6	2	cu	19.2	18	6	46
350	11	20	01	6	3	cu, Sc	19.0	17	8	56
290	9	10	02	1	5	cu	19.5	18	8	52
320	5		03	1	6	cu	19.5	18	8	52
310	10	20	03	2	5	cu	19.9	18	8	52
340	19	20	01	1	2	cu	19.0	19	4	37
220	2	20	03	1	6	cu	19.1	19	9	52
340	12	16	01	1	4	cu	19.3	20	4	35
300	16	20	02	2	6	cu	19.4	19	5	40
30	12	10	01	1	5	cu	20.0	20	4	35
340	13	10	02	2	5	cu	19.6	19	4	
360	4	20	03	1	5	cu, Sc	20.2	21	4	33
360	13	18	01	2	3	cu	20.0	21	1	27
290	10	14	02	0	3	cu	20.2	20	5	38
290	2	10	01	0	2	Ac	18.0	22	3	29
290	2	10	00	0	0	—	18.8	21	4	33
310	12	20	02	0	0	—	18.3	22	0	23
340	17	15	00	0	0	—	17.6	22	-6	15
310	7	16	02	0	0	—	23.3	19	2	32
360	8	20	02	0	0	—	21.4	20	9	49
00	0	20	02	0	0	—	23.1	20	-2	23
350	13	24	02	0	0	—	21.5	20	-6	17
10	8	12	02	0	0	—	19.6	21	1	27
330	3		03	0	7	cu	18.4	18	8	52
340	25	20	02	0	1	cu	17.1	20	3	33
340	15	20	02	0	0	—	17.1	20	3	33
50	10	15	06	0	0	—	14.5	26	18	62
10	9	8	02	0	0	—	18.0	23	-2	19
360	18	15	07	0	0	—	13.2	27	-5	12
40	12	20	02	0	0	—	13.8	27	-10	8
360	18	10	07	0	0	—	10.7	30	-13	5
360	16	18	06	0	1	ci	9.3	31	4	18
330	6	20	01	0	0	—	5.7	36	6	15
50	13	20	02	0	1	ci	7.1	35	-6	7
50	13	20	02	0	2	Ac	6.3	39	-3	7
310	9	30	02	0	2	Ac	8.8	39	2	10
50	14	20	03	1	5	cs	7.2	32	-8	7
40	13	20	02	2	6	cs	7.4	32	-8	7
70	9	30	03	2	7	cs	6.1	34	-3	9
50	17	20	03	2	7	Ac, cs	4.3	39	2	10
50	10	20	01	2	7	cs	2.6	38	3	11
90	4	24	02	1	5	Cb, Ac	2.7	35	19	39

At 1800 on 15th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
350	12	12	02	0	0	—	22.4	15	9	20	-1	68	0
340	12	18	02	0	0	—	22.3	14	9	18		72	0
260	5	15	02	0	1	cu	23.1	12	9	18		82	0
			00	0	4	Ac	22.3	13	7	18		67	0
310	12	20	02	0	2	cu	22.3	15	9	19	-2	68	0
350	7	12	03	2	6	cu, Sc	21.7	15	9	19	-1	68	0
340	2		00	1	0	—	21.3	13	9	18	-2	77	0.3
310	9	16	02	0	2	Sc	21.2	15	9	18	-1	68	1
310	2	10	01	0	2	ci	21.5	13	9	18	-5	77	0
00	0		00	0	0	—	21.6	14	8	20	-3	67	0
00	0	20	02	0	0	—	21.9	11	9	20	-4	88	0
320	2	10	01	1	2	Sc	21.2	14	8	20		67	0
00	0	10	02	0	0	—	20.6	13	9	20	-4	77	0
30	4	12	01	0	0	—	21.8	14	7	20		63	0
360	7	12	01	0	0	—	21.6	14	8	20	-3	67	0
										22	-3		
30	5	8	01	1	0	—	22.0	14	8	20	-4	67	0
340	7	10	02	0	0	—	21.8	15	7	19	-5	59	0
360	4	20	01	0	0	—	21.8	15	6	21	-4	55	0
360	5	8	02	0	0	—	21.7	12	5	22	-3	63	0
340	6	12	02	0	0	—	21.2	16	2	21	-4	39	0
290	2		01	0	2	Ac	18.7	14	3	22	-5	48	0
290	2		00	0	0	—	18.8	19	7	23	-8	30	0
290	2	12	02	0	0	—	19.6	16	6	22		59	0
360	10	12	02	0	0	—	19.2	19	0	23	-8	28	0
280	7	14	02	0	0	—	22.4	15	-1	21	-4	34	0
00	0	10	02	0	0	—	22.0	15	7	21	-4	59	0
360	2	12	02	0	0	—	23.0	14	-8	22		21	0
350	9	11	02	0	0	—	21.4	17	-8	21	-7	18	0
360	1	7	02	0	0	—	19.5	16	2	22	-7	39	0
20	2	10			3	cu	20.8	15	7	21	-3	59	0
330	25	12	02	0	0	—	18.7	19	3	20	-2	35	0
340	19	20	03	0	1	cc	18.8	20	3	21	-4	33	0
350	8	20	02	0	1	Sc	15.9	22	16	26		69	0
10	13	18	02	0	0	—	18.6	19	1	25		30	0
350	9	22	03	0	0	—	15.2	20	-3	27		21	0
30	10	20	02	0	1	ci	14.9	23	-14	28		8	0
350	8	20	02	0	1	ci	12.0	23	-11	31		10	0
20	8	20	01	2	4	cs	11.0	25	3	32		24	0
350	3	20	02	0	1	ci	8.4	27	6	36		27	0
										36			
										39			
										40			
50	7	20	02	2	7	cs	9.4	26	-6	33		12	0
60	7	20	02	2	7	cs	9.3	27	-4	33		13	0
20	11	30	02	2	7	cs	7.8	29	-6	35		10	0
360	10	20	01	2	7	cs	5.5	29	7	29		25	0
00	0	20	02	2	7	cs	4.9	31	11	38		29	0
320	6	24	13	1	7	Ch, Ac, cs	3.3	31	19	37		49	dr

At 0600 on SATURDAY 16th MARCH, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms Past 24 hrs.	Rainfall mms Total From Oct. 1st	Rainfall mms Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	0	0	—	23.8	+7.6	10	7	9	-2	82	0	232	
	303	SÎDI BARRÂNI	240	11	14	02	0	0	—	23.1		10	7	7		82	0	226	
	306	MATRÛH (A)	230	6	16	01	0	0	—	23.4	+6.8	12	10	7		88	0	243	
	309	EL DAB'AA				00	0	0	—	23.3		12	8	7		77	0	203	
	319	ALEXANDRIA	360	4	20	03	0	5	Sc	23.5	+7.6	16	8	14	+1	59	0	275	176
	318	ALEXANDRIA (A)	00	0	14	02	0	7	Sc	23.2	+6.7	15	12	10	-1	82	0	242	135
	330	DAMIETTA	200	2	10	00	0	0	—	21.6	+5.8	13	11	6	-5	88	0.3	214	96
	333	PORT SA'ÎD (A)	270	6	15	01	0	0	—	23.0	+6.1	15	10	11	-2	72	1		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	230	2	10	01	0	2	ci	23.3	+7.1	13	11	9	-1	88	0	138	89
	342	MANŞÛRA	270	3		00	0	0	—	23.5	+7.5	13	9	8	-2	77	0	68	45
	348	ṬANṬA	00	0	20	01	1	1	ci	23.5	+6.8	11	9	6	-3	88	0	79	34
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	cu	23.6	+7.3	13	9	7		77	0	58	23
	354	ZAGAZIG	220	1	10	03	1	3	AS	23.0	+6.8	10	8	6	-3	88	0	53	
	441	ISMA'ÎLÎA																	
CAIRO AREA	366	CAIRO (A)	00	0	12	02	0	1	Ac	23.8		14	9	9		72	0	48	
	372	CAIRO ALMÂZA (A)	00	0	15	02	0	0	—	23.5	+6.7	14	8	9	-2	67	0	53	
	374	CAIRO EZBEKÎYA										14	8	9	-2	67	0	43	21
	375	GIZA	00	0	8	03	—	0	—	24.2	+7.6	13	9	5	-3	77	0	53	20
	378	HELWÂN	00	0	3	05	0	0	—	24.2	+7.9	11	9	9	-2	88	0	36	22
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	24.8	+8.4	14	7	7	-3	63	0	16	7
	387	MINYA (A)	360	1	6	02	0	0	—	23.0	+5.5	10	7	5	-3	82	0	2	
	393	AŞYOÛṬ (A)	00	0	8	02	0	0	—	23.6	+7.4	11	4	8	-1	63	0	dr	
	399	NAG' HAMÂDI	320	2		01	0	2	Ac	22.2	+6.6	12	5	7	-2	63	0	1	
	402	QENA	360	2	10	00	0	0	—	23.0	+8.1	15	4	6	-6	48	0	dr	
	405	LUXOR (A)	360	6	22	02	0	0	—	22.2	+6.8	14	3	5		48	0	0	
	414	ASWÂN	360	5	12	02	0	0	—	21.6	+6.7	13	4	9	-6	55	0	8	
OASES	417	SÎWA	00	0	16	02	0	0	—	24.3	+6.4	9	1	5	-3	58	0	23	7
	420	BAHARÎYA	00	0	20	02	0	0	—	24.4	+7.6	11	7	4	-5	77	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	25.4		10	-2	6		44	0	dr	
	432	DAKHLA	00	0	14	02	0	0	—	24.4	+8.0	10	-4	7	-3	38	0	1	
	435	KHARGA	360	1	8	02	0	0	—	21.9	+6.1	15	5	9	-2	52	0	3	
RED SEA	450	SUEZ	20	2	20	00	0	0	—	23.5	+7.5	13	7	5	-7	67	0	28	14
	459	TÔR																	12
	462	HURGHÂDA	290	16	22	02	0	0	—	22.0	+6.5	17	1	10	-2	34	0	dr	
	465	QUSEIR	310	14	20	03	0	3	Sc, As, cc	21.6	+7.4	18	-1	15	-2	28	0	dr	4
	641	PORT SÛDÂN	340	14	20	01	1	1	Sc	18.3		22	14	17		61	0		
NORTH SUDAN	600	WÂDI HALFA	30	1	18	02	0	1	ci	21.2		13	2	8		48	0		
	640	ABU HAMAD	20	9	24	01	1	1	ci	17.9		16	-3	11		28	0		
	660	KAREIMA	60	7	21	01	1	1	ci	18.0		16	-3	13		28	0		
	680	ÂṬBARA	30	15	20	01	2	2	ci	16.0		19	-3	14		23	0		
	721	KHARTOÛM	20	12	20	01	1	2	ci	14.9		19	-2			24	0		
	730	KASSALA	30	6	20	03	1	7	cs	12.3		22	12	18		53	0		
CENTRAL SUDAN	751	WÂD MEDANI	60	13	20		1	1	ci	15.0		19	-5	18		19	0		
	801	RENK	360	5	20	01	1	6	Ac	14.3		23	-5	17		15	0		
	802	ROSEIRES	310	5	20	02	2	8	cs	11.7		25	-5			14	0		
	771	EL OBEID	20	16	20	02	1	5	cs	13.7		20	-16			8	0		
	760	EL FASHER	340	5	13	05	2	7	cs	16.3		17	-9	12		16	0		
	770	GENEINA	50	15	30	01	2	4	cs	14.5		19	-17	17		8	0		
S. SÛDÂN	840	MALAKÂL	50	22	20	02	2	7	Ac, cs	11.7		27	-3	24		14	0		
	880	WÂU	00	0	20	02	2	8	As	10.3		24	18			69	0		
	941	JUBA	200	1	24	60	6	8	Ac	10.2		25	20	24		74	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3		16-3	
TIME	14		14		15		14		14		14		14		14		15		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	8	280	13	290	4	320	15	300	4	360	10	330	17	220	14	350	17	220	2	360	5
600 m.	280	8	270	13	250	8	350	9	300	8	360	11	330	3	20	17	350	13	210	3	360	6
1000 m.	310	10	270	13	270	7	340	5	260	15	360	13	340	9	330	8	10	13	270	2	360	7
1500 m.	320	17	280	11	290	6	290	10	310	5	350	11	10	6	340	5	40	14	300	3	350	12
2100 m.	310	24	290	7	310	9	290	5	330	10	330	11			20	11	10	13	350	4	30	9
2400 m.			290	10	320	10			350	12	340	16			30	11	350	13	350	8	10	9
3000 m.			320	8	320	17			340	10	330	19					330	17	330	9	360	14
4000 m.					310	19			310	21							300	17	310	11	340	16
5000 m.					310	23											300	22	320	16	330	16
6000 m.					300	34											290	39	290	29	330	29

STATION	Dakhla		Kharga		Hurghada				Salloum		P. Said		Luxor				Farafra		Dakhla		Kharga	
DATE	16-3		16-3		16-3				17-3		17-3		17-3				17-3		17-3		17-3	
TIME	14		14		14				2		2		2				8, 15		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	360	4	20	17	350	12			200	12	20	10	30	11			110	5	30	3	30	12
600 m.	30	6	20	18	320	14			220	9	10	10	40	10			120	6	60	10	50	10
1000 m.	40	6	20	15	270	20			240	5	10	9	60	11			120	7	70	13	50	14
1500 m.	60	6	10	15	290	3			270	5	30	11	360	5			360	9	70	10	70	9
2100 m.					320	13			350	8	20	11	360	5			60	9	20	19	40	18
2400 m.					320	24											40	13			20	6
3000 m.					340	13											20	10			360	5
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya	
DATE	17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	230	16	230	11	250	10	260	9	210	10	30	0	30	3	30	6	30	3	140	15	180	3
600 m.	210	10	240	9	260	5	310	10	200	14	230	3	30	7	10	10	80	8	150	11	150	4
1000 m.	200	5	230	5	350	4	320	15	290	10	330	4	40	7	30	11	40	12	180	11	50	6
1500 m.			210	7	270	5	290	9	260	7	350	6	30	7			20	10	160	6	90	4
2100 m.					340	10	310	14					30	12			20	8	90	4	60	9
2400 m.					340	12	330	20					20	11			40	4	90	6	50	11
3000 m.					360	13	310	12					10	30			10	6	90	5	10	11
4000 m.					350	15													190	6	40	12
5000 m.																			250	15	10	13
6000 m.																			280	23	280	9

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWINDS

STATION						Matruh					Aswan									
DATE						16-3					16-3									
TIME						15					15									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18				111	25		360	10					
1000 mb.						190	17		310	3	170	24		350	11					
950 mb.																				
900 mb.																				
850 mb.						1553	8		290	6	1564	14		40	14					
800 mb.																				
700 mb.						3124	-1		320	18	3279	9		330	17					
600 mb.																				
500 mb.						5696	-3		290	29	5995	-8		300	29					
400 mb.						7290	-37		290	44	7668	-20		290	50					
300 mb.						9212	-52		290	70	9729	-36		300	48					
200 mb.						11750	-60		260	73	11470	-49		280	96					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in [illegible]
4. Altitudes are [illegible]

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 17th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice-needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow *
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:
Gradual rise in temperature continues. Warm weather during day. Light winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 03 U.T. / " " Sunset 16 05 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI HALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'AṬBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sûdân	840	MALAKÁL
	880	WÂU
	941	JUBA

At 1200 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Salloûm	00	0	18	02	0	0	—	21.6	20	9	49
Sîdi Barrâni	350	13	18	02	0	0	—	22.1	18	8	52
Matrûḥ (A)	10	8	18	02	0	0	—	22.0	18	10	60
El Ḍab'aa			20	00	0	0	—	22.4	18	10	60
Alexandria	270	10	20	01	1	0	—	22.8	18	8	52
Alexandria (A)	340	10	16	01	0	0	—	22.8	19	7	46
Damietta	40	5	20	03	0	1	cu	22.0	20	11	56
Port Sa'îd (A)	260	3	20	02	0	0	—	22.5	19	7	46
El 'Arish											
Damanhûr	230	2	10	02	0	4	cu	22.7	20	11	56
Manṣûra	360	3		01	0	2	cu	22.0	20	8	46
Ṭanṭa	220	7	20	01	1	4	cu	22.6	21	10	50
Shebîn el Kôm	270	5	20	01	1	2	cu	22.4	20	6	41
Zagazig	220	1	10	02	0	0	—	21.9	21	12	57
Isma'ilîa											
Cairo (A)	30	4	20	01	0	1	cu	22.2	19	5	40
Cairo Almâza (A)	270	5	18	02	0	1	cu	21.7	21	7	41
Cairo Ezbekîya											
Giza	310	4	12	01	0	0	—	22.7	20	9	49
Ḥelwân	320	3		02	0	0	—	21.8	19	4	37
Fayoûm	290	4	20	02	0	0	—	22.2	20	6	41
Minya (A)	340	7	7	07	0	0	—	21.0	22	4	31
Aṣyoûṭ (A)	00	0	12	02	0	0	—	21.1	22	2	27
Nag' Ḥamâdi	00	0	10	00	0	3	—	19.0	24	3	26
Qena	290	2	10	00	0	0	—	18.3	23	5	32
Luxor (A)	00	0	22	02	0	0	—	19.0	23	2	26
Aswân	80	10	16	02	0	0	—	17.6	25	0	19
Sîwa	220	2	16	03	0	2	ci	22.2	24	0	21
Baḥarîya	340	3	20	02	0	0	—	21.9	21	10	50
Farafra	00	0	20	02	0	0	—	23.0	22	3	29
Dakhla	340	5	20	02	0	0	—	21.0	23	-3	18
Kharga	30	3	15	02	0	0	—	19.4	25	1	21
Suez	20	1	50	02	0	0	—	21.8	21	4	33
Tôr											
Hurghâda	20	8	22	02	0	0	—	19.9	20	3	33
Quseir	360	12	20	02	0	0	—	20.5	20	6	41
Port Sûdân	30	22	7	07	0	1	Sc	15.3	25	17	61
Wâdi Halfa	40	14	18	02	0	0	—	16.6	26	2	21
Abu Ḥamad	360	9	24	01	0	0	—	13.4	29	1	17
Kareima	70	6	21	02	0	1	ci	12.5	29	-9	8
'Aṭbara	20	15	15	07	0	1	ci	10.0	31	-5	9
Kharṭoûm	20	15	20	03	0	7	cs	8.7	31	2	16
Kassala	30	5	20	02	0	7	cs	5.9	34	8	20
Wâd Medani											
Renk	310	9	20	02	1	7	Sc	9.3	32	6	20
Roseires	310	5	20	02	2	8	Ac, As	5.2	34	1	12
El Obeid	60	7	20	02	2	7	cs	8.8	30	-13	5
El Fasher	20	11	24	02	2	7	cs	9.0	30	-8	8
Geneina	40	10	30	02	2	7	cs	7.9	32	-12	5
Malakál	60	10	20	01	2	7	cs	6.9	35	1	12
Wâu	90	7	20	02	2	7	cs	5.9	35	1	12
Juba	40	1	24	02	6	8	As	4.7	33	15	34

At 1800 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Salloûm	00	0	12	03	1	6	cs	20.4	16	10	22	+1	68	0
Sîdi Barrâni	120	8	14	02	0	0	—	20.5	14	7	20		63	0
Matrûḥ (A)	00	0	18	02	0	0	—	20.1	16	7	20		56	0
El Ḍab'aa				00	0	0	—	20.6	13	10	21		82	0
Alexandria	310	6	20	02	0	0	—	22.3	15	9	19	-2	68	0
Alexandria (A)	310	3	12	02	0	0	—	21.9	14	8	19	-1	67	0
Damietta	40	2		00	0	0	—	21.0	14	10	20	0	77	0
Port Sa'îd (A)	10	6	18	02	0	0	—	21.5	15	10	20	+1	72	0
El 'Arish														
Damanhûr	290	2	10	01	0	1	cu	21.2	14	10	22	-1	77	0
Manṣûra	00	0		00	0	0	—	21.5	15	9	22	-1	68	0
Ṭanṭa	360	5	20	02	0	0	—	21.8	14	12	22	-2	88	0
Shebîn el Kôm	290	2	10	01	1	2	Sc	21.1	16	5	21		49	0
Zagazig	00	0	10	02	0	0	—	20.6	16	12	23	-1	77	0
Isma'ilîa														
Cairo (A)	70	2	12	02	0	0	—	21.4	16	4	21		45	0
Cairo Almâza (A)	10	4	15	02	0	0	—	21.0	17	8	23	0	56	0
Cairo Ezbekîya											23	-2		
Giza	10	7	10	02	0	0	—	21.4	16	8	22	-2	59	0
Ḥelwân	00	0	10	02	0	0	—	20.8	16	8	20	-4	59	0
Fayoûm	290	4	20	02	0	0	—	20.8	15	7	23	-2	59	0
Minya (A)	00	0	7	02	0	0	—	20.5	13	5	23	-2	59	0
Aṣyoûṭ (A)	320	4	12	02	0	0	—	20.5	14	3	24	-1	48	0
Nag' Ḥamâdi	00	0		00	0	0	—	18.8	17	7	26	-1	52	0
Qena	290	2		00	0	0	—	18.8	17	4	26	-5	42	0
Luxor (A)	280	5	12	02	0	0	—	18.8	16	1	25		36	0
Aswân	350	5	14	02	0	0	—	17.9	20	-1	26	-5	24	0
Sîwa	00	0	14	02	0	2	ci	20.6	17	0	25	0	32	0
Baḥarîya	00	0	10	02	0	0	—	21.6	15	7	24	-1	59	0
Farafra	00	0	12	02	0	0	—	21.8	17	3	23		39	0
Dakhla	20	3	13	02	0	0	—	20.3	19	-3	24	-4	23	0
Kharga	00	0	5	02	0	0	—	18.3	15	3	26	-3	45	0
Suez	20	2	10	02	0	0	—	20.6	15	9	23	-1	68	0
Tôr														
Hurghâda	280	5	10	02	0	0	—	19.6	15	3	21	-1	45	0
Quseir	00	0	20	02	0	0	—	19.9	17	7	21	-4	52	0
Port Sûdân	340	6	16	06	0	0	—	16.6	21	15	27		69	0
Wâdi Halfa	30	9	20	02	0	0	—	16.7	21	-1	28		23	0
Abu Ḥamad	360	5	24	02	0	0	—	13.9	22	-1	30		21	0
Kareima	50	6	21	02	0	1	ci	13.4	24	-8	30		12	0
'Aṭbara	20	10	20	02	0	3	ci	11.9	24	0	33		21	0
Kharṭoûm	10	4	20	02	2	7	cs	10.8	26	5	33		27	0
Kassala	20	5	20	02	2	7	cs	8.9	27	7	35		28	0
Wâd Medani											34			
Renk											39			
Roseires														
El Obeid	30	5	20	02	2	7	cs	9.9	24	-7	30		13	0
El Fasher											31			
Geneina														
Malakál	360	7	20	02	2	7	Ac, cs	8.9	25	10			39	0
Wâu											36			
Juba	320	3	24	01	2	7	cs	5.1	29	17	34		49	dr

At 0600 on SUNDAY 17th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal From Oct. 1st
Salloûm	270	8	18	03	1	8	cs	19.1	+2.9	16	3	13	+2	42	0	232	
Sîdi Barrâni	290	13	16	02	1	3	cs	18.8		14	7	8		63	0	226	
Matrûḥ (A)	200	12	16	03	1	3	ci	19.5	+3.0	14	6	8		59	0	243	
El Ḍab'aa			10	00	0	0	—	20.9		12	10	8		88	0	203	
Alexandria	180	6	20	03	0	1	cs	21.1	+5.2	14	8	11	-2	67	0	275	176
Alexandria (A)	210	7	12	02	0	0	—	20.8	+4.3	14	9	9	-2	72	0	242	135
Damietta	200	2	10	00	0	0	—	20.6	+4.8	13	11	7	-4	88	0	214	97
Port Sa'îd (A)	230	6	12	02	0	0	—	20.6	+4.3	15	11	11	-2	77	0		
El 'Arish																	
Damanhûr	200	2	10	02	0	1	ci	20.6	+4.4	13	9	8	-2	77	0	138	89
Manṣûra	270	3		00	0	0	—	21.5	+5.5	13	11	7	-3	88	0	68	45
Ṭanṭa	00	0	20	02	0	0	—	20.8	+4.2	12	10	5	-4	88	0	79	84
Shebîn el Kôm	140	2	10	01	1	1	cu	20.6	+4.4	12	8	8		77	0	68	
Zagazig	00	0	10	02	0	0	—	20.6	+4.4	10	6	5	-4	76	0	53	23
Isma'ilîa																	
Cairo (A)	00	0	12	03	0	1	As, cs	20.9		15	7	11		59	0	48	
Cairo Almâza (A)	260	1	12	02	0	0	—	20.4	+3.6	16	9	10	-1	64	0	53	
Cairo Ezbekîya										18	9	10	-1	56	0	43	21
Giza	180	5	<1	44	—	0	—	21.2	+4.7	14	9	6	-2	72	0	53	20
Ḥelwân	00	0	4	02	0	0	—	21.2	+5.0	14	8	10	-1	67	0	36	22
Fayoûm	00	0	20	02	0	0		21.4	+5.4	15	8	8	-2	63	0	16	7
Minya (A)	340	3	8	03	0	1	AC	21.0	+3.5	11	7	5	-3	77	0	2	
Aṣyoûṭ (A)	00	0	10	02	0	0	—	21.6	+5.5	11	2	9	0	54	0	dr	
Nag' Ḥamâdi	00	0		00	0	0	—	20.6	+5.1	14	8	6	-3	67	0	1	
Qena	00	0	10	00	0	0	—	20.4	+5.6	15	4	5	-7	48	0	dr	
Luxor (A)	00	0	22	02	0	0	—	19.5	+4.2	14	-2	6		34	0	0	
Aswân	70	4	12	02	0	0	—	15.8	+1.0	14	3	10	-5	48	0	8	
Sîwa	00	0	16	03	1	6	cs	20.1	+2.3	10	-2	5	-3	44	0	23	7
Baḥarîya	00	0	10	02	0	3	ci	21.4	+4.6	12	5	5	-4	63	0	2	7
Farafra	.															dr	
Dakhla	00	0	19	02	0	0	—	21.0	+4.7	10	-4	7	-3	38	0	1	
Kharga	360	4	8	02	0	0	—	18.2	+2.5	17	5	9	-2	46	0	3	
Suez	20	1	20	00	0	0	—	21.0	+5.0	13	7	5	-7	67	0	35	14
Tôr																	12
Hurghâda	300	12	22	02	0	0	—	19.7	+4.3	18	2	8	-4	34	0	dr	
Quseir	300	9	20	02	0	0	—	19.4	+5.2	19	-3	12	-5	23	0	dr	4
Port Sûdân	350	13	16	06	2	2	Sc	16.3		21	14	16		65	0		
Wâdi Halfa	20	6	20	03	0	0	—	17.8		15	0	10		36	0		
Abu Ḥamad	360	5	24	02	0	5	ci	15.6		18	0	12		30	0		
Kareima	50	5	50	02	2	3	St	17.0		16	13	10		82	0		
'Aṭbara	30	12	20	02	1	3	ci	13.1		19	3	12		35	0		
Kharṭoûm	30	13	20	03	1	6	Ac, cs	12.0		25	4	16		26	0		
Kassala	30	6	20	03	0	3	Ac, cs	9.7		22	11	13		50	0		
Wâd Medani	50	9	20	02	0	2	cc	11.2		22	4			31	0		
Renk	360	5	20	02	1	4	AC	12.4		31	-5	16		9	0		
Roseires																	
El Obeid	30	12	20	03	2	7	Ac, cs	11.5		29	-11	12		7	0		
El Fasher	330	4	26	02	2	7	cs	16.5		15	-9	11		18	0		
Geneina																	
Malakál	360	14	20	02	2	7	cs	9.0		25	2			22	0		
Wâu	00	0	20	02	1	3	ci	8.9		21	8	17		44	0		
Juba	00	0	24	02	2	7	Ac, cs	9.0		25	19	22		70	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3		17-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	4	170	4	260	5	310	13	270	4	350	13	340	11	330	7	140	10	50	9	40	5
600 m.	190	9	180	8	180	6	350	9	270	11	360	12	360	11	330	7	140	10	50	6	80	6
1000 m.	190	12	190	12	220	6	320	5	260	13	10	10	10	12	340	14	130	10	50	7	80	6
1500 m.	180	13	180	4	310	3	90	7	270	13	60	13	20	14	340	11	170	9	60	7	100	12
2100 m.	200	15	190	8	350	4			290	18	20	10	20	15	320	15	160	9	70	7		
2400 m.	200	12	200	13	30	6			310	15	30	12	50	12	330	6	140	13	90	8		
3000 m.					40	8					360	14	20	13	340	8	130	13	80	7		
4000 m.					250	17											180	13	280	2		
5000 m.					260	16													280	16		
6000 m.					270	26													290	29		

STATION	Dakhla		Kharga		Hurghada				S.Barrani		Alex. (A)		Cairo (A)		Asyout		Luxor		Siwa		Hurghada	
DATE	17-3		17-3		17-3				18-3		18-3		18-3		18-3		18-3		18-3		18-3	
TIME	14		14		14				3		2		4		2		2		2		2	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	50	11	10	11	340	11			170	21	90	7	90	15	80	5	60	12	180	23	320	18
600 m.	40	9	10	12	340	10			200	10	50	5	30	9	80	17	60	19	130	20	360	6
1000 m.	50	9	30	9	330	10			130	10	10	6	40	11	80	17	80	18	130	17	30	10
1500 m.	60	9	30	10	320	4			160	17	60	10	40	16	70	19	100	17	110	20	120	10
2100 m.	60	15	70	4	360	11			180	20			30	10			70	17	190	10	30	9
2400 m.					10	11			190	16			40	12			30	11	180	11	20	10
3000 m.					340	11			210	14			30	4			360	7	200	10		
4000 m.									260	8												
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Hurghada	
DATE	18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3	
TIME	8		8		8		8		8		8		8		8		8		8		9	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	5	120	10	90	6	20	23	80	6	120	7	20	12	100	16	80	6	90	4	320	5
600 m.	180	5	90	9	40	7	20	13	80	12	160	10	90	27	100	14	50	17	110	16	140	11
1000 m.	190	22	90	21	40	5			70	12	120	7	80	16	120	5	50	10	110	20	90	10
1500 m.	200	23			360	20			60	15			90	14	120	13	60	20	110	15	130	11
2100 m.					10	10							70	19	120	23	50	15			70	12
2400 m.					10	9							80	23			50	15			70	13
3000 m.					350	11															40	6
4000 m.					290	13									300	19					280	6
5000 m.					300	17									270	3						
6000 m.					280	40																

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						17-3																
TIME						14																
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	21													
1000 mb.						168	20		250	4										
950 mb.																				
900 mb.																				
850 mb.						1547	15		300	3										
800 mb.																				
700 mb.						3156	3		40	7										
600 mb.																				
500 mb.						5779	-16		260	28										
400 mb.						7419	-29		280	36										
300 mb.						9409	-44		270	57										
200 mb.						12010	-63		270	65										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are [illegible]
4. Altitudes are [illegible]

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 18th March, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow!

Abnormally hot weather prevails Egypt. Fresh and warm S'ly winds on the coast in the west; strong at times with rising dust in scattered places. In Lower Egypt & Cairo: Mod. E/SE'ly winds, veering later to warm fresh S'ly. High & medium clouds over N. coast, Delta & Cairo. In Upper Egypt: Mod. E'ly winds, mainly clear, some high clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 02 U.T.
Sunset 16 05 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures Dry Bulb	Temperatures Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	210	8	18	02	2	8	cs	18.2	24	2	24
	303	SÎDI BARRÂNI	20	8	18	02	1	7	cs	18.8	20	8	46
	306	MATRÛḤ (A)	350	8	16	02	2	7	cs	19.6	22	8	41
	309	EL ḌAB'AA			20	00	0	4	cc	22.3	24	3	26
	319	ALEXANDRIA	270	8	20	03	0	2	cs	21.0	19	9	52
	318	ALEXANDRIA (A)	70	14	12	02	0	3	ci	20.6	22	9	44
	330	DAMIETTA	250	2	20	02	0	0	—	19.8	22	9	44
	333	PORT SA'ÎD (A)	350	1	20	01	0	0	—	20.3	19	11	60
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	2	20	03	0	3	ci	20.0	24	9	38
	342	MANṢÛRA	270	5		02	0	0	—	20.8	24	6	32
	348	ṬANTA	00	0	20	02	0	0	—	20.7	23	10	44
	360	SHEBÎN EL KÔM	160	5	20	01	1	2	cu	20.2	23	1	24
	354	ZAGAZIG	140	1	20	02	0	0	—	19.5	24	16	61
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	30	4	18	02	0	1	ci	19.3	24	5	30
	372	CAIRO ALMÂZA (A)	350	6	25	63	2	5	ci	19.3	24	3	26
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	5	12	03	0	3	cs	20.4	23	4	24
	378	ḤELWÂN	320	5	10	02	1	2	ci	19.4	23	-1	20
Upper Egypt	381	FAYOÛM	330	4	20	02	1	8	cs	19.9	24	4	28
	387	MINYA (A)	360	6	10	03	0	2	ci	18.8	26	2	21
	393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	18.7	25	-6	13
	399	NAG' ḤAMÂDI	00	0	10	00	0	0	—	17.1	28	8	29
	402	QENA	00	0	20	00	0	0	—	16.6	27	-2	15
	405	LUXOR (A)	350	11	22	02	0	0	—	16.7	28	-1	15
	414	ASWÂN	20	8	14	02	0	0	—	14.7	28	-23	3
Oases	417	SÎWA	160	10	16	02	1	6	cs	19.1	26	-4	14
	420	BAḤARÎYA	40	2	20	03	2	7	ci	19.4	26	12	42
	423	FARAFRA	10	2	20	03	0	1	ci	19.9	26	-4	14
	432	DAKHLA	100	3	22	02	0	0	—	17.9	27	-8	9
	435	KHARGA	350	8	15	02	0	0	—	16.7	28	0	16
Red Sea	450	SUEZ	40	2	50	03	0	1	cu	19.4	24	6	32
	459	TÔR											
	462	HURGHÂDA	20	10	22	03	0	0	—	18.2	22	8	41
	465	QUSEIR	360	8	20	01	0	0	—	18.6	22	11	50
	641	PORT SÛDÂN	30	21	7	07	0	2	ns,ci	12.7	26	21	74
North Sudan	600	WÂDI ḤALFA	50	13	20	01	0	1	ci	14.2	28	0	16
	640	ABU ḤAMAD	50	5	24	01	1	1	ci	10.2	31	-1	12
	660	KAREIMA											
	680	'AṬBARA	20	7	20	02	0	2	ci	8.6	32	-8	7
	721	KHARṬOÛM	30	13	20	02	2	6	cs	7.5	33	8	21
	730	KASSALA	30	5	10	02	2	7	cs	4.3	35	11	23
Central Sudan	751	WÂD MEDANI	360	9		02	0	7	ci	6.3	33	-7	7
	801	RENK	310	15	20	02	1	4	Ac, ci	7.6	31	2	16
	802	ROSEIRES	310	5	20	02	0	1	ci	2.8	37	4	13
	771	EL OBEID	40	9	20	02	2	7	cs	6.9	32	-14	4
	760	EL FASHER	20	8	26	02	2	7	cs	7.0	31	-6	9
	770	GENEINA	40	6	50	02	2	1	cs	6.3	34	-10	5
S. Sûdân	840	MALAKÂL	60	10	20	02	2	1	cs	4.2	37	4	13
	880	WÂU	50	7	20	03	2	6	cs	3.7	37	-3	8
	941	JUBA	360	2	24	02	2	7	cs	4.4	34	8	20

At 1800 on 17th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	10	02	2	6	cs	17.8	17	12	27	+6	72	0
303	SÎDI BARRÂNI	130	11	15	01	1	0	—	17.8	16	6	24		52	0
306	MATRÛḤ (A)	110	7	16	02	2	5	cs	19.2	13	11	25		88	0
309	EL ḌAB'AA				00	0	0	—	19.4	14	10	24		77	0
319	ALEXANDRIA	360	1	20	01	0	1	cs	21.0	17	9	21	0	60	0
318	ALEXANDRIA (A)	00	0	12	01	2	0	—	20.3	14	10	22	+2	77	0
330	DAMIETTA	250	2		02	0	0	—	20.6	15	13	22	+2	88	0
333	PORT SA'ÎD (A)	20	9	18	02	0	1	ci	20.8	16	12	22	+3	77	0
336	EL 'ARISH														
339	DAMANHÛR	90	2	10	01	0	1	ci	20.3	15	9	24	+1	68	0
342	MANṢÛRA	00	0		02	0	0	—	20.4	17	9	26	+3	60	0
348	ṬANTA	40	6	20	02	0	0	—	21.4	15	9	25	+1	68	0
360	SHEBÎN EL KÔM	140	2	10	01	1	2	Sc	20.0	18	6	24		46	0
354	ZAGAZIG	220	1	10	02	0	0	—	19.2	18	13	25	+1	73	0
441	ISMA'ILÎA														
366	CAIRO (A)	70	3	12	01	0	0	—	19.8	18	7	25		49	0
372	CAIRO ALMÂZA (A)	20	4	18	02	0	0	—	19.7	19	5	26	+3	40	0
374	CAIRO EZBEKÎYA											27	+2		
375	GIZA	40	3	8	01	0	1	ci	20.0	19	7	24	0	46	0
378	ḤELWÂN	340	5	10	01	1	0	—	19.4	19	4	24	0	37	0
381	FAYOÛM	330	4	20	01	0	0	—	19.1	18	8	25	-1	52	0
387	MINYA (A)	20	6	8	02	0	0	—	18.5	14	6	27	+2	59	0
393	AṢYOÛṬ (A)	260	3	12	02	0	0	—	17.8	19	2	27	+1	32	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	15.6	18	-5	29	+2	20	0
402	QENA	270	1		00	0	0	—	16.8	18	6	30	-1	46	0
405	LUXOR (A)	00	0	12	02	0	0	—	16.4	20	-5	29		18	0
414	ASWÂN	350	6	12	02	0	0	—	15.5	22	-7	30	-1	14	0
417	SÎWA	140	8	15	01	1	0	—	17.3	19	-3	27	+2	23	0
420	BAḤARÎYA	00	0	10	02	0	0	—	18.9	18	7	27	+1	49	0
423	FARAFRA	00	0	22	01	0	1	ci	19.2	20	-4	25		19	0
432	DAKHLA	20	4	8	02	0	0	—	18.4	21	-17	28	-1	7	0
435	KHARGA	00	0	8	02	0	0	—	16.2	17	0	28	-1	32	0
450	SUEZ	00	0	10	01	0	0	—	19.2	19	4	25	+1	37	0
459	TÔR														
462	HURGHÂDA	300	6	12	02	0	3	ci	18.2	16	9	23	+1	64	0
465	QUSEIR	270	2	20	02	0	0	—	18.5	18	10	23	-2	60	0
641	PORT SÛDÂN	340	5	20	01	0	0	—	14.7	23	16	29		65	0
600	WÂDI ḤALFA	20	9	20	02	0	0	—	14.6	21	0	30		25	0
640	ABU ḤAMAD	360	2	24	01	0	0	—	11.6	24	-3	32		17	0
660	KAREIMA	50	7	21	01	0	0	—	11.5	26	-6	32		12	0
680	'AṬBARA	10	6	20	02	0	0	—	9.7	25	-8	33		11	0
721	KHARṬOÛM	350	5	20	01	2	2	ci	8.9	27	8	33		30	0
730	KASSALA	10	6	20	01	1	0	—	7.6	28	10	36		33	0
751	WÂD MEDANI											35			
801	RENK											37			
802	ROSEIRES											37			
771	EL OBEID	30	5	20	02	2	7	cs	7.6	25	-3	32		16	0
760	EL FASHER	50	8	20	01	1	2	cs	9.5	25	-6	33		13	0
770	GENEINA	40	3	56	01	2	1	ci	7.8	27	-1	26		16	0
840	MALAKÂL	10	7	20	02	2	7	cs	6.5	30	8	39		25	0
880	WÂU											39			
941	JUBA	00	0	24	02	1	4	cs	5.0	27	15	36		48	0

At 0600 on MONDAY 18th MARCH, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	00	0	18	01	1	3	ci	18.5	+2.4	17	2	15	+4	37	0	232	
303	SÎDI BARRÂNI	180	17	16	01	2	5	ci	18.4		13	0	10		41	0	226	
306	MATRÛḤ (A)	110	7	15	02	2	6	ci	19.7	+3.2	15	6	7		55	0	243	
309	EL ḌAB'AA			10	00	0	0	—	19.9		14	3	7		48	0	203	
319	ALEXANDRIA	130	8	10	02	4	1	ci	21.4	+5.6	15	11	12	-1	64	0	275	176
318	ALEXANDRIA (A)	00	0	14	01	2	2	ci	21.1	+4.6	14	12	9	-2	88	0	242	135
330	DAMIETTA	200	2		00	0	0	—	21.4	+5.7	15	13	8	-3	88	0	214	97
333	PORT SA'ÎD (A)	140	1	8	01	0	0	—	21.3	+5.0	18	12	12	-1	68	0		
336	EL 'ARISH																	
339	DAMANHÛR	90	2	10	00	4	0	—	21.4	+5.3	16	10	6	-4	68	0	138	89
342	MANṢÛRA	00	0		00	0	0	—	21.9	+6.0	14	10	10	0	77	0	68	45
348	ṬANTA	90	3	20	02	0	0	—	21.9	+5.4	15	9	7	-2	68	0	79	34
360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	21.2	+5.1	15	9	10		68	0	58	
354	ZAGAZIG	40	1	10	02	0	0	—	21.4	+5.3	15	9	8	-1	68	0	53	23
441	ISMA'ILÎA																	
366	CAIRO (A)	140	8	20	02	0	0	—	20.7		16	6	13		52	0	48	
372	CAIRO ALMÂZA (A)	90	10	20	02	0	0	—	20.4	+3.7	18	2	13	+2	34	0	53	
374	CAIRO EZBEKÎYA										18	10	10	-1	60	0	43	21
375	GIZA	00	0	10	01	—	0	—	21.4	+4.9	13	10	7	-1	54	0	53	20
378	ḤELWÂN	00	0	10	02	0	0	—	20.7	+4.5	17	4	13	+2	42	0	36	22
381	FAYOÛM	330	4	20	02	0	0	—	20.7	+4.4	15	7	9	-1	59	0	16	7
387	MINYA (A)	20	3	9	02	0	0	—	19.6	+2.2	13	6	5	-3	63	0	2	
393	AṢYOÛṬ (A)	00	0	12	02	0	0	—	20.0	+4.0	14	-3	10	+1	32	0	dr	
399	NAG' ḤAMÂDI	00	0		03	0	4	Ac, cs	19.2	+3.8	16	9	8	-1	64	0	1	
402	QENA	320	2	10	00	0	0	—	19.1	+4.3	18	-2	6	-6	26	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	18.9	+3.7	14	3	7		48	0	0	
414	ASWÂN	00	0	14	02	0	0	—	17.6	+2.8	16	1	9	-6	36	0	8	
417	SÎWA	100	3	15	03	1	4	ci	18.6	+0.9	12	-3	7	-1	36	0	23	7
420	BAḤARÎYA	00	0	10	02	0	0	—	20.0	+3.3	15	8	6	-3	63	0	2	7
423	FARAFRA	00	0	15	02	0	1	ci	20.8		10	-8	6		28	0	dr	
432	DAKHLA	00	0	15	02	0	0	—	19.2	+3.0	10	-9	8	-2	26	0	1	
435	KHARGA	00	0	10	02	0	0	—	17.8	+2.1	15	0	9	-3	36	0	3	
450	SUEZ	20	2	20	00	0	0	—	20.8	+4.8	16	8	7	-5	59	0	28	14
459	TÔR																	12
462	HURGHÂDA	320	15	22	02	0	0	—	19.2	+3.8	19	-3	9	-3	23	0	dr	
465	QUSEIR	200	7	20	02	0	0	—	19.2	+5.1	21	1	14	-3	27	0	dr	4
641	PORT SÛDÂN	330	12	20	03	2	3	Sc	11.6		24	16	17		61	0		
600	WÂDI ḤALFA	30	3	20	02	0	0	—	16.5		15	0	10		36	0		
640	ABU ḤAMAD	20	9	24	02	0	0	—	13.7		19	6	12		43	0		
660	KAREIMA	70	2	21	02	0	0	—	14.2		18	-2	14		26	0		
680	'AṬBARA	30	7	20	02	0	1	ci	12.5		22	0	15		23	0		
721	KHARṬOÛM	50	5	20	02	1	4	cs	12.7		20	7	17		43	0		
730	KASSALA	00	0	20	02	2	7	cs	10.1		24	13	15		50	0		
751	WÂD MEDANI	50	9	20	02	1	2	ci	11.7		22	7	14		38	0		
801	RENK	360	5	20	02	0	0	—	12.6		23	3	15		27	0		
802	ROSEIRES	230	2	20	02	1	3	ci	10.0		24	5	19		30	0		
771	EL OBEID	20	9	20	03	0	3	ci	11.6		22	-6	13		15	0		
760	EL FASHER	290	4	28	01	1	1	ci	15.2		15	-5	10		25	0		
770	GENEINA	50	7	50	02	0	1	cs	13.5		19	-17	17		8	0		
840	MALAKÂL	30	13	20	01	2	4	Ac,cs	10.6		27	3	12		22	0		
880	WÂU	00	0	20	02	0	1	ci	9.2		23	8	19		38	0		
941	JUBA	80	5	24	03	2	7	Ac,cs	9.3		27	16	21		52	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3		18-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	140	9	130	10	90	4	60	14	50	7	350	9	330	3	350	16	50	9	120	12	80	17
600 m	150	13	160	13	130	5	90	16	70	8	20	9	60	10	20	10	50	9	110	10	80	16
1000 m.	170	17	160	11	160	7	80	8	70	7	50	10	80	12	40	17	60	9	140	7	120	8
1500 m.	180	17	190	19	180	10			80	5	100	14	100	14	70	29	80	13	170	20	80	9
2100 m.	200	16	190	26	190	10			10	4	100	25			110	33	80	13	170	23	120	15
2400 m.	190	17	200	25	190	12			300	2	110	22					70	12	180	17	120	13
3000 m.	240	17			200	13			250	9	110	10					80	4	190	18	140	22
4000 m.					240	12			280	17							00	0			150	11
5000 m																	270	4				
6000 m.																	270	17				

STATION	Farafra		Dakhla		Hurghada				Alex.(A)		P.Said		Asyout		Luxor				Dakhla		Hurghada	
DATE	18-3		18-3		18-3				19-3		19-3		19-3		19-3				19-3		19-3	
TIME	14		14		14				2		2		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	360	5	320	3	40	7			100	12	90	25	110	8	10	9			100	11	160	36
600 m.	270	4	280	9	100	4			120	14	100	23	140	14	80	12			110	19	70	17
1000 m.	120	6	270	7	100	4			120	14	100	18	140	16	100	16			120	34	90	3
1500 m.	140	16	280	18	60	9			140	19	110	20	130	17	100	18			130	20	120	17
2100 m	140	9			100	12			160	21	130	16	150	15	100	40			130	16	140	19
2400 m.	150	10			130	20					140	16	140	21	110	31			140	16	120	22
3000 m.	160	10									170	14							220	8	140	9
4000 m.																					270	2
5000 m																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	160	12	160	13	130	21	100	19	240	3	150	7	150	7	10	8	160	15	90	3	30	11
600 m.	190	19	190	20	150	2	110	16	200	8	150	9	150	17	80	21	170	17	110	5	160	14
1000 m.	200	24	180	23	160	19	130	14	190	8	160	10			110	27	200	17	150	9	150	11
1500 m.	210	46	200	11	170	15	140	12	190	17	180	12			140	25	260	8	170	11	160	16
2100 m			200	17	190	9	140	16							130	29	240	8	170	15	150	4
2400 m.			180	17	180	4									130	49	180	4	170	18	160	11
3000 m.					200	15											130	9	170	13	150	6
4000 m.																	200	10				
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						18-3					18-3									
TIME						14					14									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	21				111	33		50	12					
1000 mb.						167	20		90	3	135	33		50	12					
950 mb.																				
900 mb.																				
850 mb						1550	15		120	5	1559	20		80	13					
800 mb																				
700 mb.						3161	5		210	14	3189	9		80	4					
600 mb.																				
500 mb.						5858	-12				5784	-9		280	10					
400 mb						7511	-26				7473	-21		290	26					
300 mb.						9526	-41				9526	-37		270	22					
200 mb.						12160	-59				12240	-54		290	78					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 19th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Khamasin conditions still prevail all over the Republic. Moderate SE ly winds, fresh at times, raising light dust. Medium and high clouds increasing over Lower Egypt and Cairo.

In Upper Egypt: Moderate E ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 01 U.T. / Sunset 16 46 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th

Station	Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	62300	70	5	18	02	1	8	As	17.4	26	6	28	0
SÎDI BARRÂNI	303	80	13	18	03	2	8	cs	18.1	22	9	44	0
MAT'RÛH (A)	306	70	12	15	02	2	8	cs	19.1	23	9	41	0
EL DAB'AA	309			20	00	0	7	cs	19.2	20	8	46	
ALEXANDRIA	319	40	6	20	03	0	6	cs	20.2	22	11	50	0
ALEXANDRIA (A)	318	70	8	16	02	2	7	ci	19.7	25	12	45	0
DAMIETTA	330	40	5	20	00	0	0	—	21.1	21	10	50	0
PORT SA'ÎD (A)	333	40	7	20	01	0	1	ci	20.8	20	11	56	0
EL 'ARISH	336												
DAMANHÛR	339	00	0	20	02	1	6	cs	19.6	25	11	42	0
MANŞÛRA	342	90	6		02	0	0	—	20.2	26	10	37	0
ṬANṬA	348	90	6	20	03	2	8	cs	20.4	26	10	37	0
SHEBÎN EL KÔM	360	90	5	20	01	1	3	As	19.8	25	2	22	0
ZAGAZIG	354	360	1	20	01	1	2	ci	20.2	25	13	48	0
ISMA'ILÎA	441												
CAIRO (A)	366	90	10	16	03	2	6	cs	18.8	28	-2	15	0
CAIRO ALMÂZA (A)	372	40	10	20	02	0	6	cs	18.3	28	-3	13	0
CAIRO EZBEKÎYA	374												
GIZA	375	70	8	10	03	1	7	cs	18.2	27	3	22	0
HELWÂN	378	40	7	10	02	1	6	ci	17.8	29	-4	11	0
FAYOÛM	381	330	4	20	03	0	2	cs	18.2	28	8	29	0
MINYA (A)	387	10	3	10	02	0	2	ci	16.2	30	3	18	0
ASYOÛT (A)	393	00	0	14	03	0	1	ci	16.8	30	-1	13	0
NAG' HAMÂDI	399	320	2	10	01	0	2	Ac	15.9	30	11	31	0
QENA	402	00	0	20	00	0	0	—	15.8	31	5	19	0
LUXOR (A)	405	340	9	22	02	0	0	—	15.0	32	-4	16	0
ASWÂN	414	100	8	16	02	0	0	—	13.6	34	-7	7	0
SÎWA	417	170	14	16	02	2	7	cs	17.4	28	-5	11	0
BAHARÎYA	420	40	3	20	03	2	7	Ac	17.3	28	12	37	0
FARAFRA	423	120	4	20	03	1	4	Ac	17.2	28	-4	12	0
DAKHLA	432	140	5	20	02	0	0	—	16.4	32	-21	3	0
KHARGA	435	50	1	15	02	0	0	—	14.3	32	0	13	0
SUEZ	450	20	2	50	03	0	3	cu	18.8	27	6	27	0
TÔR	459												
HURGHÂDA	462	360	8	22	02	0	0	—	17.7	25	10	39	0
QUSEIR	465	340	12	20	02	0	0	—	17.6	23	12	50	0
PORT SÛDÂN	641	30	14	20	02	0	2	Sc	13.7	26	19	66	0
WÂDI HALFA	600	90	32	20	02	0	0	—	11.8	32	-4	10	0
ABU HAMAD	640	50	2	23	02	0	0	—	9.6	33			0
KAREIMA	660	100	2	21	02	0	0	—	9.4	32	1	14	0
ÁṬBARA	680	90	5	20	02	0	0	—	6.8	35	3	13	0
KHARTOÛM	721	50	8	20	02	0	1	Ac, ci	6.2	35	0	11	0
KASSALA	730	00	0	20	02	2	6	cs	3.9	38	11	19	0
WÂD MEDANI	751	360	9	20	02	1	6		5.6	31	0	13	
RENK	801	310	9	20	02	0	2	Ac	5.9	38	3	11	
ROSEIRES	802	230	2	20	02	1	1	ci	2.2	40	8	14	
EL OBEID	771	70	4	20	03	1	7	cs	5.5	34	-4	9	0
EL FASHER	760	160	7	28	03	0	3	ci	6.9	33	-5	8	0
GENEINA	770	70	1	50	03	2	6	cs	6.1	35	-3	9	0
MALAKÂL	840	240	6	10	04	2	7	cs	4.9	38	10	18	0
WÂU	880	50	5	20	02	0	2	ci	3.4	39	4	12	0
JUBA	941	90	8		02	2	7	Ac, cs	2.7	38	11	19	0

At 1800 on 18th

Station	Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %
SALLOÛM	62300	00	0	14	62	1	8	As	16.8	19	12	28	+7	64
SÎDI BARRÂNI	303	130	16	12	02	2	8	As	17.1	19	5	29		40
MAT'RÛH (A)	306	00	11	12	01	1	3	cs	17.0	16	13	26		82
EL DAB'AA	309													
ALEXANDRIA	319	00	16	20	01	1	1	cs	21.0	18	8	25	+3	52
ALEXANDRIA (A)	318	40	10	12	01	0	0	—	21.2	16	12	25	+5	77
DAMIETTA	330	40	2		00	0	0	—	21.0	17	13	21	+1	77
PORT SA'ÎD (A)	333	00	13	18	01	0	0	—	21.2	17	14	21	+1	83
EL 'ARISH	336													
DAMANHÛR	339	00	9	10	01	1	2	ci	20.0	16	10	26	+3	68
MANŞÛRA	342	00	6		02	0	0	—	20.6	17	9	26	+2	60
ṬANṬA	348	90	7	20	02	0	0	—	20.6	15				
SHEBÎN EL KÔM	360	10	2	10	01	1	2	As	20.0	17	9	25		60
ZAGAZIG	354	00	2	10	02	0	0	—	20.2	18	10	26	+2	60
ISMA'ILÎA	441													
CAIRO (A)	366	90	12	2	01	2	2	ci	19.3	20	1	28		28
CAIRO ALMÂZA (A)	372	40	13	15	01	2	5	Ac, ci	19.2	21	0	28	+5	25
CAIRO EZBEKÎYA	374											30	+5	
GIZA	375	70	13	8	01	0	0	—	18.1	20	8	28	+4	46
HELWÂN	378	40	15	10	01	1	2	ci	18.2	22	4	30	+6	31
FAYOÛM	381	360	4	20	01	0	0	—	17.6	21	7	31	+5	41
MINYA (A)	387	10	2	8	01	1	0	—	16.4	19	7	31	+6	46
ASYOÛT (A)	393	00	0	12	02	0	0	—	16.4	24	3	31	+5	26
NAG' HAMÂDI	399	00	0		01	0	2	Ac	15.9	22	9	33	+6	44
QENA	402	00	0		00	0	0	—	15.5	23	8	32	+1	38
LUXOR (A)	405	10	0	12	02	0	0	—	15.0	26	-6	33		12
ASWÂN	414	00	0	10	02	0	0	—	13.2	29	-6	35	+4	10
SÎWA	417	160	12	14	01	2	6	As	16.5	22	-4	28	+2	17
BAHARÎYA	420	00	0	10	01	2	0	—	16.9	22	8	30	+4	41
FARAFRA	423	00	0	12	01	0	1	ci	17.9	23	-5	30		15
DAKHLA	432	00	0	9	03	0	4	ci	15.9	26	-12	32	+3	7
KHARGA	435	00	0	9	02	0	0	—	13.9	25	-7	34	+5	12
SUEZ	450	330	3	10	01	0	0	—	20.6	22	9	29	+5	44
TÔR	459													
HURGHÂDA	462	00	0	12	02	0	0	—	17.2	17	9	27	+5	60
QUSEIR	465	300	2	20	02	0	0	—	17.1	21	7	25	0	41
PORT SÛDÂN	641	360	4	20	01	2	2	Sc	15.0	25	21	28		79
WÂDI HALFA	600	50	9	20	02	0	0	—	12.2	26	-6	34		12
ABU HAMAD	640	50	2	24	02	0	0	—	9.9	27	2	35		20
KAREIMA	660	80	2	21	02	0	0	—	9.4	29	-2	35		13
ÁṬBARA	680	80	4	20	02	0	0	—	8.1	29	7	36		25
KHARTOÛM	721	10	5	20	02	0	0	—	8.0	30	7	37		24
KASSALA	730	20	4	20	02	0	0	—	6.6	31	12	39		31
WÂD MEDANI	751													
RENK	801											39		
ROSEIRES	802											41		
EL OBEID	771	50	6	20	01	1	1	ci	7.4	28	-3	36		13
EL FASHER	760	50	5	20	03	1	5	cs	8.1	27	1	35		19
GENEINA	770	20	0	50	01	2	6	cs	6.8	31	-5	36		9
MALAKÂL	840	190	4	20	04	2	7	cs	6.1	33	17	39		38
WÂU	880	00	0	20	01	0	0	—	4.9	33	14	39		32
JUBA	941	80	1	24	01	2	3	ci	5.2	32	15	39		36

At 0600 on TUESDAY 19th MARCH, 1957

Station	Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	62300	00	0	18	02	2	8	Sc, Cu, Ac	18.8	+2.7	18	8	16	+5	52	0	232	
SÎDI BARRÂNI	303	120	4	16	02	2	8	Sc, Ac	18.6		18	9	16		56	0	226	
MAT'RÛH (A)	306	100	10	14	03	2	7	Sc	16.5	+0.1	15	12	14		82	0	243	
EL DAB'AA	309			10	00	0	7	Ac, As	16.6		14	10	12		77	0	203	
ALEXANDRIA	319	130	8	4	05	4	8	As	18.4	+2.6	15	11	14	+1	77	0	275	177
ALEXANDRIA (A)	318	110	4	12	03	2	8	Sc, Ac, As	18.1	+1.7	15	13	14	+3	88	0	243	135
DAMIETTA	330	110	2		03	2	8	Sc	19.1	+3.4	17	15	12	+1	88	0	214	97
PORT SA'ÎD (A)	333	100	15	10	02	1	7	As, As, ci	18.9	+2.6	18	15	15	+1	83	0		
EL 'ARISH	336																	
DAMANHÛR	339	130	2		02	1	8	As	18.2	+2.1	16	12	11	+1	77	0	138	90
MANŞÛRA	342	40	5		03	1	8	As	18.6	+2.7	17	13	12	+2	77	0	68	46
ṬANṬA	348	90	8	20	03	2	6	As	18.8	+2.3	16	12	12	+3	77	0	79	84
SHEBÎN EL KÔM	360	40	2	10	01	1	2	As	18.8	+2.7	16	8	12		59	0	58	
ZAGAZIG	354	40	2	10	02	0	0	—	18.2	+2.2	15	9	8	-1	68	0	53	23
ISMA'ILÎA	441																	
CAIRO (A)	366	100	2	18	01	1	3	ci	17.0		21	2	16		29	0	48	
CAIRO ALMÂZA (A)	372	00	0	12	02	2	7	ci	17.1	+0.4	18	6	15	+4	46	0	53	
CAIRO EZBEKÎYA	374										18	11	13	+2	64	0	43	21
GIZA	375	330	3	5	03	—	4	Ac	17.1	+0.6	15	10	10	+2	72	0	53	20
HELWÂN	378	00	0	10	02	2	7	Ce	17.2	+1.1	22	-1	13	+2	21	0	36	22
FAYOÛM	381	20	2	20	02	2	7	St	18.2	+1.9	18	10	12	+2	60	0	16	7
MINYA (A)	387	310	3	8	02	1	1	ci	17.1	-0.2	16	7	8	0	56	0	2	
ASYOÛT (A)	393	00	0	10	01	1	2	ci	17.7	+1.8	18	-5	14	+5	20	0	dr	
NAG' HAMÂDI	399	00	0		03	0	3	Ac, cs	17.4	+2.1	19	6	10	+1	43	0	1	
QENA	402	00	0	10	03	1	3	ci	17.4	+2.7	19	4	11	-1	37	0	dr	
LUXOR (A)	405	00	0	22	02	2	3	cs	16.8	+1.7	18	-3	10		24	0	0	
ASWÂN	414	330	8	14	03	0	1	ci	16.0	+1.3	19	1	14	-1	30	0	8	
SÎWA	417	140	6	14	03	2	8	As	15.8	-1.8	16	3	13	+5	42	0	23	7
BAHARÎYA	420	00	0	20	02	2	8	Ac	17.0	+0.3	18	9	12	+3	56	0	2	7
FARAFRA	423	00	0	15	03	0	5	Ac	17.8		14	-10	10		18	0	dr	
DAKHLA	432	00	0	14	03	1	5	Ac, ci	17.5	+1.4	15	-15	11	+1	11	0	1	
KHARGA	435	00	0	10	01	2	3	ci	15.8	+0.2	21	3	13	+1	31	0	3	
SUEZ	450	00	0	20	00	0	3	cu	17.6	+1.7	21	10	12	0	50	0	28	14
TÔR	459																	12
HURGHÂDA	462	320	3	22	03	2	5	Cu, Ac, ci	17.8	+2.5	22	-2	12	0	20	0	dr	
QUSEIR	465	320	8	20	03	0	2	cs	17.5	+3.5	24	-8	16	-1	12	0	dr	4
PORT SÛDÂN	641	350	8	20	01	2	1	Sc	15.8		25	21			79	0		
WÂDI HALFA	600			20	02	0	0	—	14.4		19	-4	14		21	0		
ABU HAMAD	640	70	5	24	02	0	0	—	12.8		25	7	19		32	0		
KAREIMA	660	90	10	21	02	0	1	ci			23	5	20		32	0		
ÁṬBARA	680	40	7	20	02	0	0	—	12.4		24	12	18		47	0		
KHARTOÛM	721	20	7	20	02	0	0	—	11.2		25	3	23		24	0		
KASSALA	730	00	0	20	02	0	0	—	10.3		26	16	17		55	0		
WÂD MEDANI	751																	
RENK	801	230	2	20	02	0	3	Ac	12.1		26	8	19		32	0		
ROSEIRES	802	50	2	20	02	0	1	ci	9.1		28	6	12		25	0		
EL OBEID	771	10	3	20	02	0	1	ci	11.3		23	-4	16		16	0		
EL FASHER	760	340	3	30	02	2	6	Ac, cs	13.8		19	-4	15		21	0		
GENEINA	770	80	3	50	02	2	6	cs	14.2		19	-9	14		15	0		
MALAKÂL	840	200	10	20	17	9	7	Cb, As, Ac	12.2		26	18	25		62	dr		
WÂU	880	00	0	20	02	0	0	—	8.9		28	17	24		52	0		
JUBA	941	180	2	24	02	2	7	Ac, cs	9.6		27	16	21		52	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3		19-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	160	9	130	9	100	16	190	8	160	15	280	11	00	0	180	19	180	11	40	1	200	5
600 m.	190	16	160	10	140	12	200	10	160	19	280	10	60	3	180	14	180	11	270	1	40	2
1000 m.	190	14	160	10	200	16	220	11	140	30	310	8	140	8	180	11	170	11	240	3	360	8
1500 m.	200	16	180	11	230	14	170	7	170	15	60	6	120	8	180	12	160	11	210	8	70	4
2100 m.	160	14	210	9	210	11					250	5	100	10	200	9	160	14	220	6	130	2
2400 m.	190	10			200	12					110	15	100	15	210	4	150	14	360	3	90	3
3000 m.	210	16			220	10					110	15	150	4	220	13	130	9	200	13		
4000 m.	230	20									190	6	250	15	230	18	190	16	240	28		
5000 m.													260	22			240	23				
6000 m.													260	25								

STATION	Hurghada				Salloum		Alex.(A)		P.Said		Minya		Luxor		Siwa		Farafra		Kharga		Hurghada	
DATE	19-3				20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3	
TIME	14				2		2		2		2		2		2		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	5			180	21	190	7	180	12	100	9	50	14	200	12	270	4	40	2	160	8
600 m.	150	7			200	15	210	7	160	16	120	4	70	5	210	16	240	12	300	3	140	9
1000 m.	130	9			200	10	230	5	150	13	140	7	120	7	220	23	250	11	210	3	140	15
1500 m.	130	9			240	18	190	12	160	13	180	12	160	12	220	18	250	12	180	13	170	16
2100 m.	120	13					200	15	180	12	210	17	140	17	240	16	270	16	340	12	200	20
2400 m.	130	13					220	23	210	15	210	14	150	14	240	18			350	11	200	16
3000 m.	170	4					210	25	220	16									340	12	220	3
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Dakhla	
DATE	20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3	
TIME	8		8		8		4		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	120	14	180	4	230	9	180	4	190	13	150	4	140	6	340	3	280	12	120	5	360	4
600 m.	130	21	320	2	220	9	260	13	210	10	160	9	180	15	150	12	290	12	140	8	120	9
1000 m.	150	27	130	9	200	11	250	12	230	10	220	17	170	10	150	17	230	15	190	10	100	5
1500 m.	180	30	340	5	220	16	220	9	240	14			180	12	150	10	220	24	210	12	120	4
2100 m.					220	82	240	19	250	5					160	11	220	18	230	12		
2400 m.					220	97	240	17							180	5	210	23	200	13		
3000 m.							220	23							160	16			210	14		
4000 m.							140	16											250	24		
5000 m.							190	28											240	30		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION											Aswan										
DATE											19-3										
TIME											14										
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface											111	25		00	0						
1000 mb.																					
950 mb.																					
900 mb.																					
850 mb.											1568	20		120	8						
800 mb.																					
700 mb.											3197	7		150	4						
600 mb.																					
500 mb.											5879	-10		260	22						
400 mb.											7550	-24		240	29						
300 mb.											9582	-39		280	35						
200 mb.											12270	-54		260	64						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 20th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	with or without fog
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Khamasin conditions continue all over the Republic with hot weather and rising dust. Medium and high clouds increasing. Light to moderate S'ly winds. The prevailing Khamasin wave is expected to end by tomorrow with rain in scattered places of the western desert, extending later to the east.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 59 U.T. / Sunset 16 06 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	00	0	18	03	2	8	Sc,Ac	12.0	24	12	47	
	303	SÎDI BARRÂNI	90	15	16	02	2	8	Sc,Ac,As	13.1	20	12	60	
	306	MATRÛH (A)	80	10	14	02	2	7	Ac	14.6	20	13	64	
	309	EL DAB'AA			20	00	0	8	Ac	14.2	20	15	73	
	319	ALEXANDRIA	130	7		02	4	8	As	15.2	22	13	57	
	318	ALEXANDRIA (A)	90	7	12	02	2	8	Ac,As	15.2	22	17	74	
	330	DAMIETTA	70	5	10	02	2	7	Sc	16.3	20	13	64	
	333	PORT SA'ID (A)	60	10	18	02	2	7	Cs	16.4	19	14	73	
	336	EL 'ARISH												
Lower Egypt	339	DAMANHÛR	90	2	10	02	2	8	As	15.9	26	16	55	
	342	MANŞÛRA	90	5		03	2	6	As	15.6	30	13	35	
	348	ṬANṬA	90	5	20	03	2	7	Ci	16.2	30	13	35	
	360	SHEBÎN EL KÔM	200	5	20	01	1	3	As	15.6	30	1	16	
	354	ZAGAZIG	40	1	20	01	1	5	As	15.9	31	12	31	
	441	ISMA'ILÍA												
Cairo Area	366	CAIRO (A)	350	9	12	03	2	6	Ac,As	14.4	31	0	13	
	372	CAIRO ALMÂZA (A)	270	8	6	05	2	8	Cs	14.2	32	-3	10	
	374	CAIRO EZBEKÎYA												
	375	GIZA	00	0	6	02	1	6	Cs	14.4	32	7	21	
	378	HELWÂN	00	0	10	02	2	7	Cc	14.7	32	2	15	
Upper Egypt	381	FAYOÛM	20	4	20	02	2	7	St	14.4	31	7	22	
	387	MINYA (A)	180	7	10	02	2	6	Ci	13.2	34	-3	9	
	393	AṢYOÛṬ (A)	180	5	12	02	0	3	Ci	14.3	34	0	12	
	399	NAG' HAMÂDI	00	0	10	01	0	3	AC	13.5	34	6	18	
	402	QENA	00	0	20	02	1	1	Ci	13.1	35	11	23	
	405	LUXOR (A)	320	4	22	03	0	3	Cs	11.7	35	-2	9	
	414	ASWÂN	100	6	20	02	0	1	Ci	10.2	36	6	15	
Oases	417	SÎWA	180	14	14	02	2	6	Ac,As	12.6	32	-18	3	
	420	BAḤARÎYA	130	5	20	02	2	8	Ac	14.0	33	14	32	
	423	FARAFRA	00	0	20	02	1	6	Ac	15.2	29	-1	14	
	432	DAKHLA	200	3	22	03	2	7	Ci	13.6	34	-18	3	
	435	KHARGA	00	0	15	03	1	4	Ci	11.8	35	8	19	
Red Sea	450	SUEZ	160	2	50	03	0	6	Cu	14.7	30	1	16	
	459	TÔR												
	462	HURGHÂDA	40	6	22	03	0	4	Cs	14.9	28	7	27	
	465	QUSEIR	340	10	20	02	0	2	Cs	16.0	25	17	61	
	641	PORT SÛDÂN	40	8	20	02	0	1	Sc	12.7	27	0	17	
North Sudan	600	WÂDI ḤALFA	100	5	20	02	0	1	Ci	10.1	34	9	22	
	640	ABU ḤAMAD	70	5	24	02	0	1	Ci	6.9	36	7	17	
	660	KAREIMA	90	1	21	01	1	1	Ci	7.7	35	9	20	
	680	ʿATBARA	10	4	20	03	0	1	Ci	6.4	36	7	17	
	721	KHARṬOÛM	30	4	20	02	0	0	—	5.6	37	11	20	
	730	KASSALA	10	2	20	02	0	0	—	4.1	38	11	19	
Central Sudan	751	WÂD MEDANI	360	9	20	02	0	0	—	4.4	39	6	13	
	801	RENK	310	5	20	02	1	5	Ac	5.8	40	4	11	
	802	ROSEIRES	310	5	20	02	0	2	Ci	2.3	41	7	13	
	771	EL OBEID	230	3	20	02	0	2	Ci	4.7	37	3	12	
	760	EL FASHER	90	4	30	03	2	7	Cs	5.0	36	2	12	
	770	GENEINA	250	7	50	03	2	6	Ac,Cs	5.4	37	-9	5	
S. Sudan	840	MALAKÂL	160	2	20	03	2	5	Ac	6.3	37	11	20	
	880	WÂU	90	6	20	03	2	6	Cu	3.4	39	12	20	
	941	JUBA	90	7	24	02	2	7	Cu,Ac,Ci	4.4	37	11	20	

At 1800 on 19th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	10	02	2	7	Sc,Cu,Ac	10.9	19	14	24	+2	73	0
SÎDI BARRÂNI	120	16	10	01	2	6	Ac,As	11.3	16	12	21		77	0
MATRÛH (A)	40	1	10	02	2	8	Ac,As	13.0	15	14	20		94	0
EL DAB'AA				00	0	8	Ac	12.4	15	13	21		88	0
ALEXANDRIA	40	10	10	02	4	8	As	13.6	18	16	23	+1	88	0
ALEXANDRIA (A)	50	10	12	02	2	8	Ac,As	13.3	18	16	24	+4	88	0
DAMIETTA	70	2		02	2	7	Sc	14.4	18	15	20	0	83	0
PORT SA'ID (A)	100	12	15	02	2	5	As	13.9	18	14	20	0	78	0
EL 'ARISH														
DAMANHÛR	90	2		02	2	8	As	13.8	20	17	28	+5	83	0
MANŞÛRA	00	0		03	1	4	As	13.8	18	15	30	+6	83	0
ṬANṬA	90	6	20	03	2	8	Cs	14.3	19	16	30	+6	83	0
SHEBÎN EL KÔM	200	2	10	01	1	3	As	15.0	22	9	32		44	0
ZAGAZIG	00	0	10	02	0	0	—	14.6	23	15	32	+8	61	0
ISMA'ILÍA														
CAIRO (A)	60	2	12	02	2	6	Ci	13.0	25	3	32		24	0
CAIRO ALMÂZA (A)	210	3	15	01	2	6	Cs	13.1	26	5	35	+12	27	0
CAIRO EZBEKÎYA											30	+11		
GIZA	00	0	8	01	2	6	Cs	13.4	21	14	34	+9	65	0
HELWÂN	00	0	4	02	2	7	As,Cc	13.4	27	2	33	+8	20	0
FAYOÛM	360	4	20	01	1	4	St	12.8	23	13	34	+8	53	0
MINYA (A)	00	0	8	01	2	3	Ci	10.9	24	9	34	+9	38	0
AṢYOÛṬ (A)	00	0	12	01	1	3	Ci	12.5	26	8	35	+9	32	0
NAG' HAMÂDI	00	0		02	0	3	Ac	12.3	25	9	36	+9	36	0
QENA	00	0		00	0	0	—	12.6	26	7	36	+5	30	0
LUXOR (A)	00	0	12	02	0	3	Cs	11.4	29	2	36		18	0
ASWÂN	130	6	12	02	0	1	Ci	7.2	32	3	37	+6	16	0
SÎWA	140	8	14	02	2	5	Ac,As	10.4	25	-9	32	+6	10	0
BAḤARÎYA	00	0	10	02	2	8	Ac,As	12.7	26	10	34	+8	37	0
FARAFRA	140	1	12	03	2	7	Ac	13.0	24	-4	34		16	0
DAKHLA	350	3	7	01	2	5	Cs	13.2	26	4	34	+5	25	0
KHARGA	00	0	8	01	2	2	Ci	10.0	27	3	36	+7	22	0
SUEZ	00	0	10	01	0	5	Cu	14.7	24	6	32	+8	32	0
TÔR														
HURGHÂDA	40	2	20	00	0	2	Ci	14.1	21	14	26	+1	65	0
QUSEIR	60	2	20	02	0	2	Sc	12.2	25	23	28		89	0
PORT SÛDÂN														
WÂDI ḤALFA	30	9	20	02	0	0	—	8.4	29	6	37		23	0
ABU ḤAMAD	00	0	24	01	0	0	—	6.6	29	9	37		29	0
KAREIMA	30	2	21	01	0	0	—	7.5	29	4	37		20	0
ʿATBARA	00	0	20	02	0	1	Ci	6.4	29	8	37		27	0
KHARṬOÛM	360	6	20	02	0	0	—	5.6	32	10	39		26	0
KASSALA	340	2	20	01	2	3	Ci	5.3	30	9	39		28	0
WÂD MEDANI											40			
RENK											41			
ROSEIRES											42			0
EL OBEID	40	3	20	01	0	1	Ci	5.8	29	4	38		20	0
EL FASHER	90	6	30	02	2	7	Cs	5.2	31	5	37		19	0
GENEINA											38			0
MALAKÂL	230	8	20	02	0	3	Ac	6.5	30	17	39		46	0
WÂU	00	0	20	02	0	0	—	4.0	33	15	39		34	0
JUBA	20	4	20	01	1	1	Ci	5.0	29	17	39		49	0

At 0600 on WEDNESDAY 20th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	00	0	18	02	2	8	Sc,Ac	9.6	-6.4	21	8	16	+5	44	0	232	
SÎDI BARRÂNI	150	8	14	02	2	6	Ac,As,Ci	9.9		16	8	12		59	0	226	
MATRÛH (A)	100	9	14	03	2	8	Ac	10.1	-6.3	17	14	13		83	0	243	
EL DAB'AA			10	00	0	8	Ac	9.3		16	5	13		49	0	203	
ALEXANDRIA	90	2	4	05	4	8	Ac	10.8	-4.9	18	15	16	+3	83	0	275	177
ALEXANDRIA (A)	50	4	10	02	2	7	Ac,As	10.6	-5.8	16	15	15	+4	94	0	242	136
DAMIETTA	110	2		02	1	8	Sc	11.4	-4.2	18	16	15	+4	88	0	214	98
PORT SA'ID (A)	100	7	10	03	2	8	As	10.8	-5.5	18	16	16	+2	88	0		
EL 'ARISH																	
DAMANHÛR	60	2		02	2	8	Cu,Sc	11.5	-4.5	16	14	13	+3	88	0	138	90
MANŞÛRA	00	0		03	1	8	St	11.0	-4.9	18	15	15	+5	83	0	68	46
ṬANṬA	00	0	20	03	2	8	As	11.9	-4.5	17	15	14	+5	88	0	79	34
SHEBÎN EL KÔM	250	2	10	01	1	6	Sc	11.9	-4.1	19	13	16		68	0	68	
ZAGAZIG	00	0	3	10	1	0	—	11.9	-4.1	18	13	14	+5	73	0	53	24
ISMA'ILÍA																	
CAIRO (A)	180	8	12	02	2	8	Ac,Cs	10.8		25	-2	18		17	0	48	
CAIRO ALMÂZA (A)	130	8	7	02	2	8	Sc,Cu,As	10.9	-5.8	25	-2	19	+8	17	0	63	
CAIRO EZBEKÎYA										21	12	18	+7	57	0	43	21
GIZA	220	4	2	10	1	7	As	10.8	-5.6	19	10	14	+6	56	0	53	21
HELWÂN	90	3	10	02	2	8	Ac,As	11.1	-4.9	24	-5	19	+7	15	0	36	23
FAYOÛM	20	4	20	02	2	8	Ac,As	12.0	-4.2	20	12	18	+8	60	0	16	7
MINYA (A)	30	2	8	03	2	7	Cs	10.3	-7.0	19	9	18	+10	52	0	2	
AṢYOÛṬ (A)	140	4	14	03	0	8	Ac,As	11.7	-4.1	23	-7	18	+8	13	0	dr	
NAG' HAMÂDI	00	0		03	0	4	Ac,Cs	12.7	-2.6	22	11	17	+8	50	0	1	
QENA	00	0	10	03	1	4	Cs	12.6	-2.1	24	6	18	+6	32	0	dr	
LUXOR (A)	00	0	22	03	1	5	Cs	11.6	-3.4	23	4	16		29	0	0	
ASWÂN	00	0	10	03	2	7	Cs	11.1	-3.5	26	5	19	+4	27	0	8	
SÎWA	00	0	16	02	1	5	Ac,Ci	10.0	-7.6	17	2	14	+5	37	0	23	7
BAḤARÎYA	00	0	20	02	2	8	Ac,As	12.3	-4.4	21	8	20	+11	44	0	2	7
FARAFRA	00	0	13	03	1	7	Ac	12.5		20	-7	18		16	0	dr	
DAKHLA	00	0	12	03	2	8	Cs	13.4	-2.6	20	-6	17	+6	17	0	1	
KHARGA	00	0	9	01	2	6	As	10.6	-4.9	20	11	16	+4	56	0	3	
SUEZ	00	0	20	00	0	6	Cu	11.8	-4.1	21	12	16	+4	57	0	35	14
TÔR																	12
HURGHÂDA	280	1	22	02	2	8	Ac	12.2	-3.1	22	2	14	+2	16	0	dr	
QUSEIR	270	7	20	02	0	6	As,Cs	12.4	-1.5	27	-8	19	+2	9	0	dr	4
PORT SÛDÂN	00	0	16	05	0	5	Sc,Ac	11.7		27	22	21		74	0		
WÂDI ḤALFA	00	0	20	03	0	1	Ac	11.4		22	2	17		27	0		
ABU ḤAMAD	00	0	22	02	0	0	—	9.6		26	15	20		51	0		
KAREIMA	110	1	21	03	0	1	Ci	9.0		25	9	19		36	0		
ʿATBARA	120	6	20	01	1	1	Ci	8.3		27	15	21		48	0		
KHARṬOÛM	10	6	18	05	1	5	Ci	8.3		27	6	21		27	0		
KASSALA	100	4	20	03	0	3	Ci	7.1		32	13	23		32	0		
WÂD MEDANI	50	9	20	02	1	2	Ci	8.4		27	9			33	0		
RENK	180	2	20	02	0	2	Ac	11.5		30	18	22		49	0		
ROSEIRES	230	2	20	02	2	4	Sc	8.4		28	13	24		40	0		
EL OBEID	20	4	18	05	1	6	Cs	7.5		28	-6	19		10	0		
EL FASHER	130	6	30	02	2	7	Ac,Cs	11.1		22	1			25	0		
GENEINA	40	2	20	01	1	1	Ac,Cs	13.7		19	-9	15		15	0		
MALAKÂL	130	8	20	01	2	6	Ac	9.8		27	16	23		52	0		
WÂU	00	0	20	02	8	6	Ac,As	7.1		28	18	25		55	0		
JUBA	180	2	24	03	0	2	Ac,Ci	9.0		29	16	20		46	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Alex.(A)		P.Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3		20-3	
TIME	14		14		14		14		14		17		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	230	20	220	27	300	17	210	16	240	7	140	3	330	6	320	4	260	23	300	16	300	4
600 m.	200	10	220	37	280	8	200	13	220	9			340	6	290	4	260	16	310	20	270	9
1000 m	230	13	220	31	230	5	200	13	230	9	140	2	310	4	280	4	200	12	300	22	260	10
1500 m.	220	14	140	9	280	5	200	10	240	16	220	2	330	3	280	4	210	16	300	26	270	12
2100 m.					240	7	190	8	240	12					290	4			290	30	280	16
2400 m					200	10	210	10	240	15			10		300	5			290	23	290	20
3000 m.					200	11	210	11	250	15			140	2	240	4			270	20	280	20
4000 m					230	20			240	24			350	6	230	10						
5000 m															250	24						
6000 m															240	34						

STATION	Kharga		Hurghada				S.Barrani		P.Said		Cairo (A)		Luxor		Siwa		Hurghada				Hurghada	
DATE	20-3		20-3				21-3		21-3		21-3		21-3		21-3		21-3				21-3	
TIME	14		14				3		2		2		2		2		2				8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	3	110	9			280	5	60	13	100	10	270	2	260	7	270	1			330	9
600 m	270	5	150	11			280	5	340	2	10	5	270	3	270	12	210	10			330	4
1000 m	250	4	130	9			250	17	250	8	220	5	170	8	270	11	180	12			260	8
1500 m.	350	9	120	3			280	17	300	3	220	15	210	11	270	23	170	15			160	14
2100 m.	300	15	270	8			270	26	310	14	180	21	240	23	270	30	200	16			240	9
2400 m	300	17	290	3			240	19			250	13	220	31	270	24	190	18			230	13
3000 m.	280	18	250	17			220	33			240	3	240	30			190	10			220	20
4000 m.	270	19									260	10									220	24
5000 m	220	36																				
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla		Kharga	
DATE	21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	340	5	200	5	330	9	330	19	320	12	320	8	300	4	150	12	330	6	360	33	350	16
600 m.	260	4	220	6	10	6	240	16	330	17	320	8	300	12	190	14	320	7	340	35	350	16
1000 m.	240	16	260	8	30	7	330	17	330	11	300	8	280	12	220	12	320	11	240	48	360	14
1500 m.	220	16	250	26			310	28	360	9	230	17	250	8	280	23	320	19	330	48	110	3
2100 m	200	21									240	23	200	12	230	26	300	23			240	16
2400 m.	190	21									240	25	210	9	230	46	250	33			230	17
3000 m.	190	25											220	14	240	42	260	23			240	16
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE (RADIOW...)

STATION											Aswan									
DATE											20-3									
TIME											14									
	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface											111	30		00	0					
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.											1572	21		280	4					
800 mb.																				
700 mb.											3211	10		240	4					
600 mb.																				
500 mb.											5924	-10		240	30					
400 mb.											7994	-23		260	47					
300 mb.											9654	-36								
200 mb.											12360	-54								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 21st MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m	
12	Continuous on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slow and gradual fall in temperature this evening. Variable amounts of medium and high clouds over Lower Egypt and Cairo. Chance for light rain specially in the north to the west. Moderate SW'ly winds. In Upper Egypt: Patches of high cloud. Variable winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [illegible] Sunrise 03 58 [illegible]
Sunset 16 07 [illegible]

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 20th												At 1800 on 20th											
Wind		Visibility in Km. (or m.)	Present Weather	Past Weather	Cloud		Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Wind		Visibility in Km. (or m.)	Present Weather	Past Weather	Cloud		Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain Past 12 hrs. mms.
Direction Use	Velocity in Knots		ww	W	Amount 0-8	Forms				Direction Use	Velocity in Knots		ww	W	Amount 0-8	Forms					
90	7	18	02	6	1		6.5	28	8	29	120	12	10	02	0	0	—	8.1	20	12	31	+9	60	dr
90	13	16	02	5	3	Ac, As	6.9	23	12	50	310	11	14	02	0	0	—	8.6	17	14	30		83	dr
80	9	15	01	2	7	Ac, As	9.2	24	9	38	160	11	14	01	0	1	Sc	8.5	22	6	30		36	0
		20	00	0	8	Ac	8.9	26	16	55				00	0	0		9.4	17	7	30		52	0
00	0	4	02	4	7	Ac	9.9	27	13	42	130	10	20	01	6	6	Cu, Sc	10.2	21	14	32	+10	65	0.1
240	6	10	02	2	7	Ac, As	9.2	25	12	45	180	15	8	01	2	8	As	9.8	20	14	32	+12	69	1
200	2	10	02	2	7	Sc	10.1	27	18	52	200	2		02	2	1	Sc	10.6	21	18	27	+7	83	0
250	6	15	02	2	8	Ac, As	10.1	26	12	42	100	1	10	02	2	8	Cb, As	9.7	20	16	27	+7	78	0
90	2	10	01	2	6	As	12.2	26	16	55	90	2		02	1	6	As	10.6	19	16	31	+7	83	0
140	5		03	2	8	Ac	9.9	29	9	29	00	0		03	2	8	Ac	9.6	24					0
130	5	20	03	2	8	As	10.6	28	7	27	40	4	20	03	2	8	As	10.3	21	16	29	+4	74	0
200	5	20	01	1	6	Sc	10.2	26	10	37	220	2	10	01	1	4	Sc	9.6	20	3	28		33	0
220	1	20	03	1	8	Cu	10.6	27	16	52	220	1	10	03	1	8	Cu	9.6	24	19	28	+3	74	0
150	2	6	02	4	8	Ac	10.3	28	4	22	210	12	8	02	2	8	Ac	9.3	26	-3	30	-15	15	0
110	4	5	05	5	8	As	10.1	27	11	37	170	11	6	02	2	8	As	9.7	26	-1	30	+7	17	dr
																					30	+5		
160	9	8	02	6	8	Ac, Cs	10.6	27	9	33	360	9	8	02	2	7	Ac	10.2	26	4	28	+3	25	0
00	0	4	02	2	8	Ac, As	9.8	29	3	19	00	0	4	02	5	8	Ac, As	10.3	25	2	29	+4	22	dr
20	4	20	02	2	8	Ac, As	9.8	28	12	31	200	4	20	02	0	8	Ac	10.2	23	12	28	+2	50	0
150	1	8	02	2	8	Ac, As	8.0	28	10	33	350	2	6	01	2	2	Ac	9.7	22	11	30	+5	50	0
60	4	10	02	2	8	Ac, As	9.3	30	7	24	160	4	8	01	2	6	Ci	9.2	25	9	31	+5	36	0
00	0		03	2	8	As	9.9	30	11	31	00	0		01	0	2	Ac	9.6	25	11	32	+5	42	0
00	0	20	02	1	0	—	10.6	32	6	20	00	0		00	0	0	—	9.6	25	13	34	+2	48	0
230	5	22	02	2	6	Cs	8.5	36	2	12	330	6	22	02	0	4	Cs	8.5	27	7	36		28	0
250	6	12	01	2	5	Cs	7.9	35	6	16	330	2	10	02	0	0	—	7.8	28	1	37	+5	18	0
280	15	12	02	6	4	Ac, Ci	10.2	27	11	31	270	8	12	02	0	0	—	10.9	20	5	28	+2	38	0
220	11	10	02	2	8	Ac, As	9.4	32	10	38	00	0	10	01	5	4	Ac, As	9.6	21	14	33	+7	65	0
											360	1	12	01	2	4	Ci	11.5	24	6	33		32	0
350	3	15	02	2	8	Cs	11.2	32	-9	7	350	10	5	02	2	8	Cs	11.2	28	-3	32	+3	13	0
00	0	15	03	2	7	As	8.2	33	11	26	00	0	7	02	2	8	Cu	8.2	24	11	33	+4	45	0
160	2	50	02	0	6	Cu	10.8	25	2	22	00	0	10	02	0	6	Cu	10.3	25	5	28	+3	28	0
70	9	22	02	2	8	As	10.1	27	10	35	160	7	10	01	2	5	Ac	10.0	24	15	29	+7	57	0
30	8	20	03	2	7	St, As, Cs	10.8	26	16	55	00	0	20	02	0	6		10.8	24	12	32	+7	47	0
60	9	18	05	2	6	Sc	10.8	27	24	84	00	0	20	01	0	0	—	10.7	26	23	29		84	0
330	3	20	03	1	6	Cs	7.6	35	7	18	360	5	20	01	1	1	Cu	7.1	30	4	37		19	0
50	5	22	02	0	0	—	4.8	37	10	19	360	2	22	02	0	0	—	5.0	33	7	38		20	0
00	0	21	01	0	0	—	4.9	37	8	17	50	3	21	02	0	0	—	4.5	33		40			0
340	5	20	02	0	1	Ci	4.0	38	7	15											39			0
290	6	20	01	1	2	Ci	3.2	39	8	15											41			0
340	2	20	02	2	7	Cs	1.8	40	9	15											41			0
130	5	10	02	0	2	Ci	3.2	36	2	12											41			
230	2	10	02	0	5	Ac	5.1	41	10	16														
230	5	20	01	2	4	Cu	2.4	41	7	13											42			
90	7	20	01	1	3	Ci	2.7	37	4	13	00	0	20	03	1	4	Cu, Ac, Ci	3.8	31	5	38		19	0
150	5	30	01	2	5	Ac, Ci	4.0	37	9	18											38			0
90	6	50	03	2	6	Ac, As	6.0	32	-13	5	60	3	50	01	2	7	Ac, Ci	8.3	30	1	36		16	0
100	8	20	03	2	7	Cu, Cs	4.1	39	13	21	00	0	20	03	0			3.5	33	10	40		34	0
160	6	20	02	2	7	Cu, Ac, Cs	3.3	37	13	24	00	0	20	01	2	7	Cs	11.7	34	16	39			0
40	6	34	02	1	5	Cu, Ci	2.4	29	12	35	00	0	24	03	1	3	Cb, Ac	2.8	32	17	40		41	0

* 9 = Sky obscured by fog etc.

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL DAB'AA
	317	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANŞÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLIA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sûdân	840	MALAKÂL
	880	WÂU
	941	JUBA

Retards — Date

(A) AERODROME

At 0600 on THURSDAY 21st MARCH, 1957

Station	Wind Direction Use	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	00	0	18	03	0	8	Cs	10.0	5.9	16	9	13	+2	64	dr	232	
SÎDI BARRÂNI	230	10	16	02	0	2	Ci	9.5		14	7	10		63	dr	226	
MATRÛH (A)	220	9	16	02	0	0	—	10.4	-5.9	16	9	11		64	dr	243	
EL DAB'AA			10	00	0	3	Ci	9.6		16	9	11		64	0	203	
ALEXANDRIA	310	6	20	01	1	1	Cs	10.7	-5.0	18	15	16	+3	83	0.1	275	178
ALEXANDRIA (A)	300	8	12	02	0	3	Ac	10.2	-6.2	19	16	15	+4	83	1	243	136
DAMIETTA	110	2		03	1	5	Cu	10.0	-5.6	23	15	16	+5	61	0	214	98
PORT SA'ÎD (A)	100	7	12	02	1	3	Ac	9.4	-6.8	23	13	18	+4	53	0.1		
EL 'ARISH																	
DAMANHÛR	270	5		01	1	5	Ns	10.7	-5.3	18	15	14	+4	83	0	138	90
MANŞÛRA	90	3		01	1	4	As	10.7	-5.1	22	11	13	+3	50	0	68	46
ṬANṬA	00	0	20	03	2	7	As	10.8	-5.6	20	13	15	+6	64	0	79	34
SHEBÎN EL KÔM	70	2	10	01	1	3	Cu	10.7	-5.2	20	3	17		33	0	58	
ZAGAZIG	220	1	10	03	1	3	As	10.2	-5.7	19	14	17	+8	73	0	53	24
ISMA'ÎLIA																	
CAIRO (A)	310	6	3	05	2	7	Ac, As	10.5		21	11	18		53	0	48	
CAIRO ALMÂZA (A)	260	7	12	03	2	8	Sc, Cu	11.0	-5.6	22	9	19	+8	44	dr	53	
CAIRO EZBEKÎYA										21	12	19	+8	37	0	43	21
GIZA	00	0	8	03	—	7	Ac	10.7	-5.7	21	11	16	+8	53	0	53	21
ḤELWÂN	00	0	10	02	2	8	Ac, As	10.7	-5.2	21	10	18	+6	50	dr	36	23
FAYOÛM	00	0	20	02	2	8	Ac, As	11.0	-5.2	20	13	17	+7	64	0	16	7
MINYA (A)	340	8	8	01	2	4	Ac, As	10.0	-7.2	22	9	15	+7	44	0	2	
AṢYOÛṬ (A)	270	8	12	02	2	7	Ac, As	11.2	-4.6	21	2	18	+8	29	0	dr	
NAG' HAMÂDI	00	0		02	0	3	Ac	10.7	-4.5	19	6	13	+4	43	0	1	
QENA	00	0	10	03	1	8	Cs	10.2	-4.4	22	11	19	+7	50	0	dr	
LUXOR (A)	00	0	22	02	2	8	Cs	9.2	-5.7	22	9	20		44	0	0	
ASWÂN	00	0	12	03	2	8	Ac, Cs	8.8	-5.7	24	6	15	0	32	0	8	
SÎWA	80	1	14	02	0	0	—	10.8	-6.7	13	3	9	0	51	0	23	7
BAHARÎYA	340	5	20	03	9	3	Ci	12.4	-4.2	19	11	16	+7	60	dr	2	7
FARAFRA	00	0	15	03	0	1	Ci	14.0		20	7			43	0	dr	
DAKHLA	340	12	13	02	1	0		12.8	-3.1	22	-1	18	+7	21	0	1	
KHARGA	00	0	8	01	2	8	Sc, Cu	9.0	-6.4	22	8	19	+7	41	0	3	
SUEZ	00	0	20	00	0	6	Cu	9.5	-6.3	24	6	18	+5	32	0	35	14
TÔR																	13
HURGHÂDA	310	9	20	02	2	8	Cs	9.2	-6.0	23	16	20	+7	65	0	dr	
QUSEIR	00	0	20	02	0	8	St, As, Cs	9.1	-4.7	24	0	21	+4	21	0	dr	4
PORT SÛDÂN	310	1	20	02	3	8	Sc	9.7		25	22	19		84	0		
WÂDI ḤALFA	00	0	20	03	2	7	Ac	9.9		24	3	20		26	0		
ABU ḤAMAD	20	5	22	03	0	3	Ac	7.1		27	7	24		28	0		
KAREIMA	00	0	21	01	2	5	Ac	7.6		28	7	24		27	0		
ATBARA	60	3	20	02	0	0	—	6.2		27	14	22		45	0		
KHARTOÛM	330	5	7	05	1	1	Ac	6.4		26	8	22		32	0		
KASSALA	70	3	20	01	1	3	Ac, Ci	5.1		30	16	22		43	0		
WÂD MEDANI	360	9	20	02	0	0	—	5.5		27	7	19		28	0		
RENK																	
ROSEIRES	230	5	20	02	2	5	Ac	5.9		29	15	25		43	0		
EL OBEID	350	6	15	05	2	7	Ac, As	6.6		26	0	20		18	0		
EL FASHER	00	0	20	03	1	7	Ac, As	10.4		22	2	21		27	0		
GENEINA	50	11	50	01	2	7	Ac, Cs	11.3		24	-16	17		6	0		
MALAKÂL	210	10	20	02	2	7	Ac, As	7.5		30	16	26		43	0		
WÂU	00	0	20	03	2	7	Ac, Cs	7.2		27	15	25		48	0		
JUBA	00	0	24	02	2	7	Ac, Cs	7.1		29	17	24		49	0		

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3		21-3	
TIME	14		14		14		15		14		14		14		5		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED		SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	50	10	310	14	250	16	320	6	20	7	330	7	200	4	260	11	240	13	310	10	290	6
600 m			300	8	260	17	290	6	10	5	330	7	330	4	200	11	240	23	310	10	260	11
1000 m			260	10	260	16	250	6	300	8	340	10	320	4	250	14	230	23	280	9	260	10
1500 m	170	12			220	9	190	8	300	9	310	7	300	4	230	14	230	14	250	10	240	13
2100 m	210	21			190	5	180	11	240	16			250	1	230	23	220	23	210	5	260	12
2400 m	220	21			160	7	190	15	250	23			260	14	220	14			240	12	250	15
3000 m	210	22			80	5	200	23	220	23			200	13	240	24			240	20	240	28
4000 m	200	32					220	26											240	40		
5000 m	200	26																				
6000 m	200	49																				

STATION	Dakhla		Kharga		Harghada				P.Said		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga	
DATE	21-3		21-3		21-3				22-3		22-3		22-3		22-3		22-3		22-3		22-3	
TIME	14		14		14				2		2		2		2		2		4		3	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	330	14	10	12	80	12			350	17	10	4	10	8	360	4	360	11	340	5	10	12
600 m	340	12	10	9	60	12			20	5	340	5	340	9	30	6	10	21	310	18	20	11
1000 m	330	17	20	5	60	7			80	5	340	6	340	5	350	12	360	17	310	21	350	9
1500 m	80	4	290	6	40	6			180	17	330	13	300	4	290	10	250	9	330	29	280	4
2100 m	10	10	280	12	220	10					310	15			300	13	250	10	10	19	310	9
2400 m	310	2	280	22											300	15	240	11			300	13
3000 m			260	33																		
4000 m																						
5000 m																						
6000 m																						

STATION	Alex.(A)		P.Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga		Harghada	
DATE	22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	180	2	50	7	40	3	200	10	230	5	20	19	40	5	250	10	270	4	30	7	270	3
600 m	130	14	300	3	100	5	220	15	210	3	20	20	50	7	250	8	360	2	30	8	290	6
1000 m	160	16			150	9	230	20	210	6	30	20	20	8	250	11	220	10	40	6	310	5
1500 m	180	20	230	15	220	17	270	29	210	14	20	15	70	1	230	15			290	3	260	12
2100 m	220	23	240	16					220	20	300	8	220	6	230	17			280	4	250	10
2400 m			250	23							290	10			240	31					240	13
3000 m			240	18							280	11			220	31					240	24
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADAR

STATION	Cairo (A)					Matruh					Aswan							
DATE	21-3					21-3					21-3							
TIME	15					14					14							
	ALT m	TEMP °c	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °c.	HUM %	WIND DIR	WIND SPEED	ALT	TEMP	HUM	WIND DIR	WIND SPEED	ALT m.	TEMP °c.	HUM %	WIND DIR	WIND SPEED
Surface	70	27				25	20				111	39		300	9					
1000 mb	88	27		300	9	90	19		50	10										
950 mb																				
900 mb																				
850 mb	1488	15		190	8	1469	10		160	6	1520	19		230	17					
800 mb																				
700 mb	3093	2		200	23	3042	-4		210	13	3152	5		240	24					
600 mb																				
500 mb	5719	-16				5621	-20		200	35	5792	-14								
400 mb	7356	-29				7242	-33		200	47	7447	-24								
300 mb	9351	-42				9205	-47		220	64	9433	-38								
200 mb						11900	-46		230	57	12210	-54								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – MET[illegible] DEPT – CAIRO

DATE FRIDAY 22nd MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " , depositing rime, sky discernible
49 " , " " " not "

50 Drizzle, not freezing, intermittent
51 " " continuous
(50–51: slight)
52 " " intermittent
53 " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " "
(70–71: slight)
72 Intermittent "
73 Continuous "
(72–73: moderate)
74 Intermittent "
75 Continuous " "
(74–75: heavy)
76 Ice needles
77 Granular snow with or without fog
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower(s) slight
81 " moderate or heavy
82 " violent
83 Shower(s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower(s) slight
86 " moderate or heavy
87 Shower(s) of snow pellets or small hail, slight
88 " or rain and snow mixed, moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, slight
90 " " " " " moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: thunderstorm during preceding hour * not at time of observation)
95 Thunderstorm, slight, without precipitation
96 " " with rain
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp remains above normal all over the Republic. Light/mod. winds between S½E & E½. Medium & high clouds increasing occasionally on the coast in the extreme west where min is likely to fall. In Upper Egypt: light variable winds. Some high clouds. Weather continues unsettled generally.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 03 31 U.T. / Sunset 16 26 U.T.)

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 21th.

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km (or m)	Present weather ww	Past weather W	Cloud Amount 0-8	Cloud Forms	Bar. pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
SALLOUM	[illegible]	12	20	01	1	3	Sc, Ci	8.1	21	6	38
SIDI BARRANI	[illegible]	12	20	02	1	4	Ci	8.7	18	13	73
MATRUH (A)	[illegible]	10	16	02	0	0	—	11.1	21	12	57
EL DABAA			20	00	0	0	—	9.9	21	11	53
ALEXANDRIA	[illegible]	10	20	03	6	5	Cb	10.8	21	14	65
ALEXANDRIA (A)	[illegible]	13	12	02	6	5	Ac	10.6	23	16	65
DAMIETTA	[illegible]	2	20	01	1	3	Ac	10.3	27	13	42
PORT SAID (A)	[illegible]	10	22	01	1	4	Cu, As, Ci	9.6	23	15	61
EL ARISH											
DAMANHUR	[illegible]	2	20	01	1	1	Cu	10.3	26	12	42
MANSURA	[illegible]	0	10	50	1	7	As, Cs	10.0	27	12	40
TANTA	[illegible]	6	20	01	1	2	Cu	9.9	26	14	48
SHEBIN EL KÔM	[illegible]	5	20	01	1	2	Cu	9.8	26	10	37
ZAGAZIG	[illegible]	1	20	03	1	7	Cu	9.6	24	18	69
ISMAILIA											
CAIRO (A)	[illegible]	6	20	02	1	4	Ac	8.9	28	7	27
CAIRO ALMÂZA (A)	[illegible]	6	20	01	6	4	Sc, Ac, Cs	9.3	28	9	31
CAIRO EZBEKÎYA											
GIZA											
HELWÂN	[illegible]	4	10	02	3	3	Ac	9.0	28	6	25
FAYOÛM	[illegible]	0	20	02	1	8	Ac	9.6	29	13	37
MINYA (A)	[illegible]	9	12	01	1	0	—	8.0	30	5	21
ASYOÛT (A)	[illegible]	11	15	01	1	0	—	9.2	29	6	22
NAG HAMÂDI	[illegible]	0	10	03	2	8	As	9.0	31	10	28
QENA	[illegible]	0	20	02	1	4	Ci	10.3	30	11	31
LUXOR (A)	[illegible]	0	22	02	2	8	Cs	7.4	34	8	20
ASWÂN	[illegible]	12	10	02	2	8	Cs	6.8	35	0	11
SÎWA	[illegible]	20	14	08	2	8	Ns, As	8.2	27	-3	14
BAHARÎYA	[illegible]	5	20	01	1	0	—	10.5	28	15	45
FARAFRA	[illegible]	0	20	02	0	0	—	11.2	28	1	18
DAKHLA	[illegible]	7	15	02	0	0	—	10.6	20	1	28
KHARGA	[illegible]	5	12	01	2	1	Ci	7.6	32	0	13
SUEZ	[illegible]	2	50	01	0	4	Cu	8.7	29	9	29
TÔR											
HURGHÂDA	[illegible]	2	22	02	2	7	Sc, As, Ci	9.1	28	10	33
QUSEIR	[illegible]	13	20	02	0	6	Sc, Ac, Cs	8.9	25	20	74
PORT SÛDÂN	[illegible]	7	20	02	0	1	Sc	7.1	29	23	70
WÂDI HALFA	[illegible]	12	20	02	2	7	Ac	7.1	35	0	11
ABU HAMAD	[illegible]	5	22	03	1	7	Ac	4.0	37	10	28
KAREIMA											
ATBARA	[illegible]	9	20	02	2	6	Ac	2.3	38	9	17
KHARTOÛM	[illegible]	4	20	02	0	5	Ac, Ci	0.9	39	9	16
KASSALA											
WÂD MEDANI	[illegible]	5	20	02	0	1	Cu	0.0	41	7	13
RENK											
ROSEIRES											
EL OBEID											
EL FASHER											
GENEINA	[illegible]	3	20	03	2	6	Ac, Cs	2.0	36	6	15
MALAKAL											
WÂU											
JUBA	[illegible]	3	[illegible]	02	1	6	Ac, Ci	1.2	38	12	21

At 1800 on 21th.

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km (or m)	Present weather ww	Past weather W	Cloud Amount	Cloud Forms	Bar. pressure M.S.L.	Dry Bulb	Dew Point	Maximum Today	Maximum Dep. from normal	Relative Humidity %	Rain past 12 hrs mms
MEDITERRANEAN	62300	SALLOÛM	70	12	14	01	2	5	Sc	7.6	18	13	21	-1	73	0
	303	SIDI BARRANI	80	22	10	01	5	6	Sc	7.6	16	12	23		72	dr
	306	MATRÛH (A)	290	2	10	50	5	7	Cu, Sc	8.0	17	15	25		88	dr
	309	EL DABAA			4	00	0	0		8.2	16	14	23		88	0
	319	ALEXANDRIA	40	10	20	01	1	0	—	10.8	17	15	22	0	88	0.1
	318	ALEXANDRIA (A)	10	8	12	02	0	3	Sc	10.4	17	15	24	+3	88	0.4
	330	DAMIETTA	320	6		01	1	2		13.7	18	16	27	+7	88	0
	333	PORT SAÎD (A)	20	8	15	01	6	1	Cu	9.9	20	15	27	-3	73	0.1
	336	EL ARISH														
LOWER EGYPT	339	DAMANHÛR	110	2	10	01	6	1	Cu	10.6	16	12	[illegible]	+3	77	dr
	342	MANSÛRA	40	3		01	1	5	Ac, Cs	10.2	18	15	28	+4	83	dr
	348	TANTA	330	7	20	02	0	0		10.6	18	18	21	+4	73	0
	360	SHEBIN EL KÔM	320	2	10	01	1	1	Sc	7.7	20	13	28		04	0
	354	ZAGAZIG	00	0	10	02	0	0	—	9.4	22	17	29	+4	74	0
	441	ISMAILIA														
CAIRO AREA	366	CAIRO (A)	40	12	10	01	1	0	—	9.7	22	16	29		61	0
	372	CAIRO ALMÂZA (A)	40	10	15	01	0	0	—	9.6	22	15	30	+6	65	0
	374	CAIRO EZBEKÎYA											30	+5	57	0
	375	GIZA														
	378	HELWÂN	340	5	4	01	1	0	—	9.0	24	12	28	+3	4[illegible]	dr
UPPER EGYPT	381	FAYOÛM	00	0	20	01	0	0	—	8.4	22	12	31	+5	53	0
	387	MINYA (A)	00	0	8	02	0	0	—	7.2	22	9	31	+5	44	0
	393	ASYOÛT (A)	00	0	10	02	0	0	—	10.0	23	5	31	+5	28	0
	399	NAG HAMÂDI	00	0	4	01	0	2	Ac	9.5	22	-1	32	+5	21	0
	402	QENA	290	2		00	0	0	—	8.7	24	6	33	+1	32	0
	405	LUXOR (A)	00	0	12	01	0	0	—	7.8	25	9	34		36	0
	414	ASWÂN	300	7	10	02	0	3	As	7.6	30	-2	39	+7	12	0
OASES	417	SÎWA	280	8	13	01	2	1	Ac	8.1	20	4	29	+3	35	0
	420	BAHARÎYA	00	0	10	02	0	0	—	10.1	22	11	30	+4	50	0
	423	FARAFRA	00	0	12	02	0	0	—	10.5	22	-1	30		21	0
	432	DAKHLA	290	4	8	02	4	0	—	11.2	20	0	31	+2	26	0
	435	KHARGA	00	0	9	02	0	0	—	7.7	22	9	33	+3	44	0
RED SEA	450	SUEZ	330	3	10	01	0	3	Cu	9.1	24	12	32	+7	47	0
	459	TÔR														
	462	HURGHÂDA	10	10	12	01	0	0	—	8.8	23	17	29	+6	69	0
	465	QUSEIR	00	0	20	02	0	0	—	9.8	22	19	27	+2	83	0
	641	PORT SÛDÂN	00	0	20	02	0	2	Sc	8.1	26	23	30		84	0
NORTH SUDAN	600	WÂDI HALFA	00	0	20	01	2	2	Ac	7.1	30	6	37		22	0
	640	ABU HAMAD	360	9	22	21	6	7	Ac	5.0	32	1	38		14	dr
	660	KAREIMA														
	680	ATBARA	10	9	20	01	2	0	—	3.7	32	11	39		28	0
	721	KHARTOÛM	340	7	20	03	1	4	Ac	2.3	34	8	41		20	0
	730	KASSALA	10	2	20	01	1	0	—	2.6	30	11	40		31	0
CENTRAL SUDAN	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	00	0	20	01	2	3	Ac, Ci	4.1	31	6	38		21	0
	760	EL FASHER	360	12	30	02	2	7	Ac, Cs	4.1	31	5	37		19	0
	770	GENEINA	20	8	24	01	2	3	Ac, Ci	5.3	30	-5	36		10	0
S. SÛDÂN	840	MALAKAL	260	5	20	17	9	7	Ac, Ci	5.2	29	17	39		49	dr
	880	WÂU	150	3	20	13	2	7	Cb, Ac	3.7	28	17	28		52	0
	941	JUBA	00	0	20	04	2	7	Ac, Cs	2.0	31	17	39		43	0

RETARDS — DATE

At 0600 FRIDAY 22th, March 1957

Station	Wind Direction Deg.	Wind Velocity					Forms						Dep.	Rel. Hum.			
SALLOÛM	00	0	[illegible]	[illegible]			Cu, Sc, As		-7.1				+4	77	[illegible]		
SIDI BARRANI	10	15	[illegible]	[illegible]			Sc							97	1		
MATRÛH (A)	120	8	14	[illegible]			Sc		-.8					94	dr		
EL DABAA																	
ALEXANDRIA	130	0			4				[illegible]				+2	77	0.1	2.[illegible]	
ALEXANDRIA (A)	130	[illegible]			4		Sc	4.[illegible]	[illegible]				+1	94	0.4	213	
DAMIETTA	140	2	10	0[illegible]	0	0	—	[illegible].4	-5				+4	73	0	214	
PORT SAÎD (A)	100	3	10	[illegible]	0	0	—	9.3	-6				+3	78	0.1		
EL ARISH																	
DAMANHÛR	130	2	[illegible]										+2	83	dr	138	91
MANSÛRA	00	[illegible]							-5.5				+5	73	dr	68	46
TANTA	130	7	20	02	0	0	—		-5.2				+3	73	0	79	34
SHEBIN EL KÔM	200	2	10	02	0	0	—	10.8	-5.1					60	0	58	
ZAGAZIG	140	1	10	02	0	0	—	[illegible].5	-5.2				+4	83	0	53	24
ISMAILIA																	
CAIRO (A)	130	10	[illegible]											50	0	48	
CAIRO ALMÂZA (A)	50	[illegible]		[illegible]					-6.6				+5	50	dr	53	
CAIRO EZBEKÎYA													+4	56	0	43	21
GIZA																53	21
HELWÂN	00	0	10	02	0	0		7.0	-6.5				+3	73	dr	36	23
FAYOÛM	360	4	[illegible]			0	—	[illegible].6	-6.5				+3	78	0	16	7
MINYA (A)	190	0	[illegible]			0	—	8.2	-9.0				+2	64	0	2	
ASYOÛT (A)	00	0	12	[illegible]		0	—	10.9	-4.8				+7	33	0	dr	
NAG HAMÂDI					5	4	Ac, Cs	[illegible].3	-4.3				+5	64	0	1	
QENA	00	[illegible]				0	—	10.2	-3.7				+2	45	0	dr	
LUXOR (A)	00	0	22	[illegible]			—		-5.2					44	0	0	
ASWÂN	00	0	12	0[illegible]	0	1	Ac	9.2	-5.2		8		+1	41	0	8	
SÎWA	280	18	13	03	1	7	Ac	9.[illegible]	-7.5				+3	68	0	23	7
BAHARÎYA	220	2	20	02	0	0	—	10.5	-6.1		8		+1	56	0	2	7
FARAFRA	290	2	15	02	0	0	—	12.9						32	0	dr	
DAKHLA	270	12	0	02	0	0	—	13.2	-2.7		-2	14	+3	26	0	1	
KHARGA	00	0	9	02	0	0	—	8.6	-6.7		10	13	+1	41	0	3	
SUEZ	00	0	20	00	0	0	—	10.4	-5.4		11	13	0	42	0	35	14
TÔR																	
HURGHÂDA	280	5	22	03	0	1	Ci	9.2	-6.0	25	9	13	0	36	0	dr	
QUSEIR	00	0	20	02	0	1	Ci	9.9	-3.9	25	12	17	0	84	0	dr	4
PORT SÛDÂN																	
WÂDI HALFA	20	10	20	02	1	3	Ac	9.0		[illegible]	3	[illegible]		27	0		
ABU HAMAD	70	2	22	[illegible]	2	7	Ci	7.7		[illegible]	7	21		34	dr		
KAREIMA	100	1	21	[illegible]	2	7	Ac	7.4		[illegible]	4	24		23	dr		
ATBARA	80	4	20	[illegible]	2	8	Cb				3			[illegible]	0		
KHARTOÛM	50	3	16	05	2	7	Ac	5.4		25	8	17		38	0		
KASSALA	20	6	20	05	1	2	Ac	5.4		30	19	22		32	0		
WÂD MEDANI	50	9	[illegible]	02	2	8	Ac	6.0		30	6	21		22	0		
RENK																	
ROSEIRES	230	2	20	02	0	1	Ac	5.8		30	16	24		43	0		
EL OBEID	00	0	10	05	2	5	Ac, Ci	7.8		25	4			26	0		
EL FASHER																	
GENEINA	40	2	50	02	2	7	Ac, Cs	11.2		25	-7	17		13	0		
MALAKAL	310	8	20	7	2	7	Cb, Ac	8.[illegible]		[illegible]	18	18		58	dr		
WÂU	00	0	[illegible]	[illegible]	[illegible]	7	Ac	6.5		[illegible]				55	0		
JUBA	180	2	[illegible]	02	[illegible]	6	Ac, Cs	7.2		[illegible]	20			59	0		

* Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3		22-3	
TIME	14		14		14		14		14		14		15		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	130	4	320	12	10	3	250	15	270	9	310	11	280	8	300	16	260	29	270	16	290	31
600 m.	180	5	270	9	220	8	250	16	280	16	300	15	290	10	300	14	260	46	280	18	290	35
1000 m.	180	6	220	10	220	9	260	16	280	16	300	22	290	13	300	14	260	26	280	24	280	25
1500 m.	170	6	190	14	220	12			280	17	260	8	280	14			260	41	280	22	290	23
2100 m.	180	8			210	21			300	30	260	10	250	9								
2400 m.	180	9			210	25					250	12	250	10								
3000 m.	210	11											250	17								
4000 m.	200	17											240	23								
5000 m.	230	15											250	32								
6000 m.	210	17											250	51								

STATION	Kharga		Hurghada				P. Said		Cairo (A)		Luxor		Siwa		Hurghada				Kharga		Hurghada	
DATE	22-3		22-3				23-3		23-3		23-3		23-3		23-3				23-3		23-3	
TIME	14		14				2		3		2		2		2				8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	15	120	9			260	24	230	18	350	13	330	19	320	16			330	7	320	18
600 m.	250	20	80	7			250	14	260	19	330	17	320	17	280	21			320	9	300	10
1000 m.	270	34	150	4			230	15	250	19	330	17	300	20	260	15			310	10	300	16
1500 m.	270	22	140	12			200	31	240	14	340	27	300	24	240	25			300	9	290	28
2100 m.			240	20			210	17	210	15	330	16	300	24	230	16						
2400 m.			200	15			200	19	210	14			300	30	240	16						
3000 m.							200	23							250	35						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	9	230	10	210	23	180	4	280	4	340	12	350	8	350	17	270	10	320	12	200	28
600 m.	230	6	230	9	210	18	240	7	280	5	330	17	340	12	340	16	270	11	300	14	290	34
1000 m.	210	7	240	9	230	29	250	10	280	8	300	10	290	9	350	17	280	29	300	14	300	17
1500 m.			200	11	230	19	260	15			290	7			360	20	280	30	290	15	310	21
2100 m.			170	16							260	6			330	16			300	14		
2400 m.			180	13							290	5			320	18						
3000 m.			140	14							250	6										
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						22-3					22-3									
TIME						14					15									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	19				111	34		280	6					
1000 mb.						73	18		130	3										
950 mb.																				
900 mb.																				
850 mb.						1445	8		180	7	1563	19		280	14					
800 mb.																				
700 mb.						3010	-3		220	11	3142	4		250	17					
600 mb.																				
500 mb.						5583	-22		210	16	5812	-13		250	47					
400 mb.						7190	-34		210	24	7472	-27		250	59					
300 mb.						9150	-42		240	36	9840	-35		250	72					
200 mb.						11890	-41		250	31	12870	-51		250	103					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 23rd MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. continues falling gradually in the N. reaching its normal in L. Egypt & Cairo. This fall extends gradually to M. Egypt. Mod. NW ly winds in L. Egypt & Cairo; light to mod. in Upper Egypt. Low clouds appear from N. coast to M. Egypt increasing at times near the N. coast where there is risk of light rain in the west.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 20 U.T.
Sunset 16 27 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 22nd.

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
62300	320	8	12	95	9	8	Cu,Sc	9.2	18	13	73
303	360	14	15	52	9	8	Cb	8.0	16	15	94
306	10	11	16	03	0	4	Cu	8.2	20	13	64
309			20	00	0	0	—	7.7	25	5	28
319	40	9	20	02	4	2	Cu	9.3	20	15	73
318	350	10	12	02	0	0	—	8.5	24	16	61
330	110	5	20	02	0	0	—	9.6	24	14	54
333	00	0	20	02	0	0	—	9.1	23	15	61
336											
339	90	5	20	01	0	3	Cu	8.8	25	13	48
342	90	5		02	0	0	—	8.2	29	14	40
348	180	5	20	01	1	4	Cu	9.0	29	12	35
360	200	2	20	00	0	0	—	8.9	26	7	30
354	220	1	20	03	1	4	Cu	7.9	29	12	35
441											
366	260	12	14	02	0	1	Cu	7.6	30	0	14
372	210	14	15	02	0	1	Cu	8.1	31	1	15
R74											
375	230	11	12	02	0	1	Cu	8.0	29	7	25
378	20	11	10	02	0	1	Cu	7.9	29	3	19
381	360	4	20	02	0	0	—	8.3	31	7	22
387	260	15	16	02	0	0	—	7.5	31	0	13
393	270	12	14	02	0	0	—	9.7	31	-6	9
399	00	0	10		0	2	Ac	8.4	33	5	15
402	290	2	20	00	0	0	—	9.0	32	6	20
405	20	2	22	03	0	1	Cu	8.0	34	6	18
414	360	14	14	03	1	5	Ac	6.7	35	-4	8
417	300	17	14	01	2	4	NS	9.9	22	8	41
420	240	11		07	3	1	AS	9.8	26	10	37
423	290	16		05	0	2	Ci	12.0	26	6	28
432	320	13	10	02	0	0	—	12.0	28	2	19
435	260	3	15	03	0	1	Cu	7.8	33	7	20
450	160	2	50	03	0	2	Cu	9.4	26	12	42
459											
462	130	7	22	02	0	1	Cu	8.2	29	18	52
465	40	6	20	02	0	3	Cb,Ac,Ci	9.0	26	18	62
641	70	11	16	05	2	5	Sc,Ac	7.3	28	23	74
600	340	5	20	01	0	1	Ac	7.9	36	5	14
640	00	0	24	01	2	5	Ac	4.4	36	7	17
660	360	7	21	02	2	7	Ac	4.4	37	4	13
680	350	10	20	03	1	8	Ac	2.9	38	3	11
721	30	5	20	03	2	7	Cu,Ac	2.5	38	12	21
730	360	4	20	03	0	1	Cu	0.4	39	15	24
751	180	5	10	02	2	1		0.6	41	10	16
801											
802	120	9	20	95	9	8		2.2	32	17	41
771	110	3	20	02	1	3	Ci	1.7	37	6	14
780	90	3	26	02	2	7	Ac,cs	3.0	36	12	24
770	340	3	50	03	2	5	Ac,cs	5.3	35	-3	9
840	310	6	20	01	6	4	Cu,Ac	3.3	37	16	29
880	210	6	20	95	9	4	Cb,Ac	3.4	29	18	52
941	180	3	24	02	2	7	Cu,cs	1.3	37	18	33

At 1800 on 22nd.

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	340	12	10	13	9	6	Cu,Sc,As	10.6	16	13	19	-3	82	11
303	340	15	10	80	9	8	Cb	9.0	15	14	19		94	8
306	230	3	14	01	6	2	Ac	8.8	14	13	24		94	0.2
309				00	0	0	—	8.1	18	8	25		52	0
319	40	8	20	01	0	0	—	9.5	19	14	24	+2	73	0
318	40	5	12	02	0	0	—	9.1	17	12	25	+4	72	0
330	110	5		02	0	0	—	9.4	18	16	24	+4	88	0
333	60	9	20	02	0	0	—	8.1	19	17	24	+4	88	0
336														
339	290	2	10	02	0	0	—	9.1	19	16	30	+6	83	0
342	40	5		02	0	0	—	8.3	20	13	30	+6	64	0
348	40	3	20	02	0	0	—	9.9	17	13	30		77	0
360	220	2	10	00	0	0	—	9.3	20	11	29		56	0
354	220	1	10	02	0	0	—	8.6	22	15	31	+6	65	0
441														
366	300	9	12	02	0	1	Cu	9.4	24	4	31		28	0
372	240	10	12	02	0	0	—	8.9	24	4	32	+8	28	0
R74											32	+7		
375	00	0	10	01	0	0	—	9.8	20	7	30	+5	43	0
378	270	5	10	02	0	0	—	9.5	22	3	30	+5	29	0
381	360	4	20	02	0	0	—	9.4	22	9	32	+6	44	0
387	280	5	8	02	0	0	—	9.0	20	6	31	+5	41	0
393	290	4	12	02	0	0	—	11.0	22	2	31	+5	27	0
399	00	0		01	0	0	—	10.7	21	12	34	+6	57	0
402	00	0		00	0	0	—	9.8	22	9	34	+2	44	0
405	00	0	12	02	0	0	—	9.0	24	6	35		32	0
414	350	10	10	01	1	3	Ac	8.1	30	-3	36	+4	11	0
417	320	8	14	03	1	3	NS	11.2	19	6	24	-2	43	0
420	290	3	10	02	3	0	—	12.1	20	9	26	0	49	0
423	300	4	10	00	0	0	—	13.2	20	2	26		30	0
432	280	14	6	02	0	0	—	12.6	23	3	28	-1	27	0
435	00	0	8	02	0	0	—	9.3	24	4	34	+4	28	0
450	00	0	10	01	0	0	—	8.4	24	9	29	+4	38	0
459														
462	150	3	12	02	0	0	—	8.4	24	20	29	+6	79	0
465	190	1	20	02	1	0	—	9.1	23	18	27	+1	74	0
641	130	1	60	02	2	6	Sc	9.5	26	24	30		89	0
600			24	01	2	3	Ac	5.2	31	4	37		18	0
640	00	0	21	01	1	2	Ac	5.6	30	9	38		28	0
660	00	0	20	01	2	4	Ac	4.7	33	6	39		19	0
680	360	8	20	01	2	3	Ac,Ci	3.7	34	10	39		23	0
721	10	5	20	01	0	0	—	3.2	33	14	40		32	0
730														
751														
801														
802	20	3	20	01	1	1	Ac	3.5	32	8	38		22	0
771	00	0	50	01	1	1	Ac	5.5	30	10	37		29	0
780														
770														
840	310	6	20	13	9	7	Ac,Ci	6.3	28	8	38		29	0
880	270	3	24	13	2	7	Cb,Ac	4.1	31	19	37		49	0
941														

At 0600 on SATURDAY 23rd. March 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st.	Rainfall mms. Normal From Oct. 1st.
MEDITERRANEAN	62300	SALLOUM	350	18	12	02	1	6	Sc,Ac	12.9	-2.9	16	13	15	+4	82	14	248	
	303	SIDI BARRÂNI	350	17	16	02	8	7	Sc,Ac	10.8		16	12	12		77	16	243	
	306	MATRÛH (A)	320	18	15	01	5	6	Cu,Sc,As	9.6	-6.6	16	13	13		82	6	249	
	309	EL DABAA			10	00	0	5	Ac	8.6		14	12	11		88	0	203	
	319	ALEXANDRIA	220	8	20	03	0	1	Cb	9.6	-4.1	15	13	14	+1	88	0	276	178
	318	ALEXANDRIA (A)	250	10	12	01	0	3	Cu	9.3	-7.1	17	14	14	+3	83	0	243	152
	330	DAMIETTA	200	2	10	00	0	0	—	10.0	-5.5	16	12	11	0	77	0	214	99
	333	PORT SAID (A)	200	15	12	02	0	0	—	9.5	-6.7	19	11	17	+3	60	0		
	336	EL ARISH																	
LOWER EGYPT	339	DAMANHÛR	260	5	10	02	0	2	Cu	9.9	-5.9	18	10	12	+2	60	0	138	91
	342	MANSÛRA	240	3		00	0	0	—	10.2	-5.5	19	12	12	+2	64	0	68	46
	348	TANTA	220	5	20	03	2			10.2	-6.0	16	12	13	+4	77	0	79	34
	360	SHEBÎN EL KÔM	240	2	10	01	1	1	Cu	10.7	-5.1	18	10	14		60	0	58	
	354	ZAGAZIG	320	1	10	02	0	0	—	10.2	-5.6	18	10	14	+5	60	0	53	24
	441	ISMAÎLÎA																	
CAIRO AREA	366	CAIRO (A)	210	13	15	03	0	3	Ac	10.9		18	9	16		56	0	48	
	372	CAIRO ALMÁZA (A)	210	12	20	02	0	2	Sc,Cu	10.7	-5.8	18	8	16	+5	52	0	53	
	R74	CAIRO EZBEKÎYA										19	10	15	+4	56	0	43	22
	375	GIZA	180	7	10	02		2	Ac	11.6	-4.7	18	9	14	+5	56	0	53	21
	378	HELWÂN	200	4	4	02	1	4	Ac	11.5	-4.3	17	7	15	+3	52	0	36	23
UPPER EGYPT	381	FAYOÛM	240	4	20	02	0	0	—	12.2	-3.9	19	9	13	+3	52	0	16	7
	387	MINYA (A)	180	4	8	01	1	1	Ac	12.1	-5.0	16	8	11	+3	59	0	2	
	393	ASYOÛT (A)	00	0	10	02	0	0	—	13.5	-2.1	18	3	14	+4	37	0	dr	
	399	NAG' HAMÂDI	00	0	4	03	0	4	Ac,cs	14.3	-0.7	20	8	13	+3	46	0	1	
	402	QENA	230	2	10	00	0	0	—	13.5	-1.0	20	8	15	+2	46	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	12.6	-2.2	22	5	14		33	0	0	
	414	ASWÂN	360	10	10	02	0	0	—	12.8	-1.4	21	3	18	+2	31	0	8	
OASES	417	SÎWA	320	13	15	02	0	0	—	13.8	-3.6	14	10	12	+3	77	0	23	7
	420	BAHARÎYA	270	8	10	02	0	0	—	12.8	-3.7	16	8	12	+2	59	0	2	7
	423	FARAFRA	290	6	15	02	0	0	—	14.7		18	5	12		43	0	dr	
	432	DAKHLA	270	3	14	02	0	0	—	15.6	-0.2	15	0	11	0	36	0	1	
	435	KHARGA	00	0	12	02	0	0	—	12.7	-2.5	19	8	13	+1	49	0	3	
RED SEA	450	SUEZ	160	1	20	00	0	0	—	10.4	-5.4	23	8	16	+3	38	0	28	14
	459	TÛR																	
	462	HURGHADA	320	14	15	02	0	0	—	10.4	-4.7	24	8	15	+2	36	0	dr	
	465	QUSEIR	340	1	20	02	0	0	—	11.0	-2.7	25	2	19	+2	22	0	dr	4
	641	PORT SÛDÂN	20	1	20	03	0	0	—	9.5		26	24			89	0		
NORTH SUDAN	600	WÂDI HALFA	10	15	20	02	0	0	—	13.4		21	3	16		31	0		
	640	ABU HAMAD	360	13	22	07	0	0	—	9.1		27	0			17	0		
	660	KAREIMA	80	7	21	01	0	1	Ci	9.9		26	1			20	0		
	680	ATBARA	360	9	20	01	0	2	Ci	7.7		27	3			20	0		
	721	KHARTOÛM	20	7	20	21	6	6	Ac	7.6		29	7			25	0		
	730	KASSALA	50	4	20	02	8	7	Ac	5.4		32	16			38	0		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	130	5	20	02	2	7		8.9		31	17			43	0		
	802	ROSEIRES	130	9	20	02	1	2	Ac	6.4		30	16			43	0		
	771	EL OBEID	40	3	20	01	2	4	Ac,Ci	6.4		28	1			41	0		
	780	EL FASHER	00	0	20	02	2	7	Ac,cs	9.8		23	9			41	0		
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL	240	3	20	02	6	7	Cb,Ac,As	9.0		28	20			62	dr		
	880	WÂU	210	5	20	02	6	7	Ac	9.5		28	20			62	1		
	941	JUBA	90	1	20	06	2	7	Sc,Ac	9.6		24	21			84	0		

RETARDS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

Beware my foolish Heart
Thats why the Ladyes is tramp.
It looks like rain
in Apple Blossom Lane.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra	
DATE	23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3		23-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	11	340	14	270	6	320	5	320	8	280	27	300	24	290	10	340	21	300	20	300	15
600 m.	340	11	340	11	320	7	320	2	290	10	280	31	300	16	290	10	340	11	300	19	300	12
1000 m	350	11	340	17	330	16	270	3	260	10	280	25	270	12	300	10	360	9	300	18	320	13
1500 m.	350	20	350	20	10	12	360	10	230	11			290	18	280	13	330	13	300	16	310	19
2100 m.	360	21			340	17	350	14	210	12					280	18			290	25	310	22
2400 m.	360	15			340	20	360	9	200	15					280	23			290	24		
3000 m.	10	7			350	18	300	7														
4000 m					330	12																
5000 m					340	17																
6000 m																						

STATION	Kharga		Hurghada				P. Said		Minya		Luxor		Aswan		Siwa		Kharga		Hurghada		Hurghada	
DATE	23-3		23-3				24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3	
TIME	14		14				2		2		2		2		2		3		2		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	300	24	250	3			320	9	330	19	320	15	320	12	340	10	340	10	290	20	330	23
600 m	210	21	290	13			320	4	340	23	320	23	330	22	340	18	360	25	290	16	310	16
1000 m.	180	2	280	12			290	5	330	26	320	23	310	15	330	20	350	30	290	16	290	15
1500 m.			280	21			290	10	320	30	320	19	260	14	340	17			300	11	300	26
2100 m			300	26			320	9	310	34	310	29	290	20	340	22			360	5		
2400 m							330	10			300	23	280	23	350	18			290	16		
3000 m							280	7							360	17						
4000 m							40	9														
5000 m																						
6000 m																						

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga	
DATE	24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	10	5	340	17	290	10	80	9	320	18	310	24	300	12	330	17	340	13	310	19	10	8
600 m	340	7	340	15	290	10	290	8	320	16	330	10	310	15	330	14	330	15	300	14	350	8
1000 m	310	5			310	7	280	11	310	16	330	16	350	13	320	23	330	15	300	20	340	17
1500 m					30	4							330	17	320	17	350	22			330	19
2100 m					350	2							320	29	270	17	330	28				
2400 m													340	21	280	24	310	25				
3000 m															290	33						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						23-3														
TIME						14														
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface						25	17													
1000 mb						123	16		260	5										
950 mb																				
900 mb																				
850 mb						1478	5		10	7										
800 mb																				
700 mb						3044	-4		340	18										
600 mb																				
500 mb						5612	-23													
400 mb						7206	-36													
300 mb						9163	-44													
200 mb						11840	-50													

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 24th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	of snow, or of rain and snow	during preceding hour not at time of observation
27	" hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	with or without fog
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature remains about normal all over the Republic. Moderate N/NW ly winds. Low clouds increasing over Lower Egypt and Cairo with light scattered rain.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 19 U.T. / Sunset 16 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 23rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	320	18	18	02	1	0	—	14.0	21	10	50	
	303	SÎDI BARRÂNI	330	20	16	01	1	3	cu	13.1	18	15	83	
	306	MATRÛḤ (A)	310	16	15	02	2	7	NS	11.8	19	16	83	
	309	EL DAB'AA	00	0	20	00	0	5	CS	10.9	18	13	73	
	319	ALEXANDRIA	110		20	03	0	3	cb, cs	10.4	18	13	73	
	318	ALEXANDRIA (A)	340	11	12	02	0	3	cu	9.8	21	13	61	
	330	DAMIETTA	360	5	20	03	0	3	cu	9.6	21	14	65	
	333	PORT SA'ÎD (A)	10	16	20	02	0	2	cu	9.7	21	16	69	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	260	5	10	01	0	4	cu	9.3	23	10	44	
	342	MANSÛRA	270	5		01	0	2		9.9	25	8	34	
	348	ṬANṬA	220	5	20	03	2	5	cu	10.2	24	12	47	
	360	SHEBÎN EL KÔM	220	5	20	01	1	2	cu	9.4	24	6	32	
	354	ZAGAZIG	220	1	20	03	1	8	cu	9.6	24			
	441	ISMA'ÎLÎA												
CAIRO AREA	366	CAIRO (A)	260	16	14	02	2	6	cu	8.6	24	4	28	
	372	CAIRO ALMÂZA (A)	210	16	20	03	2	6	cu, Sc	9.1	26	5	27	
	374	CAIRO EZBEKÎYA												
	375	GIZA	250	10	10	03	1	6	cu	9.8	25	9	36	
	378	ḤELWÂN	220	10	10	03	2	6	cu	8.8	23	5	32	
UPPER EGYPT	381	FAYOÛM	360	4	20	03	1	4	cu, Sc	9.6	26	10	37	
	387	MINYA (A)	270	12	10	02	1	5	cu	9.1	25	3	24	
	393	ASYOÛT (A)	270	6	14	02	0	1	cu	10.5	26	1	20	
	399	NAG' HAMÂDI	320	9		01	0	2	Ac	10.8	27	-3	14	
	402	QENA	240	4		01	0	0	—	11.2	26	7	30	
	405	LUXOR (A)	290	10	16	02	0	0	—	9.8	29	2	18	
	414	ASWÂN	310	14	12	02	0	0	—	9.1	31	-3	11	
OASES	417	SÎWA	320	20	16	03	1	5	cu	13.0	25	5	28	
	420	BAHARÎYA	90	9	20	03	3	5	Sc	11.0	21	11	53	
	423	FARAFRA	320	8	20	03	0	3	cu	13.2	24	4	28	
	432	DAKHLA	290	12	13	02	3	0	—	13.5	25	2	22	
	435	KHARGA	300	12	55	02	0	0	—	9.9	27	8	30	
RED SEA	450	SUEZ	160	1	50	03	0	6	cu	9.6	25	8	34	
	459	ṬÛR												
	462	HURGHÂDA	340	20	20	02	0	0	—	7.3	27	11	37	
	465	QUSEIR	30	9	20	02	0	0	—	9.2	25	13	48	
	641	PORT SÛDÂN	70	10	10	05	0	2	Sc	6.9	28	24	79	
NORTH SUDAN	600	WÂDI HALFA	360	10	16	02	0	0	—	8.7	31	3	17	
	640	ABU HAMAD	340	9	24	02	0	0	—	4.5	37	-1	9	
	660	KAREIMA	80	7	21	02	0	0	—	5.5	37	-3	8	
	680	ATBARA	30	4	20	02	0	0	—	3.2	38	1	10	
	721	KHARTOÛM	40	8	20	02	6	4	cu, Ac, cb	2.8	39	7	14	
	730	KASSALA	340	6	20	01	2	6	Ac	2.5	38	12	21	
CENTRAL SUDAN	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	70	7	20	03	2	6	Ac, ci	2.5	37	1	11	
	760	EL FASHER												
	770	GENEINA	340	5	50	02	2	6	Ac, cs	5.6	35	-1	10	
S. SÛDÂN	840	MALAKÂL	260	10	20	60	9	7	cb, Ac, As	9.0	24	19	74	
	880	WÂU	180	5	20	02	2	7	St, Ac, As	8.8	26	18	62	
	941	JUBA	290	4	20	02	6	7	cu, Ac, As	6.8	30	21	59	

At 1800 on 23rd

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	90	18	12	02	0	0	—	15.2	17	12	22	0	72	0
303	SÎDI BARRÂNI	330	15	12	02	0	0	—	14.2	16	14	18		88	0
306	MATRÛḤ (A)	290	13	10	02	2	6	NS	13.7	16	15	20		94	0
309	EL DAB'AA				00	0	5	Ac	11.9	17	15	20		88	0
319	ALEXANDRIA	360	10	20	01	0	0	—	10.5	17	15	21	-1	88	0
318	ALEXANDRIA (A)	330	10	12	01	0	0	—	10.6	18	14	23	+2	78	0
330	DAMIETTA	360	5	20	00	0	0	—	10.6	17	13	23	+3	77	0
333	PORT SA'ÎD (A)	30	2	18	01	8	1	Sc	10.0	18	14	25	+5	78	0.3
336	EL 'ARISH														
339	DAMANHÛR	290	2	10	01	1	0	—	10.7	16	12	25	+1	77	0
342	MANSÛRA	40	3		02	0	0	—	9.9	19	14	26	+2	73	0
348	ṬANṬA	360	5	20	02	0	0	—	10.2	17	13	26		77	0
360	SHEBÎN EL KÔM	290	2	10	01	1	2	Sc	9.9	16	8	25		59	0
354	ZAGAZIG	00	0	10	02	0	0	—	10.6	20	15	26	+1	73	0
441	ISMA'ÎLÎA														
366	CAIRO (A)	260	5	12	21	6	6	cu	10.7	19	11	25		60	dr
372	CAIRO ALMÂZA (A)	240	1	12	53	5	8	Sc, cu	10.4	19	10	26	+2	56	dr
374	CAIRO EZBEKÎYA											27	+1		
375	GIZA	50	7	8	02	5	6	Sc	10.7	19	11	25	0	60	dr
378	ḤELWÂN	290	3	10	02	5	6	cu, Sc	10.4	18	10	25	0	60	dr
381	FAYOÛM	360	4	20	01	0	0	—	10.8	18	12	27	+1	68	0
387	MINYA (A)	300	3	8	01	0	0	—	10.4	19	9	27	+1	52	0
393	ASYOÛT (A)	270	4	10	02	0	0	—	11.7	21	1	27	+1	27	0
399	NAG' HAMÂDI	00	0		01	0	0	—	12.4	19	9	28	0	52	0
402	QENA	20	0	20	00	0	0	—	10.6	19	9	27	-5	52	0
405	LUXOR (A)	00	0	12	02	0	0	—	11.6	21	6	29		38	0
414	ASWÂN	310	12	12	02	0	0	—	10.4	25	-4	32	0	15	0
417	SÎWA	360	8	14	01	1	0	—	14.3	21	5	26	0	35	0
420	BAHARÎYA	320	4	10	02	2	0	—	12.5	19	14	25	-2	73	0
423	FARAFRA	300	2	12	00	1	0	—	14.6	20	4	25		35	0
432	DAKHLA	00	0	9	02	0	0	—	14.2	21	0	27	-3	25	0
435	KHARGA	350	2	9	02	0	0	—	10.7	22	5	28	-2	33	0
450	SUEZ	30	2	10	01	0	3	cu	9.9	22	9	27	+2	44	0
459	ṬÛR														
462	HURGHÂDA	340	15	10	02	0	0	—	10.1	29	12	29	+6	35	0
465	QUSEIR	00	0	20	02	0	0	—	10.2	22	13	28	+2	57	0
641	PORT SÛDÂN	00	0	20	05	0	0	—	8.5	26	24	29		89	0
600	WÂDI HALFA	340		20	03	0	1	cu	11.3	25	0	33		19	0
640	ABU HAMAD	340	9	22	02	0	0	—	7.2	31	5	37		9	0
660	KAREIMA	50	7	21	02	0	0	—	7.6	30	-2	37		12	0
680	ATBARA	10	7	20	02	0	1	Ac	5.1	32	3	39		16	0
721	KHARTOÛM	350	1	20	03	2	5	Ac	4.6	33	11	39		26	0
730	KASSALA	00	0	20	03	0	4	Ac	4.2	30	14	39		38	dr
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	360	2	20	02	2	7	Ac	3.6	32	6	38		20	0
760	EL FASHER	90	7	20	01	2	7	Ac, cs	4.5	32	14	36		34	0
770	GENEINA	00	0	50	01	2	7	Ac, ci	6.2	31	5	36		19	0
840	MALAKÂL	310	4	20	01	6	7	Ac, cs	9.4	23	20	28		84	dr
880	WÂU	00	0	20	02	2	7	As	8.0	25	21	27		79	0
941	JUBA	320	4	20	13	6	3	cb, Ac	7.5	26	21	30		74	5

At 0600 on SUNDAY 24th MARCH 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	340	15	20	02	0	0	—	15.4	-0.4	16	12	14	+3	77	0	248	
303	SÎDI BARRÂNI	310	15	15	03	2	7	Sc	14.9		16	14	14		88	0	243	
306	MATRÛḤ (A)	260	10	15	03	0	7	Sc	15.3	-0.9	15	14	13		94	0	249	
309	EL DAB'AA			10	00	0	2	ci	14.2		17	13	14		77	0	203	
319	ALEXANDRIA	350	12	20	03	0	7	cu, Sc	13.6		17	15	16	+3	88	0	276	179
318	ALEXANDRIA (A)	340	9	12	03	2	7	Sc	13.3	-3.1	18	14	18		78	0	243	153
330	DAMIETTA	220	2		03	0	0	—	12.4	-3.0	16	14	10	-1	88	0	214	99
333	PORT SA'ÎD (A)	280	10	14	03	0	5	Sc	11.9	-4.3	18	15	15	+1	83	0.3		
336	EL 'ARISH																	
339	DAMANHÛR	290	5	10	03	0	3	cu	12.8	-2.9	19	14	14	+4	73	0	138	91
342	MANSÛRA	00	0		00	4	0	—	13.0	-2.7	15		12	+2		0	68	47
348	ṬANṬA	310	6	20	02	0	0	—	12.9	-3.2	12	8	11	+2	77	0	79	34
360	SHEBÎN EL KÔM	160	2	10	00	0	0	—	13.0	-2.7	18	15	14		83	0	58	
354	ZAGAZIG	220	1		10	1	0	—	13.3	-2.4	17	13	13	+4	77	0	53	24
441	ISMA'ÎLÎA																	
366	CAIRO (A)	350	4	8	02	2	5	Sc	13.2		17	14	14		83	dr	48	
372	CAIRO ALMÂZA (A)	320	5	8	02	2	7	cu, Sc	13.6	-2.9	17	14	15	+4	83	dr	53	
374	CAIRO EZBEKÎYA										18	14	15	+4	78	dr	43	22
375	GIZA	330	2	10	03		5	Sc	13.6	-2.6	19	13	14	+5	68	dr	53	21
378	ḤELWÂN	00	0		02	2	8	ST	13.4	-2.3	16	14	14	+2	88	dr	36	23
381	FAYOÛM	360	8	20	02	2	7	cb	14.2	-1.8	19	13	15	+5	68	0	16	7
387	MINYA (A)	300	1	8	03	0	2	Ac	13.9	-3.2	15	12	10	+2	82	0	2	
393	ASYOÛT (A)	310	7	16	02	0	4	Sc	15.4	-0.1	16	9	14	+4	64	0	dr	
399	NAG' HAMÂDI	00	0		01	0	2	Ac	15.1	+0.2	18	10	8	-2	60	0	1	
402	QENA	290	4	10	00	0	0	—	13.9	-0.5	19	9	12	-1	52	0	dr	
405	LUXOR (A)	20	5	22	02	0	0	—	13.4	-1.3	20	9	15	+4	49	0	0	
414	ASWÂN	00	0	10	02	0	0	—	14.1	0.0	19	5	18	+2	40	0	8	
417	SÎWA	340	4	10	02	1	5	NS	17.8	+0.5	11	9	10	+1	88	0	23	7
420	BAHARÎYA	00	0	10	02	2	7	AS	16.2	-0.3	13	12	11	+1	94	0	2	7
423	FARAFRA	270	3	15	02	0	0	—	18.1		16	9	10		64	0	dr	
432	DAKHLA	290	4	15	02	0	0	—	17.0	+1.3	16	4	11	0	45	0	1	
435	KHARGA	330	2	15	03	0	1	cu	14.2	-0.9	19	12	13	+1	64	0	3	
450	SUEZ	310	2	20	00	0	6	cu	12.2	-3.5	18	13	13	0	73	1	36	14
459	ṬÛR																	
462	HURGHÂDA	300	20	22	01	0	0	—	10.2	-4.9	22	10	15	+2	47	0	dr	
465	QUSEIR	270	12	20	02	0	0	—	11.2	-2.4	23	5	16	-1	32	0	dr	4
641	PORT SÛDÂN	330	7	20	05	2	7	Sc	9.9		27	23	23		79	0		
600	WÂDI HALFA	30	7	20	02	0	0		16.9		19	3	15		35	0		
640	ABU HAMAD	360	13	22	03	0	2	Ac, ci	12.1		23	-3	19		18	0		
660	KAREIMA	70	11	21	03	1	7	Ac, cs	13.0		23	-3	20		18	0		
680	ATBARA	10	20	04	07	2	7	Ac, cs	10.0		25	0	22		19	0		
721	KHARTOÛM	20	3	20	01	2	6	Ac	10.8		27	1	26		19	dr		
730	KASSALA	80	2	20	01	2	2	Ac	8.0		30	12	23		33	dr		
751	WÂD MEDANI								9.7		29	17	24		49	0		
801	RENK	130	5	10	02	1	5	Ac	12.4		28	19	26		58	0		
802	ROSEIRES	230	2	20	02	6	5	Ac	10.3		24	19	22		74	0		
771	EL OBEID	360	9	15	05	0	5	Ac, ci	9.6		27	-2	23		15	0		
760	EL FASHER																	
770	GENEINA	130	5	20	02	0	0	—	12.8		30	19	26		52	0		
840	MALAKÂL	150	5	20	01	6	7	cb, Ac	13.0		24	18	21		69	dr		
880	WÂU	00	0	20	02	2	7	Ac	9.1		24	21	23		84	0.3		
941	JUBA	20	1	24	03	1	7	Ac	11.4		25	21	22		79	5		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		P. Said		Minya		Asyout		Luxor		Siwa		Baharija		Farafra		Dakhla	
DATE	24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3		24-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	320	13	310	17	300	10	320	12	340	10	320	36	320	16	300	18	330	15	340	10	350	21
600 m	320	11	290	16	310	11	300	16	340	12	320	38	310	15	310	25	330	14	340	16	350	20
1000 m	300	11	310	16	320	14	300	12	290	9	320	29	310	27	290	17	330	11	340	20	340	19
1500 m			330	15	330	14	280	11	20	10			310	43	310	18	330	11	340	33	340	19
2100 m			350	14	330	15	270	10	20	9			310	87	330	4	320	18	330	16		
2400 m			360	17	330	16	260	10	340	23					320	11	330	19	340	17		
3000 m			350	17	320	18			10	19							340	21	320	7		
4000 m			330	27	310	20																
5000 m					300	18																
6000 m					300	22																

STATION	Kharga		Hurghada				S. Barrani		Alex. (A)		P. Said		Asyout		Aswan		Hurghada				Kharga	
DATE	24-3		24-3				25-3		25-3		25-3		25-3		25-3		25-3				25-3	
TIME	14		14				3		2		2		2		4		2				8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	8	330	29			320	12	330	10	310	8	320	5	350	12	320	25			10	5
600 m	340	12	310	24			340	12	340	17	310	9	330	4	360	16	330	34			350	11
1000 m	340	8	300	24			340	11	320	23	310	9	330	4	360	19	330	28			340	16
1500 m			300	24			320	12	310	22	320	9	30	3	10	10	320	22				
2100 m							320	13	320	19	330	10			320	10	340	19				
2400 m							320	13			340	12			330	13	320	34				
3000 m							320	13			330	14			300	17						
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		Alex. (A)		P. Said		Cairo (A)		Minya		Luxor		Aswan		Siwa		Baharija		Farafra		Dakhla	
DATE	25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3	
TIME	8		8		8		9		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	300	7	260	10	260	8	270	3	320	2	80	6	320	10	320	2	270	5	340	6	330	9
600 m	290	9	250	10	280	9	270	4	320	10	10	12	290	7	290	5	280	3	330	10	340	3
1000 m	280	12	250	10	290	8	290	7	310	17	340	4	300	7	320	9	270	3	330	11	340	4
1500 m	320	9									340	11	300	7	330	4	310	11	330	13	340	14
2100 m	350	12									10	7	60	4	360	1	320	16			340	12
2400 m	10	5									20	6			10	4	330	20			350	14
3000 m	340	10									300	12					340	17				
4000 m	10	6																				
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						24-3														
TIME						14														
	ALT m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18													
1000 mb						140	17		300	9										
950 mb.																				
900 mb																				
850 mb.						1508	8		330	14										
800 mb																				
700 mb.						3087	0		320	18										
600 mb.																				
500 mb						5694	-18		300	21										
400 mb						7318	-33		290	26										
300 mb						9276			300	29										
200 mb.						11880	-56		280	35										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 25th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature continues with light to moderate winds and clear sky all over the Republic. Chance for early morning fog in scattered places of Lower Egypt and Cairo, changing into low clouds which dissipate gradually after sunrise.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 18 U.T. / Sunset 16 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	00	0	20	02	0	0	—	15.6	25	11	42
	303	SÎDI BARRÂNI	310	13	16	02	2	4	Sc	15.6	18	14	78
	306	MATRÛH (A)	290	16	16	01	0	2	Sc, cu	15.7	19	15	18
	309	EL DAB'AA			20	00	0	0	—	14.9	19	14	73
	319	ALEXANDRIA	310	14	20	03	2	1	cu	14.6	20	15	73
	318	ALEXANDRIA (A)	310	15	10	01	2	5	cu, Sc	14.3	21	16	74
	330	DAMIETTA	340	5	20	01	1	2	cu	13.0	20	15	73
	333	PORT SA'ÎD (A)	340	15	20	03	2	7	cu, Sc, Ac	12.5	20	16	78
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	70	5	20	01	1	3	cu	13.1	22	13	57
	342	MANSŪRA	360	5		03	1	5	cu	12.6	24	14	54
	348	ṬANṬA	310	7	20	03	2	5	cu	12.6	24	14	54
	360	SHEBÎN EL KÔM	320	5	20	01	1	3	cu	12.8	24	9	38
	354	ZAGAZIG	200	1	20	03	1	8		12.3	24	14	54
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	340	12	12	02	0	4	cu	12.0	24	10	41
	372	CAIRO ALMÂZA (A)	290	8	20	02	1	3	cu	12.4	24	12	47
	374	CAIRO EZBEKÎYA											
	375	GIZA	70	32	10	09	1	3	cu	12.5	23	12	50
	378	ḤELWÂN	290	8	10	01	1	3	Sc, cu	12.3	23	8	38
Upper Egypt	381	FAYOÛM	360	6	20	01	0	3	St	13.3	25	10	39
	387	MINYA (A)	350	12	10	03	1	4	cu	12.8	26	7	30
	393	AṢYOÛT (A)	290	6	16	02	1	4	cu	14.1	23	9	41
	399	NAG' HAMÂDI	290	3	10	01	0	3	Ac, cs	13.3	26	12	42
	402	QENA	290	4	20	03	1	4	ci	12.6	25	11	42
	405	LUXOR (A)	310	15	16	03	0	3	cu	12.2	26	7	30
	414	ASWÂN	330	12	22	02	0	0	—	11.4	27	4	23
Oases	417	SÎWA	320	12	16	02	1	0	—	16.4	25	4	26
	420	BAHARÎYA	320	3	20	01	0			14.8	24	1	22
	423	FARAFRA	360	4	20	03	0	2	cu	16.4	23	2	26
	432	DAKHLA	320	13	20	03	0	1	cu	15.6	25	3	24
	435	KHARGA	340	6	20	03	0	3	cu	13.0	26	10	37
Red Sea	450	SUEZ	330	2	50	01	0	4	cu		25	13	48
	459	TÔR											
	462	HURGHÂDA	360	23	22	02	0	1	Sc	9.8	25	11	41
	465	QUSEIR	10	12	20	02	0	0	—	10.6	24	9	38
	641	PORT SÛDÂN	60	13	10	06	1	2	Sc	10.5	28	23	74
North Sudan	600	WÂDI ḤALFA	330	16	20	02	0	0	—	12.2	27	3	25
	640	ABU ḤAMAD	340	9	22	01	1	1	Ac	9.3	31	-4	10
	660	KAREIMA	50	12	20	02	0	1	Ac	9.8	32	-3	10
	680	'AṬBARA	10	16	10	07	2	6	Ac	7.0	35	-7	7
	721	KHARṬOÛM	20	10	20	01	2	3	ci	6.7	35	3	13
	730	KASSALA	290	7	20	01	0	0	—	3.4	38	10	18
Central Sudan	751	WÂD MEDANI	90	5	20	02	0	4	cu	4.4	37	15	27
	801	RENK	180	9	20	02	1	5	cu	6.7	37	14	35
	802	ROSEIRES	230	5	20	02	1	3	cu	3.7	36	16	31
	771	EL OBEID	60	11	20	03	0	3	Ac, ci	6.0	34	1	12
	760	EL FASHER	120	10	17	06	2	6	Ac, cs	6.0	33	16	46
	770	GENEINA	270	2	30	02	1	3	cs	5.4	35	1	12
S. Sûdân	840	MALAKÂL	230	9	20	01	2	5	cu, Ac	7.1	33	17	38
	880	WÂU	120	4	20	02	2	6	cu, Ac	5.4	33	18	41
	941	JUBA	40	15	24	15	2	6	Sc, cu, Ac	7.1	30	20	55

At 1800 on 24th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	12	02	0	0	—	15.6	18	10	25	+3	60	0
303	SÎDI BARRÂNI	300	8	14	02	0	0	—	15.3	16	14	18		88	0
306	MATRÛH (A)	260	9	14	01	0	0	—	15.6	15	14	20		94	0
309	EL DAB'AA				00	0	3	ci	14.9	17	13	20		77	0
319	ALEXANDRIA	270	12	20	01	0	0	—	15.0	17	15	20	-2	88	0
318	ALEXANDRIA (A)	320	8	12	01	0	0	—	14.6	17	15	22	+1	88	0
330	DAMIETTA	340	5		00	0	0		13.9	17	15	20	0	88	0
333	PORT SA'ÎD (A)	310	6	18	02	0	1	cu	13.5	18	15	23	+3	83	0
336	EL 'ARISH														
339	DAMANHÛR	310	2	10	02	0	0	—	14.7	16	14	23	-1	88	0
342	MANSŪRA	40	5		01	0	0	—	14.2	18	13	24	0	73	0
348	ṬANṬA	310	5	20	02	0	0	—	14.8	15	13	25	0	88	0
360	SHEBÎN EL KÔM	240	2	10	01	1	2	Sc	14.8	17	9	25		60	0
354	ZAGAZIG	220	1	10	02	0	0	—	14.6	18	15	25	0	83	0
441	ISMA'ILÎA														
366	CAIRO (A)	360	6	12	01	0	0	—	14.4	18	12	25		68	0
372	CAIRO ALMÂZA (A)	330	10	12	02	0	0	—	14.0	18	13	26	+2	73	0
374	CAIRO EZBEKÎYA											27	+1		
375	GIZA	360	6	8	01	1	0	—	14.8	18	13	25	0	73	0
378	ḤELWÂN	340	10	10	01	1	0	—	14.2	19	12	24	-1	64	0
381	FAYOÛM	360	4	20	01	0	0	—	14.2	19	14	26	0	73	0
387	MINYA (A)	260	4	8	01	0	0	—	14.1	18	10	26	0	60	0
393	AṢYOÛT (A)	00	0	12	02	0	0	—	13.8	20	8	26	-1	46	0
399	NAG' HAMÂDI	00	0	4	01	0	2	As	14.2	20	13	26	-2	64	0
402	QENA	290	2		00	0	0	—	13.0	22	9	27	-5	44	0
405	LUXOR (A)	80	4	12	01	2	1	cu	12.8	20	11	26		56	0
414	ASWÂN	360	11	10	02	0	0	—	12.8	23	6	28	-4	34	0
417	SÎWA	300	8	14	02	0	0	—	15.8	20	4	26	0	35	0
420	BAHARÎYA	320	2	10	02	0	0	—	15.6	22	11	26	-1	50	0
423	FARAFRA	360	2	12	00	0	0	—	16.7	20	2	26		30	0
432	DAKHLA	340	8	10	02	0	0	—	16.0	20	3	26	-4	33	0
435	KHARGA	00	0	8	02	0	0	—	13.3	21	8	27	-3	44	0
450	SUEZ	330	2	10	01	0	2	cu	11.5	20	13	26	+1	64	dr
459	TÔR														
462	HURGHÂDA	320	24	12	01	0	1	cu	10.6	22	10	26	+3	47	0
465	QUSEIR	270	1	20	02	0	0	—	11.9	21	14	28	+2	65	0
641	PORT SÛDÂN	350	7	16	06	0	1	Sc	11.9	25	20	29		74	0
600	WÂDI ḤALFA	360	10	20	02	0	0	—	13.9	23	5	29		32	0
640	ABU ḤAMAD	290	5	22	02	0	1	Ac	10.3	26	-2	32		16	0
660	KAREIMA	30	7	21	02	0	0	—	11.2	27	-3	33		14	0
680	'AṬBARA	10	9	20	01	1	1	Ac	9.0	27	0	35		17	0
721	KHARṬOÛM	350	10	20	01	2	2	Ac, ci	9.3	20	0	36		26	0
730	KASSALA	350	5	20	01	0	0	—	5.4	31	10	39		28	0
751	WÂD MEDANI											38			
801	RENK											38			
802	ROSEIRES											37			
771	EL OBEID	10	5	20	01	0	0	—	7.3	29	-1	35		14	0
760	EL FASHER	90	5	20	02	2	7	Ac, cs	6.7	29	10	39		28	0
770	GENEINA	00	0	30	03	2	7	Ac	5.0	31	3	37		17	0
840	MALAKÂL	320	6	20	02	2	6	Ac, cs	7.9	29	18	37		52	0
880	WÂU	00	0	20	01	2	0	—	7.0	29	20	34		59	0
941	JUBA	00	0	24	02	9	7	Ac, cs	8.3	25	22	33		84	dr

At 0600 on MONDAY 25th MARCH 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal
62300	SALLOÛM	270	12	18	02	0	7	cs	14.8	-0.9	15	12	14	+3	83	0	248	
303	SÎDI BARRÂNI	260	8	18	03	2	6	Sc, ci	14.5		14	12	14		88	0	243	
306	MATRÛH (A)	250	10	16	01	1	2	Sc	14.4	-1.7	16	14	13		88	0	249	
309	EL DAB'AA			10	00	0	0	—	14.4		17	13	13		77	0	203	
319	ALEXANDRIA	310	8	20	03	0			14.8	-0.7	17		15	+2		0	276	179
318	ALEXANDRIA (A)	290	6	12	03	0	6	Sc	14.4	-1.9	17	15	14	+2	88	0	243	153
330	DAMIETTA	200	2	4	03	1	7	Sc	14.2	-1.1	15	15	11	-1	97	0	214	99
333	PORT SA'ÎD (A)	270	6	12	00	3	7	cu, Sc	13.9	-2.3	18	15	16	+2	83	0		
336	EL 'ARISH																	
339	DAMANHÛR	260	2	4	03	0	6	cu	14.6	-1.0	18	15	11	+1	83	0	138	57
342	MANSŪRA	00	0		03	1			14.0	-1.7	15	13	12	+2	88	0	68	47
348	ṬANṬA	40	6	20	01	1	2		14.6	-1.4	16	14	11	+2	88	0	79	34
360	SHEBÎN EL KÔM	320	2	10	01	1	3	cu	14.8	-0.8	18	15	14		83	0	58	
354	ZAGAZIG	220	1	10	00	1	0	—	14.6	-1.1	16	14	13		88	0	53	24
441	ISMA'ILÎA																	
366	CAIRO (A)	330	4	8	01	4	7	Sc	15.3		14	13	13		94	0	48	
372	CAIRO ALMÂZA (A)	240	5	6	05	2	6	ST	15.0	-1.5	16	13	14	+2	82	0	53	
374	CAIRO EZBEKÎYA										15	11	14	+3			43	22
375	GIZA	220	3	4	03	·	8	As	15.7	-0.5	15	12	11	+2	82	0	53	21
378	ḤELWÂN	00	0		05	1	2	ST	15.1	0.5	15	13	12	0	88	0	36	25
381	FAYOÛM	330	4	20	02	0	0	—	15.5	-0.5	18	13	12	+1	73	0	6	7
387	MINYA (A)	00	0	8	02	0	0	—	14.6	-2.4	16	12	10	+1	77	0	2	
393	AṢYOÛT (A)	00	0	12	02	0	0	—	15.5		16	8	14	+4	59	0	0	
399	NAG' HAMÂDI	00	0	4	01	0	3	Ac	15.4	+0.6	17	12	12	+2	72	0	1	
402	QENA	290	2	10	00	0	0	—	14.3	-0.1	20	11	14	+1	56	0	dr	
405	LUXOR (A)	250	2	22	02	0	0	—	14.2	-0.4	20	11	13		56	0	0	
414	ASWÂN	00	0	12	02	0	0		14.5	+0.5	20	9	14	-2	49	0	8	
417	SÎWA	00	0	16	03	0	2	ci	16.0	1.2	14	5	7	-2	55	0	23	
420	BAHARÎYA	00	0	20	02	0	0	—	15.5	-0.9	18	9	9	-1	56	0	2	
423	FARAFRA	00	0	12	02	0	0	—	16.8		15	1	8		39	0	dr	
432	DAKHLA	00	0	18	02	0	0		17.0	+1.4	15	3	10	-1	45	0	dr	
435	KHARGA	00	0	15	02	0	0		14.0	-1.0	18	9	11	-1	56	0		
450	SUEZ	40	2	20	02	0	3	cu	14.4	-1.3	18	13	11	-2	73	dr	36	
459	TÔR																	
462	HURGHÂDA	320	17	20	02	0	1	cu	13.3	-1.7	21	12	16	+3	57	0		
465	QUSEIR	40	16	20	02	0	0	—	13.4	0.1	23	12	17	0	50	0		
641	PORT SÛDÂN	350	11	20	02	0	2	Sc, ci	12.9		25	17	21		61	0		
600	WÂDI ḤALFA	00	0	20	03	0	1	ci	15.6		17	5	13		46	0		
640	ABU ḤAMAD	340	13	20	01	2	2	ci	13.1		21	1	17		21	0		
660	KAREIMA	50	9	20	03	0	3	ci	13.3		21	1	18		27	0		
680	'AṬBARA	10	12	21	02	2	6	cs	11.5		23	1	20		24	0		
721	KHARṬOÛM	40	10	20	03	0	2	Ac, ci	11.6		23	-1	21		20	0		
730	KASSALA	00	0	20	01	2	1	Ac	9.9		26	12	21		42	0		
751	WÂD MEDANI	50	13	20	02	1	2	Ac	10.3		26	-2	21		16			
801	RENK	130	9	20	02	1	6	Ac	11.4		28	19	25		58	0		
802	ROSEIRES	100	30	28	02	6	8	Sc	12.8		24	19	22		74	4		
771	EL OBEID	40	8	10	06	2	7	Ac, cs	10.7		25	10	21		27	0		
760	EL FASHER	110	7	20	02	1	5	cb	10.9		23	-2			17	0		
770	GENEINA	40	10	30	03	2	7	Ac, cs	11.0		22	-5	21		16	0		
840	MALAKÂL	10		20	01	2	7	Ac, cs	9.2		29	17	24		49	dr		
880	WÂU																	
941	JUBA	180	3	24	03	0	4	Ac, ci	8.8		26	20	21		70	0		

RETARDS — DATE

* ⊕ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Mersah		Alex. (A)		P. Said		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3		25-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	30	6	320	9	320	7	320	9	320	7	330	12	300	6	340	10	270	4			330	10
600 m	320	6	290	10	320	7	280	11	260	9	320	16	300	6	320	13	270	4	310	17	340	10
1000 m	320	9	310	12	330	7	280	8	270	13	320	13	320	5	310	12	310	5	320	35	340	8
1500 m	320	9	320	6	350	7	360	3	350	2	300	17	320	11	330	10	320	5	320	30	340	9
2100 m			350	7	360	8	30	3	220	13			300	11	350	13	350	4	320	36	330	10
2400 m			340	7			60	4	20	9			320	11	350	10	360	9	320	36	310	10
3000 m			320	9	60	5	90	4	350	14			300	12	310	8	320	6	320	47	310	10
4000 m			360	10	280	8							290	26	250	19	300	13			280	12
5000 m					280	12									270	22					300	30
6000 m					280	23									270	35						

STATION	Dakhla		Kharga		Hurghada				S. Barrani		P. Said		Cairo (A)		Asyout		Aswan		Dakhla		Hurghada	
DATE	25-3		25-3		25-3				26-3		26-3		26-3		26-3		26-3		26-3		26-3	
TIME	14		14		14				3		2		2		2		2		8		9	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	330	9	350	6	10	13			180	9	360	2			90	3	340	13	130	6	340	10
600 m	330	11	360	9	350	12			240	6	320	10			80	10	360	17	60	7	320	8
1000 m	320	14	360	13	340	15			240	7	320	9	350	9	350	9	360	15	70	6	290	6
1500 m	320	28	340	11	320	11			300	10	350	4	80	9	330	16	360	7	60	9	260	7
2100 m					310	18			300	14	360	10	350	6	340	27	320	8	60	7	290	6
2400 m					280	21			320	14	360	10	10	5			320	12	70	5	280	8
3000 m					260	27					30	4	300	7							290	10
4000 m																					300	19
5000 m																					290	26
6000 m																					300	32

STATION	Salloum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	290	6	260	10	140	3	30	3	240	4	200	3	310	10	300	5	160	6	230	6	210	3
600 m	250	15	240	14	100	4	100	6	250	6	320	2	360	3	300	4	230	6	230	6	330	6
1000 m	240	14	210	14	110	5	100	8	280	7	320	2	340	9	290	5	210	4	190	2	350	6
1500 m	230	28	240	10									340	12	320	5	200	4	320	10	340	5
2100 m			250	8									350	19	330	6	360	11	340	10		
2400 m			270	5													10	14	330	10		
3000 m			270	14															320	13		
4000 m			280	17															340	21		
5000 m																			340	13		
6000 m																			320	17		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Mersah					Aswan									
DATE						25-3					25-3									
TIME						15					15									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18				111	28		350	12					
1000 mb						132	18		320	7										
950 mb																				
900 mb																				
850 mb						1509	10		350	7	1505	12		330	10					
800 mb																				
700 mb						3091	0		200	5	3115	3		310	8					
600 mb																				
500 mb						5694	-18		270	18	5750	-15		270	37					
400 mb						7321	-33		290	27	7325	-26		270	45					
300 mb						9283	-48		270	29	9415	-39		270	54					
200 mb						11750	-63		270	45	12100	-56								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 26th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour, not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour, not at time of observation
22	Snow	not falling as shower (s) — during preceding hour, not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour, not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour, not at time of observation
25	Shower (s) of rain	during preceding hour, not at time of observation
26	" of snow, or of rain and snow	during preceding hour, not at time of observation
27	" " hail, " " " " hail	during preceding hour, not at time of observation
28	Fog	during preceding hour, not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour, not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature continues all over the Republic. Some high and medium clouds over Lower Egypt and Cairo. Chance for early morning scattered fog. Moderate N'ly winds inland, SW'ly on coast to the west. In Upper Egypt: Mainly clear; light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 52 U.T. / Sunset 16 10 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 25th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	120	6	18	02	0	2	Cb	14.0	24	12	47
	303	SÎDI BARRÂNI	320	9	16	02	2	7	Cs	14.4	18	15	83
	306	MATRÛḤ (A)	310	13	18	02	2	5	Ci	14.5	19	16	83
	309	EL ḌAB'AA			20	00	0	3	Ci	14.7	20	13	64
	319	ALEXANDRIA	310	10	20	01	0	1	Co	14.6	19	14	73
	318	ALEXANDRIA (A)	320	12	12	02	0	3	Ci	14.1	21	15	69
	330	DAMIETTA	320	2	20	00	0	0	—	13.9	21	14	65
	333	PORT SA'ID (A)	260	7	20	02	0	0	—	13.4	23	14	57
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	2	20	01	1	3	Cu	13.9	24	14	54
	342	MANŞÛRA	270	3		01	0	2	Cu	13.6	25	13	48
	348	ṬANṬA	270	4	20	01	1	4	Cu	14.4	23	12	50
	360	SHEBÎN EL KÔM	320	5	20	01	1	2	Cu	13.9	23	10	44
	354	ZAGAZIG	270	1	20	02	1	2	Cu	12.9	24	18	69
	441	ISMA'ILÍA											
Cairo Area	366	CAIRO (A)	320	8	12	03	0	2	Cu, Ci	13.5	23	10	44
	372	CAIRO ALMÁZA (A)	320	8	15	02	0	1	Cu, Sc	13.2	23	10	44
	374	CAIRO EZBEKÍYA											
	375	GIZA	30	7	10	02	0	1	Ci	13.2	23	13	53
	378	ḤELWÂN											
Upper Egypt	381	FAYOÛM	330	4	20	02	0	0	—	13.5	25	10	39
	387	MINYA (A)	360	6	10	02	0	0	—	13.6	27	9	33
	393	AṢYOÛṬ (A)	340	6	15	02	0	0	—	13.4	26	5	27
	399	NAG' HAMÂDI	290	2	10	02	0	2	Ac	13.5	28	10	33
	402	QENA	290	2	20	00	0	0	—	12.6	28	4	22
	405	LUXOR (A)	240	6	22	02	0	0	—	12.7	28	6	25
	414	ASWÂN	340	3	15	02	0	0	—	11.5	29	8	27
Oases	417	SÎWA	280	8	16	02	1	3	Ci	14.7	28	4	22
	420	BAḤARÎYA	320	6	20	02	0	0	—	13.7	27	11	37
	423	FARAFRA	300	2	20	02	0	0	—	15.1	27	3	22
	432	DAKHLA	00	0	20	02	0	0	—	15.2	27	5	25
	435	KHARGA	350	2	20	02	0	0	—	12.3	28	2	19
Red Sea	450	SUEZ	180	1	50	03	0	5	Cu	13.0	25	-2	48
	459	TÛR											
	462	HURGHÂDA	40	11	20	02	0	1	Cu	11.5	24	14	54
	465	QUSEIR	30	11	20	02	0	2	Sc, Cu	12.3	24	14	54
	641	PORT SÛDÂN	40	16	20	03	0	3	Cu, Ci	10.3	27	19	62
North Sudan	600	WÂDI ḤALFA	20	9	20	01	0	1	Ci	12.0	28	6	25
	640	ABU ḤAMAD	20	5	21	01	1	3	Ac, Ci	7.6	31	-3	11
	660	KAREIMA	50	7	20	01	2	5	Cs	9.4	30	-1	13
	680	ʿAṬBARA	30	9	20	01	1	1	Ci	6.9	33	-4	9
	721	KHARṬOÛM	50	7	20	01	0	1	Ci	6.6	33	3	15
	730	KASSALA	300	3	20	03	0	3	Ac	3.3	38	12	21
Central Sudan	751	WÂD MEDANI	50	5	20	01	1	6	Cs	6.8	39	9	16
	801	RENK	120	5	20	01	1	3	Cu	5.0	37	11	20
	802	ROSEIRES											
	771	EL OBEID	50	5	20	02	1	5	Ac	5.5	33	-7	7
	780	EL FASHER	70	5	20	02	2	7	Ac, cs	7.2	30	13	35
	770	GENEINA	210	8	30	01	2	4	Ac, cs	5.1	34	1	12
S. Sudan	840	MALAKÂL	90	3	20	02	2	4	Cu, Sc	3.8	36	16	31
	880	WÂU	340	3	20	25	8	6	Cu, Ac	3.4	32	19	46
	941	JUBA	90	5	24	02	1	5	Cu, Ci	2.5	35	17	35

At 1800 on 25th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	02	0	0	—	14.2	18	15	24	+2	83	0
SÎDI BARRÂNI	70	6	12	02	1	0	—	14.5	16	14	19		88	0
MATRÛḤ (A)	00	0	14	01	0	0	—	15.3	15	14	20		94	0
EL ḌAB'AA	00	0	4	00	0	0	—	15.1	15	15	20		97	0
ALEXANDRIA	360	6	20	02	0	1	Cu	15.1	17	13	20	-2	77	0
ALEXANDRIA (A)	340	2	12	01	2	0	—	14.6	16	15	21	0	94	0
DAMIETTA	320	2	3	02	0	0	—	14.6	17	13	21	+1	77	0
PORT SA'ID (A)	350	11	16	01	0	0	—	14.5	18	16	24	+4	88	0
EL 'ARISH														
DAMANHÛR	310	2	10	02	0	0	—	14.7	17	13	26	+2	77	0
MANŞÛRA	360	3	10	00	0	0	—	14.6	18	13	26	+2	73	0
ṬANṬA	330	4	20	02	0	0	—	14.8	18	13	25	0	78	0
SHEBÎN EL KÔM	340	2	10	01	1	1	Sc	14.0	21	10	28		50	0
ZAGAZIG	00	0	10	02	0	0	—	13.9	21	18	25	0	83	0
ISMA'ILÍA														
CAIRO (A)	100	4	12	02	1	2	Cu	14.3	20	11	24		56	0
CAIRO ALMÁZA (A)	50	4	12	01	0	0	—	13.9	21	10	26	+2	50	0
CAIRO EZBEKÍYA											26	0		
GIZA	70	3	10	01	0	0	—	14.8	19	11	24	-2	60	0
ḤELWÂN	320	2	10	02	0	0	—	14.2	21	10	24	-1	50	0
FAYOÛM	360	4	20	02	0	0	—	13.5	20	11	27	0	56	0
MINYA (A)	00	0	8	02	0	0	—	12.7	20	9	28	+2	49	0
AṢYOÛṬ (A)	00	0	12	02	0	0	—	13.9	22	6	27	0	36	0
NAG' HAMÂDI				01	0	2	As, cs	14.4	18	13	29	+1	73	0
QENA	290	2	5		0	0	—	12.1	21	7	29	-3	41	0
LUXOR (A)	360	7	12	02	0	0	—	12.5	23	5	30		32	0
ASWÂN	360	7	12	02	0	0	—	14.2	29	6	30	-2	23	0
SÎWA	300	6	14	02	1	0	—	13.6	20	4	29	+3	35	0
BAḤARÎYA	00	0	10	02	0	0	—	14.1	22	11	28	+1	50	0
FARAFRA	00	0	12	02	0	0	—	14.9	20	2	28		30	0
DAKHLA	350	2	9	02	0	0	—	14.8	23	2	28	-2	26	0
KHARGA	00	0	9	02	0	0	—	12.2	22	-2	29	-1	20	0
SUEZ	330	2	10	01	0	0	—	13.4	22	11	27	+2	50	0
TÛR														
HURGHÂDA	00	0	10	02	0	0	—	12.1	20	11	25	+2	56	0
QUSEIR	00	0	20	02	0	0	—	12.6	21	14	25	-1	65	0
PORT SÛDÂN	290	6	20	02	0	1	Sc	12.1	24	18	28		69	0
WÂDI ḤALFA	20	6	20	02	0	1	Ci	13.5	24	6	29		32	0
ABU ḤAMAD	20	5	20	01	0	0	—	10.2	25	-3	31		16	0
KAREIMA			21	01	1	2	Ac, Ci	10.1	27	-3	32		14	0
ʿAṬBARA	360	7	20	01	1	0	—	8.8	26	1	34		20	0
KHARṬOÛM	360	7	20	02	0	2		6.4	30	5	33		21	0
KASSALA	360	7	20	01	1	2	Ac	6.0	29	4	38		20	0
WÂD MEDANI											39			
RENK											38			
ROSEIRES											36			
EL OBEID	10	5	20	01	1	1	Ac	4.1	29	-1	34		14	0
EL FASHER	40	9	20	01	1	2	Ac	6.9	27	11	32		37	0
GENEINA	190	4	30	01	2	6		4.3	32	8	36		22	0
MALAKÂL	130	3	20	13	2	7	Cb, Ac	4.9	32	18	38		43	0
WÂU											36			
JUBA	310	3	24	13	2	3	Cb, Ci	3.9	29	18	36		52	0

At 0600 on Tuesday 26th March 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	90	12	18	02	0	0		15.4	-0.5	18	7	15	+3	49	0	248	
SÎDI BARRÂNI	120	11	12	01	0	3	Ci	14.3		15	10	10		72	0	243	
MATRÛḤ (A)	190	6	10	02	1	5	Ci	15.6	-0.4	15	12	8		82	0	249	
EL ḌAB'AA	00	0	10	00	0	6	Ac	15.8		14	13	12		94	0	203	
ALEXANDRIA	220	5	20	03	0	6	Sc	16.0	+0.6	17	13	15	+1	80	0	276	174
ALEXANDRIA (A)	200	4	10	02	4	7	Sc	15.5	-0.8	17	13	12	0	88	0	243	136
DAMIETTA	220	2	05	12	4	8	As	17.1	+1.8	15	15			97		214	100
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHÛR	310	2	10	01	1	3	Ci	15.8	+0.2	18	15	11	0	88	0	138	92
MANŞÛRA	60	0	3	03	4	8	Sc	16.0	+0.4	16	14	12	+2	88	0	68	47
ṬANṬA	00	0	20	03	2	8	As	16.7	+0.8	15	13	10	+1	88	0	79	34
SHEBÎN EL KÔM	290	2	10	01	4	3	Sc	16.3	+0.7	15	11	11		77	0	58	
ZAGAZIG	00	0	3	10	0	0	—	15.3	-0.3	13	11	10		88	0	53	24
ISMA'ILÍA																	
CAIRO (A)	320	2	>1	14	4	9		16.0		14	13	13		94	0	48	
CAIRO ALMÁZA (A)	340	1	<1	48	4	0	—	15.8	-0.7	16	13	14	+2	82	0	53	
CAIRO EZBEKÍYA										18	14	14	+3	78	0	43	22
GIZA	70	8	5	02		0	—	16.2	+0.1	16	14	13	+4	88	0	53	21
ḤELWÂN	00	0	10	02	0	1	Cu	15.8	+0.2	17	13	14	+2	77	0	36	24
FAYOÛM	360	4	20	02	0	0	—	16.3	+0.4	19	13	12	+1	68	0	16	7
MINYA (A)	300	1	8	02	0	0	—	15.8	-1.2	16	9	10	+1	64	0	2	
AṢYOÛṬ (A)	00	0	16	02	0	0	—	16.1	+0.8	20	6	14	+4	41	0	0	
NAG' HAMÂDI	00	0	4	03	0	4	Ac, cs	16.3	+1.6	18	8	12	+2	52	0	1	
QENA	270	2	10	00		0	—	15.4	+1.1	20	8	13	0	46	0	dr	
LUXOR (A)	00	0	12	02	0	0	—	14.7	+0.2	21	8	12		44	0	0	
ASWÂN	00	0	12	02	0	0	—	15.0	+1.0	20	0	13	-3	26	0	8	
SÎWA	00	0	15	01	0	1	Ci	16.0	-1.1	14	4	10	+1	52	0	23	7
BAḤARÎYA	00	0	20	02	0	0	—	16.0	-0.4	17	8	9	-1	56	0	2	7
FARAFRA	00	0	15	02	0	0	—	17.8		15	2	10		42	0	dr	
DAKHLA	00	0	18	02	0	0	—	17.1	+1.6	16	1	12	+1	36	0	dr	
KHARGA	00	0	15	02	0	0	—	14.3	-0.7	18	6	11	-2	46	0		
SUEZ	60	2	20	00	0	0	—	15.1	-0.5	19	14	11	-2	73	0	36	14
TÛR																	
HURGHÂDA	340	1	22	02	0	0	—	14.4	-0.6	23	10	14	+1	44	0		
QUSEIR	320	12	20	02	0	0	—	14.4	+0.9	24	9	17	-1	38	0		4
PORT SÛDÂN	330	7	20	03	1	7	Sc, cs	13.5		25	17	18		61	0		
WÂDI ḤALFA	30	5	20	03	0	3	Ci	15.9		19	3	13		35	0		
ABU ḤAMAD	360	13	24	03	1	6	Cs	13.2		22	-2	17		20	0		
KAREIMA	70	6	21	03	0	7	Ac, cs	13.2		22	2	20		27	0		
ʿAṬBARA	360	14	20	02	2	6	Ac, cs	11.2		23	7	19		36	0		
KHARṬOÛM	40	10	20	01	2	3	Ac	10.5		24	1	22		22	0		
KASSALA	20	4	20	01	2	2	Ac	7.8		30	9	20		27	0		
WÂD MEDANI	360	13	10	02	0	1	Cc	10.3		26	-2	19		16	0		
RENK	360	5	20	01	1	3	Ac	10.2		29	1	23		17	0		
ROSEIRES	50	9	20	01	1	4	Ac	7.5		30	3	23		18	0		
EL OBEID	40	13	20	02	2	5	Ac, ci	9.4		26	-6	21		12	0		
EL FASHER	10	3	20	02	2	7	Ac, cs	11.5		22	9	20		44	0		
GENEINA	50	8	30	03	2	7	Ac, cs	11.6		23	-7	21		13	0		
MALAKÂL	250	6	20	29	9	7	Cb, Ac, cs	10.1		25	15	23		54	dr		
WÂU	00	0	20	02	6	6	As	9.0		25	21	24		79	1		
JUBA	230	7	24	03	1	7	Ac, cs	8.3		27	21			70			

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Mersah		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharyia	
DATE	26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3		26-3	
TIME	14		14		15		14		13,45		14		14		14		15		14		14	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
800 m.	330	10	330	11	320	6	250	4	350	7	30	4	320	17	330	8	320	12	240	4	340	9
600 m.	290	6	270	7	290	7	180	3	340	10	350	4	330	17	310	9	320	13	220	5	330	8
1000 m	40	16	200	16	260	10	210	3	350	11	320	5	320	15	320	13	330	14	230	5	320	10
1500 m.	40	29	220	27	250	11			10	11	260	5	310	17	320	7	360	12	280	5	310	10
2100 m.			220	33	260	7			10	6	270	10	300	1	230	13	360	17	280	9	300	14
2400 m.			220	29	210	8			140	7	270	4	250	10	330	13	350	13	290	10	300	11
3000 m.					260	12			340	2							300	9	290	10	320	9
4000 m.					280	19			310	7							280	17			360	18
5000 m.					270	25			290	13							280	22			320	12
6000 m.					270	30			260	30							280	24			300	14

STATION	Farafra		Dakhla		Kharga		Hurghada				Sallum		Cairo (A)		Luxor		Siwa		Kharga		Hurghada	
DATE	26-3		26-3		26-3		26-3				27-3		27-3		27-3		27-3		27-3		27-3	
TIME	14		14		14		14				2		3		2		2		3		2	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED			DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	5	250	5	350	8	30	7					10	15	350	7			20	6	320	15
600 m	320	8	280	0	330	11	300	11			10	12	30	12	10	9	210	10	40	5	320	13
1000 m	320	5	270	1	350	15	350	12			10	12	10	10	30	8	210	11	20	9	320	3
1500 m.	310	5	340	3	360	23	300	14			50	8	40	5	20	10	210	10			40	2
2100 m.	350	6					270	16			320	5	320	12	30	10	250	23			10	6
2400 m.	20	11					280	15			320	5			30	7	260	25			360	8
3000 m.	10	9					310	11			270	5					290	40			290	10
4000 m.	330	11									270	1									300	11
5000 m.																						
6000 m																						

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharyia		Farafra		Dakhla		Hurghada	
DATE	27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3	
TIME	8		8		8 15		8		8 15		8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	170	10	220	4	210	4	320	2	360	3	180	1			150	6	170	6	280	8	310	10
600 m.	180	15	210	4	180	4	40	2	120	3	330	4	210	16	150	6	170	10	180	5	330	4
1000 m			150	4	120	3			160	4	300	1	210	17	170	8	170	8	130	5	10	7
1500 m			240	3			180	2	170	4	190	6	240	15	190	2	230	5	100	8	30	4
2100 m.			260	5			270	3	300	3	260	15	240	13	50	9	270	7			30	3
2400 m.							270	3	270	2	120	4	260	16	310	10	200	6			110	3
3000 m							360	12					250	22			340	15			320	4
4000 m							340	18													300	8
5000 m							280	13														
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE (RACEWINE)

STATION	Cairo (A)					Mersah					Aswan									
DATE	26-3					26-3					26-3									
TIME	13 45					15					15									
	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	26				25	21				111	29		350	12					
1000 mb.	123	26		360	9	132	20		320	5										
950 mb.																				
900 mb																				
850 mb.	1578	12		10	11	1518	12		250	11	1534	15		360	12					
800 mb.																				
700 mb.	3117	2		340	2	3100	1		270	12	3139	6		300	9					
600 mb																				
500 mb	5752	-14		280	24	5698	-19		260	31	5784	-15								
400 mb	7396	-28		270	38	7319	-32		280	36										
300 mb	9386	-44		280	43	9278	-46		280	51										
200 mb	12000	-58				11880	-61		280	72										

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 27th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased – during preceding hour
31	Slight or moderate duststorm or sandstorm	no change – during preceding hour
32	Slight or moderate duststorm or sandstorm	increased – during preceding hour
33	Severe duststorm or sandstorm	decreased – during preceding hour
34	Severe duststorm or sandstorm	no change – during preceding hour
35	Severe duststorm or sandstorm	increased – during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing intermittent	slight
51	" " " continuous	slight
52	" " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather near the N. coast; hot weather elsewhere. Variable light winds. High clouds and some medium from N. coast to Middle Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 03 58 U T; Sunset 16 18 U T)

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26 Th											At 1800 on 26 Th													
WIND					CLOUD			TEMPERATURES °C			WIND					CLOUD			TEMPERATURES °C					
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	RELATIVE HUMIDITY %	DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	BAR PRESSURE M.S.L. mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
360	15	18	02	0	4	Ci	3.9	20	16	73	360	12	12	01	0	0	—	14.5	17	12	21	−2	72	0
330	14	18	03	0	2	CS	14.1	19	15	78	350	13	12	02	2	7	Sc	14.3	17	13	20		77	0
20	12	16	02	0	0	—	14.2	21	14	65	00	0	14	01	2	0	—	13.9	16	14	26		88	0
			00	0	0	—	14.2	21	14	65				00	0	0	—	13.1	16	14	25		88	0
130	10	20	01	1	1	Ci	15.1	21	14	65	40	10	20	01	0	0	—	14.4	17	15	22	0	88	0
320	18	14	01	1	1	Ci	14.8	22	15	65	30	5	12	02	0	0	—	14.6	16	15	25	+4	94	0
40	2	20	01	1	2	Ac	15.2	23	16	65	40	2	10	01	0	0	—	15.1	17	17	23	+2	97	0
230	2	20	01	0	1	Cu	14.7	26	12	42	270	2	16	02	0	0	—	14.6	18	15	27	+3	83	0
340	3	14	01	1	2	Ci	14.6	26	11	40	360	5		00	0	0	—	14.7	19	16	29	+4	83	0
180	2	20	03	2			14.4	26	12	42	40	5	20	02	0	0	—	14.8	19	16	28	+3	83	0
290	5	20	01	1	1	Cu	14.8	25	8	34	320	2	10	01	1	1	Sc	14.4	21	10	27		50	0
220	1	20	01	1	3	Ci	13.3	26	18	62	00	0	10	02	0	0	—		22	17	27	+1	74	0
330	7	14	02	1	3	Cu, Ci	13.7	26	10	27	00	3	12	02	0	0	—	14.0	22	11	27		50	0
330	7	18	02	1	5	Cu, Cs	13.6	26	12	42	50	4	15	01	1	0	—	13.5	22	10	28	+4	47	0
																					28	+2		
300	3	12	01	1	3	Cu, Ci	13.6	26	13	45	50	6	8	01	0	0	—	14.3	23	12	27	+1	50	0
00	0		02	1	2	Cu	13.3	25	13	48	240	5	10	02	0	0	—	13.5	23	8	27	+2	38	0
240	4	20	02	0	0	—	14.0	29	9	29	240	4	20	02	0	0	—	13.3	21	12	30	+3	57	0
00	0	10	00	0	0	—	14.7	29	−1	14	30	2	7	02	0	0	—	11.8	22	8	30	+3	41	0
350	5	16	02	0	0	—	13.2	27	0	17	00	0	10	02	0	0	—	13.1	24	0	29	+2	21	0
290	1	10	01	0	3	Cu, Ci	13.0	29	16	46	00	0		01	0	2	As	13.4	21	10	30	+2	50	0
290	2	20	00	0	0	—	12.6	29	9	29	270	2		00	0	0	—	12.0	23	8	30	−3	38	0
00	0	22	02	0	0	—	12.0	30	4	19	00	0	12	02	0	0	—	11.8	23	9	31		41	0
320	2	15	02	0	0	—	12.0	29	4	20	00	0	12	02	0	0	—	11.2	25	0	31	−2	19	0
210	10	16	02	0	0	—	13.9	30	1	16	180	2	14	02	0	0	—	12.3	23	−3	31	+4	18	0
320	6	20	02	0	0	—	13.5	28	8	29	00	0	10	02	0	0	—	13.6	23	8	30	+3	38	0
00	0	20	02	0	0	—	14.7	30	5	21	00	0	12	02	0	0	—	15.1	22	1	31		25	0
270	3	24	02	0	0	—	14.4	29	−1	14	10	3	12	02	0	0	—	14.3	24	−2	30	0	18	0
00	0	20	02	0	0	—	11.8	30	8	25	00	0	9	01	0	0	—	11.8	21	4	31	0	33	0
00	0	50	03	0	5	Cu	13.0	27	9	33	330	2	10	01	0	0	—	13.4	24	10	29	+4	41	0
60	10	22	02	0	1	Cu	12.6	25	12	45	180	2	12	02	0	0	—	12.6	21	16	29	+6	74	0
30	13	20	01	0	1	Cu	12.9	24	16	61	00	0	20	02	0	0	—	13.2	22	15	26	0	65	0
40	14	20	03	1	6	Ac, Ci	11.3	27	21	74	340	4	20	01	2	3	Ac, Ci	11.6	24	19	28		74	0
60	8	20	03	1	5	Ci	11.3	25	0	22	360	4	20	01	1	3	Ci	11.6	24	5	31		30	0
340	9	24	02	2	7	CS	7.6	32	−1	12	340	5	24	01	1	0	—	9.4	25	−3	33		16	0
50	7	21	02	2	7	Ac, Cs	8.6	32	0	13	20	8	21	01	1	0	—	9.6	27	−2	33		15	0
350	13	20	02	2	0		5.7	35	1	12	360	7	20	01	2	0	—	7.6	27	3	35		22	0
350	11	20	03	1	4	Ac, Cs	5.6	34	1	12	300	6	20	02	2	7	Ac	6.9	31	15	36		38	0
350	5	20	02	0	0	—	3.0	37	4	13	10	5	20	01	1	1	Ac	5.2	30	4	38		19	0
360	9	20	02	0	5	Ci	4.2	36	−2	9											38			
310	9	20	02	1	4	Ac	4.6	38	7	15											34			
310	5	20	02	1	3	Cu	1.0	39	9	16											40			
40	12	20	03	1	7	Ac, Cs	5.4	33	−7	7	50	3	20	01	2	3	Ac, Ci	6.6	28	−1	35		15	0
50	8	20	03	2	7	Ac, Cs	5.2	33	15	34	70	7	20	01	2	7	Ac, Cs	6.1	29	13	35		37	0
20	1	50	01	2	7	Cu, Cs	5.8	33	2	14	00	0	50	02	3	6	Ac, Cs	4.5	31	9	36		26	0
70	2	20	01	2	7	Ac, Cs	4.5	36	11	22	210	8	20	01	2	7	Ac, Cs	6.8	29	17	38		49	0
20	2	20	01	6			4.8	32			170	3	20	61	6	8	Ac	8.0	23	21	33		89	1
100	2	24	01	2	7	NS, CS	2.9	35	17	35	310	7	24	13	2	7	NS	8.9	25	21	36		79	dr

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛT (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA
RETARDS	DATE	

At 0600 on WEDNESDAY 27th MARCH 1957.														
WIND					CLOUD		BAR. PRESSURE		TEMPERATURES °C.					RAINFALL mms.		
DIRECTION Deg.	VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
00	0	20	03	1	6	Cu, Ci	14.8	−0.8	17	12	14	+2	72	0	248	
10	8	16	02	2	6	Sc	14.8		16	15	14		94	0	243	
330	8	16	02	2	6	Sc, Ac	15.2	−0.8	17	14	12		83	0.4	245	
		10	00	0	3	Ci	15.2		17	13	10		77	0	276	
130	12	20	02	0	0	—	15.2	−0.2	17	13	15	+1	77	0	243	180
180	5	12	02	0	0	—	15.3	−1.0	17	15	12	0	88	0	214	154
140	2	10	02	0	0	—	15.6	+0.4	20	15	12	0	73	0		100
180	2	10	00	0	0	—	15.2	−0.3	21	14	13	+2	65	0	138	92
00	0		00	0	0	—	15.8	+0.2	19	13	13	+3	68	0	68	47
130	6	20	02	0	0	—	15.8	0.0	19	9	12	+3	52	0	79	34
160	2	10	00	0	0	—	15.2	−0.3	19	12	13		64	0	58	
40	1	10	02	0	0	—	14.7	−0.9	17	13	12	+2	77	0	53	24
160	10	20	01	0	2	Ci	15.0		23	6	15		39	0	48	
100	10	10	02	0	1	Ci	14.7	−1.7	22	9	14	+2	44	0	53	
									22	12	14	+3	53	0	43	22
00	0	14	01		1	Ci	15.6	−0.4	20	16	12	+3	78	0	53	21
00	0	10	02	0	1	Ci	15.0	−0.5	20	8	15	+3	46	0	36	24
00	0	20	02	0	2	CS	15.4	−0.5	22	13	13	+2	57	0	16	7
00	0	7	03	0	1	Ci	14.2	−2.7	18	9	11	+2	56	0	2	
00	0	12	02	0	0	—	15.9	+0.6	21	1	12	+2	27	0	dr	
00	0		01	0	2	Ac	16.0	+1.4	21	8	12	+2	44	0	1	
00	0	10	00	0	0	—	15.2	+0.9	23	8	13	0	38	0	dr	
00	0	12	02	0	0	—	14.4	0.0	22	8	12		41	0	0	
00	0	10	01	0	3	Ci	14.9	+1.0	20	3	14	−2	[illegible]	0	8	
360	6	15	03	0	2	Ci	14.4	−2.6	14	6	9	0	59	0	23	7
00	0	20	02	0	5	Ci	15.3	−1.0	18	8	11	+1	52	0	2	7
290	3	15	03	0	1	Ci	16.7		16	−1	10		32	0	dr	
170	2	15	02	0	0	—	16.4	+1.0	16	−6	9	−3	22	0	1	
50	2	12	03	0	1	Ci	13.8	−1.1	19	5	10	−3	40	0	3	
00	0	20	00	0	0	—	15.2	−0.4	20	11	12	−1	56	0	28	14
350	21	22	03	0	1	Ci	14.4	−0.5	23	8	13	0	38	0	dr	
310	6	20	03	0	1	Cs	14.5		25	7	18	0	32	0	dr	4
340	5	20	03	0	2	Ac, Ci			25	14	16		51	0		
360	4	20	03	1	4	Cs	15.4		18	3	14		37	0		
20	13	24	03	0	2	Ci	11.9		23	−2	17		19	0		
70	1	21	03	1	7	Cs	12.5		23	1	18		24	0		
20	9	20	02	2	3	Ci	10.9		24	7	19		34	0		
30	12	20	01	2	4	Ac	10.2		25	−1	21		18	0		
90	1	20	03	1	7	Ac	8.3		29	7	20		25	0		
50	19	20	01	2	6		10.2		27	−4	22		13	0		
60	5	20	02	1	5	Ac	11.1		28	8	23		29	0		
230	2	20	02	1	3	Ac	8.7		27	16	23		52	0		
40	13	20	02	2	7	Ac, Cs	9.4		26	−7	23		15	0		
320	4	30	02	2	7	Ac	11.7		23	9	18		41	0		
30	7	50	02	2	8	Ac, Cs	10.7		25	−5	23		14	0		
310	7	30	02	2	7	Ac	10.6		25	19	23		70	0		
220	3	20	02	2	7	Cu, Sc, Ac	9.9		23	20	22		84	1		
220	4	24	03	2	7	Ac	10.9		25	21	22		74	0.3		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3		27-3	
TIME	15		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	16	350	8	110	3	320	3	60	3	280	13	180	3	160	4	120	4	30	3	40	11
600 m.	340	11	350	3	190	4	320	3	30	4	260	11	270	5	160	4	50	4	40	5	20	7
1000 m.	240	11	230	6	220	5	320	3	40	3	250	9	250	8	170	5	10	4	40	10	350	9
1500 m.	250	15	220	11	230	9	10	8	50	5	240	12	250	10	90	7	40	6	30	10	300	15
2100 m.	260	15	240	25			10	10	20	6	260	9	240	7	270	1					280	20
2400 m.	260	15							60	8	250	10	280	9	140	5					290	20
3000 m.	250	17									270	21	360	7	90	8					290	11
4000 m.	240	39											70	3	10	16						
5000 m.	250	50													80	25						
6000 m.	250	40																				

STATION	Alex.(A)		Cairo(A)		Minya		Aswan		Siwa		Dakhla		Kharga		Hurghada		Asyout		Luxor			
DATE	28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3			
TIME	2		2		2		2		2		3		3		2		2		2			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	15			90	15	350	4	90	26	140	14	50	9	320	17	90	12	340	7		
600 m.	80	15	70	17	80	5	360	17	110	31	140	16	80	9	320	22	40	9	330	2		
1000 m.	150	6	50	11	40	4	30	3	130	22	130	18	60	11	20	5	20	10	20	3		
1500 m.	180	7	110	14	120	3	50	10	200	17	110	19			80	9	70	7	40	4		
2100 m.			220	5	180	2	30	11	220	47	100	21			60	4	70	9	340	12		
2400 m.			260	9	30	2	40	9	210	32					360	5			30	13		
3000 m.			290	20					220	27					360	8			320	4		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		P. Said		Minya		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga		Hurghada		Cairo(A)	
DATE	28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	18	50	10	150	2	130	10	40	5	30	3	160	36	150	21	140	2	320	4	300	3
600 m.	80	16	140	12	140	9	140	10	30	4	30	2	160	46	140	30	80	8	40	2	40	3
1000 m.	110	16	110	9			130	14	60	3	80	7	160	39	160	25			60	16	100	6
1500 m.			150	9			150	13	110	5	70	6	160	15	130	43			80	8		
2100 m.			90	7					90	4									90	3		
2400 m.			110	6					140	6									120	3		
3000 m.			150	9															240	4		
4000 m																			280	12		
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						27-3																
TIME						15																
	ALT. m	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c	HUM %	WIND DIR.	WIND SPEED	ALT m	TEMP °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	19													
1000 mb						141	17		30	17										
950 mb																				
900 mb																				
850 mb						1506	11		350	12										
800 mb																				
700 mb						3096	0		250	18										
600 mb																				
500 mb						5684			250	36										
400 mb						7305	-32		250	40										
300 mb																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 28th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

N. of Delta: Fresh NE ly winds, strong on coast. Much low and medium clouds. Scattered rain on coast in the west. – S. of Delta and Middle Egypt: Winds veering to SE ly, moderate to fresh, strong at times with rising dust in scattered places. High clouds and some medium, increasing.
In Upper Egypt: Mainly clear. Light/moderate NE ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO {Time of Sunrise 03 16 UT; Sunset 16 30 UT}

A[illegible] slower than local time]

At 1200 on 27th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Sfc Pressure mb	Dry Bulb	Dew Point	Relative Humidity
62300	SALLOÛM	40	12	20	01	1	4	cu	15.7	19	14	73
303	SÎDI BARRANI	40	19	16	03	1	8	cu, sc	15.4	19	15	78
306	MATRUH (A)	360	10	16	01	0	1	sc	14.9	20	15	73
309	EL DAB'A			20	00	0	0	—	14.7	22	15	65
319	ALEXANDRIA	40	12	20	02	0	0	—	14.8	21	16	74
318	ALEXANDRIA (A)	10	8	12	01	0	0	—	14.1	24	16	61
330	DAMIETTA	140	2	20	03	0	3	Ac	14.8	27	11	37
333	PORT SAÏD (A)											
336	EL 'ARISH											
339	DAMANHÛR	180	2	20	02	0	1	ci	14.4	29	9	29
342	MANSÛRA	220	6		02	0	0	—	14.2	29	6	23
348	TANTA	180	3	20	02	0	0	—	14.0	29	6	23
360	SHEBÎN EL KÔM	220	5	20	00	0	0	—	13.8	30	1	16
354	ZAGAZIG	220	1	20	02	0	0	—	12.6	30	17	46
441	ISMA'ILIA											
366	CAIRO (A)	280	6	20	02	0	1	ci	12.9	30	1	16
372	CAIRO ALMÂZA (A)	250	9	20	02	0	1	ci	12.8	32	2	15
374	CAIRO EZBEKÎYA											
375	GIZA	270	2	10	02	0	1	ci	13.0	30	6	22
378	HELWÂN	00	0	20	02	1	1	ci	13.0	29	6	23
381	FAYOÛM	240	4	20	02	1	3	cs	13.5	31	11	29
387	MINYA (A)	00	0	12	03	0	2	ci	11.5	31	8	24
393	ASYOÛT (A)	270	3	16	02	0	1	ci	13.4	31	2	16
399	NAG HAMÂDI	00	0	10	02	0	2	Ac	15.5	31	7	22
402	QENA	~~00~~	0	20	00	0	0	—	13.3	30	5	21
405	LUXOR (A)	360	4	22	02	0	1	Ac, ci	12.4	31	5	19
414	ASWÂN	360	3	14	03	1	4	ci	11.7	32	-6	8
417	SÎWA	260	10	11	03	0	2	ci	13.1	30	-4	11
420	BAHARÎYA	220	8	20	02	2	6	ci	12.5	32	11	28
423	FARAFRA	140	2	20	01	0	2	ci	14.3	32	7	21
432	DAKHLA	250	2	22	02	0	1	ci	14.4	31	1	15
435	KHARGA	00	0	20	02	0	0	—	12.2	32	0	13
450	SUEZ	160	2	50	03	0	1	cu	13.4	24	12	47
459	TÔR											
462	HURGHÂDA	40	8	22	01	0	1	ci	13.6	26	14	48
465	QUSEIR	30	7	20	02	0	1	cs	13.4	26	14	48
641	PORT SÛDÂN	40	14	20	03	1	4	ci	11.1	28	21	66
600	WÂDI HALFA	360	10	20	03	2	0	—	10.9	31	3	17
640	ABU HAMAD	90	2	24	03	1	1	ci	8.1	33	-2	10
660	KAREIMA	30	3	21	01	2	6	cs	8.1	34	-3	9
680	'ATBARA	20	6	20	03	1	6	cs	5.9	35	-1	10
721	KHARTOÛM	40	5	20	02	2	7	cs	6.0	36	6	15
730	KASSALA	360	5	20	02	1	4	ci	3.1	38	7	15
751	WÂD MEDANI	310	9	20	02	1	2	cu	4.7	37	0	10
801	RENK	230	5	20	02	0	3	cs	5.5	40	0	11
802	ROSEIRES	180	5	20	02	1	3	ci	4.1	36	11	31
771	EL OBEID	90	3	20	02	2	6	Ac, cs	5.2	35	-1	10
760	EL FASHER	160	4	30	01	2	7	Ac, cs	6.9	33	0	12
770	GENEINA	190	10	50	03	2	7	Ac, cs	7.6	33	8	21
840	MALAKÂL	240	12	20	01	2	7	Ac, ci	7.5	34	15	32
880	WÂU	200	6	20	02	2	7	Ac	7.8	31	19	49
941	JUBA	310	4	20	02	6	7	Ac	9.4	23	22	94

At 1800 on 27th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure mb	Dry Bulb	Dew Point	Maximum	Diff.	Rel. Humidity	Rainfall
62300	SALLOÛM	270	18	12	02	2	8	Sc, Ac	16.2	17	14	20	-3		0
303	SÎDI BARRANI	50	17	12	01	1	4	Sc, ci	16.3	16	14	19		88	0
306	MATRUH (A)	20	16	10	01	0	2	cu, sc	16.4	16	14	20		88	0
309	EL DAB'A	20	13		00	0	5	cu	16.1	17	17	22		97	0
319	ALEXANDRIA	40	12	20	02	0	0	—	15.4	18	16	26	+4	88	0
318	ALEXANDRIA (A)	30	10	10	02	0	2	ci	15.4	18	16	27	+6	88	0
330	DAMIETTA	40	2	4	01	0	2	Ac	15.1	19	14	27	+6	73	0
333	PORT SAÏD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	1	ci	14.6	19	16	31	+7	83	0
342	MANSÛRA	270	5		02	0	0	—	14.6	20	20	31	+6	97	0
348	TANTA	60	7	20	02	0	0	—	14.2	18	15	30	+4	83	0
360	SHEBÎN EL KÔM	220	2	10	00	0	0	—	13.3	23	8	30		38	0
354	ZAGAZIG														
441	ISMA'ILIA														
366	CAIRO (A)	110	8	12	01	0	0	—	12.7	24	4	30		28	0
372	CAIRO ALMÂZA (A)	60	11	12	01	0	0	—	13.1	25	4	32	+8	26	0
374	CAIRO EZBEKÎYA											32	+6		
375	GIZA	60	3	35	01	2	0	—	12.8	25	0	31	+5	19	0
378	HELWÂN	00	0	10	00	1	0	—	13.1	25	5	30	+4	28	0
381	FAYOÛM														
387	MINYA (A)	200	4	20	01	0	0	—	11.4	22	8	32	+5	41	0
393	ASYOÛT (A)	00	0	8	01	0	0	—	12.4	26	2	32	+5	21	0
399	NAG HAMÂDI														
402	QENA														
405	LUXOR (A)	00	0	12	02	0	0	—	11.7	24	7	32		34	0
414	ASWÂN														
417	SÎWA	20	6	14	01	0	1	ci	16.6	23	0	31	+4	22	0
420	BAHARÎYA	320	2	10	02	1	0	—	13.0	24	-1	33	+6	19	0
423	FARAFRA	00	0	12	00	0	0	—	14.6	21	-3	33		20	0
432	DAKHLA	190	2	8	02	0	0	—	12.6	27	-3	32	+2	14	0
435	KHARGA	00	0	9	02	0	0	—	11.5	23	1	33	+3	24	0
450	SUEZ	60	2	10	01	0	0	—	13.0	23	8	31	+5	38	0
459	TÔR														
462	HURGHÂDA	00	0	10	01	0	0	—	12.7	21	10	27	+4	50	0
465	QUSEIR	290		20	01	0	0	—	13.0	22	11	27	+1	50	0
641	PORT SÛDÂN	330	4	20	01	2	1	Ac	12.0	24	19	29		74	0
600	WÂDI HALFA	20	3	20	01	2	3	ci	11.3	27	3	33		22	0
640	ABU HAMAD	340	5	24	01	2	4	ci	9.1	28	-5	34		11	0
660	KAREIMA	40	5	21	01	2	0	—	9.4	30	-3	35		11	0
680	'ATBARA	360	7	20	01	1	0	—	7.9	29	1	36		17	0
721	KHARTOÛM	360	5	20	01	2	2	Ac, ci	7.0	32	9	37		24	0
730	KASSALA	360	11	20	01	2	0	—	6.6	29	7	39		25	0
751	WÂD MEDANI											38			
801	RENK														
802	ROSEIRES														
771	EL OBEID	360	2	20	01	2	4	Ac, ci	6.6	29	2	36		18	0
760	EL FASHER	00	0	30	03	2	7	Ac, cs	7.4	29	0	34		15	0
770	GENEINA	160	2	30	01	2	3	Ac	8.6	28	8	34		29	0
840	MALAKÂL	180	11	20	03	2	7	Ac, ci	8.3	30	17	35		46	0
880	WÂU	180	5	20	60	6	8	As, ci	9.8	26	20	32		70	dr
941	JUBA	00	0	24	13	2	7	Ac	9.3	22	21	28		94	21

At 0600 Thursday 28th March 1957

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb	Dry Bulb °C	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	290	21	[illegible]	02	2	8	Ns, Ac	14.2	-1.3	16	11	16	+4	72	0	248	
303	SÎDI BARRANI	[illegible]	23	14	02	2	8	Sc, As	14.1		16	11	15		72	0	243	
306	MATRUH (A)		17	20	02	2	7	cu, sc	14.9		16	11	15		72	0	249	
309	EL DAB'A		13	10	00	0	6	cu	14.0		18	13	12		73	0	203	
319	ALEXANDRIA	[illegible]	14	20	03	0	3	cu	14.7		18	15	16	+2	83	0	276	180
318	ALEXANDRIA (A)	[illegible]	11	12	03	0	4	sc	14.4	-1.9	18	15	14	+2	83	0	243	137
330	DAMIETTA	20	5	10	01	0	1	Ac	15.2	0.0	19	16	15	+3	83	0	214	100
333	PORT SAÏD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	40	5	10	02	0	2	ci	14.3	-1.1	19		13	+2		0	138	
342	MANSÛRA	00	0		00	0	0	—	14.6	-0.9	19	16	14	+3	83	0	68	
348	TANTA	40	5	20	02	0	0	—	13.7	-0.1	17	16	12	+2	88	0	79	
360	SHEBÎN EL KÔM	20	2	10	00	4	0	—	13.8	-1.7	17	13	14		77	0	58	
354	ZAGAZIG	[illegible]	1	10	02	0	0	—	13.4	-2.1	17	13	~~14~~	+4	77	0	53	
441	ISMA'ILIA																	
366	CAIRO (A)	30	1	10	02	0	1	ci	12.7	[illegible]	19	9	14		52	0	48	
372	CAIRO ALMÂZA (A)	[illegible]	0	15	02	0	1	ci	12.9	-3.5	20	13	15	+3	64	0	53	
374	CAIRO EZBEKÎYA										20	14	14	+2	69	0	43	22
375	GIZA	00	0	5	01		0	—	12.8	-3.2	17	14	12	+3	83	0	53	21
378	HELWÂN	00	0	4	02	0	1	ci	13.0	-2.5	20	8	14	+2	46	0	36	24
381	FAYOÛM	330	4	20	02	0	0	—	15.2	-0.6	21	13	13	+2	61	0	16	7
387	MINYA (A)	200	2	6	01	1	3	ci	11.8	-5.1	16	5	12	+3	49	0	2	
393	ASYOÛT (A)	00	0	14	02	1	5	cs	12.9	-2.3	20	4	12	+1	35	0	dr	
399	NAG HAMÂDI	00	0	4	01	0	2	Ac	13.8	-0.7	19	4	11	+1	37	0	1	
402	QENA	270	1	10	00	0	0	—	13.8	-0.4	22	6	13	0	36	0	dr	
405	LUXOR (A)	00	0	22	03	1	5	cs	13.0	-1.3	21	5	13		35	0	0	
414	ASWÂN	00	0	14	02	0	3	ci	12.2	-1.6	22	3	16	0	29	0	8	
417	SÎWA	100	20	14	03	1	6	cs	10.3	-6.7	17	11	16	+6	68	0	23	7
420	BAHARÎYA	00	0	20	02	0	0	—	11.7	-4.6	20	13	12	+2	64	0	2	7
423	FARAFRA	00	0	15	03	0	2	ci	12.5		16	-16	10		10	0	dr	
432	DAKHLA	00	0	20	03	1	5	ci	14.4	-0.9	16	-5	11	-1	24	0	1	
435	KHARGA	00	0	12	01	2	5	ci	11.5	-3.4	20	3	12	-1	33	0	3	
450	SUEZ	00	0	20	00	0	2	cu	13.4		20	11	12	-1	56	0	36	14
459	TÔR																	
462	HURGHÂDA	320	1	22	02	2	7	ci	13.0		23	5	14	+1	32	0	dr	
465	QUSEIR	300	8	20	01	0	6	cs	12.6	-0.8	24	3	18	0	26	0	dr	4
641	PORT SÛDÂN	340	1	20	01	1	3	Ac, ci	12.3		25	16	17		58	0		
600	WÂDI HALFA	00	0	20	02	0	5	cs	12.6		20	0	18		26	0		
640	ABU HAMAD	00	0	24	02	2	7	cs	11.9		21	-2	17		21	0		
660	KAREIMA	70	2	21	03	0	4	Ac, cs	11.6		23	0	19		22	0		
680	'ATBARA	350	6	20	03	1	6	cs	10.7		23	-2	19		19	0		
721	KHARTOÛM	50	10	20	02	1	4	Ac	9.5		27	1	23		19	0		
730	KASSALA	80	1	20	02	1	4	Ac	8.9		29	4	19		20	0		
751	WÂD MEDANI	360	5	20	02	2			11.5		25	6	17		30	0		
801	RENK																	
802	ROSEIRES	50	2	20	02	1			10.9		23	19	20		79	0		
771	EL OBEID	170	3	20	02	1	4	Ac	9.0		28	-2	20		14	0		
760	EL FASHER	10	4	30	03	2	7	Ac, cs	11.9		23	0	23		22	0		
770	GENEINA	00	0	30	02	2	7		12.4		25	13	23		48	0		
840	MALAKÂL	300	5	20	01	2	4	Ac, cs	12.2		26	[illegible]	25		70	0		
880	WÂU							Ns										
941	JUBA	180	3	24	03	1	7	St, Ac	13.6		23		22		94	21		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Farafra		Dakhla		Kharga		Hurghada			
DATE	28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3		28-3			
TIME	14		14		14		14		14		15		14, 15		14		14		14			
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	70	30	60	23	160	17	70	13	280	8	330	6	230	25	210	18	220	9	110	10		
600 m.	90	31	70	27	150	17	70	17	290	9	270	5	230	26	210	21	210	8	110	10		
1000 m.	150	25	80	33	170	20	70	26	290	7	250	5	230	28	220	30	200	3	110	6		
1500 m.	170	20	90	45	190	16	80	26	330	4	210	9	240	30			210	10	180	3		
2100 m.	210	28			180	13	100	11	310	5	120	10							350	10		
2400 m.					250	5	110	10	330	6	120	9							350	10		
3000 m.					100	4					220	9							290	15		
4000 m.											250	10							240	11		
5000 m.											240	19										
6000 m.											270	30										

STATION	Minya		Asyout		Siwa		Dakhla		Kharga		Hurghada							
DATE	29-3		29-3		29-3		29-3		29-3		29-3							
TIME	2		2		2		4		3		2							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	270	16	50	8	310	13	320	18	340	8	220	12						
600 m.	270	24	40	6	330	25	320	19	330	10	220	13						
1000 m.	270	31	60	14	330	21			310	15	220	7						
1500 m.	290	22	70	7	310	25					220	11						
2100 m.					320	21					230	16						
2400 m.											220	10						
3000 m																		
4000 m.																		
5000 m.																		
6000 m.																		

STATION	P. Said		Minya		Asyout		Aswan		Siwa		Farafra		Dakhla		Kharga		Hurghada					
DATE	29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3					
TIME	8		8		8		8		8		8		8		8		8					
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	200	37	270	17	300	6	360	9	320	13	200	9	310	18	320	13	350	13				
600 m.	210	42	270	17	300	14	340	10	330	13	200	16			330	11	290	10				
1000 m	210	44	260	17	280	19			320	17	200	21			330	10	200	7				
1500 m			260	18					320	21	200	22					210	3				
2100 m.			290	13					300	29							270	5				
2400 m			230	14					300	29												
3000 m			230	10																		
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION													Aswan									
DATE													28-3									
TIME													15									
	ALT. m.	TEMP. °C.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface											111	32		360	5							
1000 mb.																						
950 mb																						
900 mb.																						
850 mb.											1528	20		210	9							
800 mb.																						
700 mb.											3166	6		220	9							
600 mb.																						
500 mb											5823	-12		240	26							
400 mb											7496	-24		260	58							
300 mb.											9549	-35		250	74							
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 29th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 [illegible] development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged — during last hour
03 Cloud forming or developing — during last hour
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s) — within sight during past hour
20 Drizzle (not freezing) — not falling as shower (s) — during preceding hour not at time of observation
21 Rain (" ") — not falling as shower (s) — during preceding hour not at time of observation
22 Snow — not falling as shower (s) — during preceding hour not at time of observation
23 Rain and snow — not falling as shower (s) — during preceding hour not at time of observation
24 Freezing drizzle or rain — not falling as shower (s) — during preceding hour not at time of observation
25 Shower (s) of rain — during preceding hour not at time of observation
26 " of snow, or of rain and snow — during preceding hour not at time of observation
27 " " hail, " " " " hail — during preceding hour not at time of observation
28 Fog — during preceding hour not at time of observation
29 Thunderstorm with or without precipitation — during preceding hour not at time of observation
30 Slight or moderate duststorm or sandstorm — decreased — during preceding hour
31 Slight or moderate duststorm or sandstorm — no change — during preceding hour
32 Slight or moderate duststorm or sandstorm — increased — during preceding hour
33 Severe duststorm or sandstorm — decreased — during preceding hour
34 Severe duststorm or sandstorm — no change — during preceding hour
35 Severe duststorm or sandstorm — increased — during preceding hour
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles — with or without fog
77 Granular snow — with or without fog
78 Isolated star like snow crystals — with or without fog
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain — Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain — Thunderstorm during preceding hour but not at time of observation
93 Slight snow * — Thunderstorm during preceding hour but not at time of observation
94 Moderate or heavy snow * — Thunderstorm during preceding hour but not at time of observation
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 " " " with " — Thunderstorm at time of observation
97 " heavy without hail — Thunderstorm at time of observation
98 " with duststorm or sandstorm — Thunderstorm at time of observation
99 " heavy with hail — Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature continues in Lower Egypt and Cairo, extending later to Upper Egypt. Fresh to strong winds, veering from SWly to NWly with rising dust in scattered places. Low clouds increasing on coasts with occasional showers, specially in the west.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 48; Sunset 16 12

All Times are Univers[al] ... local time]

At 1200 on 28th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
SALLOÛM	40	22	16	02	2	6	NS,AS	11.7	17	12	72
SÎDI BARRÂNI	60	28	15	02	2	8	Sc,AS	9.7	17	11	68
MATRÛH (A)	60	18	14	02	2	7	Sc	11.1	17	13	77
EL DAB'AA	20	19	10	00	0	8	AC	9.9	19	14	73
ALEXANDRIA	40	16	20	03	0	8	AS,Ci	11.6	20	15	73
ALEXANDRIA (A)	50	17	12	02	2	7	Ci	11.1	23	16	65
DAMIETTA	70	13	20	00	0	0	—	12.4	20	15	73
PORT SA'ÎD (A)	60	23	16	02	0	0	—	12.6	19	15	78
EL 'ARISH											
DAMANHÛR	40	9	10	01	1	5	CS	12.0	26	14	48
MANSÛRA	40	6		02	0	0	—	12.2	26	14	48
TANTA											
SHEBÎN EL KÔM	40	5	20	00	0	0	—	11.0	29	6	23
ZAGAZIG	40	1	20	02	0	0	—	10.3	29	16	46
ISMA'ILIA											
CAIRO (A)	20	9	20	03	0	2	Ci	9.5	30	2	17
CAIRO ALMÂZA (A)	330	7	20	02	0	0	...	10.0	31	7	22
CAIRO EZBEKÎYA											
GIZA	90	5	10	03	0	1	Ci	10.3	30	10	29
HELWÂN	30	0	4	62	0	0	—	9.1	32	2	15
FAYOÛM	330	4	20	02	0	0	—	9.5	34	6	18
MINYA (A)	200	11	10	02	0	1	Ci	7.4	33	3	15
ASYOÛT (A)	170	7	16	02	0	3	Ci	9.2	34	-14	4
NAG' HAMÂDI	290	3	16	01	0	3	AC,CS	9.8	32	10	26
QENA	130	2	20	10	5	3		10.7	33	10	24
LUXOR (A)	350	3	22	03	1	5	CS	9.1	34	7	19
ASWÂN	320	2	20	03	2	0	CS	9.4	33	0	12
SÎWA	240	30	0.5	33	3	9	—	3.1	32	-10	6
BAHARÎYA	180	9	10	07	3	7	CS	8.0	34		
FARAFRA	260	13	8	06	3	0	—	9.4	34		
DAKHLA	180	5	20	01	2	5	Ci	11.0	33	-5	8
KHARGA	200	10	15	01	2	7	Ci	8.4	32	-6	8
SUEZ	180	1	50	01	0	0	—	10.6	31	3	17
TÔR											
HURGHÂDA	120	1	22	02	2	6	Ci	10.8	30	6	22
QUSEIR	340	11	20	02	2	6	CS	11.4	27	11	37
PORT SÚDÂN	80	9	20	02	2	6	Ci	10.5	26	21	74
WÂDI HALFA	300	5	20	02	1	6	AC	9.8	33	3	15
ABU HAMAD	00	0	24	01	2	5	AC,Ci	6.9	35	-3	9
KAREIMA	130	1	21	02	2	7	AC,Ci	8.4	31	5	19
'ATBARA	330	7	20	03	2	8	AC,CS	5.6	36	-5	7
KHARTOÛM	240	6	20	03	1	7	Cu,AC,Ci	5.1	38	5	13
KASSALA	20	3	20	03	0	3	Cu,Ci	3.3	39	2	10
WÂD MEDANI	310	5	20	02	1	3	Ci	4.5	38	3	11
RENK	180	5	20	02	1	6	Cu	6.7	38	17	29
ROSEIRES	330	2	20	02	1	5	Cu	4.2	35	15	30
EL OBEID	70	6	20	01	1	3	AC,Ci	4.6	36	-3	8
EL FASHER	200	2	30	02	2	7	AC,CS	5.9	34	5	16
GENEINA	130	10	10	01	6	7	Cu,AC,Ci	8.2	32	11	28
MALAKÂL	180	12	16	95	9	8	Cb,AC,Ci	12.4	21	11	53
WÂU	200	2	20	02	2	7	AC,AS	8.2	29	17	49
JUBA	50	5	24	13	2	7	Cb,AC	8.3	30	20	55

At 1800 on 28th

Index No.	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal		
62300	SALLOÛM	20	24	10	81	8	8	Cb	11.1	14	12	17	-6	88	[illegible]
302	SÎDI BARRÂNI	350	28	10	82	9	8	Cb	8.2	15	13	17		88	4
306	MATRÛH (A)	30	21	12	01	2	7	NS	6.3	17	14	18		82	0
309	EL DAB'AA	90	20		00	0	7	AC,AS	5.1	18	15	19		80	0
319	ALEXANDRIA	90	22	20	01	1	0	—	6.4	18	10	21	-1	60	0
318	ALEXANDRIA (A)	90	25	10	02	2	7	CS	5.6	19	13	23	+2	68	0
330	DAMIETTA	70	9		02	0	0	—	8.2	18	15	21	0	83	0
333	PORT SA'ÎD (A)	60	25	14	01	0	0	—	9.5	18	15	21	+1	83	0
336	EL 'ARISH														
339	DAMANHÛR	40	9	10	01	3	0	—	8.4	18	13	26	+2	73	0
342	MANSÛRA	90	9		00	2	0	—	9.1	18	14	26	+1	78	0
348	TANTA	90	11	20	02	0	0	—	9.0	19	14	28	+2	78	0
360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	9.3	18	10	29		6	0
354	ZAGAZIG	220	1	10	02	0	0	—	7.2	21	15	29	+3	69	0
441	ISMA'ILIA														
366	CAIRO (A)	110	16	8	01	0	2	Ci	7.4	21	8	31		44	0
372	CAIRO ALMÂZA (A)	50	20	6	07	6	2	AS	7.2	22	9	32	+8	44	0
374	CAIRO EZBEKÎYA											33	+7		
375	GIZA	70	10	8	01	0	0	—	7.0	23	10			44	0
378	HELWÂN	40	16	4	02	1	1	Ci	6.7	23	8	33	+7	28	0
381	FAYOÛM	330	4	20	02	0	0	—	6.7	25	9	35	+8	30	0
387	MINYA (A)	150	5	8	02	0	0	—	5.5	21	7	34	+7	41	0
393	ASYOÛT (A)	180	5	10	02	0	1	Ci	8.4	28	-10	34	+7	8	0
399	NAG' HAMÂDI	00	0	4	01	0	2	AS	9.9	24	3	33	+4	20	0
402	QENA	00	0		00	0	0	—	9.6	23	10	34	+1	44	0
405	LUXOR (A)	00	0	12	01	0	1	Ci	8.9	24	7	34		34	0
414	ASWÂN	00	0	14	01	2	3	Ci	8.6	28	1	35	+2	18	0
417	SÎWA	340	30	0.5	33	3	7	AS	10.1	18	10	33	+6	60	0
420	BAHARÎYA	270	12	0.2	32	3	—	—	6.6	27	7	34	+7	28	0
423	FARAFRA			0.1	32	3	—	—	8.4	24	-5	34		15	0
432	DAKHLA	180	5	9	01	1	1	Ci	10.0	25	-8	34	+3	11	0
435	KHARGA	00	0	9	02	0	0	—	8.3	23	2	35	+4	26	0
450	SUEZ	00	0	10	02	0	0	—	8.2	26	10	32	+6	37	0
459	TÔR														
462	HURGHÂDA	150	1	12	01	0	2	Ci	9.3	23	9	31	+8	41	0
465	QUSEIR	00	0	20	02	1	3	CS	10.3	22	13	28	+2	57	0
641	PORT SÚDÂN	30	1	20	01	2	3	Ci	10.8	24	19	28		74	0
600	WÂDI HALFA	300	7	20	02	2	5	AC,AS	9.4	28	0	35		16	0
640	ABU HAMAD	310	5	24	01	2	3	AC	8.1	29	-5	35		11	0
660	KAREIMA	20	6	21	02	2	7	AC,AS	8.1	32	-3	37		10	0
680	'ATBARA	10	4	20	01	2	4	AC,Ci	6.9	32	-3	37		10	0
721	KHARTOÛM	340	3	20	02	2	7	AC,AS	6.6	33	10	39		24	0
730	KASSALA	350	1	20	01	2	3	AC	6.5	29	7	40		25	0
751	WÂD MEDANI											39			
801	RENK														
802	ROSEIRES											38			
771	EL OBEID	20	6	20	02	1	4	AC,Ci	6.2	31	-1	38		12	0
780	EL FASHER	340	1	30	02	2	7	AC,AS	6.9	30	8	35		25	0
770	GENEINA	00	0	50	02	2	7	AC,AS	9.5	25	19	33		70	5
840	MALAKÂL	230	5	20	65	9	7	Sc,AC,Ci	10.8	22	19	30		83	19
880	WÂU	80	3	20	01	1	2	AC	8.2	28	18	32		55	0
941	JUBA	250	1	24	13	2	5	Cb,AC	11.7	23	21	31		89	0

At 0600 on FRIDAY 29th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	320	12	18	02	2	6	Sc,AC	12.4	-3.1	14	8	12	0	67	7	255	
SÎDI BARRÂNI	330	30	15	02	2	7	Sc,AS	10.4		13	11	12		88	8	251	
MATRÛH (A)	290	25	15	02	2	7	Cb	8.4	-7.5	15	13	12		88	6	255	
EL DAB'AA	240	30	10	00	0	7	Cu	13.2		16	12	13		77	0	203	
ALEXANDRIA	220	40	20	03	0	8	Cu,Sc	3.4	-11.8	16	12	15	+1	77	0	276	181
ALEXANDRIA (A)	240	44	4	07	2	9	—	4.2	-12.1	17	12	17	+5	72	0	243	137
DAMIETTA	180	9	4	07	2	6	Cu	6.2	-8.9	18	13	15	+3	73	0	214	101
PORT SA'ÎD (A)	230	33	3	07	0	2	Sc	6.4	-9.7	18	12	18	+4	68	0		
EL 'ARISH																	
DAMANHÛR	230	30	<1	35	3	6	AC,AS	4.7	-10.7	18	10	16	+5	60	0	138	93
MANSÛRA	220	19	<1	32	3	—	—	6.3	-9.2	18	12	15	+4	68	0	68	47
TANTA	220	25	20	03	2	8	Ci	7.4	-8.3	18	10	16	+6	60	0	79	34
SHEBÎN EL KÔM	250	13	3	07	4	0	—	7.5	-7.9	19	12	17		64	0	58	
ZAGAZIG	220	3	10	02	2	8	Sc	5.5	-10.0	18	13	16	+6	73	0	53	24
ISMA'ILIA																	
CAIRO (A)	260	26	5	07	3	6	Sc	8.4		18	10	14		60	0	48	
CAIRO ALMÂZA (A)	210	34	<1	35	3	5	Sc	8.1	-8.3	18	11	17	+5	64	0	53	
CAIRO EZBEKÎYA										17	9	15	+3	60	0	43	22
GIZA	250	16	5	07		6	Sc	10.3	-5.6	17	10	14	+5	64	0	53	21
HELWÂN	200	19	10	02	2	5	St	10.0	-5.4	16	10	16	+4	68	0	36	24
FAYOÛM	270	9	20	02	0	1	Cu,Sc	11.6	-4.2	19	11	15	+4	60	0	16	7
MINYA (A)	290	9	10	01	0	1		11.5	-5.3	18	9	16	+7	56	0	2	
ASYOÛT (A)	270	10	10	02	2	8	AC,AS	13.7	-1.4	19	4	18	+7	37	0	dr.	
NAG' HAMÂDI	00	0	4	03	0	4	AC,CS	14.6	+0.2	20	11	13	+3	56	0	1	
QENA	290	4	10	00	6	0	—	13.4	-0.7	21	10	14	+1	50	0	dr.	
LUXOR (A)																	
ASWÂN																	
SÎWA	330	13	16	02	2	3	NS	14.9	-2.0	13	7	12	+2	67	0	23	7
BAHARÎYA	270	11	10	03	3	7	St	13.2	-3.1	16	10	14	+4	68	0	2	7
FARAFRA	320	14	6	07	0	5	NS	16.2		16	-6	12		22	0	dr.	
DAKHLA	280	10	9	02	0	0	—	15.2	-0.1	17	5	14	+2	46	0	1	
KHARGA	330	1	10	02	1	0	—	11.7	-3.1	20	7	16	+3	43	0	3	
SUEZ	240	2	20	00	6	6	AC,AS	9.1	-6.6	21	11	18	+5	53	0	36	14
TÔR																	13
HURGHÂDA	360	9	22	02	2	5	CS	9.1	-5.7	24	19	14	+1	74	0	dr.	
QUSEIR	00	0	20	03	1	7	CS	10.0	-3.3	24	15	19	+1	57	0	dr.	4
PORT SÚDÂN	00	0	20	02	2	7	AC,AS	11.5		23	16	19		65	0		
WÂDI HALFA	360	12	6	06	2	7	AC,AS	12.9		23	2	19		26	0		
ABU HAMAD	00	0	24	03	2	8	AC,AS	11.1		25	7	23		32	0		
KAREIMA	60	5	21	21	6	8	AC,AS	16.5		25	3	24		24	dr		
'ATBARA	10	6	20	02	2	7	AC,AS	9.7		29	-5	25		11	0		
KHARTOÛM	70	7	20	03	1	7	AC,CS	10.0		27	5	25		25	0		
KASSALA	00	0	20	01	2	7	AC,AS	9.0		31	7	22		22	0		
WÂD MEDANI	190	9	20	02	2	8	AC,AS	11.0		26	17	22		58	0		
RENK																	
ROSEIRES	180	5	20	02	2	8	Cu	11.5		27	20	23		66	0		
EL OBEID	00	0	20	03	2	6	Cc	10.2		27	15	22		48	0		
EL FASHER	30	3	30	02	2	7	AC,AS	10.5		26	12	23		42	dr		
GENEINA	50	5	20	02	2	8	Sc	9.8		29	-3	25		12	0		
MALAKÂL	100	4	20	01	6	7	AC	12.7		23	20	21		84	18		
WÂU	180	3	20	01	2	6	AC,AS	10.6		25	19	22		70	0		
JUBA	130	2	24	03	1	5	AC,Ci	12.6		24	21	20		84	0		

REMARKS — DATE

* 9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla		Kharga		Harghada	
DATE	29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3		29-3	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	240	35	310	24	250	10	300	33	290	11	330	4	310	15	300	16	320	15	330	10	50	7
600 m	220	45	300	18	260	10	290	26	290	14	290	6	300	7	310	20	310	12	310	17	360	3
1000 m			300	23	280	5	300	25	280	11	270	9	300	9	300	16	310	13	310	20	160	3
1500 m			300	30					280	11	260	16	300	18	300	15	320	15	300	12		
2100 m			270	43					220	16	240	18	280	16	290	26	260	20				
2400 m			250	66					220	38	230	21	280	17								
3000 m			250	83							260	22										
4000 m											240	22										
5000 m											250	22										
6000 m											250	39										

STATION	Salloum		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla				Kharga		Harghada	
DATE	30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3				30-3		30-3	
TIME	2		2		2		2		2, 15		2		2		3				8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	290	23	250	19	320	19	320	14	320	13	340	16	290	13	320	16			340	8	320	27
600 m	310	17	270	28	360	17	320	15	320	19	340	26	300	15	320	26			350	10	340	22
1000 m	310	26	270	19	300	22	320	15	320	28	320	21	290	31	310	26			360	8	290	13
1500 m	300	24	210	4			290	23	290	20			280	23	290	30			310	15	290	38
2100 m							280	28	260	20			300	26								
2400 m													290	28								
3000 m													290	23								
4000 m																						
5000 m																						
6000 m																						

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	280	21	250	16	270	15	300	11	320	16	330	23	300	17	290	17	310	13	300	3	340	27
600 m	280	30	260	19	260	8	300	18	320	10	310	10	330	23	300	12	300	19	290	4	340	23
1000 m	290	30	250	19	270	11	300	25			320	27	320	22	300	16	280	16	310	17	340	17
1500 m	270	31					290	19			330	30	250	16	290	18	280	21	300	21	340	17
2100 m											330	37			290	24			320	25		
2400 m											330	49							310	10		
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Mathruh					Aswan									
DATE	29-3					29-3					29-3									
TIME	14					15					14, 30									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	23				25	15				111	31		360	5					
1000 mb	88	23		320	30	115	14													
950 mb																				
900 mb																				
850 mb	1468	9		300	30	1456	2				1538	17		280	16					
800 mb																				
700 mb						3064	-6				3153	4		260	22					
600 mb																				
500 mb						5542	-26				5800	-12		260	26					
400 mb						7143	-30				7478	-22		250	78					
300 mb						9082	-41				9540	-35		240	96					
200 mb						11680	-54				12220	-58								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 30th MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour, not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour, not at time of observation
22	Snow	not falling as shower (s) – during preceding hour, not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour, not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour, not at time of observation
25	Shower (s) of rain	during preceding hour, not at time of observation
26	" of snow, or of rain and snow	during preceding hour, not at time of observation
27	" " hail, " " " " hail	during preceding hour, not at time of observation
28	Fog	during preceding hour, not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour, not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual fall in temperature continues in Lower Egypt and Cairo. Low clouds increasing sometimes. Light rain on N. coast, extending sometimes to scattered places inland. Moderate W/NW ly winds, fresh at times. In Upper Egypt: Gradual fall in temperature. Some low clouds in the north. Moderate N/NW ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 13 U.T. / " " Sunset 16 32 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 29th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperature Dry Bulb	Temperature Dew Point	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	30	12	18	02	2	8	Cu, Sc	13.9	17	9	15	9	17	-6	77	0
SIDI BARRANI	330	23	15	80	8	8	Cb, Ac	13.3	14	4	13	8	17		72	0.2
MATRUH (A)	330	20	16	02	8	7	Ns	12.8	14	13	13	9	18		77	4
EL DABAA	270	22	20	00	0	6	Cu	9.1	18	10	15	9	22		68	0
ALEXANDRIA	270	30	20	02	6	8	Cu, Sc	7.5	17	14	14	12	18	-4	88	0.3
ALEXANDRIA (A)	270	31	4	81	2	8	Cu, Sc	8.0	17	15	14	12	20	-1	88	0.2
DAMIETTA	200	30	4	07	2	8	As	6.4	21	11	16	12	22	+1	77	0
PORT SAID (A)	230	33	2	07	0	0	—	6.1	23	16	17	12	23	+3	72	0
EL 'ARISH																
DAMANHUR	270	19	3	07	3	4	Sc	8.7	22	7	16	10	22	-3	68	0
MANSURA	220	16	3	07	3	—	—	7.0	22	13	16	11	22	-3	72	0
TANTA	220	22	4	07	4	8	Co	7.6	23	8	16	10	23	-3	77	0
SHEBIN EL KOM	250	13	4	07	4	0	—	7.2	26	1	16	8	26	—	59	0
ZAGAZIG	220	4	20	02	2	8	Sc	7.4	25	13	16	12	25	-1	77	0
ISMA'ILIA																
CAIRO (A)	290	30	3	07	3	8	Sc, As	8.8	23	5	16	9	24		64	0
GIZA	240	28	4	07	1	4	Sc	8.8	27	6	17	9	24	-1	60	0
HELWAN													24	-2		
	200	18	15	07	—	8	—	9.0	28	7	16	10	23	-3	68	0
	250	20	1	81	3	6	Sc, Cu	9.5	23	5	16	10	24	-2	68	0
FAYOUM	270	9	20	02	1	4	Cu, Sc	11.0	24	8	19	10	25	-2	56	0
MINYA (A)	290	16	10	02	0	1	Cu	11.4	25	8	18	4	25	-2	40	0
ASYOUT (A)	280	12	18	02	0	0	—	12.5	24	7	19	2	26	-1	32	0
NAG' HAMADI	00	0	10	01	0	2	Ac	12.1	26	10	19	10	31	+2	60	0
QENA	290	7	20	00	7	0	—	11.8	28	13	19	13	29	-4	57	0
LUXOR (A)	290	6	12	03	1	0	Cs	10.7	27	11	22	10	30		47	0
ASWAN	340	12	3	07	0	9	—	10.5	30	4	19	2	32	-1	19	0
SIWA	320	17	16	01	1	3	Sc, Cu	14.7	20	4	17	2	22	-5	37	0
BAHARIYA	320	9	10	06	3	0	—	15.0	22	1	18	6	22	-6	46	0
FARAFRA	320	16	1	01	3	0	—	14.7	20	4	17	1	22		34	0
DAKHLA	290	14	14	02	0	0	—	14.4	24	2	20	2	25	-6	23	0
KHARGA	360	1	8	06	0	0	—	11.0	27	4	21	2	27	-4	29	0
SUEZ	340	2	50	01	0	3	Cu	7.6	20	1	22	6	27	+1	36	0
TOR																
HURGHADA	60	11	20	02	0	0	—	8.5	28	10	24	16	28	+5	61	0
QUSEIR	120	8	20	01	1	4	As, Cc	9.3	26	13	23	20	31	+5	84	0
PORT SUDAN	120	12	20	01	2	1	Ac, As	9.0	27	21	25	25	28		77	dr
WADI HALFA	340	3	4	06	2	0	As, As	11.7	30	3	27	6	31		27	0
ABU HAMAD	340	9	40	02	2	8	As, As	8.3	33	-1	27	5	33		25	dr
KAREIMA	20	12	21	02	6	8	As, As	9.4	33	-3	28	7	35		27	dr
ATBARA	350	7	30	01	2	5	As, Cs	5.8	38	1	30	-2	39		12	0
KHARTOUM	20	4	20	03	2	7	As, Cs	6.4	37	-1	32	10	39		26	0
KASSALA	00	0	20	02	2	7	As, Cs	4.7	37	3	29	6	39		23	0
WAD MEDANI																
RENK	230	5	20	02	1	0	Cu	7.0	38	12	21					
ROSEIRES	310	2	20	02	2	5		6.9	35	12	25					
EL OBEID	90	5	20	02	6	7	As, As	6.5	34	15	22	5	37		20	0
EL FASHER	10	1	50	03	6	8	Cu, As, Cs	4.6	35	9	25	8	35		29	dr
GENEINA											26	15	35		51	dr
MALAKAL	150	6	20	02	1	5	Cu, Ci	6.5	35	11	29	21	35		62	0
WAU	50	4	20	01	2	4	Cu, Ci	5.9	35	11	31	19	36		49	0
JUBA	40	5	24	01	1	4	Cu, Ac	5.9	33	17	31	21	35		62	0

At 0600 on SATURDAY 30th MARCH, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb.	Temperature Dry Bulb	Temperature Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total Oct. 1st	Rainfall Normal Total Oct. 1st
SALLOUM	220	16	12	28	1	7	Sc, Ac	16.2	-0.2	12	6	10	-2	67	0	255	
SIDI BARRANI	280	17	15	01	5	6	Sc	13.9		12	10	10		88	0.5	251	
MATRUH (A)	250	16	15	02	2	5	Cb	13.5	-2.3	12	9	9		82	4	259	
EL DABAA	200	20	10	00	0	6	Cu	12.9		13		11		88	0	203	
ALEXANDRIA	310	22	20	01	8	5	Cu, Sc	13.1	-2.0	14	10	12	-2	77	2	278	181
ALEXANDRIA (A)	280	19	12	03	8	6	Cu	12.7	-3.6	16	9	13	+1	64	2	245	137
DAMIETTA	220	5		50	2	7	Cu, Sc	12.8	-2.3	15	11	10	-2	77	dr	214	101
PORT SAID (A)	240	22	12	02	0	3	Cu, Sc, Ac	12.8	-3.3	15	11	13	-1	77	0		
EL 'ARISH																	
DAMANHUR	260	7	10	01	1	3	Ci	13.1	-2.2	16	10	11	0	68	0	138	93
MANSURA	220	2		03	1	7		13.8	-1.6	14	10	11	0	77	0	68	47
TANTA	220	1	20	02	0	0	—	14.8	-0.8	15	9	11	+1	68	0	79	34
SHEBIN EL KOM	290	5	10	00	0	0	—	14.3	-1.0	15	9	13		68	0	58	
ZAGAZIG	220	2	10	03	1	6	Cu	12.9	-2.5	15	9	11	+1	68	0	53	34
ISMA'ILIA																	
CAIRO (A)	320	12	12	02	0	2	Sc	14.7		14	8	14		67	0	48	
GIZA	250	14	25	01	1	0	—	14.6	-1.8	15	8	12	0	62	0	53	
HELWAN										16	9	12	0	64	0	43	22
	290	9	8	01	1	1	Cu	15.5	-0.4	13	10	11	+2	82	0	58	31
	250	1	20	02	1	2	Sc, Ac	15.2	-0.2	13	9	11	-1	77	0	36	24
FAYOUM	330	6	20	02	0	0	—	16.3	+0.6	15	8	11	0	63	0	16	7
MINYA (A)	320	8	8	02	1	1	Ac	16.3	-0.5	16	8	11	+2	59	0	2	
ASYOUT (A)	290	5	16	02	0	0	—	16.9	+1.9	15	7	12	+1	59	0	dr	
NAG' HAMADI	00	0	4	01	0	2	Ac	16.6	+2.2	17	4	12	+1	42	0	1	
QENA	240	4	10	02	0	0	—	15.2	+1.2	19	7	12	-2	46	0	dr	
LUXOR (A)	00	0	24	02	0	0	—	15.1	+0.9	20	9	18		49	0	0	
ASWAN	360	10	10	01	0	2	Ci	16.5	+1.9	19	3	19	+2	35	0	8	
SIWA	300	10	15	03	1	2	Ns	17.0	+0.2	14	9	10	0	72	0	23	7
BAHARIYA	290	4	10	03	0	1	Ac	16.9	+0.7	14	8	8	-2	67	0	2	7
FARAFRA	270	3	15	02	0	0	—	18.4		14	-15	10		12	0	dr	
DAKHLA	290	5	20	03	0	1	Ci	17.5	+2.3	14	-1	9	-3	36	0	1	
KHARGA	00	0	9	02	0	0	—	15.1	+0.4	17	2	10	-3	37	0	3	
SUEZ	00	0	20	00	0	4	Cu	13.9	-1.5	18	8	12	-1	52	0	36	14
TOR																	
HURGHADA	320	16	8	06	0	1	Cu	13.8	-1.0	20	7	16	+2	43	0	dr	
QUSEIR	290	12	20	02	1	1	Sc	13.4	+0.1	22	-1	18	0	21	0	dr	4
PORT SUDAN	230	1	20	02	2	7	Ac	11.9		25	17			61	dr		
WADI HALFA	40	12	8	05	1	6	Ac, Ci	16.5		19	5	18		40	0		
ABU HAMAD	360	5	19	06	2	8	Ac	11.9		25	1	22		21	2.		
KAREIMA	70	13	21	02	6	8	Ac	12.4		25	5	22		28	dr		
ATBARA	30	6	20	02	2	7	Ac	10.9		28	7	24		27	0		
KHARTOUM	50	9	20	01	2	7	Ac, Cs	11.6		28	7	24		27	0		
KASSALA	20	3	20	01	1	5	Ac, Cs	10.0		27	8	20		30	0		
WAD MEDANI																	
RENK	180	5	20	02	1	4	Ac	10.8		31	2	27		16	0		
ROSEIRES	310	5	20	02	2	3	Ac	8.0		30	12	24		33	0		
EL OBEID	50	8	20	02	1	3	Ac	10.4		27	3	23		22	0		
EL FASHER	00	0	30	02	2	7	Ac	10.9		23	10	21		44	dr		
GENEINA	50	3	50	01	2	4	Ci	11.7		23	14	20		57	dr		
MALAKAL	10	6	20	01	2	5	Ac	9.6		26	22	24		79	0		
WAU	00	0	20	02	0	2	Ac, Ci	7.2		29	19			55	0		
JUBA																	

Area	Index Number	Station
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MATRUH (A)
	309	EL DABAA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSURA
	348	TANTA
	360	SHEBIN EL KOM
	354	ZAGAZIG
	441	ISMA'ILIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYA
	375	GIZA
	376	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOUT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOUM
	730	KASSALA
CENTRAL SUDAN	751	WAD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

RETARDS: DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3		30-3	
TIME	14		14		14		14		14		14		15		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	19	300	29	270	12	300	16	320	25	300	22	330	17	290	10	310	16	310	12	310	16
600 m.	280	22	300	31	260	17	280	18	310	22	320	19	320	19	270	9	300	34	320	12	330	10
1000 m.	280	26	300	29	270	20	290	12	320	11	330	20	320	21	290	19	300	28	310	17	290	15
1500 m.	280	24	290	36	260	25	290	16	300	7			310	19	300	18	280	17	310	32	300	11
2100 m.	300	26			250	26							280	26	300	16	290	16	290	23		
2400 m.	300	25			250	25							280	40			290	16	290	20		
3000 m.	310	30			240	31							260	37			280	18				
4000 m.	300	37											260	43								
5000 m.	290	34											250	48								
6000 m.	290	52											270	48								

STATION	Kharga		Hurghada				Salloum		P. Said		Luxor				Farafra		Dakhla		Kharga		Hurghada	
DATE	30-3		30-3				31-3		31-3		31-3				31-3		31-3		31-3		31-3	
TIME	14		14				2		2		2,30				8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	330	25			330	14	260	13	330	6			40	1	180	2	30	7		
600 m.	320	10	330	23			330	4	290	12	350	8			320	4	90	1	10	8	300	11
1000 m.	320	15	310	21			340	12	280	12	360	10			300	4	80	7	350	9	260	10
1500 m.			290	16			290	23	290	16	10	16			320	3	320	16			280	23
2100 m.							290	15			360	16			300	7	310	12				
2400 m.							310	12			350	20										
3000 m.							290	11														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex.(A)		P. Said		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	4	310	9	310	13	260	12	300	4	320	4	280	4	310	8	350	6	120	6	340	3
600 m.	290	8	300	6	280	9	290	9	210	3	310	6	330	4	300	10	270	1	170	8	270	3
1000 m.	320	12	290	10	290	10	280	12	250	10	290	6	340	7	320	10	10	9	300	8	360	2
1500 m.	290	12	290	10	320	13	300	10			320	11			340	18	320	4	280	9	320	9
2100 m.											280	18			350	24	310	5	280	11		
2400 m.															340	21	300	14	290	10		
3000 m.															350	29			300	12		
4000 m.																			260	19		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						30-3					30-3									
TIME						14					15									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR.	WIND SPEED	ALT m	TEMP °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	17				111	25		360	14					
1000 mb.						140	15		220	19	135	25		360	14					
950 mb.																				
900 mb.																				
850 mb.						1481	2		280	24	1516	10		310	19					
800 mb.																				
700 mb.						3036	-2		310	30	3108	4		260	37					
600 mb.																				
500 mb.						5619	-20		290	30	5759	-14		250	73					
400 mb.						7240	-30		300	50	7421	-24		270	61					
300 mb.						9211	-46				9466	-37		270	89					
200 mb.						11830	-55				12150	-57								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 31st MARCH, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail. " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" , " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky through out the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature starts in rising gradually, but continues slightly below normal all over the Republic. Low clouds in Lower Egypt and Cairo, increasing at times on N. coast. Winds chiefly moderate NW'ly. In Upper Egypt: Mainly clear. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

LIBRARY
MAY 16 1957
WEATHER BUREAU

CAIRO { Time of Sunrise 03 13 U T
Sunset 16 32 U T

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 30 Th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	300	12	18	02	2	6	Sc	15.3	19	4	37
	303	SÎDI BARRÂNI	300	20	16	01	5	5	cu, Sc	16.2	17	8	56
	306	MATRÛH (A)	290	20	16	01	2	4	Cu	14.9	17	7	52
	309	EL DAB'AA	270	15	20	00	0	6	Cu	14.1	18	8	52
	319	ALEXANDRIA	270	20	20	03	6	6	Cu, Sc	14.4	16	10	68
	318	ALEXANDRIA (A)	270	20	12	25	8	8	cu, Sc	14.4	18	11	64
	330	DAMIETTA	320	5	10	02	6	6	Cu, Sc	13.1	16	13	82
	333	PORT SA'ÎD (A)	270	13	20	03	2	7	cu, Sc	13.5	16	11	72
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	280	9	10	01	6	6	cu, Sc	13.9	18	10	60
	342	MANSÛRA	320	17	4	03	5	6	Ns	14.2	17	10	64
	348	TANTA	310	7	20	03	2	6	cu, Ci	14.6	21	10	50
	350	SHEBÎN EL KÔM	250	5	20	01	1	3	cu	13.9	20	3	33
	354	ZAGAZIG	00	0	20	03	1	7	cu	13.9	20	11	36
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	340	20	18	02	2	6	cu	14.1	20	11	30
	372	CAIRO ALMÂZA (A)	280	19	25	01	1	6	cu, Sc	13.9	22	1	25
	374	CAIRO EZBEKÎYA											
	375	GIZA	30	9	8	03	1	6	cu	14.6	21	6	38
	378	HELWÂN	270	15	10	02	2	6	cu, Sc	14.0	20	-1	24
UPPER EGYPT	381	FAYOÛM	330	6	20	03	2	6	cu, Sc	15.1	21	11	53
	387	MINYA (A)	310	15	10	02	2	5	[illegible]	14.5	24	2	24
	393	ASYOÛT (A)	280	14	18	01	1	2	[illegible]	15.7	23	2	26
	399	NAG' HAMÂDI											
	402	QENA	290	4	20	03	1	3	Ci	12.2	24	3	26
	405	LUXOR (A)	320	12	22	02	0	1	cu	13.9	24	8	36
	414	ASWÂN	330	12	12	03	1	5	Ci	13.0	27	-4	13
OASES	417	SÎWA	330	15	16	01	1	0	—	17.0	20	2	30
	420	BAHARÎYA	320	6	20	03	2	6	Sc	15.9	21	6	38
	423	FARAFRA	320	8	20	03	1	6	Sc	16.4	22	-1	21
	432	DAKHLA	320	12	21	03	0	4	Ci	16.3	23	-2	19
	435	KHARGA	330	5	15	03	1	5	Ci	14.6	25	1	21
RED SEA	450	SUEZ	270	8	50	02	0	4	cu	14.3	22	6	36
	459	TÔR											
	462	HURGHÂDA	240	26	20	02	0	4	Sc	11.9	23	9	41
	465	QUSEIR	20	8	20	02	0	1	As, Ci	12.7	23	8	38
	641	PORT SÛDÂN	120	10	20	02	2	7	As	7.8	31	24	66
NORTH SUDAN	600	WÂDI HALFA	340	16	13	05	1	2	Ci	13.7		7	
	640	ABU HAMAD	310	7	18	03	2	8	Ac, Cs	9.3	31	3	17
	660	KAREIMA	50	9	21	02	2	8	Ac, As, Cs	9.1	33	5	17
	680	'ATBARA	10	11	20	01	2	8	Ac, Cs	6.3	35	7	18
	721	KHARTOÛM	30	8	20	02	2	7	Ac, Cs	5.2	37	11	20
	730	KASSALA	50	2	20	03	0	3	Ci	1.9	40	4	11
CENTRAL SUDAN	751	WÂD MEDANI	310	5	20	02	2	8	Ci	2.9	39	6	13
	801	RENK	270	5	20	02	1	3	Ci	4.7	39	12	20
	802	ROSEIRES	310	5	20	02	1	3	cu	1.1	39	12	20
	771	EL OBEID	70	7	20	03	1	4	Ac, Cs	3.3	36	2	12
	760	EL FASHER	110	5	30	02	3	6	Ac, As	6.9	33	6	19
	770	GENEINA	160	2	50	03	2	8	cu, Ac, Cs	7.7	32	11	28
S. SÛDÂN	840	MALAKÂL	340	2	20	03	1	7	Cb, Ac, As	4.9	35	15	30
	880	WÂU											
	941	JUBA											

At 1800 on 30 Th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOÛM	300	8	12	01	1	0	—	16.6	15	7	19	-4	59	0
303 SÎDI BARRÂNI	320	18	12	02	1	4	cu, Sc	16.4	14	8	17		67	dr
306 MATRÛH (A)	280	10	12	02	0	3	cu	16.7	13	9	18		77	0
309 EL DAB'AA	270	10	14	00	0	4	Ac	14.4	15	7	18		59	0
319 ALEXANDRIA	310	21	20	01	6	2	cu	15.6	15	9	20		68	1
318 ALEXANDRIA (A)	310	14	12	01	2	0	—	15.7	15	8	18	-3	63	1
330 DAMIETTA	320	5		01	6	2	cu	14.7	15	12	19	-2	82	13
333 PORT SA'ÎD (A)	290	19	16	01	8	2	cu, Sc	14.8	15	12	22	+2	82	4
336 EL 'ARISH														
339 DAMANHÛR	310	2	10	01	5	2	cu	15.6	13	9	19	-4	77	0.2
342 MANSÛRA	00	0		01	1	3	Sc, cu	15.6	15	9	20	-5	68	dr
348 TANTA	00	0	20	02	0	0	—	15.3	12	9	21	-5	82	0
350 SHEBÎN EL KÔM	290	2	10	01	1	2	cu	15.2	15	9	22		68	0
354 ZAGAZIG	00	0	10	02	0	0	—	14.9	16	12	23	-3	77	0
441 ISMA'ILÎA														
366 CAIRO (A)	360	6	12	01	2	1	Sc	16.6	15	8	21		63	0
372 CAIRO ALMÂZA (A)	300	7	15	01	0	0	—	16.7	16	6	22	-3	52	0
374 CAIRO EZBEKÎYA											22	-4		
375 GIZA	340	5	8	01	2	1	Sc	16.4	15	8	22	-4	63	0
378 HELWÂN	320	12	10	03	2	3	cu	15.9	16	5	21	-5	49	0
381 FAYOÛM	330	4	20	01	0	0	—	15.8	17	5	22	-5	46	0
387 MINYA (A)	00	0	7	02	0	0	—	15.9	15	5	24	-3	52	0
393 ASYOÛT (A)	300	7	10	02	0	0	—	16.8	16	3	23	-5	42	0
399 NAG' HAMÂDI	00	0	4	01	0	2	Ac	16.7	18	8	28	-1	52	0
402 QENA	200	3	2	00	0	0	—	15.2	18	8	25	-8	52	0
405 LUXOR (A)	300	6	12	01	0	0	—	15.7	20	6	25		41	0
414 ASWÂN	320	10	10	01	0	0	—	15.0	22	-1	28	-5	21	0
417 SÎWA	280	6	10	01	0	0	—	17.4	17	3	21	-6	39	0
420 BAHARÎYA	00	0	10	02	0	0	—	17.0	16	5	22	-6	49	0
423 FARAFRA	320	2	12	00	1	0	—	18.5	16	-1	23	-1	32	0
432 DAKHLA	340	8	9	01	0	1	Ci	17.1	18	-6	24	-7	19	0
435 KHARGA	00	0	8	02	0	0	—	15.8	19	-1	25	-6	26	0
450 SUEZ	270	7	10	01	0	0	—	15.5	20	6	23	-3	41	0
459 TÔR														
462 HURGHÂDA	330	20	10	02	0	0	—	13.6	21	4	24	+1	33	0
465 QUSEIR	00	0	20	02	0	0	—	14.1	21	9	25	-1	47	0
641 PORT SÛDÂN	340	9	16	01	1	4	Ac	11.5	25	21	34		79	0
600 WÂDI HALFA	10	11	16	03	0	3	Ci	13.8	22	2	29		27	0
640 ABU HAMAD	360	5	20	02	2	8	Cs	10.7	27	0	33		17	0
660 KAREIMA	50	13	18	07	2	0	—	11.1	27	2	34		20	0
680 'ATBARA	10	10	20	01	2	3	Ci	8.8	29	7	36		25	0
721 KHARTOÛM	350	11	20	01	2	3	Ci	6.5	32	10	38		26	0
730 KASSALA	350	3	20	01	2	0	—	5.3	31	5	40		19	0
751 WÂD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID	360	5	20	01	1	1	Ac	5.3	30	5	37		21	0
760 EL FASHER	50	4	30	02	2	7	Ac	6.4	31	9	37		26	0
770 GENEINA	00	0	50	03	6	7	Ac, Cs	8.6	27	18	33		58	1
840 MALAKÂL	240	4	20	01	2	4	Ac, Cs	5.8	28	21	37		66	0
880 WÂU	230	9	20	13	8	8	Ac, Cs	8.7	27	20	38		66	dr
941 JUBA														

At 0600 on SUNDAY 31 Th, MAY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct 1st	Rainfall Normal from Oct 1st
62300 SALLOÛM	90	7	20	03	0	7	Cs	17.7	+2.4	13	7	10	-2	67	0	255	
303 SÎDI BARRÂNI	230	8	20	03	2	8	Sc, Cs	17.1		13	9	11		77	0	252	
306 MATRÛH (A)	250	8	20	02	2	6	Sc, Cs	17.3	+1.6	14	10	8		77	0.1	259	
309 EL DAB'AA	220	6	20	00	0	5	Ac	16.8		14	8	9		67	0	203	
319 ALEXANDRIA	310	12	20	02	0	2	cu, Cs	17.2	+2.1	16	5	14	0	64	1	278	181
318 ALEXANDRIA (A)	320	7	12	02	0	3	cu, Ac	16.9	+0.7	16	9	14	+2	64	1	246	137
330 DAMIETTA	200	2	4	03	1	5	Sc	16.4	+1.4	13	10	8	-4	82	13	227	101
333 PORT SA'ÎD (A)	240	14	12	03	2	7	cu, Sc	16.1	0.0	13	11	11	-3	88	4		
336 EL 'ARISH																	
339 DAMANHÛR	230	2	4	01	1	6	cu, Sc	16.7	+1.5	15	11	10	-1	77	0.2	139	93
342 MANSÛRA	00	0		03	1	7	Ns	16.8	+1.4	14	7	9	-2	77	dr	68	47
348 TANTA	00	0	20	03	2	6		16.9	+1.4	15	10	7		72	0	79	34
350 SHEBÎN EL KÔM	250	2	10	01	1	3	cu	17.4	+2.1	15	9	11		68	0	58	
354 ZAGAZIG	220	1	10	03	1	6	Sc	16.6	+1.2	14	10	9	-1	77	0	53	24
441 ISMA'ILÎA																	
366 CAIRO (A)	290	7	8	01	2	5	Sc, Ac	17.9		14	8	13		67	0	48	
372 CAIRO ALMÂZA (A)	220	10	12	01	2	5	Sc	17.5	+1.2	15	8	12	0	63	0	53	
374 CAIRO EZBEKÎYA										15	8	12	0	63	0	43	22
375 GIZA	240	3	8	01		3	cu	17.9	+2.1	14	9	9	0	72	0	53	21
378 HELWÂN	00	0	6	04	2	6	Sc	18.2	+2.9	13	7	10	-3	67	0	36	24
381 FAYOÛM	330	4	20	02	1	3	Sc	20.3	+4.7	16	9	9	-2	64	0	16	7
387 MINYA (A)	320	3	7	02	0	0	—	18.8	+2.1	14	6	7	-2	59	0	2	
393 ASYOÛT (A)	270	4	12	02	0	0		19.3	+4.4	14	1	10	-1	42	0	dr	
399 NAG' HAMÂDI	00	0	4	01	0	4	Ac	18.7	+4.4	17	7	6	-5	52	0	1	
402 QENA	270	2	10	00	0	0	—	18.3	+5.6	18	6	10	-4	46	0	dr	
405 LUXOR (A)	00	0	22	02	0	0	—	17.8	+3.7	17	6	9		49	0	0	
414 ASWÂN	00	0	12	02	0	3	Ci	18.2	+4.7	18	4	12	-5	55	0	8	
417 SÎWA	00	0	16	02	0	2	Ci	19.1	+2.4	11	5	6	-4	67	0	23	7
420 BAHARÎYA	00	0	10	03	0	2	Ci	19.3	+3.2	14	6	7	-4	59	0	2	7
423 FARAFRA	00	0	12	02	0	0	—	19.1		12	-4	6		33	0	dr	
432 DAKHLA	00	0	15	03	0	4	Ci	19.5	+4.4	13	-2	10	-2	36	0	1	
435 KHARGA	00	0	10	03	0	1	Ci	19.8	+5.2	16	2	9	-4	39	0	3	
450 SUEZ	00	0	20	00	0	7	Cs	17.2	+1.9	16	10	9	-4	68	0	36	14
459 TÔR																	
462 HURGHÂDA	300	15	20	02	0	1	cu	16.1	-3.2	19	7	11	-3	46	0	dr	
465 QUSEIR	310	7	20	02	0	0	—	15.7	+2.5	21	-3	15	-3	20	0	dr	4
641 PORT SÛDÂN	320	14	10	07	0	7	Sc	14.5		25	20	21		74	0		
600 WÂDI HALFA	20	9	20	03	0	7	Cs	18.2		16	2			39	0		
640 ABU HAMAD	20	9	22	02	2	8	Ac	14.2		20	-3	18		21	0		
660 KAREIMA	70	11	20	03	0	7	Cs	14.4		22	-3	19		19	0		
680 'ATBARA	10	17	10	07	2	7	Ac, Cs	11.7		24	1	20		22	0		
721 KHARTOÛM	20	14	20	03	2	7	Cs	11.0		26	3	23		23	0		
730 KASSALA	20	6	20	01	2	1	Ci	7.7		29	13	20		37	0		
751 WÂD MEDANI	360	19	10	02	0	2	Ci	9.7		27	0	24		17	0		
801 RENK	50	5	20	02	0	2	Ac	10.9		30	6	24		22	0		
802 ROSEIRES	310	5	20	02	1	4	Ac	7.9		30	9	27		27	0		
771 EL OBEID	40	14	15	05	2	7	Cs	10.1		25	1	22		21	0		
760 EL FASHER	20	6	15	06	1	7	Ac, Cs	12.4		23	5	21		32	0		
770 GENEINA	40	3	50	02	2	7	Ac, Cs	13.3		23	11			47	1		
840 MALAKÂL	250	12	20	03	6	7	Ac, Cs	11.0		27	21	25		70	dr		
880 WÂU	180	2	20	61	6	8	St, Ac	11.9		23	22	23		94	1		
941 JUBA	230	3	24	03	2	7	Sc, Ac	11.2		26	20	24		70	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3		31-3	
TIME	15		14,30		15		14		14		14		14		20		20		20		20	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	14	330	12	330	13	320	16	310	9	320	10	270	4	340	12	330	10	340	12	320	10
600 m.	300	20	300	11	360	13	310	17	300	12	320	5	290	6	340	13	310	10	350	17	330	11
1000 m.	270	15	290	10	350	14	300	16	280	13	300	10	280	7	340	16	300	14	340	15	320	10
1500 m.	270	13	280	15	350	10	300	12	260	8	290	25	270	10	330	17	240	20	320	13	60	4
2100 m.	290	12	280	13	310	4							290	8	320	13	270	15	320	10	300	11
2400 m.	300	10	290	15	300	10							300	8			270	16			300	17
3000 m.	280	12	290	17	280	14							330	11			290	10			300	29
4000 m.	260	13	290	23	270	22															320	86
5000 m.	240	16	290	27	270	33																
6000 m.	240	28	280	34	270	43																

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	31-3		31-3		31-3		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4	
TIME	20		23		20		5		5		5		5		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	130	8	330	11	250	10	240	9	30	3	110	12	300	5	280	6	340	17	320	5
600 m.	330	10	10	8	340	19	280	11	260	9	350	8	40	2	300	11	290	9	320	14	330	4
1000 m.	340	10	320	12	340	19	290	12	300	9			280	6	290	10	300	9	330	20	330	8
1500 m.	310	23	270	13	360	8	320	10	330	9			320	23	320	8	320	9	310	28	330	16
2100 m.	290	21			300	6			280	11			310	23	310	11	60	8			310	14
2400 m.	250	15			270	10							300	21			20	5			320	14
3000 m.	280	15											290	17								
4000 m.													300	23								
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo (A)		Aswan		Asyout		Luxor		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4	
TIME	5		5		5		5		5		11		11		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	12	260	6	360	16	290	6	270	1	290	8	320	5	360	8	240	7	290	4	10	23
600 m.	310	11	260	5	360	17	20	2	340	6	290	9	330	3	360	9	290	11	290	5	10	23
1000 m.	310	13	300	10	340	12	40	2	350	14			320	4	330	5	290	7	300	6	320	16
1500 m.			290	23	250	10	320	9	340	12			320	4	290	8	290	11			280	22
2100 m.			280	13	250	17			290	17			300	2	270	11	290	42			280	32
2400 m.			280	13					290	17			330	6	300	23	300	41			270	30
3000 m.									280	20					310	27						
4000 m.															300	26						
5000 m.															280	28						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh					Aswan					Matruh				
DATE	31-3					31-3					31-3					1-4				
TIME	14,30					15					15					00				
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	21				25	17				111	25		340	12	25	11			
1000 mb.	139	20		10	12	149	16		330	12	135	25		340	12	146	10		00	0
950 mb.																				
900 mb.																				
850 mb.	1507	7		280	15	1489	6		270	13	1531	14		350	10	1488	5		320	11
800 mb.																				
700 mb.	3080	1		290	17	3055	-1		280	12	3141	5		280	14	3059	-3		310	7
600 mb.																				
500 mb	5715	-14		280	32	5653	-18		240	28	5798	-12		270	37	5646	-21		300	40
400 mb.	7365	-28				7280	-31				7470	-21				7260	-34		270	31
300 mb.	9360	-44														9213	-41		260	42
200 mb.																11880	-48		260	44

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT - CAIRO

DATE Monday 1st April, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather continues all over the Republic. Some low and high clouds in Lower Egypt and Cairo. Moderate NWly winds. In Upper Egypt: Mainly clear. Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 03 45 U.T.
Sunset 16 13 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 31-3-57

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
70	12	18	07	2	7	Sc, cs	17.3	18	8	52
320	12	18	02	2	7	Sc, ci	17.2	17	8	56
330	14	18	02	2	7	Sc, cs	16.9	17	9	60
270	11	20	00	0	7	cs	17.1	18	6	46
310	12	20	03	0	3	Cu, cs	17.4	19	7	46
280	14	12	02	2	7	Cu, sc, ci	16.7	19	10	56
340	5	20	02	1	5	Cu	15.9	17	6	49
290	11	18	03	2	7	cb	16.1	18	11	64
350	5	10	01	1	4	Cu	16.4	20	8	46
320	5		03	1	6	As	16.4	20	9	49
00	0	20	03	2	8	Cu	16.1	20	9	49
250	5	25	01	1	2	Cu	16.4	20	6	41
140	1	20	03	1	7	Cu	16.6	22	13	57
320	9	18	01	2	5	Cu, ci	16.1	20	6	41
250	13	25	02	1	6	Cu, Sc, ci	15.7	23	5	32
320	9	10	02	2	6	Cu, ci	16.7	21	8	44
270	5	20	02	2	4	Cu, ci	16.0	21	4	33
330	4	20	02	1	3	Cc	16.6	22	8	41
350	9	10	02	0	1	ci	16.3	24	0	21
340	5	16	02	0	0	—	16.4	22	4	31
00	0	10	01	0	3	Ac, cs	15.4	25	5	28
240	3	20	01	0	3	ci	15.0	25	2	22
330	8	22	02	0	3	cs	14.3	25	9	36
350	10	15	03	0	4	ci	13.8	27	1	19
270	8	16	01	1	2	ci	17.1	23	2	26
320	2	20	02	0	0	—	17.0	23	8	38
00	0	20	02	0	1	ci	17.5	23	1	24
350	5	23	01	0	4	ci	17.2	23	-8	12
340	2	15	02	2	5	ci	15.2	25	2	22
40	7	50	01	0	5	Cu	16.2	22	11	50
10	18	32	02	0	1	cs	14.0	22	9	44
360	7	20	03	1	5	cs	14.4	23	8	38
40	16	16	02	2	7	Sc, cs	16.9	26	24	89
30	13	20	02	1	6	cs	14.2	26	2	21
360	9	22	01	2	5	cs	9.7			
50	7	21	02	2	1	cs	9.2	31	-7	8
10	12	13	07	2	7	cs	6.3	35	-6	7
20	12	20	02	2	7	cs	5.3	36	11	22
20	6	20	02	2	7	cs	2.8	37	11	20
50	9	20	03	0	7	ci	3.9	37	4	13
310	5	20	02	0	4	Ac	8.0	37	10	19
70	6	20	02	2	7	cs	5.4	34	2	13
20	5	10	06	1	7	cs	7.1	23	7	20
250	5	30	03	2	6	Cu, cs	7.8	33	10	24
250	11	20	01	2	7	Cu, Ac, ci	7.4	33	16	36
60	1	20	01	6	7	Sc, Ac, As	8.6	33	17	38
20	11	24	60	9	7	Sc, Ac, cs	11.6	23	20	84

At 1800 on 31-3-57

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
50	3	10	01	1	2	ci	17.1	16	9	19	-4	64	0
350	10	12	01	2	5	ci	16.6	15	9	18		68	0
310	9	14	01	2	2	Ac	17.0	14	8	18		67	0
340	6		00	0	3	ci	16.4	15	7	19		59	0
350	10	20	01	2	4	—	16.4	15	9	19	-3	68	0
340	9	12	01	2	0	—	16.3	15	10	19	-2	72	0
340	5		00	0	0	—	16.4	15	9	18	-3	68	0
330	13	15	01	0	1	Cu	16.6	16	10	20	0	68	0
310	2	4	01	1	2	Cu	16.6	15	9	21	-4	68	0
00	0		00	0	0	—	16.6	15	9	21	-4	68	0
360	2	10	02	0	0	—	16.5	14	8	23	-3	67	0
250	2	10	01	1	2	Sc	17.0	15	7	23		59	0
00	0	10	02	0	8	cb	16.3	17	13	22	-4	77	0
60	9	12	01	0	2	ci	16.2	17	8	22		56	0
360	12	15	01	0	0	—	16.2	17	8	24	-1	56	0
										24	-3		
390	6	8	01	1	0	—	16.8	17	9	23	-3	60	0
320	1	10	02	0	0	—	16.0	18	4	22	-4	40	0
330	4	20	01	0	0	—	15.8	18	6	24	-3	46	0
00	0	8	02	0	0	—	15.6	17	4	25	-2	42	0
290	4	12	02	0	0	—	16.0	19	1	23	-5	30	0
00	0		01	0	2	Ac	14.9	18	8	26	-3	52	0
270	2		00	0	0	—	14.7	18	6	26	-7	46	0
270	2	12	01	0	0	—	14.6	18	8	26		52	0
20	5	12	01	0	1	ci	13.6	23	0	27	-6	22	0
340	20	14	01	1	1	Ac	16.4	18	-1	23	-4	28	0
00	0	10	02	0	0	—	16.3	17	7	24	-4	52	0
280	1	12	02	0	0	—	17.5	17	-3	25		26	0
20	2	8	02	0	0	—	16.6	20	-5	25	-6	18	0
00	0	8	01	1	1	ci	14.7	19	-5	26	-5	19	0
00	0	10	01	0	0	—	16.7	19	9	24	-2	52	0
320	18	12	02	0	0	—	14.1	20	4	23	0	35	0
00	0	20	02	1	0	—	14.8	20	8	24	-2	46	0
350	8	16	01	2	4	ci	13.1	23	18	28		74	0
340	9	20	01	0	1	ci	14.2	21	2	27		29	0
340	9	22	01	1	2	Ac, ci	10.9	25	-7	31		12	0
20	10	21	03	1	7	cs	10.8	28	-5	32		11	0
350	9	20	01	2	8	ci	8.6	29	-9	35		9	0
330	7	20	01	2	2	Ac	7.7	31	5	37		19	0
60	5	20	01	2	0	—	5.5	32	12	38		30	0
10	7	20	01	2	3	Ac, ci	7.3	29	3	36		19	0
120	7	20	02	2	7	Ac, cs	7.9	30	8	35		25	0
										33			0
260	20	20	02	2	7	Ac, cs	9.3	25	21	33		79	0
170	2	20	01	2	4	As	9.6	26	21	33		74	0.5
310	4	24	02	2	7	St, Ac, As	11.6	22	21	27		94	4

At 0600 on MONDAY 1st APRIL, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	2	5	ci	16.2	+0.9	15	10	12		73	0	255	
	303	SÎDI BARRÂNI	240	9	16	00	0	5	Sc, ci	15.8		13	11	10		88	0	252	
	306	MATRÛH (A)	250	9	16	01	2	5	Sc, Cu, Ac	15.9	+0.3	15	11	8		77	0	259	
	309	EL DABʿAA	200	4	10	00	0	4	Ac	16.1		13	9	9		77	0	205	
	319	ALEXANDRIA	220	8	20	03	0	6	Cu, Sc, Ac	16.0	+0.9	15	9	13	-1	68	0	278	181
	318	ALEXANDRIA (A)	240	10	12	02	2	7	Cu, ci	15.3	-0.9	15	10	11	-1	72	0	245	137
	330	DAMIETTA	220	8	20	02	0	6	Cu, Sc, Ac	16.0	+0.9	15	9	13	-1	68	0	214	101
	333	PORT SAÏD (A)	240	13	10	03	2	7	Cu, ci	15.3	-0.8	14	11	12	-2	82	0		
	336	EL ʿARISH																	
LOWER EGYPT	339	DAMANHÛR	290	2	10	03	0	3	Cu	16.3	+1.1	18	8	9	-2	52	0	138	93
	342	MANSURA	00	0		03	1	6	As, ci	15.5	+0.1	15	11	9	-2	77	0	68	47
	348	TANTA	00	0	20	03	2	7	As	16.1	+0.7	16	11	8	-2	72	0	79	34
	360	SHEBÎN EL KÔM	250	2	10	01	1	1	Ac	16.4	+1.2	16	10	10		68	0	58	
	354	ZAGAZIG	220	1	10	03	1	6	Cu	16.6	+1.3	15	11	10	0	77	0	53	24
	441	ISMAʿÎLIA																	
CAIRO AREA	366	CAIRO (A)	00	0	12	02	2	6	ci	16.3		13	9	10		77	0	48	
	372	CAIRO ALMÂZA (A)	300	2	3	10	2	6	ci	15.7	-0.6	14	8	11	-1	67	0	53	
	374	CAIRO EZBEKÎYA										16	9	11	-1	64	0	43	22
	375	GIZA	30	3	4	01	—	3	Cc	16.4	+0.7	15	10	9	0	72	0	53	21
	378	HELWÂN	00	0	4	02	1	8	ci	15.9	+0.7	14	10	10	-3	77	0	36	24
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	16.4	+0.8	17	10	10	-1	64	0	16	7
	387	MINYA (A)	00	0	8	02	0	0	—	15.8	-0.9	15	9	7	-2	68	0	2	
	393	ASYOÛT (A)	00	0	12	02	0	0	—	16.7	+1.8	15	0	11	0	36	0	do	
	399	NAG HAMÂDI	290	2	4	01	0	3	Ac, ci	16.3	+2.1	17	7	9	-2	52	0	1	
	402	QENA	270	2	10	00	0	0	—	16.0	+2.1	18	6	11	-3	46	0	do	
	405	LUXOR (A)	00	0	22	02	0	0	—	15.6	+1.6	18	7	9		49	0	0	
	414	ASWÂN	00	0	12	01	0	1	ci	15.4	+2.0	17	3	11	-6	39	0	8	
OASES	417	SÎWA	00	0	16	02	0	0	—	17.1	+0.5	12	4	8	-7	59	0	22	7
	420	BAHARÎYA	00	0	20	02	0	0	—	16.5	+0.5	15	8	7	-4	63	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	17.3		12	-7	5		26	0	do	
	432	DAKHLA	00	0	14	01	1	4	ci	17.0	+2.0	12	-7	8	-4	26	0	1	
	435	KHARGA	00	0	12	03	0	4	ci	15.8	+1.3	15	2	8	-5	42	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	4	Cu	17.2	+1.9	16	12	9	-5	77	0	36	14
	459	TÔR																	13
	462	HURGHADA	320	17	20	00	0	1	Cu	14.7	+0.1	20	9	10	-4	49	0	do	
	465	QUSEIR	300	8	20	02	0	1	cs	14.4	+1.3	21	4	15	-3	33	0	do	4
	641	PORT SÛDÂN	360	9	20	02	0	4	Sc, Ac, ci	13.0		24	16	19		61	0		
NORTH SUDAN	600	WÂDI HALFA	340	2	20	02	0	1	ci	15.9		16	1	11		36	0		
	640	ABU HAMAD	360	13	22	02	1	3	ci	13.2		21	-5	16		17	0		
	660	KAREIMA	50	7	21	03	1	5	cs	14.2		21	-2	17		21	0		
	680	ʿATBARA	350	13	20	02	2	7	cs	11.5		24	-7	20		13	0		
	721	KHARTOÛM	20	14	20	03	0	8	Ac, cs	11.0		26	-1	23		17	0		
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	2	7	Ac	12.0		26	-2	22		16	0		
	801	RENK	180	5	20	02	0	2	Ac	12.9		26	20	24		70	0		
	802	ROSEIRES																	
	771	EL OBEID	80	2	20	02	2	7	Ac, cs	11.2		26	-6	22		12	0		
	760	EL FASHER	10	11	20	02	2	7	Ac, As	11.6		25	2	22		22	0		
	770	GENEINA	50	5	50	01	1	2	Ac, cs	12.9		22	16	18		69	0		
S. SÛDÂN	840	MALAKÂL	200	8	20	03	2	6	cs	13.4		25	19	23		70	0		
	880	WÂU	00	0	20	02	2	7	Cu, Ac	10.9		24	21	23		84	0.6		
	941	JUBA	70	1	24	03	2	7	St, Ac, As	12.6		23	11	20		47	4		

RETARDS — DATE

* 9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. A		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4		1-4	
TIME	17		17		17		17		17		17		17		23		23		23		23	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	12	320	9	320	14	320	12	330	9	320	16	320	9	320	9	290	10	20	23	50	17
600 m.	320	12	320	11	320	13	320	13	330	11	310	10	320	10	340	4	300	12	360	23	40	9
1000 m.	310	15	320	12	300	16	320	14	330	14	310	13	310	10	320	20	310	10	330	21	350	8
1500 m.	300	21	320	11	300	15	310	13	270	16	320	11	330	11			310	8	300	27	330	17
2100 m.	310	18	330	10			320	14	270	15			320	9					280	23	320	19
2400 m.	300	17	320	13			310	18	270	9			330	9					310	18	320	17
3000 m.	310	20	300	19			320	28	290	22			330	9					310	24	310	22
4000 m.	320	20	280	23									330	7							320	19
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo A		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	1-4		1-4		1-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4	
TIME	23		23		23		5		5		5		5		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	330	10	280	8	340	17	310	13	260	13	10	13	110	4	300	7	290	6	320	13	300	10
600 m.	330	13	280	9	340	19	320	11	270	10	330	14	20	9	300	7	290	9	300	31	30	16
1000 m.	340	13	360	4	330	19	320	9	320	7	310	22	330	12	300	4	280	12	320	31	340	11
1500 m.	320	18	270	17	310	19					320	30	320	18			280	9	300	21	350	13
2100 m.	310	24	300	21	300	30					330	26	330	21			280	7			340	17
2400 m.	310	27	300	23							320	28	330	25			320	10			330	18
3000 m.	310	24									300	31	330	16			290	20			320	21
4000 m.	320	25											320	30								
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Aswan		Asyout		Luxor		Asyout		Luxor		Aswan		Farafra		Dakhla		Kharga	
DATE	2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4	
TIME	5		5		5		5		5		11		11		12		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	330	14	320	10	340	11	330	3	180	1	310	12	300	10	330	12	340	30	310	6	320	5
600 m.	350	10	310	13	360	17	10	13	10	10	320	12	320	13	320	12	330	38	290	18	350	6
1000 m.	330	12	330	11	340	17	340	18	360	10	320	16	340	27	310	12	340	31	320	39	350	6
1500 m.	330	24			310	17	330	32	10	15			260	9	300	10	330	15				
2100 m.	320	22			290	29			10	20			270	13	290	13	340	23				
2400 m.	310	29			270	27			360	17			240	10	300	15	310	27				
3000 m.	320	23													310	15						
4000 m.															310	43						
5000 m.															290	15						
6000 m.															310	47						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan					Matruh				
DATE						1-4					1-4					2-4				
TIME						12					11, 30					00				
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18				111	26		330	6	25	12			
1000 mb.						157	16		310	16	144	26		330	6	153	11		280	4
950 mb.																				
900 mb.																				
850 mb.						1504	5		310	14	1537	12		310	12	1498	7		300	12
800 mb.																				
700 mb.						3070	-2		310	15	3130	4		280	25	3071	-2		300	26
600 mb.																				
500 mb.						5658	-21		290	18	5769	-11		260	43	5656	-21		290	30
400 mb.						7272	-32		300	21	7461	-19		260	78	7276	-31		280	37
300 mb.						9181	-50		280	27						9244	-47			
200 mb.																11890	-48			

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *TUESDAY 2nd APRIL*, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon today to noon tomorrow:*

No apparent change in weather conditions all over the Republic. Moderate NW½ winds. Low clouds during daytime. In Upper Egypt: Clear sky and light N½ winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 44 U.T. / " " Sunset 16 14 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 1-4

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
SALLOÛM	360	4	18	02	2	7	cu, sc	16.9	20	8	46
SÎDI BARRÂNI	310	14	20	02	2	7	cu, sc	16.8	18	11	64
MATRÛḤ (A)	320	17	16	02	0	3	cu	16.7	18	10	60
EL ḌAB'AA	340	10	20	00	0	3	ac	16.5	19	7	46
ALEXANDRIA	310	12	20	01	1	2	cu, cs	16.2	19	9	52
ALEXANDRIA (A)	320	10	16	02	2	4	cu, ci	16.2	19	10	56
DAMIETTA	340	5	20	01	2	1	cu	15.4	18	10	60
PORT SA'ÎD (A)	340	9	22	03	1	5	cu, ac, ci	15.3	19	12	64
DAMANHÛR	310	9	10	01	1	3	cu	15.2	20	8	46
MANṢÛRA	320	5		03	1	5	cb	15.0	21	9	47
ṬANṬA	220	2	20	03	2	5	cu	15.9	21	9	47
SHEBÎN EL KÔM											
ZAGAZIG	220	1	20	03	1	6	cu	14.6	21	12	57
ISMA'ÎLÎA											
CAIRO (A)	360	9	20	01	0	3	cu, ci	14.9	20	3	33
CAIRO ALMÂZA (A)	310	9	25	03	0	3	cu, sc, as	14.7	20	5	38
CAIRO EZBEKÎYA											
GIZA	60	7	10	02	1	4	sc, cu	14.9	21	6	38
ḤELWÂN	320	6	20	02	1	3	cu	14.8	20	3	33
FAYOÛM	330	4	20	02	1	4	cu, sc	14.7	24	5	30
MINYA (A)	340	3	10	02	0	2	cu	14.8	25	5	28
AṢYOÛṬ (A)	320	5	16	02	0	0	—	14.8	24	-2	18
NAG' ḤAMÂDI	360	2		01	0	2	ac	14.0	26	4	25
QENA	290	3	20	00	0	0	—	13.5	25	2	22
LUXOR (A)	320	9	22	02	0	0	—	12.8	26	-4	14
ASWÂN	30	10	14	03	0	2	ci	12.7	28	7	27
SÎWA	340	8	16	01	0	0	—	16.7	24	3	26
BAḤARÎYA	320	8	20	03	0	1	cu	15.5	23	8	38
FARAFRA	360	2	20	02	0	0	—	16.3	24	-3	17
DAKHLA	290	9	20	02	0	0	—	15.9	25	-8	11
KHARGA	180	3	12	02	0	0	—	13.0	27	2	20
SUEZ	330	2	50	03	0	5	cu	14.3	23	5	32
TÔR											
HURGHÂDA	360	21	22	02	0	1	ci	12.5	23	7	36
QUSEIR	360	12	20	02	0	1	as	12.9	23	7	36
PORT SÛDÂN	50	18	16	02	1	4	cc	16.7	27	19	62
WÂDI ḤALFA											
ABU ḤAMAD	310	9	24	02	1	3	ac, ci	9.9	33	-8	7
KAREIMA	20	7	21	01	2	4	ac, ci	11.2	31	-13	5
ʿAṬBARA	320	9	20	01	2	5	ac, ci	8.1	34	-15	4
KHARTOÛM	340	8	20	01	2	6	ac, ci	7.6	35	4	14
KASSALA	330	3	20	02	2	7	ac, cs	4.5	36	9	19
WÂD MEDANI	310	9	20	02	2	6	cs	6.5	36	2	9
RENK											
ROSEIRES	310	5	20	02	1	3	cu	4.4	37	13	24
EL OBEID	70	7	20	03	1	5	ac, cs	8.0	33	-6	8
EL FASHER	80	5	20	03	2	6	ac	7.7	33	7	20
GENEINA	50	3	50	03	2	7	cu, ac, cs	7.5	34	11	25
MALAKÂL	230	8	20	08	0	7	cu, cs	8.0	33	16	36
WÂU	110	3	20	01	2	4	cu	7.8	32	17	41
JUBA	150	2	24	01	6	5	cu, ac	8.8	28	21	66

At 1800 on 1-4

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	300	4	10	02	0	0	—	17.4	16	10	21	-2	68	0
SÎDI BARRÂNI	330	13	12	02	0	3	cu	16.8	15	11	18		77	0
MATRÛḤ (A)	300	10	14	03	2	6	cu	17.0	15	11	19		77	0
EL ḌAB'AA	270	10		00	0	3	ac	17.2	15	9	19		68	0
ALEXANDRIA	360	11	20	01	0	0	—	17.1	16	8	20	-3	59	0
ALEXANDRIA (A)	320	10	12	01	0	0	—	16.3	15	9	20	-1	68	0
DAMIETTA	340	2		03	1	2	cu	15.6	16	10	19	-2	68	0
PORT SA'ÎD (A)	330	13	16	03	0	3	cu, ci	15.5	17	10	20	0	64	0
DAMANHÛR	310	2	10	02	0	1	cu	16.2	14	10	22	-3	77	0
MANṢÛRA	00	0		01	0	2	cb	15.6	15	9	23	-2	68	0
ṬANṬA	360	2	20	02	0	0	—	16.0	13	7	23	-3	67	0
SHEBÎN EL KÔM	250	2	10	01	1	2	sc	16.2	14	8	22		67	0
ZAGAZIG	140	1	10	02	0	0	—	15.6	17	11	22	-4	68	0
ISMA'ÎLÎA														
CAIRO (A)	30	8	10	01	0	0	—	15.7	17	8	22		56	0
CAIRO ALMÂZA (A)	340	12	15	02	0	1	sc, cu	15.4	17	8	23	-2	56	0
CAIRO EZBEKÎYA											24	-3		
GIZA	50	10	8	02	1	2	cu	15.9	16	9	22	-4	64	0
ḤELWÂN	340	1	10	01	0	0	—	15.4	17	4	21	-5	42	0
FAYOÛM	00	0	20	02	0	0	—	15.0	18	6	25	-3	46	0
MINYA (A)	00	0	8	02	0	0	—	15.1	17	6	26	-2	49	0
AṢYOÛṬ (A)	300	5	10	02	0	0	—	14.9	18	2	26	-2	34	0
NAG' ḤAMÂDI	00	0	10	01	0	2	ac	14.2	18	6	26	-3	46	0
QENA	270	2		00	0	0	—	14.2	19	4	27	-7	37	0
LUXOR (A)	300	3	12	02	0	0	—	13.6	20	2	27		30	0
ASWÂN	360	3	10	01	0	1	ci	13.1	23	2	28	-6	26	0
SÎWA	320	4	14	02	0	0	—	16.3	20	4	25	-2	35	0
BAḤARÎYA	00	0	10	02	0	0	—	16.6	19	7	24	-4	46	0
FARAFRA	350	1	12	02	0	0	—	16.8	20	-2	24		23	0
DAKHLA	340	5	10	02	0	0	—	15.9	21	-11	27	-4	11	0
KHARGA	00	0	8	02	0	0	—	13.5	20	0	28	-3	26	0
SUEZ	330	3	10	01	0	0	—	14.3	19	12	24	-2	64	0
TÔR														
HURGHÂDA	320	16	12	02	0	0	—	12.8	22	4	24	+1	31	0
QUSEIR	00	0	20	02	0	0	—	13.4	20	8	24	-2	46	0
PORT SÛDÂN	350	5	20	01	1	0	—	12.8	23	19	27		79	0
WÂDI ḤALFA	20	8	20	01	0	1	ci	13.3	22	2	30		27	0
ABU ḤAMAD	310	5	24	01	1	0	—	11.4	25	-8	33		11	0
KAREIMA	10	7	21	01	1	0	—	11.8	26	-10	31		9	0
ʿAṬBARA	360	9	20	01	1	1	ac	9.9	27	-6	35		11	0
KHARTOÛM	350	8	20	01	2	0	—	9.3	30	3	36		18	0
KASSALA	350	1	20	01	2	0	—	7.7	28	7	37		27	0
WÂD MEDANI											37			
RENK											37			
ROSEIRES											38			
EL OBEID	30	5	20	01	1	1	ac, ci	8.1	29	-1	36		14	0
EL FASHER	70	5	20	01	2	5	ac, cs	6.8	30	7	35		24	0
GENEINA														
MALAKÂL	150	1	20	01	2	4	cs	8.2	29	18	34		52	0
WÂU	220	1	20	01	0	1	ci	7.0	28	19	33		58	0
JUBA	00	0	24	01	1	1	sc	8.1	26	23	30		84	0

At 0600 on TUESDAY 2nd APRIL, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	90	4	18	02	0	0	—	18.1	+2.9	15	10	12	0	72	0	256	
	303	SÎDI BARRÂNI	320	13	18	00	0	3	cu	17.4		16	9	13		64	0	252	
	306	MATRÛḤ (A)	270	7	15	02	2	5	cu	17.5	+1.9	15	11	9		77	0	259	
	309	EL ḌAB'AA	200	4	10	00	0	4	ac	15.8		14	10	9		77	0	203	
	319	ALEXANDRIA	310	8	20	03	0	2	cb	16.7	+1.7	16	10	14	0	68	0	278	181
	318	ALEXANDRIA (A)	300	8	16	03	0	5	cu	16.8	+0.6	16	11	13	+1	72	0	245	137
	330	DAMIETTA	220	2	4	03	2	7	sc	16.4	+1.5	14	11	8	-4	82	0	214	101
	333	PORT SA'ÎD (A)	250	13	12	01	0	2	sc	15.7	-0.3	16	11	13	-2	72	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	230	9	4	01	2	6	ns				11					138	94
	342	MANṢÛRA	40	3		03	1			16.7	+1.4	14	10	9	-2	77	0	68	48
	348	ṬANṬA	00	0	20	03	2	7		17.0	+1.6	17	11	8	-2	62	0	79	35
	360	SHEBÎN EL KÔM	140	2	10	00	0	0	—	17.1	+2.0	15	11	10		77	0	58	
	354	ZAGAZIG	220	1	10	03	1	4	cu	16.6	+1.3	14	10	9	-1	77	0	53	25
	441	ISMA'ÎLÎA																	
CAIRO AREA	366	CAIRO (A)	310	1	12	03	0	4	cu	17.3		15	9	11		68	0	48	
	372	CAIRO ALMÂZA (A)	00	0	10*	03	1	4	sc, cu	16.9	+0.6	15	9	11	-1	68	0	53	
	374	CAIRO EZBEKÎYA										17	10	11	-1	64	0	43	23
	375	GIZA	00	0	8	03		2	cu	17.4	+1.7	15	13	8	-2	66	0	53	22
	378	ḤELWÂN	00	0	4	02	0	1	cu	17.4	+2.3	14	8	9	-4	67	0	36	25
UPPER EGYPT	381	FAYOÛM	360	4	20	03	0	2	cu, sc	17.9	+2.4	16	9	10	-1	64	0	16	8
	387	MINYA (A)	360	6	8	02	0	0	—	17.4	+0.8	15	9	8	-1	68	0	2	
	393	AṢYOÛṬ (A)	290	5	10	02	0	0	—	17.7	+2.9	15	5	11	0	52	0	dr.	
	399	NAG' ḤAMÂDI	00	0	4	00	0	0	—	17.0	+3.0	17	8	10	-1	56	0	1	
	402	QENA	270	2	10	00	0	0	—	16.9	+3.1	20	6	11	-3	41	0	dr.	
	405	LUXOR (A)	00	0	22	02	0	0	—	16.1	+2.2	18	2	10		34	0	0	
	414	ASWÂN	00	0	12	02	0	0	—	16.6	+3.3	18	3	12	-5	37	0	8	
OASES	417	SÎWA	00	0	14	02	0	0	—	18.4	+1.9	14	8	9	-1	67	0	22	8
	420	BAḤARÎYA	00	0	20	02	0	0	—	17.9	+1.9	15	9	13	+2	68	0	2	7
	423	FARAFRA	270	2	15	02	0	0	—	19.6		12	-3	8		36	0	dr.	
	432	DAKHLA	00	0	17	02	0	0	—	18.6	+3.7	14	-4	13	+1	29	0	1	
	435	KHARGA	00	0	12	02	0	0	—	15.9	+1.4	18	6	12	-1	46	0	3	
RED SEA	450	SUEZ	330	2	20	00	0	3	cu	16.3	+1.1	16	10	10	-4	68	0	36	15
	459	TÔR																	
	462	HURGHÂDA	320	19	22	00	0	1	cu	15.4	+0.8	20	9	12	-2	49	0	dr.	
	465	QUSEIR	340	15	20	02	0	0	—	15.2	+2.2	22	6	16	-2	36	0	dr.	4
	641	PORT SÛDÂN	360	5	20	03	0	7	ac, ci	13.8		25	15	17		54	0		
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	1	ci	16.4		18	3	12		37	0		
	640	ABU ḤAMAD	360	5	24	03	0	7	ac, cs	15.1		22	-5	15		16	0		
	660	KAREIMA	70	6	21	03	2	7	cs	15.6		22	-2	17		20	0		
	680	ʿAṬBARA																	
	721	KHARTOÛM	10	15	20	02	1	4	ac, ci	13.3		25	-5	22		14	0		
	730	KASSALA	10	3	20	02	2	7	cs	12.4		26	10	16		37	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	13	20	02	0	1	cs	12.8		26	-7	20		11	0		
	801	RENK	360	5	20	02	0	0	—	12.8		29	0	21		15	0		
	802	ROSEIRES	310	2	20	02	0	1	ac	14.1		27	4	21		23	0		
	771	EL OBEID	90	12	50	02	0	1	ci	11.7		25	-6	19		13	0		
	780	EL FASHER	310	5	40	03	2	7	ac	13.3		23	-20	21		5	0		
	770	GENEINA	40	8	50	01	2	6	ac, cs	12.3		25	-8	22		11	0		
S. SÛDÂN	840	MALAKÂL	10	13	20	03	2	7	ac, ci	11.8		27		25			0		
	880	WÂU	00	0	20	02	2	6	ac, as	10.3		25	21	23		13	0		
	941	JUBA	80	7	24	02	0	1	ac	11.1		25	22	21		84	1		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4		2-4	
TIME	17		17		17		17		17		17		17		23		23		23		23	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	11	340	13	340	15	320	17	330	24	40	9	320	12	330	14	310	16	360	19	20	12
600 m.	280	9	330	10	330	16	320	14	320	20	30	19	330	14	340	15	310	16	360	16	10	5
1000 m.	300	9	330	5	340	10	300	12	320	16	30	11	330	13	330	14	310	14	340	10	330	6
1500 m.	290	10	280	10	30	10	340	12	260	19	20	15	340	27	320	13	290	13	300	17	320	13
2100 m.	280	9			10	4	330	11	260	12	20	21	340	21					310	24	320	12
2400 m.	280	12					320	15	280	10	20	15	330	19					300	23	300	16
3000 m.							320	20	290	17			310	16					290	25	300	19
4000 m.							310	28														
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		Asyout		Minya		Siwa	
DATE	2-4		2-4		2-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4	
TIME	23		23		23		5		5		5		5		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	23	10	10	260	4	330	13	300	12	40	10	330	10	320	34	340	3	330	3	320	2
600 m.	240	11	10	10	350	8	340	15	320	11	30	13	20	5	320	45	360	7	340	10	330	4
1000 m.	270	35	360	11	340	10	340	15	320	12	360	14	350	15	350	5	360	7	350	9	30	4
1500 m.			300	4	330	17			300	12	320	20	340	15							340	10
2100 m.					310	20			310	21	320	24	360	15							340	12
2400 m.					310	27			330	17	330	32	350	17							340	17
3000 m.											320	30	330	26							320	19
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Salloum		S. Barrani		Luxor		Baharia		Farafra		Dakhla		Kharga		Hurghada	
DATE	3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4	
TIME	5		5		5		11		11		11		11		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	15	350	6	350	6	60	9	330	4	300	6	310	6	10	4	10	10	330	17	340	17
600 m.	330	4	350	8	10	10	50	11	350	5	290	6	300	3	350	5	20	12	320	21	320	18
1000 m.	30	9	340	9	360	16	20	4	330	5	300	10	310	4	350	4	360	5	330	22	300	14
1500 m.	10	10			330	24			340	4	320	13	320	6	300	18	350	11			290	20
2100 m.					300	20					310	17	330	15	320	17	340	19			300	26
2400 m.					300	20					320	23	330	16	330	13	340	19			300	40
3000 m.					300	28							330	23	330	18						
4000 m.													320	28								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						2-4					2-4									
TIME						14					12									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED
Surface						25					111	27		360	11					
1000 mb.						1149	12		340	6	153	27		360	11					
950 mb.																				
900 mb.																				
850 mb.						1501	5		320	11	1546	13		300	10					
800 mb.																				
700 mb.						3067	-2		310	25	3134	2		310	15					
600 mb.																				
500 mb.						5681	-17		290	58	5777	-14		310	37					
400 mb.						7315	-29		280	59	7435	-26		310	50					
300 mb.						9929	-45				9471	-37		310	59					
200 mb.						11930	-56													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 3rd APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No apparent change in weather conditions all over the Republic. Moderate NWly winds. Some low clouds over Lower Egypt and Cairo.

In Upper Egypt: Clear sky and light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 43 U.T. / " " Sunset 16 15 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
SALLOUM	20	12	18	02	0	0	—	18.0	20	8	46
SIDI BARRANI	330	13	18	02	0	2	Cu	18.1	18	11	64
MATRUH (A)	320	10	15	01	0	3	Cu	18.4	18	11	64
EL DABA'A	320	8	20	00	0	3	AC	18.1	19	9	52
ALEXANDRIA	310	2	20	01	0	1	Cu	17.9	19	9	52
ALEXANDRIA (A)	340	10	16	02	0	3	Cu	17.6	20	11	56
DAMIETTA	340	5	20	01	0	1	Cu	16.4	19	11	60
PORT SA'ID (A)	350	12	20	03	1	4	Cu, Sc	16.8	18	12	68
DAMANHUR	330	2	10	01	1	3	Cu	16.8	20	11	56
MANSURA	340	8		03	1	5	Cu	16.8	21	10	50
TANTA	310	1	20	03	2	7	Cu	17.8	20	11	56
SHEBIN EL KOM	140	5	20	01	1	3	Cu	17.1	20	6	41
ZAGAZIG	220	1	20	03	1	7	Cu	16.9	21	12	57
CAIRO (A)	280	10	15	01	2	5	Cu	17.0	21	8	44
CAIRO ALMAZA (A)	290	9	25	02	2	6	Cu, Sc	16.6	21	8	44
CAIRO EZBEKIYA											
GIZA	340	7	10	02	1	6	Cu	17.2	21	9	47
HELWAN	290	6	10	03	2	5	Cu	16.8	20	6	41
FAYOUM	330	4	20	02	1	3	Cu, Sc	16.8	23	8	38
MINYA (A)	350	9	10	02	0	0	—	16.5	25	4	26
ASYOUT (A)	330	17	16	02	0	0	—	16.5	24	3	26
NAG' HAMADI	290	2	10	00	0	0	—	15.4	26	7	30
QENA	290	4	20	00	0	0	—	14.7	27	2	20
LUXOR (A)	320	8	22	02	0	0	—	14.6	27	-1	16
ASWAN	40	9	16	02	0	0	—	14.9	27	4	23
SIWA	280	6	16	02	0	0	—	18.3	24	7	34
BAHARIYA	330	6	20	02	0	0	—	17.0	23	7	36
FARAFRA	270	8	20	02	0	0	—	17.4	25	2	22
DAKHLA	340	3	22	02	0	0	—	16.8	26	-4	14
KHARGA	10	6	18	02	0	0	—	15.2	27	1	19
SUEZ	330	3	50	03	0	6	Cu	15.8	22	9	44
TOR											
HURGHADA	10	20	22	02	0	0	—	14.1	24	6	32
QUSEIR	30	10	20	02	0	0	—	14.6	23	15	61
PORT SUDAN	30	17	10	07	2	5	Sc, CS	12.3	27	18	58
WADI HALFA	350	8	20	03	0	1	Ci	14.5	29	3	19
ABU HAMAD	320	9	20	03	2	6	Ci	11.9	31	-5	9
KAREIMA	60	11	21	01	1	2	Ci	12.0	33	-3	10
ATBARA	10	15	10	07	1	2	Ci	9.9	33	-7	7
KHARTOUM	20	18	15	07	0	1	Ci	8.5	33	0	12
KASSALA	10	9	20	03	2	7	CS	7.2	34	1	12
WAD MEDANI	340	13	20	02	0	0	—	7.5	35	-6	7
RENK	360	5	20	02	0	0	—	7.8	38	-1	9
ROSEIRES	50	5	20	02	0	1	Ci	4.3	38	3	7
EL OBEID	60	14	20	03	0	3	CS	7.6	33	-13	5
EL FASHER	50	6	30	02	1	5	CS	7.3	34	7	19
GENEINA	170	5	50	03	1	5	AC, CS	7.1	25	-3	9

At 1800 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	20	10	12	02	0	0	—	18.0	16	9	21	-3	64	0
SIDI BARRANI	130	9	12	02	0	2	Cu	17.9	15	11	18		77	0
MATRUH (A)	360	7	12	01	1	3	Sc, Cu	17.3	14	12	19		88	0
EL DABA'A	320	1	20	00	0	0	—	17.2	15	11	19		77	0
ALEXANDRIA	360	13	20	01	0	0	—	18.0	16	12	20	-3	77	0
ALEXANDRIA (A)	350	10	10	01	2	1	Cu	18.0	16	10	20	-1	68	0
DAMIETTA	240	5		00	0	0	—	17.1	16	11	19	-2	72	0
PORT SA'ID (A)	240	14	18	01	1	1	Sc	17.2	17	11	21	0	68	0
DAMANHUR	330	2	10	02	0	0	—	17.6	15	11	21	-4	77	0
MANSURA	00	0		01	0	0	—	17.2	16	10	22	-3	68	0
TANTA	310	2	10	02	0	0	—	17.9	14	12	23	-4	88	0
SHEBIN EL KOM	140	2	10	01	1	2	Sc	17.5	15	9	21		68	0
ZAGAZIG	220	1	10	02	0	0	—	16.9	16	12	22	-4	77	0
CAIRO (A)	20	9	12	01	2	0	—	17.2	17	10	21		64	0
CAIRO ALMAZA (A)	10	10	15	02	0	1	Sc	16.8	17	11	23	-2	68	0
CAIRO EZBEKIYA											25	-2		
GIZA	50	10	8	01	1	0	—	17.1	17	10	23	-4	64	0
HELWAN	320	1	10	01	1	2	Cu	16.4	18	8	21	6	52	0
FAYOUM	350	4	20	01	0	0	—	16.3	18	6	24	-4	46	0
MINYA (A)	40	2	8	02	0	0	—	16.4	18	7	26	-2	49	0
ASYOUT (A)	290	5	10	02	0	0	—	16.3	19	3	26	-2	35	0
NAG' HAMADI	00	0		00	0	0	—	15.9	19	9	27	-3	52	0
QENA	280	1		00	0	0	—	15.5	20	3	27	-7	35	0
LUXOR (A)	10	9	12	02	0	3		15.0	22	-1	28		21	0
ASWAN	320	2	12	02	0	0	—	15.0	23	5	28	-6	32	0
SIWA	320	6	14	02	0	0	—	16.8	21	4	25	-3	33	0
BAHARIYA	00	0	10	02	0	0	—	17.0	18	7	24	-4	49	0
FARAFRA	360	2	12	02	0	0	—	18.1	19	0	26		28	0
DAKHLA	340	3	8	02	0	0	—	18.0	21	-5	27	-4	17	0
KHARGA	00	0	9	02	0	0	—	18.0	21	2	28	-3	29	0
SUEZ	330	3	10	01	0	3	Cu	16.2	20	13	23	-3	64	0
TOR														
HURGHADA	310	16	12	02	0	0	—	14.9	19	1	24	+1	30	0
QUSEIR	300	3	20	02	0	0	—	14.9	20	8	24	-2	46	0
PORT SUDAN	360	8	20	01	2	0	—	14.3	24	16	27		61	0
WADI HALFA	340	11	20	02	0	1	Ci	15.5	23	2	30		26	0
ABU HAMAD	360	5	22	02	0	1	Sc, Ac, CS	12.4	23	-4	32		16	0
KAREIMA	20	7	21	03	0	2	AC, Ci	12.3	26	-6	33		12	0
ATBARA	10	10	20	02	0	1	Ci	11.0	25	-4	34		15	0
KHARTOUM	10	8	20	02	2	7	CS	9.5	29	3	35		19	0
KASSALA	350	3	20	02	0	0	—	8.5	26	0	35		18	0
WAD MEDANI											36			
RENK											39			
ROSEIRES											39			
EL OBEID	50	5	20	01	0	2	Ci	8.7	27	-4	35		13	0
EL FASHER	70	8	30	02	1	0	—	8.2	29	6	35		23	0
GENEINA	00	0	50	01	1	1	CS	7.0	31	5	36		19	0
MALAKAL	10	9	20	02	1	3	AC, CS	7.3	29	7	38		25	0
WAU	00	0	30	01	2	0	—	6.6	28	21	34		66	dr
JUBA	00	0	20	13	9	6	Cu, Ci	8.0	24	23	33		94	2

At 0600 on WEDNESDAY 3rd APRIL 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	00	0	10	01	0	1	Sc	18.6	+3.5	15	10	12	0	72	0	255	
	303	SIDI BARRANI	00	0	16	00	0	0	—	18.3		14	10	8		77	0	252	
	306	MATRUH (A)	220	4	16	01	1	3	Sc, Cu	18.6	+3.1	14	12	9		88	0	259	
	309	EL DABA'A	250	1	10	00	0	5	CS	17.6		16	10	9		68	0	203	
	319	ALEXANDRIA	350	10	20	03	0	6	Cu, Sc	18.0	+3.7	15	7	14	0	59	0	278	181
	318	ALEXANDRIA (A)	340	10	12	02	2	7	Sc	17.8	+1.6	13	7	14	+2	59	0	245	197
	330	DAMIETTA	200	2		03	1	6	Cu	17.9	+3.1	15	10	10	-2	72	0	214	101
	333	PORT SA'ID (A)	270	12	12	03	0	6	Sc	17.8	+1.8	16	11	14	-1	72	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	20	2		01	1	6	Cu, Sc	18.6	+3.5	16	8	10	-1	59	0	198	94
	342	MANSURA	340	3		03	1	6	Cu	17.4	+2.2	16	10	9	-2	68	0	68	48
	348	TANTA	360	8	20	03	2	6	Cu	18.1	+2.8	16	8	7	-3	59	0	79	35
	350	SHEBIN EL KOM	220	2	10	00	0	0	—	18.7	+3.6	14	10	10		77	0	58	
	354	ZAGAZIG	220	1	10	02	0	0	—	17.9	+2.7	13	11	9	-1	88	0	53	25
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	50	3	12	01	1	2	Sc	18.5		15	9	11		68	0	48	
	372	CAIRO ALMAZA (A)	40	6	15	02	2	6	Sc, Cu	18.3	+2.0	15	10	12	0	72	0	53	
	374	CAIRO EZBEKIYA										17	10	13	+1	64	0	43	23
	375	GIZA	40	3	8	01		2	Cu	18.4	+2.8	15	12	10	0	82	0	53	22
	378	HELWAN	360	2	10	02	0	1	Cu	18.3	+3.3	15	8	11	-2	63	0	36	25
UPPER EGYPT	381	FAYOUM	40	6	20	03	1	4	St	19.1	+3.7	17	10	11	-1	64	0	16	8
	387	MINYA (A)	360	4	9	02	0	0	—	18.6	+2.8	15	10	9	-1	72	0	3	
	393	ASYOUT (A)	290	3	16	02	0	0	—	18.5	+3.8	15	4	12	+1	48	0	dr	
	399	NAG' HAMADI	00	0		00	0	0	—	17.6	+3.6	17	7	10	-1	52	0	1	
	402	QENA	270	1	10	00	0	0	—	17.2	+3.5	18	6	11	-3	46	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	16.9	+3.1	19	4	10		37	0	0	
	414	ASWAN	00	0	12	03	0	2	Ci	17.1	+3.9	20	6	12	-5	41	0	8	
OASES	417	SIWA	120	2	10	02	0	0	—	18.1	+1.7	12	4	8	-2	59	0	22	8
	420	BAHARIYA	320	1	20	02	0	0	—	18.9	+3.9	14	10	13	+2	77	0	2	7
	423	FARAFRA	240	1	15	03	0	1	Ci	19.2		14	-2	8		34	0	dr	
	432	DAKHLA	00	0	8	03	0	4	Ci	18.6	+3.7	17	3	12	-1	39	0	1	
	435	KHARGA	00	0	12	03	0	2	Ci	16.4	+2.0	18	4	10	-4	40	0	3	
RED SEA	450	SUEZ	40	2	20	00	0	5	Cu	17.8	+2.7	17	11	11	-4	68	0	36	15
	459	TOR																	13
	462	HURGHADA	320	18	22	00	0	1	Cu	16.1	+1.6	20	11	13	-1	56	0	dr	
	465	QUSEIR	330	14	20	03	0	1	Cu	16.1	+3.1	21	10	14	-4	50	0	dr	4
	641	PORT SUDAN	340	8	20	02	2	6	CC	15.1		25	15	17		54	0		
NORTH SUDAN	600	WADI HALFA	10	7	20	03	1	4	Ci	17.7		18	3	14		37	0		
	640	ABU HAMAD	360	13	23	07	1	4	Ci	15.3		21	-5	14		17	0		
	660	KAREIMA																	
	680	ATBARA	10	8	20	02	1	4	CS	13.5		23	-2	15		19	0		
	721	KHARTOUM	20	13	20	02	1	3	AC, Ci	13.1		25	-4	18		15	0		
	730	KASSALA	20	5	20	03	0	5	Ci	11.0		26	9	16		35	0		
CENTRAL SUDAN	751	WAD MEDANI	360	19	20	02	0	0	—	12.7		24	-7	19		13	0		
	801	RENK	360	5	20	02	0	0	—	12.3		27	0	18		17	0		
	802	ROSEIRES	50	9	20	02	2	1	AC	9.5		29	2	23		13	0		
	771	EL OBEID	40	18	20	03	1	3	Ci	11.7		25	-9	18		10	0		
	760	EL FASHER	00	0	30	03	1	7	AC, CS	13.8		22	2	18		27	0		
	770	GENEINA	40	10	50	01	1	2	CS	12.6		24	-9	19		11	0		
S. SUDAN	840	MALAKAL	30	17	20	02	1	5	AC	10.1		28	-4	22		12	0		
	880	WAU	320	4	20	01	2	4	AC	9.3		26	22	24		79	dr		
	941	JUBA	180	5	24	03	1	3	AC, Ci	9.4		25	22	21		84	3		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4		3-4	
TIME	17		17		17		17		17		17		17		23		23		23		23	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	5	350	8	340	11	330	14	330	15	20	16	50	8	10	8	320	5	30	18	90	21
600 m.	70	5	340	13	340	14	340	15	320	17	10	15	40	5	20	10	310	4	30	18	120	14
1000 m.	30	3	350	12	330	10	350	16	320	14	360	15	40	5	20	11	340	9	360	11	160	9
1500 m.	330	5	320	16	280	18	340	14	290	7	340	16	30	4			350	14	330	4	90	1
2100 m.	280	4	330	16	330	12	310	12	310	12	350	8	350	8			360	21	10	12	270	9
2400 m.	300	6	320	16	330	19	320	16	300	14	350	14	360	12					350	19	280	20
3000 m.	360	17	320	18			340	19			330	18	340	10					310	21	280	14
4000 m.	330	10											290	25								
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	3-4		3-4		3-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4	
TIME	23		23		23		5		5		5		5		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	4	40	10	340	15	50	10	20	4	40	13	100	26	30	13	40	5	20	15	120	11
600 m.	70	4	30	10	350	30	50	12	30	5	40	13	120	21	60	12	50	12	30	15	110	31
1000 m.	30	5	330	6	350	25	40	13	20	5	20	17	130	10	60	9	70	7			120	25
1500 m.	150	4	350	15	20	13	360	11	40	18	20	12	120	11							140	20
2100 m.			330	13					60	14			40	6								
2400 m.			330	20					70	15			320	13								
3000 m.			310	21									320	16								
4000 m.			310	34									300	18								
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Asyout		Luxor		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4	
TIME	5		3		5		5		5		11		11		11		11		11		11	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	100	14	60	12	360	11	30	7	20	13	40	9	40	5	70	7	170	5	70	10	10	6
600 m.	100	22	40	13	30	13	20	16	30	15	10	7	360	4	80	5	160	5	60	7	330	9
1000 m.	100	21	40	19	50	17	20	20	70	12	10	10	10	7	120	6	170	5	40	4	300	3
1500 m.	100	6	20	17	20	11	40	14	60	11	40	10	360	8	110	7					260	9
2100 m.	90	1			360	15	40	14			60	9	40	9	50	2					260	2
2400 m.	280	6			360	16					340	6	40	4	50	3					340	11
3000 m.											350	9	10	9	20	5					320	19
4000 m.											320	17			300	9						
5000 m.											290	23										
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						3-4					3-4									
TIME						12					12,30									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	17				111	28		10	10					
1000 mb.						175	15		340	7	144	28		10	10					
950 mb.																				
900 mb.																				
850 mb.						1529	7		340	6	1536	10		300	10					
800 mb																				
700 mb.						3096	-1		330	13	3129	6		300	23					
600 mb.																				
500 mb.						5706	-17		290	25	5779	-11		290	37					
400 mb.						7341	-28		290	56	7472	-23		290	46					
300 mb.						9325	-46		290	70	9518	-36		290	61					
200 mb.						11930	-59				12220	-55		280	109					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Thursday 4th April, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous or and on 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	during preceding hour not at time of observation
15	" reaching ground but distant 5 kms.	during preceding hour not at time of observation
16	" " " near the station	during preceding hour not at time of observation
17	Thunder heard, no precipitation	during preceding hour not at time of observation
18	Squalls within sight during past hour	during preceding hour not at time of observation
19	Funnel cloud (s) within sight during past hour	during preceding hour not at time of observation
20	Drizzle (not freezing) not falling as shower (s)	during preceding hour not at time of observation
21	Rain (" ,) not falling as shower (s)	during preceding hour not at time of observation
22	Snow not falling as shower (s)	during preceding hour not at time of observation
23	Rain and snow not falling as shower (s)	during preceding hour not at time of observation
24	Freezing drizzle or rain not falling as shower (s)	during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature continues all over the Republic; but weather is still mild in Lower Egypt and Cairo. Some low clouds during day specially near the N. coast; high clouds everywhere. Light to moderate NE ly winds. In Upper Egypt: Some high clouds. Light N ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 41 U.T. / Sunset 16 15 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 3rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	00	0	18	03	0	6	cs	18.3	19	10	56	
	303	SÎDI BARRÂNI	80	9	18	03	0	6	ci	19.4	18	10	60	
	306	MATRÛH (A)	340	7	16	03	1	6	ci	19.7	18	10	60	
	309	EL DAB'AA	360	10	20	00	0	0	—	19.1	19	7	46	
	319	ALEXANDRIA	310	14	20	01	1	3	cu, cs	19.2	19	7	46	
	318	ALEXANDRIA (A)	320	11	16	01	2	4	sc	18.9	19	9	52	
	330	DAMIETTA	320	2	20	01	0	1	cu	17.7	18	10	60	
	333	PORT SAÏD (A)	340	11	20	01	0	1	cu	17.8	19	11	60	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	330	2	10	01	1	2	cu	18.2	19	9	52	
	342	MANŞÛRA	270	5		01	0	1	cu	17.9	22	9	53	
	348	ṬANṬA	310	8	20	01	1	2	cu	17.6	21	10	50	
	360	SHEBÎN EL KÔM	160	5	20	01	1	1	cu	17.8	21	4	33	
	354	ZAGAZIG	320	1	20	01	1	3	ci	17.2	22	11	50	
	441	ISMA'ILÍA												
CAIRO AREA	366	CAIRO (A)	330	10	20	01	0	1	cu	17.6	21	6	38	
	372	CAIRO ALMÂZA (A)	310	9	20	02	0	1	cu	17.8	21	8	44	
	374	CAIRO EZBEKÎYA												
	375	GIZA	330	7	10	01	0	1	cu	18.3	21	8	44	
	378	HELWÂN	290	7	10	01	0	0	—	17.5	20	6	41	
UPPER EGYPT	381	FAYOÛM	360	6	20	01	1	1	cu, sc	17.6	23	7	36	
	387	MINYA (A)	340	5	10	02	0	0	—	17.8	25	7	32	
	393	AŞYOÛṬ (A)	350	6	16	02	0	0	—	16.9	24	2	24	
	399	NAG' HAMÂDI	220	2	10	00	0	2	Ac	15.2	27	6	27	
	402	QENA	290	2	20	00	0	0	—	14.8	27	11	37	
	405	LUXOR (A)	340	8	22	02	0	0	—	14.6	27	-1	16	
	414	ASWÂN	360	10	15	02	0	2	ci	15.0	28	7	27	
OASES	417	SÎWA	90	1	16	02	0	2	ci	18.7	25	6	30	
	420	BAHARÎYA	290	2	20	03	0	2	ci	17.8	24	7	34	
	423	FARAFRA	310	3	20	03	0	1	ci	17.6	26	1	20	
	432	DAKHLA	320	11	25	02	0	2	ci	16.8	26	-3	15	
	435	KHARGA	340	3	20	01	1	2	ci	15.0	28	2	19	
RED SEA	450	SUEZ	310	6	50	01	0	0	—	18.3	22	6	36	
	459	TÔR												
	462	HURGHÂDA	350	15	22	01	0	0	—	15.2	25	6	30	
	465	QUSEIR	360	12	20	02	0	0	—	15.2	28	9	44	
	641	PORT SÛDÂN	50	13	20	03	1	6	Ac, ci	12.7	27	17	55	
NORTH SUDAN	600	WÂDI HALFA	30	8	20	01	1	2	ci	14.4	28	6	25	
	640	ABU ḤAMAD	360	5	24	02	2	7	cs	11.2	30	-6	9	
	660	KAREIMA	50	7	21	02	2	7	cs	12.0	30	-6	9	
	680	ṬBARA	10	10	20	03	2	7	as	9.4	33	-6	8	
	721	KHARṬOÛM	360	9	20	02	2	4	Ac, ci	8.4	33	-2	10	
	730	KASSALA	320	4	20	02	0	2	ci	5.6	35	3	13	
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	1	ci	6.8	35	-6	7	
	801	RENK	310	9	20	02	2	2	Ac	7.8	37	4	13	
	802	ROSEIRES												
	771	EL OBEID	70	11	20	02	1	3	ci	7.2	33	-7	7	
	760	EL FASHER	340	7	30	01	1	3	ci	7.5	33			
	770	GENEINA	50	6	50	02	0	2	cs	16.7	31	-5	9	
S. SÛDÂN	840	MALAKÂL	50	13	20	02	2	7	Ac, cs	5.8	37	-5	7	
	880	WÂU	40	4	20	02	0	1	ci	5.1	37	6	14	
	941	JUBA	90	3	24	15	1	6	cb	4.7	33	20	47	

At 1800 on 3rd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	02	2	7	cs	19.2	17	10	20	-4	64	0
SÎDI BARRÂNI	80	11	12	02	2	6	ci	18.6	15	9	18		68	0
MATRÛH (A)	60	7	15	01	0	0	—	19.9	14	8	19		67	0
EL DAB'AA														
ALEXANDRIA	360	12	20	01	0	2	cu	19.2	17	9	19	-4	60	0
ALEXANDRIA (A)	360	9	12	01	0	3	sc	19.2	15	9	19	-3	68	0
DAMIETTA	320	2		03	0	4		18.0	15	11	19	-2	77	0
PORT SAÏD (A)	340	14	15	01	0	0	—	18.0	16	10	21	0	68	0
EL 'ARISH														
DAMANHÛR	330	2	10	02	0	0	—	18.7	13	11	20	-5	88	0
MANŞÛRA	00	0		00	0	0	—	18.2	16	8	24	-2	59	0
ṬANṬA	310	2	10	02	0	0	—	19.1	13	9	23	-4	77	0
SHEBÎN EL KÔM	160	2	10	01	1	1	sc	18.7	15	9	22		68	0
ZAGAZIG	00	0	10	02	0	0	—	17.2	16	12	23	-4	77	0
ISMA'ILÍA														
CAIRO (A)	350	9	12	02	0	0	—	18.3	16	8	22		39	0
CAIRO ALMÂZA (A)	350	11	12	01	0	0	—	18.0	17	9	24	-1	60	0
CAIRO EZBEKÎYA											24	-3		
GIZA	10	4	10	01	0	0	—	17.7	16	9	22	-5	64	0
HELWÂN	340	5	10	01	0	0	—	17.8	18	6	21	-6	46	0
FAYOÛM	360	4	20	01	0	0	—	17.2	19	6	25	-3	43	0
MINYA (A)	10	1	8	02	0	0	—	17.2	17	7	25	-3	52	0
ASYOÛṬ (A)	350	4	12	02	0	0	—	16.9	19	4	25	-3	37	0
NAG' HAMÂDI	270	1		00	0	0	—	15.8	20	8	28	-2	46	0
QENA	270	1		00	0	0	—	14.4	21	4	28	-6	33	0
LUXOR (A)	00	0	12	02	0	0	—	14.3	20	4	28		35	0
ASWÂN	360	5	12	01	0	0	—	14.7	19	4	28	-6	37	0
SÎWA	40	3	14	01	1	1	ci	16.6	20	-1	26	-2	24	0
BAHARÎYA	00	0	10	02	0	0	—	17.0	18	7	26	-3	49	0
FARAFRA	360	3	12	02	0	0	—	17.2	20	-5	26		18	0
DAKHLA	40	2	12	02	0	0	—	16.4	22	-2	28	-4	20	0
KHARGA	340	5	8	02	0	0	—	14.4	22	0	28	-4	23	0
SUEZ	310	6	20	02	0	0	—	17.4	19	12	24	-3	64	0
TÔR														
HURGHÂDA	330	17	10	02	0	0	—	14.6	21	10	24	+1	50	0
QUSEIR	330	2	20	02	0	0	—	15.3	20	10	24	-3	53	0
PORT SÛDÂN	350	5	20	01	2	3	Ac	13.8	24	17	27		65	0
WÂDI HALFA	360	13	20	02	0	2	ci	14.5	24	5	29		30	0
ABU ḤAMAD	360	9	24	02	2	3	ci	11.9	25	-6	31		13	0
KAREIMA	20	1	21	01	2	3	ci	11.6	25	2	31		22	0
ṬBARA	350	4	20	01	2	4	cs	10.1	26	0	33		18	0
KHARṬOÛM	10	7	20	02	0	0	—	9.3	28	-3	34		13	0
KASSALA	340	2	30	01	0	0	—	7.3	27	4	36		23	0
WÂD MEDANI														
RENK											38			
ROSEIRES											39			
EL OBEID	20	8	20	01	1	1	ci	7.5	28	-5	34		11	0
EL FASHER	50	6	35	01	0	0	—	6.6	29	9	35		29	0
GENEINA	00	0	50	02	0	0	—	6.5	30	3	36		18	0
MALAKÂL	80	8	20	01	2	3	Ac, cs	5.3	30	-1	37		13	0
WÂU	00	0	20	01	0	0	—	4.9	31	11	38		29	0
JUBA	270	3	24	60	2	7	cb, Ac, As	6.2	27	19	35		62	dr

At 0600 on THURSDAY 4th APRIL, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	00	0	18	02	0	0	—	18.2	+3.2	15	10	13	+1	72	0	255	
SÎDI BARRÂNI	100	10	18	00	0	5	ci	18.1		14	10	9		77	0	252	
MATRÛH (A)	00	0	15	03	2	6	Sc, Ac	19.0	+3.6	13	12	7		74	0	259	
EL DAB'AA	90	10	17	00	0	5	cu	17.1		16	10	12		68	0	203	
ALEXANDRIA	130	6	20	03	0	6	cu, sc	19.6	+4.7	17	11	15	+1	68	0	278	181
ALEXANDRIA (A)	160	5	12	02	2	7	sc	19.5	+3.3	18	12	11	-1	77	0	246	137
DAMIETTA	200	2	10	01	0	2	Ac	19.4	+4.8	16	13	9	-4	82	0	227	181
PORT SAÏD (A)	40	1	12	01	1	3	Sc	19.2	+3.2	18	10	14	-1	60	0		
EL 'ARISH																	
DAMANHÛR	90	2	10	03	0	3	cu	19.0	+4.0	19	12	10	-1	64	0	139	94
MANŞÛRA	40	3		00	0	0	—	19.4	+4.2	16	12	10	-1	77	0	68	48
ṬANṬA	90	4	20	03	2	5	ci	20.0	+4.8	17	11	9	-1	66	0	79	35
SHEBÎN EL KÔM	200	2	10	01	1	1	ci	19.4	+4.4	15	11	11		77	0	38	
ZAGAZIG	140	1	10	03	1	3	ci	19.6	+4.4	15	11	9	-1	77	0	53	25
ISMA'ILÍA																	
CAIRO (A)	60	6	12	02	0	3	ci	18.0		16	9	10		64	0	48	
CAIRO ALMÂZA (A)	40	5	15	02	1	0	—	19.1	+2.9	15	9	11	-1	68	0	53	
CAIRO EZBEKÎYA										17	10	11	-1	64	0	43	23
GIZA	10	3	10	01	—	3	ci	19.9	+4.4	13	10	8	-2	82	0	53	22
HELWÂN	00	0	4	02	1	5	ci	19.1	+4.1	13	9	10	-3	77	0	36	25
FAYOÛM	360	6	20	02	2	6	cs	19.6	+4.2	15	8	10	-2	63	0	16	8
MINYA (A)	30	6	7	02	0	0	—	18.5	+2.8	14	9	8	-2	72	0	2	
ASYOÛṬ (A)	270	6	12	02	0	5	Ac, ci	16.4	+1.8	14	2	11	-1	45	0	dr	
NAG' HAMÂDI	00	0		02	0	4	Ac, cs	16.8	+2.9	19	7	11	0	40	0	1	
QENA	00	0	10	01	0	2	ci	17.1	+3.4	20	6	11	-3	41	0	dr	
LUXOR (A)	10	6	22	01	0	2	cs	17.1	+3.4	19	3	12	-1	35	0	0	
ASWÂN	360	4	12	03	0	3	ci	16.1	+2.9	18	2	13	-4	34	0	8	
SÎWA	100	13	15	01	2	5	cs	18.0	+1.7	14	8	12	+2	61	0	23	8
BAHARÎYA	40	3	10	03	2	7	cs	18.9	+3.0	14	10	8	-3	77	0	2	7
FARAFRA	60	3	15	03	0	7	cs	19.0		14	0	9		39	0	dr	
DAKHLA	00	0	15	01	1	4	ci	17.0	+2.2	18	2	13	0	34	0	1	
KHARGA	360	5	12	03	0	3	ci	15.2	+0.9	19	2	15	+1	32	0	3	
SUEZ	360	9	20	00	0	3	cu	20.6	+5.5	15	11	10	-4	77	0	36	15
TÔR																	13
HURGHÂDA	330	14	20	00	0	7	ci	17.0	+2.6	19	9	13	-1	52	0	dr	
QUSEIR	340	17	20	01	1	5	cs	16.2	+3.2	21	10	19	+1	50	0	dr	4
PORT SÛDÂN	360	7	20	02	1	3	Sc, ci	15.0		24	18	17		69	0		
WÂDI HALFA	10	5	20	03	0	3	ci	15.9		18	4	13		40	0		
ABU ḤAMAD	20	9	24	03	1	6	ci	13.3		21	5	16		35	0		
KAREIMA	70	6	21	03	0	2	ci	13.8		21	1	17		27	0		
ṬBARA	20	8	20	02	0	1	ci	12.4		21	-5	16		17	0		
KHARṬOÛM	20	13	20	02	0	0	—	11.8		23	-5	17		15	0		
KASSALA	00	0	20	02	0	0	—	9.5		26	7	18		30	0		
WÂD MEDANI	360	19	20	02	0	0	—	10.9		24	-7	16		13	0		
RENK	360	9	20	01	0	1	Ac	11.7		27	0	19		17	0		
ROSEIRES	310	2	20	02	0	1	ci			26	5			27	0		
EL OBEID	20	8	20	02	0	0	—	11.7		23	-9	16		11	0		
EL FASHER	10	9	30	03	0	2	cs	13.8		21	3	15		31	0		
GENEINA	50	7	50	03	1	5	cs	12.9		23	-9	18		11	0		
MALAKÂL																	
WÂU	20	2	20	02	0	1	Ac	9.4		24	13	20		50	0		
JUBA	180	7	24	15	0	7	cb, Ac, As	6.0		26	20			70	0		

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Asyout		Alex. (A)		P. Said		Minya		Asyout	
DATE	4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4		4-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	8	30	27	330	8	60	25	50	20	360	16	350	8	70	33	70	24	30	4	310	6
600 m.	80	23	20	22	350	6	90	15	60	14	20	15	360	4	90	33	70	28	30	7	320	9
1000 m.	110	18	30	8	310	13	110	15	60	22	40	12	20	7	120	20	70	26	50	10	320	9
1500 m.	140	21	10	18	10	5	130	18	70	21	60	4	50	13	130	12	100	22	60	14	300	10
2100 m.			160	16	10	4	100	9	130	26	40	5	40	12	160	3	90	14	50	13		
2400 m.			170	8			40	4	110	17	90	3			120	4	70	17	50	20		
3000 m.			190	9							110	7			180	5	60	7				
4000 m.																	290	2				
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Alex. A		P. Said		Minya		Asyout		Alex. (A)		P. Said		Minya		Asyout	
DATE	4-4		4-4		4-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	110	13	80	33	80	13	100	38	80	14	60	8	100	12	120	6	90	26	170	17	160	16
600 m.	120	42	70	33	70	12	100	30	90	23	110	7	130	10	120	17	60	21	160	26	170	29
1000 m.	110	33	70	22	30	11	180	20	90	18	100	13	110	10	110	22	140	25	160	24	170	36
1500 m.	120	56	70	4	40	2			110	10	160	18	190	5			150	24	170	31	180	45
2100 m.			150	4	190	14			130	9	100	15					150	19			200	30
2400 m.			220	2	00	0			120	7	90	15					150	18				
3000 m.			250	7	250	6			260	4												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Luxor								Luxor		Dakhla		Kharga		Hurghada	
DATE	5-4		5-4		5-4		5-4								5-4		5-4		5-4		5-4	
TIME	0500		0500		0500		0500								1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	110	12	90	19	60	9	70	15							180	3	210	19	160	19	110	10
600 m.	130	36	110	18	80	13	60	14							90	3	230	24	170	3	120	16
1000 m.	130	50	100	18	70	15	80	17							190	4	240	26	180	8	130	28
1500 m.	120	24	130	13	40	5	270	3							190	5					150	15
2100 m.	180	2			30	4	290	6							200	5					210	7
2400 m.	140	12					290	4													250	13
3000 m.							290	12													240	16
4000 m.							260	16														
5000 m.							300	34														
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matrah					Aswan											
DATE						4-4					4-4											
TIME						1100					12,30											
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface						25	20				111	30		10	6							
1000 mb.						167	19		100	12	135	30		10	6							
950 mb.																						
900 mb.																						
850 mb.						1530	10		100	8	1544	15		70	8							
800 mb.																						
700 mb.						3122	3		70	2	3150	6		310	8							
600 mb.																						
500 mb.						5754	-15		280	11	5814	-12		260	27							
400 mb.						7394	-30		260	39	7487	-22		270	37							
300 mb.						9830	-43		260	56	9550	-35										
200 mb.						12030	-58				12240	-57										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 5th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot Khamasin weather all over the Republic. Sly winds, moderate to fresh, reaches gale force at times. Rising sand locally from coast to Middle Egypt will begin this evening and improve by tomorrow evening. High and medium clouds increasing near coast where there is a chance of light rain in west tomorrow.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 40 U.T.; Sunset 16 16 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 4th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
MEDITERRANEAN	62300	SALLOÛM	270	12	18	02	0	3	ci	15.7	19	14	73
	303	SÎDI BARRÂNI	80	20	16	02	0	0	—	16.2	19	12	67
	306	MATRÛH (A)	80	15	18	02	0	0	—	17.3	20	12	60
	309	EL DAB'AA	40	14	18	00	0	0	—	17.1	19	9	52
	319	ALEXANDRIA	40	12	20	01	1	0	—	18.4	19	12	64
	318	ALEXANDRIA (A)	40	14	12	02	0	3	Sc	18.0	22	12	53
	330	DAMIETTA	90	5	20	00	0	0	—	18.6	21	9	47
	333	PORT SA'ÎD (A)	40	5	20	02	0	1	ci	18.9	20	11	55
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	110	5	20	01	0	1	cu	17.5	24	9	38
	342	MANSÛRA	40	5		02	0	0	—	18.0	24	7	34
	348	ṬANṬA	90	5	20	02	0	0	—	17.6	24	6	32
	360	SHEBÎN EL KÔM	140	5	20	00	0	0	—	17.8	23	1	24
	354	ZAGAZIG	40	1	20	02	0	0	—	17.2	23		
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	90	13	20	02	0	2	ci	16.6	24	-2	18
	372	CAIRO ALMÂZA (A)	60	12	25	01	1	1	ci	16.3	24	0	21
	374	CAIRO EZBEKÎYA											
	375	GIZA	90	10	10	02	2	2	ci	17.1	24	2	24
	378	ḤELWÂN	40	6	20	01	1	1	ci	15.9	24	-5	15
UPPER EGYPT	381	FAYOÛM	40	4	20	02	1	4	cs	16.4	24	1	22
	387	MINYA (A)	40	4	10	02	1	5	ci	16.0	27	0	17
	393	AṢYOÛT (A)	00	0	18	02	2	7	cs	14.7	26	-7	11
	399	NAG' ḤAMÂDI	00	0	10	03	0	5	AC,cs	13.9	27	6	27
	402	QENA	00	0	20	02	1	2	ci	13.5	26	0	18
	405	LUXOR (A)	360	5	22	02	0	1	ci	13.1	30	2	17
	414	ASWÂN	90	3	15	02	0	3	ci	11.8	30	-6	9
OASES	417	SÎWA	140	16	15	03	1	6	cs	14.1	25	0	19
	420	BAḤARÎYA	90	2	20	02	2	7	cs	15.8	25	8	34
	423	FARAFRA	100	3	20	03	2	7	cs	15.5	25	0	14
	432	DAKHLA	110	2	21	03	1	5	ci	11.4	29	0	15
	435	KHARGA	40	2	20	03	0	4	ci	12.7	29	-1	14
RED SEA	450	SUEZ	90	3	50	02	0	3	cu	17.4	25	5	28
	459	TÔR											
	462	HURGHÂDA	10	7	22	02	2	7	cs	14.6	22	9	44
	465	QUSEIR	360	10	20	02	2	5	cs	16.2	23	12	50
	641	PORT SÛDÂN	40	14	20	01	1	1	ci	11.9	27	18	58
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	02	0	1	ci	11.7	29	7	25
	640	ABU HAMAD											
	660	KAREIMA	60	5	21	01	0	0	—	8.8	32	-3	10
	680	'AṬBARA	340	8	20	01	0	0	—	6.6	34	-1	11
	721	KHARṬOÛM	20	4	20	02	0	0	—	5.9	34	0	12
	730	KASSALA	10	1	20	02	0	0	—	3.1	37	4	13
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK	310	5	20	02	0	0	—	6.1	37	-5	7
	802	ROSEIRES	230	5	20	02	1	3	cs	1.8	39	6	13
	771	EL OBEID	70	9	20	03	0	2	ci	5.5	33	-7	7
	760	EL FASHER	80	5	25	02	1	7	cs	5.3	34	12	27
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	30	5	20	02	2	3	cs	5.2	37	0	10
	880	WÂU	70	5	20	02	2	6	cs	3.7	38	2	11
	941	JUBA	40	6	24	02	6	7	cu,AC,ci	6.8	30	21	59

At 1800 on 4th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	80	12	10	02	1	8	Sc,AS	14.9	18	13	21	-5	73	0
303	SÎDI BARRÂNI	90	16	12	02	2	8	AS	14.6	16	12	19		77	0
306	MATRÛH (A)	70	10	10	01	0	1	cs	16.0	15	12	23		82	0
309	EL DAB'AA	20	10	20	00	0	0	—	15.2	16	10	20		68	0
319	ALEXANDRIA	90	14	20	02	0	0	—	16.7	18	9	21	-2	56	0
318	ALEXANDRIA (A)	50	10	12	01	0	0	—	16.5	16	9	23	+1	64	0
330	DAMIETTA	90	2		02	0	0	—	17.4	17	12	21	0	72	0
333	PORT SA'ÎD (A)	50	11	18	01	0	1	ci	17.4	17	12	21	0	72	0
336	EL 'ARISH														
339	DAMANHÛR	110	2	10	02	0	0	—	16.7	15	9	25	0	68	0
342	MANSÛRA	20	3		02	2	0	—	17.1	17	8	25	-1	56	0
348	ṬANṬA	90	5	10	02	0	0	—	17.1	15	6	25	-2	55	0
360	SHEBÎN EL KÔM	260	2	10	00	0	1		16.6	17	9	25		60	0
354	ZAGAZIG	20	1	10	02	0	0	—		17	9	24	-3	60	0
441	ISMA'ILÎA														
366	CAIRO (A)	100	19	12	01	0	0	—	15.5	19	3	25		35	0
372	CAIRO ALMÂZA (A)	50	22	12	01	1	4	ci	15.0	20	-12	26	+1	11	0
374	CAIRO EZBEKÎYA											27	0		
375	GIZA	70	10	9	01	1	3	ci	14.8	20	5	26	-1	38	0
378	ḤELWÂN	40	17	10	01	1	2	ci	14.2	20	3	25	-2	33	0
381	FAYOÛM	360	4	20	01	0	0	—	13.8	20	4	26	-2	35	0
387	MINYA (A)	10	4	8	01	1	0	—	12.3	16	6	28	0	52	0
393	AṢYOÛT (A)	300	4	12	01	1	2	ci	12.5	20	-4	27	-1	19	0
399	NAG' ḤAMÂDI	00	0		03	0	5	AS	13.9	19	9	29	-1	52	0
402	QENA	00	0		02	1	2	ci	12.6	20	11	30	-4	56	0
405	LUXOR (A)	00	0	12	02	0	2	cs	11.2	22	4	30		31	0
414	ASWÂN	320	2	10	01	0	2	ci	9.5	26	-5	32	-2	13	0
417	SÎWA	90	7	14	02	1	5	cs	12.6	22	0	26	-2	23	0
420	BAḤARÎYA	40	2	10	02	1	0	—	13.1	21	3	26	-3	31	0
423	FARAFRA	90	3	12	01	2	3	ci	13.2	19	-8	26		16	0
432	DAKHLA	90	2	9	01	1	3	ci	12.4	24	-4	30	-2	16	0
435	KHARGA	10	1	7	01	1	2	ci	10.6	24	9	30	-2	38	0
450	SUEZ	40	15	10	01	0	0	—	18.2	20	11	26	-1	56	0
459	TÔR														
462	HURGHÂDA	300	3	12	02	2	8	cs	14.2	16	9	22	-2	64	0
465	QUSEIR	300	5	20	02	2	6	cs	14.0	20	8	23	-4	46	0
641	PORT SÛDÂN	350		20	02	0	0	—	11.3	23	17	28		69	0
600	WÂDI ḤALFA	10	6	20	01	1	2	AC,ci	9.7	24	5	35		30	0
640	ABU HAMAD	360	2	24	01	0	0	—	7.8	26	-2	33		16	0
660	KAREIMA	50	2	21	02	0	0	—	7.9	27	0	33		17	0
680	'AṬBARA	350	6	20	02	0	1	ci	6.0	28	0	35		16	0
721	KHARṬOÛM	350	4	20	02	0	1	ci	5.5	29	5	36		22	0
730	KASSALA	360	4	20	01	0	0	—	3.9	29	4	38		20	0
751	WÂD MEDANI											37			
801	RENK														
802	ROSEIRES														
771	EL OBEID	20	1	20	01	0	1	ci	6.0	27	-1	33		16	0
760	EL FASHER	50	5	20	02	1	4	cs	6.0	28	9	35		31	0
770	GENEINA	00	0	50	01	2	1	cs	5.5	31	7	37		22	0
840	MALAKÂL	00	0	20	02	1	3	cs	4.6	30	11	39		31	0
880	WÂU	00	0	20	01	2	3	cs	3.7	32	10	40		26	0
941	JUBA	00	0	24	01	0	3	AC	6.4	26	21	31		74	1

At 0600 on FRIDAY 5th APRIL, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	00	0	18	02	2	7	Sc	8.9	-6.1	17	8	16	+4	56	0	255	
303	SÎDI BARRÂNI	130	13	18	02	0	7	AC,AS	9.3		16	6	11		52	0	252	
306	MATRÛH (A)	110	24	15	01	2	3	AC	10.4	-5.0	16	9	13		64	0	259	
309	EL DAB'AA	100	17	12	03	0	7	AC,ci	11.3		14	12	12		88	0	203	
319	ALEXANDRIA	90	14	10	03	4	6	cu,AS	11.8	-3.0	15	11	13	-1	77	0	218	181
318	ALEXANDRIA (A)	100	17	12	03	0	7	AC,ci	11.3	-4.9	14	12	12	0	88	0	246	187
330	DAMIETTA	160	5		03	0	4	AC	13.8	-0.9	18	13	13	0	73	0	227	101
333	PORT SA'ÎD (A)	90	18	15	03	0	4	AC,ci	13.6	-2.4	18	13	15	0	73	0		
336	EL 'ARISH																	
339	DAMANHÛR	90	5	10	03	0	4	St	12.2	-2.7	18	10	10	-1	60	0	139	94
342	MANSÛRA	140	3		03	1	6	AC	13.3	-1.8	17	13	11	0	77	0	68	48
348	ṬANṬA	90	15	20	03	2	6	cu,ci	12.2	-3.0	19	10	11	+1	56	0	79	35
360	SHEBÎN EL KÔM	200	2	10	01	1	2	cu	12.8	-2.2	17	9	12		60	0	58	
354	ZAGAZIG	40	1	10	01	1	3	ci	12.3	-2.8	16	12	12	+2	77	0	53	25
441	ISMA'ILÎA																	
366	CAIRO (A)	140	14	16	03	1	5	AC,ce	11.2		19	8	12		49	0	48	
372	CAIRO ALMÂZA (A)	110	18	15	02	0	4	Sc,cu,ci	11.1	-5.1	18	6	12	0	46	0	53	
374	CAIRO EZBEKÎYA										24	9	13	+1	49	0	43	23
375	GIZA	90	5	8	03		3	ci	11.6	-3.8	18	8	11	+1	52	0	53	22
378	ḤELWÂN	90	10	10	02	1	3	ce	11.1	-3.8	20	3	14	+1	33	0	36	25
381	FAYOÛM	160	4	20	02	0	0	—	11.6	-3.7	20	7	10	-2	43	0	16	8
387	MINYA (A)	140	5	7	02	0	0	—	11.3	-5.2	17	1	7	-3	34	0	2	
393	AṢYOÛT (A)	00	0	12	02	0	0	—	11.5	-3.1	16	-1	12	0	32	0	dr	
399	NAG' ḤAMÂDI	00	0		02	0	3	AC	12.6	-1.2	19	7	7	-4	46	0	1	
402	QENA	00	0	10	03	1	2	ci	12.7	-0.9	22	3	13	-1	29	0	dr	
405	LUXOR (A)	00	0	22	03	2	6	cs	11.6	-2.0	21	6	13		38	0	0	
414	ASWÂN	360	2	12	02	0	5	cs	10.8	-2.3	22	5	17	-1	33	0	8	
417	SÎWA	110	15	16	02	0	0	—	5.5	-10.7	16	-1	14	+3	32	0	23	8
420	BAḤARÎYA	130	8	10	07	0	0	—	9.2	-6.6	18	6	10	-1	46	0	2	7
423	FARAFRA	260	1	15	02	0	0	—	10.7		16	-9	9		17	0	dr	
432	DAKHLA	00	0	14	02	0	0	—	12.4	-2.3	15	-4	12	-1	27	0	1	
435	KHARGA	00	0	10	03	0	5	ci	9.9	-4.3	20	-3	12	-2	21	0	3	
450	SUEZ	00	0	20	00	0	3	cu	13.5	-1.5	18	13	11	-3	73	0	36	15
459	TÔR																	13
462	HURGHÂDA	320	9	22	00	0	3	ci	13.2	-1.2	21	5	11	-3	35	0	dr	
465	QUSEIR	330	11	20	02	2	7	cs	12.6	-0.3	23	9	16	-3	41	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI ḤALFA	00	0	20	03	1	8		10.8		20	3	17		33	0		
640	ABU HAMAD	70	2	24	03	1	7	cs	9.3		22	2	15		27	0		
660	KAREIMA	20	1	21	03	1	5	cs	9.4		21	0	15		25	0		
680	'AṬBARA	60	4	20	02	1	7	cs	8.5		24	7			34	0		
721	KHARṬOÛM	360	7	20	01	1	3	ci	9.3		25	1	19		21	0		
730	KASSALA	00	0	20	02	1	7	cs	6.9		26	9	17		35	0		
751	WÂD MEDANI	50	5	20	02	1	3	cs	8.3		25	0	15		19	0		
801	RENK	50	2	20	02	0	4	AC	10.6		27	-4	19		13	0		
802	ROSEIRES	230	2	20	02	0	2	AC	9.7		27	4	20		23	0		
771	EL OBEID	10	7	20	02	2	8	cs	8.5		24	-7	16		13	0		
760	EL FASHER	350	8	25	03	0	6	cs	10.3		23	7	15		36	0		
770	GENEINA																	
840	MALAKÂL	60	5	20	02	2	7	AC,cs	9.2		28	11	22		35	0		
880	WÂU	00	0	20	02	2	7	AC,cs	7.9		24	15	21		57	0		
941	JUBA	180	5	24	03	1	6	AC,AS	8.0		27	21	22		70	1		

SHIP REPORTS in code: 633 46 | 333 06 | 504 05 | 98022 | 163 16 | 000 91 | 144 XX | 05 446 | 100 XX

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		P. Said		Cairo (A)		Minya		Asyout		Luxor		Aswan		Minya		Asyout		Luxor		Aswan	
DATE	5-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4		5-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	33	120	17	190	17	200	22	190	18	220	11	310	5	270	28	300	17	310	26	240	3
600 m.	110	35	150	17	200	26	200	25	200	21	210	11	300	4	280	37	290	25	290	27	260	9
1000 m	150	37	160	15	200	32	210	23	200	31	200	11	300	3	260	30	290	25	320	28	260	11
1500 m.	180	45	200	15	200	29	220	24	220	22	220	9	250	10	230	32	280	22	320	31	250	12
2100 m.	190	50	190	9	200	30			240	24	220	12	110	10					300	31	210	10
2400 m.			180	15	200	29			230	36	230	12										
3000 m.			200	19					240	25												
4000 m.																						
5000 m																						
6000 m.																						

STATION	Alex. (A)		P. Said		Kharga																	
DATE	5-4		5-4		5-4																	
TIME	2300		2300		2300																	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	40	270	40	330	13																
600 m.	280	37	280	53	320	16																
1000 m.	280	37			330	27																
1500 m																						
2100 m.																						
2400 m																						
3000 m																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P. Said		Minya		Asyout		Luxor		Siwa		Kharga		Salloum		P. Said		Minya		Luxor		Siwa	
DATE	6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4	
TIME	0500		0500		0500		0500		0500		0500		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	210	26	250	15	250	16	350	4	330	21	300	6	310	16	200	18	270	28	290	22	320	21
600 m.	210	24	250	18	260	20	320	9	320	27	310	17	320	8	200	22	270	29	280	16	320	19
1000 m	200	34	270	35	290	27	330	11	320	23	300	30	320	10	200	23			290	29	330	14
1500 m.			260	6			320	17	330	23			20	11					20	4	340	20
2100 m.							310	16	330	34									330	16		
2400 m							310	19														
3000 m.																						
4000 m																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 6th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Stormy weather with rising dust from North of the Republic to Middle Egypt; tending to be cold in respect to this time of the year. Much medium and low clouds with rain near the northern coast, extending locally inland afterwards.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 ... 39 ... U.T. / Sunset 16 ... 17 ... U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 5 Th.

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	30	25	14	07	2	8	Ac, cs	1.2	19	12	64
	303	SÎDI BARRÂNI	80	26	16	01	2	4	Ac	2.2	19	11	60
	306	MATRÛḤ (A)	70	33	14	32	3	0	—	4.3	20	12	60
	309	EL DABʿAA	90	15	20	00	0	4	Ci	5.2	22	[illegible]	
	319	ALEXANDRIA	130	12	20	01	1	5	Ac, cs	6.4	25	5	28
	318	ALEXANDRIA (A)	120	8	12	02	0	2	Ac	6.5	26	6	28
	330	DAMIETTA	160	5	20	01	0	0	—	9.1	20	15	73
	333	PORT SAʿÎD (A)	70	17	18	01	0	1	Ci	7.4	20	0	69
	336	EL ʿARISH											
Lower Egypt	339	DAMANHÛR	110	13	10	01	1	3	ST	16.2	25	8	34
	342	MANṢÛRA	140	5		01	1	3	Cu	7.9	27	6	27
	348	ṬANṬA	200	5	20	01	1	1	Cu	6.6	26	5	27
	360	SHEBÎN EL KÔM	140	9	20	01	1	2	Ac	6.1	24	0	21
	354	ZAGAZIG	90	1	20	02	0	0	—	7.6	28	13	40
	441	ISMAʿILIA											
Cairo Area	366	CAIRO (A)	270	12	14	02	0	0	—	5.8	30	5	21
	372	CAIRO ALMÁZA (A)	270	13	20	02	1	0	—	6.5	31	3	17
	374	CAIRO EZBEKÎYA	140	5		01	1			6.9	27	6	27
	375	GIZA	200	10	10	03	0	1	Ci	6.7	30	-1	13
	378	ḤELWÂN	200	9	20	02	0	0	—	5.6	30	-4	11
Upper Egypt	381	FAYOÛM	200	4	20	02	0	0	—	6.4	32	2	15
	387	MINYA (A)	180	13	10	02	0	0	—	3.5	31	-1	12
	393	AṢYOÛṬ (A)	170	14	14	02	0	0	—	6.1	32	-17	4
	399	NAGʿ HAMÂDI											
	402	QENA	90	2	20	00	0	0	—			3	39
	405	LUXOR (A)	100	7	22	02	0	0	—	6.9	32	-14	4
	414	ASWÂN	320	2	15	02	0	4	Ci	8.4	32	-1	12
Oases	417	SÎWA	280	30	1.5	09	0	0	—	3.8	26	6	28
	420	BAḤARÎYA	220	15	3	31	3			4.9	31	9	26
	423	FARAFRA	270	23						6.6	30	-10	7
	432	DAKHLA	190	13	12	02	0	0	—	8.7	33	-5	8
	435	KHARGA	220	5	18	02	1	0	—	7.1	32	-2	11
Red Sea	450	SUEZ	180	9	50	01	0	0	—	9.8	24	14	54
	459	TÔR											
	462	HURGHÂDA	120	11	22	02	0	1	Ci	10.2	26	13	45
	465	QUSEIR	80	8	20	02	1	1	Cs	10.6	24	16	61
	641	PORT SÛDÂN	20	17	20	02	2	6	Ac, ci	7.6	27	20	66
North Sudan	600	WÂDI ḤALFA	00	0	20	02	2	7	Cs	6.6	33	9	23
	640	ABU ḤAMAD	00	0	24	01	2	6	Cs	5.7	33	5	17
	660	KAREIMA	10	4	21	03	1	6	Cs	5.2	35	-5	8
	680	ʿAṬBARA	320	7	20	03	1	5	Cs	3.5	36	-2	9
	721	KHARṬOÛM	310	2	20	02	2	4	Ci	2.3	37	10	19
	730	KASSALA	300	1	20	02	2	7	Cs	2.1	39	5	12
Central Sudan	751	WÂD MEDANI	270	5	10	02	1	3	Cs	2.0	37	0	10
	801	RENK	180	2	20	03	1	4	Ac	4.2	39	2	10
	802	ROSEIRES	230	5	20	02	1	7	Ac	0.5	40	0	8
	771	EL OBEID	310	4	20	02	2	6	Cs	2.7	36	-5	7
	760	EL FASHER	00	0	55	03	1	5	Cs	3.2	35	15	30
	770	GENEINA	230	5	50	03	5	8	Cs	3.6	37	-5	7
S. Sudan	840	MALAKÂL	210	1	20	04	2	7	Ac, cs	3.5	38	15	25
	880	WÂU	00	0	20	02	2	7	Ac, cs	2.6	38	8	16
	941	JUBA	20	6	24	05	6	6	Cb	3.2	34	20	44

At 1800 on 5 Th.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	250	26	5	13	3	7	As	998.6	14	9	23	-1	72	0
SÎDI BARRÂNI	270	27	7	07	0	0	—	997.1	16	6	21		52	0
MATRÛḤ (A)	240	28	6	07	2	7	Cs	0.8	20	2	24		30	0
EL DABʿAA			20	00	0	0	—	99.7	23	1	25		24	0
ALEXANDRIA	130	16	20	03	1	6	As	2.3	19	14	27	+4	73	0
ALEXANDRIA (A)	100	20	12	02	0	3	As	1.3	19	13	27	+5	68	0
DAMIETTA	360	5		02	0	0	—	5.1	19	14	21	0	73	0
PORT SAʿÎD (A)	90	13	15	01	1	3	Sc, Ac	4.7	19	13	22	+1	68	0
EL ʿARISH														
DAMANHÛR	330	5	10	02	0	1	Cu	2.7	19	14	28	+3	73	0
MANṢÛRA	340	19		00	0	0	—	3.4	19	13	29	+3	68	0
ṬANṬA	90	8	10	03	2	6	Cu	3.0	19	13	29	+2	68	0
SHEBÎN EL KÔM	140	5	10	01	1	3	Cu	3.1	21	4	28		33	0
ZAGAZIG	00	0	10	02	0	0	—	2.9	22	15	29	+2	65	0
ISMAʿILIA														
CAIRO (A)	190	8	12	03	1	7	Ac	2.4	25	0	32		19	0
CAIRO ALMÁZA (A)	160	10	15	02	2	7	Sc	4.3	26	1	32	+6	20	0
CAIRO EZBEKÎYA											33	+6		
GIZA	180	3	10	01	0	2	Ac	4.3	24	2	31	+4	24	0
ḤELWÂN	200	5	10	02	2	4	Cs	2.2	25	-2	30	+3	17	0
FAYOÛM	360	4	20	02	0	0	—	2.2	23	7	34	+6	36	0
MINYA (A)	240	5	8	02	0	0	—	2.1	22	2	33	+5	27	0
AṢYOÛṬ (A)	180	6	10	02	0	0	—	4.5	28	-13	33	+4	6	0
NAGʿ HAMÂDI	00	0	4	01	0	2	Ac	7.4	24	3	31	+1	26	0
QENA	00	0	5	00	0	0	—	7.1		8	33	-1		0
LUXOR (A)	00	0	12	02	0	0	—	6.1	24	3	34		26	0
ASWÂN	350	2	12	02	0	0	—	5.1	28	-1	35	+1	12	0
SÎWA	300	27	3	07	6	1	Ns	5.9	20	3	28	0	33	dr
BAḤARÎYA	240	14	4	30	3	0	—	5.4	23	9	32	+3	41	0
FARAFRA	270	12	6	06	3	0	—	8.9	22	-4	31		17	0
DAKHLA	290	13	6	02	0	0	—	7.9	26	2	35	+3	21	0
KHARGA	220	2	6	02	0	0	—	8.4	25	2	34	+2	22	0
SUEZ	180	12	10	03	0	1	Cu	6.0	22	13	25	-2	57	0
TÔR														
HURGHÂDA	130	10	12	02	0	0	—	7.7	22	17	26	+2	74	0
QUSEIR	160	3	20	02	0	0	—	8.0	22	15	25	-2	65	0
PORT SÛDÂN														
WÂDI ḤALFA											35			
ABU ḤAMAD														
KAREIMA														
ʿAṬBARA											37			
KHARṬOÛM											38			
KASSALA														
WÂD MEDANI											39			
RENK											40			
ROSEIRES											40			
EL OBEID											37			
EL FASHER											38			
GENEINA														
MALAKÂL											38			
WÂU											39			
JUBA											35			

At 0600 on SATURDAY 6TH APRIL 1957.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	280	24	18	02	2	7	Sc, As	7.2	-7.7	16	9	14	+2	64	2	257	
SÎDI BARRÂNI	330	24	10	00	0	6	Cu, Ac	5.7		17	11	12		68	0	252	
MATRÛḤ (A)	300	28	12	02	2	7	Ns, Ac	2.0	-13.3	17	13	12		77	2	261	
EL DABʿAA	250	17	10	00	0	7	Cu	1.2		15	11	13		77	0	203	
ALEXANDRIA	220	30	10	00	6	7	Cu, Sc	999.0	-15.8	15	12	10	-4	82	0.3	278	181
ALEXANDRIA (A)	250	27	3	90	3	7	Cu, Sc	999.2	-16.9	17	10	15	+3	64	[illegible]	246	137
DAMIETTA	200	2	3	03	2	8	Sc	2.3	-12.4	16	8	13	0	59	0	227	101
PORT SAʿÎD (A)	210	23	3	07	0	2	Ci	2.1	-13.9	19	6	16	+1	43	0		
EL ʿARISH																	
DAMANHÛR	230	19	5	07	3	6	Ac	0.4	-14.5	18	10	14	+3	60	0	139	94
MANṢÛRA	220	9	3	03	1	8	ST	1.9	-13.2	17	7	14	+3	52	0	68	48
ṬANṬA	220	18	10	03	2	8	Cu	2.2	-13.1	17	8	15	+5	56	0	79	35
SHEBÎN EL KÔM	200	9	3	07	4			2.8	-12.2	17	7	16		52	0	58	
ZAGAZIG	220	3	10	02	0	0	—	2.7	-12.4	18	8	15	+4	52	0	53	25
ISMAʿILIA																	
CAIRO (A)	260	27	5	07	2	6	Ac, Ci	3.0		18	5	18		43	0	48	
CAIRO ALMÁZA (A)	200	24	5	07	2	6	Ac	4.2	-12.0	18	6	17	+5	46	0	53	
CAIRO EZBEKÎYA										19	4	17	+4	37	0	43	23
GIZA	220	18	4	07		6	As	4.4	-11.0	17	7	16	+6	52	0	53	22
ḤELWÂN	200	20	3	30	4	6	Cs	4.8	-10.1	17	4	16	+3	42	0	36	25
FAYOÛM	270	12	3	07	0	0	—	5.3	-9.9	19	6	15	+3	43	0	16	8
MINYA (A)	200	7	5	01	2	4	Ci	4.8	-4.6	19	2	12	+2	32	0	2	
AṢYOÛṬ (A)	240	10	4	06	0	0	—	8.4	-6.2	20	-12	16	+4	11	0	dr	
NAGʿ HAMÂDI	00	0	4	02	0	5	As, Ci	9.9	-3.9	22	0	14	+2	29	0	1	
QENA	290	6	10	00	0	0	—	9.4	-4.1	22	3	16	+1	29	0	dr	
LUXOR (A)	320	7	22	02	0	0	—	8.8	-4.8	22	-1	17		21	0	0	
ASWÂN	360	16	12	01	2	6	Ci	9.8	-3.3	23	15	18	0	61	0	8	
SÎWA	320	17	6	02	0	0	—	9.2	-6.9	19	9	13	+2	52	dr	23	8
BAḤARÎYA	270	12		34	3			10.2	-9.0	18	10	15	+4	60	0	2	7
FARAFRA	300	32		30	0	0	—	10.5		18	-6	14		19	0	dr	
DAKHLA	290	11	10	02	0	0	—	12.2	2.4	18	-1	14	+1	28	0	1	
KHARGA	00	0	12	02	0	0	—	9.6	-4.5	21	5	15	+1	35	0	3	
SUEZ	180	8	20	00	0	6	Sc	6.4	-8.6	22	9	17	+3	44	0	36	15
TÔR																	
HURGHÂDA	300	19	6	06	0	0	—	5.9	-8.4	24	-1	17	+3	19	0	dr	
QUSEIR	300	13	20	02	0	0	—	7.0	-5.8	25	-2	17	-2	17	0	dr	4
PORT SÛDÂN	160	7	20	01	2	3	Ac, Ci	7.8		26	20	17		70	0		
WÂDI ḤALFA	360	8	6	05	1	3	Cs	10.9		21	7	16		41	0		
ABU ḤAMAD																	
KAREIMA																	
ʿAṬBARA	10	3	20	02	0	2	Ci	7.1		25	3	18		24	0		
KHARṬOÛM	360	3	20	03	1	7	Cs	7.6		26	0	17		27	0		
KASSALA	00	0	20	05	2	7	Cs	6.7		27	12	16		40	0		
WÂD MEDANI	360	9	20	02	1	6	Ci	8.5		25	9	17		14	0		
RENK	360	2	20	02	0	2	Ac	9.9		27	4	20		23	0		
ROSEIRES	230	2	20	02	1	4	Cs	7.0		29	4	20		27	0		
EL OBEID	50	7	20	02	2	7	Cs	7.7		26	-12	18		7	0		
EL FASHER	320	4	40	02	2	7	Cs	9.6		24	7	16		34	0		
GENEINA																	
MALAKÂL	290	2	20	02	3	7	Ac	9.1		28	22	24		70	0		
WÂU	230	3	20	02	2	7	Ac, Cs	7.7		27	18	25		58	0		
JUBA	180	9	24	02	1	7	Ac, Cs	9.2		26	20	22		70	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4		6-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	14	300	17	280	7	320	30	320	21	320	30	320	17	320	15	290	10	320	19	20	12
600 m.	310	11	290	17	280	8	330	31	320	27	320	31	320	15	340	27	310	10	330	24	320	13
1000 m.	290	11	300	24	290	16			320	28			320	17			330	8	340	29	320	16
1500 m.	290	10	310	30	300	15			330	34			320	18			10	11	310	26	290	16
2100 m.			310	16									320	17			340	12	320	25	300	11
2400 m.													320	22			330	18	310	34		
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo A		Asyout		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	6-4		6-4		6-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	14	310	17	330	12	330	9	330	9	340	14	340	8	320	31	290	20	330	9	300	12
600 m.	340	13	320	16	340	30	340	10	340	9	350	17	320	8	290	10	130	12	300	8	20	4
1000 m.	340	13	320	13	340	29	340	13	350	4	340	10	320	14	300	10	170	19	300	10	300	7
1500 m.	290	10	330	20	340	23					340	10	320	11			180	9	300	9	300	12
2100 m.	280	12											310	15			210	9			300	17
2400 m.	260	20											310	19			210	9				
3000 m.	280	23											320	17								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Asyout		Luxor				Asyout		Luxor		Bahariya		Dakhla		Kharga			
DATE	7-4		7-4		7-4		7-4				7-4		7-4		7-4		7-4		7-4			
TIME	0500		0500		0500		0500				1100		1100		1100		1100		1100			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	16	290	10	320	11	320	5			320	4	320	14	330	9	340	19	350	8		
600 m.	300	15			340	16	310	5			320	9	330	20	310	15	340	19	330	7		
1000 m.	340	5			320	13	340	17			310	10	320	21	310	16	340	15	320	6		
1500 m.	290	15			320	29	350	18			310	24	320	20	330	5	330	17				
2100 m.	300	21					340	26			300	17	310	10	290	3	290	10				
2400 m.	300	26					320	20					310	10	300	12						
3000 m.	310	27					300	19					220	29	300	15						
4000 m.															310	25						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Aswan															
DATE						6-4															
TIME						1400															
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						111	30													
1000 mb																				
950 mb.																				
900 mb																				
850 mb						1601	14		270	24										
800 mb.																				
700 mb						3103	5		250	49										
600 mb																				
500 mb																				
400 mb.																				
300 mb																				
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are Heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 7th APRIL

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature tends to rise gradually but remains below normal all over the Republic. Low clouds over Lower Egypt and Cairo, increasing sometimes with chance of light rain on north coast, specially in the east. Moderate NWly winds. In Upper Egypt: Patches of low cloud in the north part; moderate Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunrise 03 38 U T / Sunset 16 17 U T]

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	320	12	18	02	0	0	—	10.4	22	7	38
	303	SIDI BARRANI	320	22	12	02	0	0	—	9.3	19	12	64
	306	MATRUH (A)	300	22	10	03	6	1	cu	8.1	19	12	54
	309	EL DAB'AA	270	20	20	00	0	6	cs	4.9	20	13	64
	319	ALEXANDRIA											
	318	ALEXANDRIA (A)	310	19	31	31	3	5	Sc	3.1	20	14	69
	330	DAMIETTA	200	5	02	6	7	cu, sc		99.6	16	14	88
	333	PORT SA'ID (A)	220	24	3	61	6	8	As	0.6	17	12	72
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	230	9	10	01	6	7	Ac, As	1.5	20	11	56
	342	MANSURA	270	10	4	01	5	4	cu	0.8	19	13	68
	348	TANTA	310	17	20	03	6	8	cu	2.0	20	11	56
	360	SHEBIN EL KOM	250	19	10	07	3	4	Sc	1.8	22	6	36
	354	ZAGAZIG	220	1	20	09	1	8	cu	1.3	21	12	57
	441	ISMA'ILIA											
CAIRO AREA	366	CAIRO (A)	270	20	4	03	6	7	As	1.8	19	12	64
	372	CAIRO ALMAZA (A)	260	17	4	20	5	8	Sc	2.0	20	13	64
	374	CAIRO EZBEKIYA											
	375	GIZA	320	12	1	80	3	7	cu	2.8	20	11	56
	378	HELWAN	200	19	1	31	5	8	Cb, Cu	2.4	20	8	46
UPPER EGYPT	381	FAYOUM	290	9	3	30	3	0	—	3.6	21	10	50
	387	MINYA (A)	270	12	2	08	1	4	ci	3.7	24	3	26
	393	ASYOUT (A)	270	25	0.5	32	3	0	—	7.0	25	-3	16
	399	NAG' HAMADI	290	4		03	0	6	As	7.5	26	0	18
	402	QENA	290	8	20	00	0	0	—	8.0	26	0	18
	405	LUXOR (A)	290	14	10	02	0	0	—	6.8	28	-3	13
	414	ASWAN	290	18	9	05	2	6	cs	6.7	30	-8	8
OASES	417	SIWA	340	21	11	02	0	0	—	10.6	25	-2	17
	420	BAHARIYA	270	10	1	33	4	—	—	10.1	23	11	71
	423	FARAFRA	320	18	5	07	0	0	—	10.6	24	-6	14
	432	DAKHLA	280	25	2	07	0	0	—	11.2	25	5	28
	435	KHARGA	340	20	4.5	07	0	0	—	7.4	27	2	20
RED SEA	450	SUEZ	180	12	20	03	6	8	Sc	4.0	21	12	57
	459	TOR											
	462	HURGHADA	280	27	0.2	32	3	0	—	3.6	29	-6	10
	465	QUSEIR	270	14	20	02	0	0	—	4.7	30	-14	5
	641	PORT SUDAN	130	12	20	02	0	2	ci	3.7	27	23	79
NORTH SUDAN	600	WADI HALFA	340	10	13	16	0	0	—	3.5	31	9	26
	640	ABU HAMAD	340	1	24	01	0	7	cs	4.3	37	9	18
	660	KAREIMA	360	1	31	03	1		cs	5.6	36	-8	6
	680	'ATBARA	300	7	20	03	0	3	ci	3.9	31	-5	9
	721	KHARTOUM	320	3	20	02	2	7	cs	3.4	38	7	15
	730	KASSALA	280	6	20	02	2	7	cs	1.4	40		
CENTRAL SUDAN	751	WAD MEDANI	250	9	20	02	1	7	ci	2.4	39	-3	7
	801	RENK	180	2	20	02	0	4	Ac	5.3	40	4	11
	802	ROSEIRES	310	5	20	02	1	7	cu				
	771	EL OBEID	210	2	20	02	2	7	cs	3.1	37		
	760	EL FASHER	180	4	40	02	2	7	cs	3.1	37	15	27
	770	GENEINA	180	3	50	02	2	6	cs	4.1	37	9	5
S. SUDAN	840	MALAKAL	210	12	20	02	2	7	cu, Ac	5.4	36	15	29
	880	WAU											
	941	JUBA	40	4	24	01	2	6	cb, Ac, cs	5.3	33	22	53

At 1800 on 6th

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	330	15	12	02	0	0	—	12.9	15	11	22	-2	77	0
303	320	18	16	02	0	6	—	12.1	15	12	19		82	0
306	290	10	10	01	0	0	—	11.6	16	13	20		82	0.4
309	290	22	20	00	0	0	—	9.2	16	12	23		77	0
319	310	21	10	01	1	7	cu, sc	8.0	17	13	20	-3	77	1
318	320	19	6	07	3	6	sc	8.0	17	13	20	-2	77	1
330	200	2		00	6	0	—	6.6	16	13	18	-4	82	6
333	340	13	18	03	0	3	cu	6.4	16	12	20	-1	77	6
336														
339	230	9		01	1	5	cu	7.8	17	13	21	-5	77	0.4
342	320	3	10	00	0	0	—	6.7	17	13	20	-6	77	dr
348	270	5	10	02	0	0	—	7.4	14	12	21	-6	88	0.3
360	200	5		00	0	0	—	7.6	16	10	22		68	0
354	00	0	10	02	0	0	—	7.3	16	12	22	-5	77	0
441														
366	310	10	10	02	0	2	Ac	8.0	16	12	21		77	0
372	270	9	10	01	6	2	Sc	8.2	17	12	22	-4	72	dr
374											23	-4		
375	340	5	7	00	3	2	ci	8.6	16	11	22	-5	72	—
378	290	8	10	02	5	0	—	8.4	16	10	22	-5	68	dr.
381	290	6	20	01	6	0		8.6	18	12	24	-4	68	dr
387	340	12	5	02	0	0	—	8.7	20	6	25	-3	41	0
393	300	15	1	09	0	0	—	9.9	22	3	26	-3	29	0
399	290	6	10	01	0	2	Ac	9.3	20	-1	27	-3	24	0
402	290	6		00	0	0	—	10.0	21	4	27	-7	33	0
405	310	10	10	02	0	0	—	9.5	24	3	28		26	0
414	290	12	4	06	2	0	—	9.5	26	-12	31	-3	7	0
417	330	5	12	02	0	0	—	12.0	20	2	26	-2	30	0
420	320	4	10	02	3	0	—	10.6	19	10	24	-5	56	0
423	270	6	10	02	0	0	—	12.9	18	-5	24		20	0
432	290	9	5	02	0	0	—	12.2	22	4	25	-7	33	0
435	360	3	4	06	0	0	—	9.6	22	3	28	-4	29	0
450	270	7	10	01	0	2	Sc	8.8	19	12	24	-3	64	0
459														
462	290	16	8	02	3	0	—	7.1	23	4	30	+6	29	0
465	270	14	10	02	0	0	—	7.6	25	-2	31	+4	17	0
641	160	5	20	02	0	2	ci	5.6	25	23	28		89	0
600	320	11	13	05	0	0	—	10.6	26	7	32		30	0
640	310	13	15	06	2	0	—	7.3	28	0	37		16	0
660	20	5	21	01	0	0	—	7.8	29	-3	37		12	0
680	340	4	20	01	3	4	cs	5.5	31	-5	39		9	0
721	340	5	20	01	2	3	ci	5.6	32	7	39		21	0
730	330	4	20	01	2	0	—	4.5	31	1	40		15	0
751											41			
801											41			
802														
771	00	0	20	01	2	8	cs	5.3	28	6	38		25	0
760	130	6	40	02	2	7	cs	4.5	32	12	39		30	0
770	00	0	50	01	0	0	—	4.8	31	3	39		17	0
840	290	5	20	13	2	7	cb, cs	6.6	31	17	37		43	0
880														
941	360	1	24	13	2	1	cb	5.8	29	23	37		70	0

At 0600 on SUNDAY 7th APRIL, 1957

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	90	16	18	02	0	0	—	14.3	-0.5	14	10	12	0	77	0	287	
303	310	14	14	00	0	7	Sc	14.0		16	10	14		68	0	252	
306	270	8	16	01	1	3	cu, sc	13.7	-1.5	14	11	10		82	0.4	261	
309	290	8	17	00	0	7	Ac, As	13.2		17	11	14		68	0	203	
319	310		4	05	4	6	cu	13.0	-1.7	17	13	16	+1	77	1	279	181
318	360	6	4	03	2	7	As	12.3	-3.8	18	13	16	+4	73	1	247	137
330	340	5	10	00	0	0	—	11.9	-2.7	17	13	10	-3	77	6	233	101
333	10	5	6	03	1	6	Sc	11.8	-4.1	18	13	14	-1	73	6		
336																	
339	40	2		01	1	6	Ac, As	12.8	-2.0	18	13	12	0	73	0.4	139	94
342	00	0		00	0	0	—	12.7	-2.3	17	13	11	0	77	dr	68	48
348	00	0	20	03	2	8	As	12.9	-2.1	17	13	12	+2	77	0.3	79	36
360	320	2	10	01	1	4	Sc	12.6	-2.3	16	12	10		77	0	58	
354	00	0	3	10	0	0	—	11.4	-3.6	15	13	13	+1	88	0	53	25
441																	
366	330	9	7	01	2	6	Sc	12.2		17	13	14		77	0.2	49	
372	290	6	8	02	2	7	cu, sc	12.8	-3.8	17	13	15	+2	77	dr	53	
374										17	13	15	+2	77	dr	43	23
375	300	5	8	01	—	6	cu, sc	12.7	-2.6	17	14	14	+4	83	—	53?	22
378	320	4	4	02	2	8	St	12.8	-2.0	16	12	15	+2	77	dr	36	25
381	290	6	20	02	2	7	st	13.6	-1.5	18	12	13	+1	68	dr	16	8
387	10	3	7	02	0	3	Ac	13.3	-3.1	15	10	10	0	72	0	2	
393	300	7	10	05	0	0	—	15.0	+0.6	15	7	12	0	59	0	dr	
399	290	1	—	01	0	2	As	15.4	+1.7	19	9	12	0	52	0	1	
402	320	2	10	00	0	0	—	13.8	+0.4	19	9	13	2	52	0	dr	
405	00	0	22	02	0	0	—	12.7	-0.8	20	11	15		56	0	0	
414	00	0	12	02	0	0	—	14.3	+1.3	20	5	16	-2	38	0	8	
417	310	7	12	02	0	0	—	16.6	+0.6	14	3	10	-1	48	0	23	8
420	270	2	10	02	0	0	—	15.0	-0.7	15	5	9	-2	52	0	2	7
423	00	0	15	02	0	0	—	16.8		16	-1	10		32	0	dr	
432	00	0	12	02	0	0	—	16.6	+2.1	17	3	12	-1	39	0	1	
435	00	0	12	02	0	0	—	13.1	-1.0	18	7	12	-2	49	0	3	
450	360	8	20	00	0	3	cu	13.6	-1.3	17	16	11	-3	94	dr	26	15 13
459																	
462	320	13	12	02	0	0	—	10.9	-3.3	20	8	15	+1	46	0	dr	
465	270	7	10	06	0	0		11.3	-1.5	22	5	18	-1	33	0	dr	4
641	340	6	20	01	1	2	ci	10.5		25	24	20		94	0		
600	10	7	4	05	0	0	—	14.1		19	8	14		49	0		
640	360	18	10	07	1	1	ci	15.2		23	-4	18		16	0		
660	70	7	18	05	1	3	ci	12.1		24	0	18		21	0		
680	10	15	10	07	1	5	cs	10.5		25	-1	21		18	0		
721	10	15	16	05	2	5	ci	9.9		25	1	20		21	0		
730	340	2	20	02	2	7	cs	8.0		29	3	17		19	0		
751	360	13	10	02	2	6	ci	9.4		27	-4	19		13	0		
801	310	2	20	02	1	6	Ac	10.2		30	16	23		43	0		
802	310	2	20	02	1	5	cu	9.0		30	10	23		29	0		
771	30	13	20	03	0	3	cu, ci	8.8		26	-7	20		11	0		
760	00	0	30	01	1	3	ci	11.3		23	9	17		41	0		
770	50	8	50	03	1	6	cs	11.0		24	-8	19		12	0		
840	180	3	20	02	6	7	Ac, As	8.3		28	19	26		58	0		
880	220	3	20	02	2	7	Ac, ci	3.1		29	19			55	0		
941	180	7	24	02	1	7	Ac, cs	9.0		27	22	23		74	0		
	SHIP REPORTS in code		133	40	28006		02414	980	23	122	15	009	00	652	x8	3535	5

* 9 = Sky obscured by fog etc.

(A) AERODROME

WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Aswan		Cairo (A)		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	7-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4		7-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	320	11	340	13	350	8	340	12	330	5	340	7	300	10	290	4	320	4	20	12	220	5
600 m.	310	11	340	17	30	11	340	13	330	3	360	11	300	12	280	4	360	3	40	9	240	7
1000 m	280	13	320	17	30	15	350	12	280	8	340	10	310	11	290	17	270	00	340	7	260	7
1500 m	290	20	320	13	40	24	330	10	250	9	330	15	320	11	250	21	270	12	300	14	320	5
2000 m	290	20	290	10	40	19			260	12	320	18	300	26	230	14	280	8	250	11	290	6
2400 m			280	10	40	18			300	9	320	21	300	27	260	18	250	10	280	23	300	6
3000 m			290	22									280	19	290	25	260	12				
4000 m																						
5000 m																						
6000 m.																						

STATION	Sallum		Aswan		Cairo (A)		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	7-4		7-4		7-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	220	5	330	19			200	7	180	4	60	4	180	13	250	10	300	5	220	8	230	6
600 m	250	10	340	20	340	7	220	4	170	5	40	2	180	11	230	8	250	7	210	7	230	6
1000 m	240	12	340	18	40	2	270	7	210	4	340	6	210	11	210	9	250	3	250	18	240	3
1500 m	260	11	10	12			280	10	300	10	320	12	270	21	190	10	180	8			220	7
2000 m	280	18	310	15			280	16	280	5	300	10	350	6							280	9
2400 m	300	42	310	17									350	8							300	12
3000 m	310	24											10	4							260	25
4000 m.	310	30																				
5000 m																						
6000 m.																						

STATION	Sallum		Aswan		Asyout		Luxor		Sallum		S. Barrani		Asyout		Luxor		Bahariya		Dakhla		Kharga	
DATE	8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	180	12	350	6	40	2	40	2	210	17	230	12	330	3	330	8	290	10	360	3	290	5
600 m.	200	17	340	8	40	2	20	10	210	25	230	19	320	3	330	3	270	10	350	5	270	2
1000 m	210	17	330	4	10	7	20	13	220	27	230	17	350	2	330	3	250	3	290	5	340	4
1500 m	270	14	320	17	320	9	360	12	220	29	220	15			290	5	210	3	290	9		
2000 m	260	16			290	12	340	10	210	31	210	26			290	6	290	9				
2400 m	280	18			280	14	320	8									290	5				
3000 m.	300	17			290	28	310	10									280	20				
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan								
DATE						7-4					7-4								
TIME						1100					1400								
	ALT m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR.	WIND SPEED
Surface						25	18				111	28		360	8					
1000 mb.						131	17		310	12										
850 mb																				
900 mb																				
850 mb						1494	8		260	10	1547	12		310	22					
30 [illegible]																				
[illegible] mb						3031	3		300	24	3143	6		290	24					
50 [illegible]																				
[illegible] mb						5719	-14		290	43										
40 [illegible]						7372	-26		290	53										
30 [illegible]						9390	-40		280	50										
20 [illegible]						12050	-53		280	67										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 8th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues to rise gradually. Mild weather today, then a period of hot weather begins from tomorrow. Some high and low clouds over Lower Egypt and Cairo. Winds chiefly moderate SW'ly. In Upper Egypt: Mainly clear. Variable light winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 37 U.T. / Sunset 16 18 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 7th

Station	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Amount 0-8	Forms	Bar Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
SALLOUM	360	10	18	02	1	7	Sc	14.3	14	12	88
SIDI BARRANI	350	14	18	02	2	6	Cu	14.4	18	9	56
MATRUH (A)	300	12	15	02	0	2	Cu	14.2	20	11	56
EL DAB'AA	270	10	20	00	0	3	AC	13.9	19	12	64
ALEXANDRIA	360	14	18	02	4	5	Cu	13.9	19	14	73
ALEXANDRIA (A)	340	13	12	02	2	6	Cu	13.5	20	14	69
DAMIETTA	320	5	20	03	1	5	AC	12.7	20	13	64
PORT SA'ID (A)	30	4	6	02	0	0	—	12.7	20	12	60
EL 'ARISH											
DAMANHUR	40	2	10	01	1	5	Cu	12.8	22	11	50
MANSURA	360	3		03	1	5	AC	12.4	23	12	50
TANTA	330	5	20	03	2	8	Ci	13.6	22	9	44
SHEBIN EL KOM	320	5	20	01	1	4	Sc	12.4	23	5	32
ZAGAZIG	40	1	20	03	1	6	Cu	11.9	23	12	50
ISMA'ILIA											
CAIRO (A)	350	6	1	06	2	7	Cu	12.2	22	8	41
CAIRO ALMAZA (A)	290	8	8	05	2	1	Cu, Sc	12.2	22	10	47
CAIRO EZBEKIYA											
GIZA	50	7	5	06	2	5	NS	12.4	22	11	50
HELWAN	320	5	3	05	1	4	Cu	12.6	22	6	36
FAYOUM	290	4	20	02	2	7	Sc	12.6	24	9	38
MINYA (A)	320	7	8	02	0	2	AC	-	26	2	21
ASYOUT (A)	350	7	14	02	0	0	—	13.0	24	4	28
NAG' HAMADI	290	3	10	02	0	3	AC	12.3	26	4	25
QENA	290	4		00	0	0	—	12.5	27	2	20
LUXOR (A)	330	12	15	02	0	0	—	11.2	26	5	27
ASWAN	360	10	16	02	0	0	—	10.7	28	-4	12
SIWA	320	14	14	02	0	0	—	15.2	23	3	27
BAHARIYA	320	6	20	02	0	0	—	13.7	25	7	32
FARAFRA											
DAKHLA	290	9	20	02	0	0	—	14.8	25	-8	11
KHARGA	330	10	15	02	0	0	—	12.0	26	3	23
SUEZ	360	8	50	03	0	6	Cu	12.4	22	15	65
TOR											
HURGHADA											
QUSEIR	360	10	20	02	0	0	—	10.8	24	9	38
PORT SUDAN	40	15	12	05	0	0	—	8.9	28	22	70
WADI HALFA	330	10	6	05	0	1	Ci	11.6	28	10	33
ABU HAMAD	310	9	10	05	0	0	—	8.9	31	-5	9
KAREIMA	50	5	10	05	1	0	—	9.3	31	-4	10
'ATBARA	350	11	13	07	1	1	Ci	6.5	35	-6	7
KHARTOUM	360	10	16	06	1	2	Ci	5.2	37	9	18
KASSALA	320	4	20	02	2	7	CS	3.2	39	2	10
WAD MEDANI	90	5	10	02	1	2	Ci	3.6	39	-3	7
RENK											
ROSEIRES	110	5	20	01	1	4	Cu	1.5	41	2	7
EL OBEID	50	3	10	06	1	1	Ci	4.1	36	-5	7
EL FASHER	130	7	20	03	1	7	CS	4.2	36	15	29
GENEINA											
MALAKAL	260	5	20	01	2	5	Cu, ACCi	3.3	28	16	27
WAU	130	3	20	03	1	6	Cu, AC	3.2	39	15	24
JUBA	90	2	24	03	2	7	Cu, CS	4.3	32	19	46

At 1800 on 7th

Station	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Amount 0-8	Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today °C	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	00	0	12	01	1	0	—	13.8	16	12	20	-4	77	0
SIDI BARRANI	350	8	14	02	0	0	—	14.0	15	9	18		68	0
MATRUH (A)	290	3	15	02	0	0	—	14.6	14	9	20		72	0
EL DAB'AA	290	6	20	00	0	0	—	14.1	16	10	20		68	0
ALEXANDRIA	40	12	20	01	1	0	—	14.4	16	12	21	-2	77	0
ALEXANDRIA (A)	350	7	12	01	2	3	Cu	13.9	16	12	20	-2	77	0
DAMIETTA	320	2		03	1	3	AC	13.9	17	14	22	0	83	0
PORT SA'ID (A)	350	5	6	02	0	0	—	13.7	18	14	22	+1	78	0
EL 'ARISH														
DAMANHUR	40	2	10	02	0	0	—	14.3	16	12	23	-3	77	0
MANSURA	20	3		00	0	0	—	13.9	17	10	23	-3	60	0
TANTA	330	5	10	02	0	0	—	13.7	15	12	23	-4	82	0
SHEBIN EL KOM	320	2	10	01	1	2	Sc	13.8	17	11	24		68	0
ZAGAZIG	320	1	10	02	0	0	—	12.9	18	15	24	-3	83	0
ISMA'ILIA														
CAIRO (A)	260	10	10	01	0	2	Ci	13.6	19	12	23		64	0
CAIRO ALMAZA (A)	360	10	10	02	0	0	—	13.6	19	10	24	-2	56	0
CAIRO EZBEKIYA											25	-2		
GIZA	30	8	5	06	0	—	—	13.7	18	12	23	-4	68	0
HELWAN	340	7	4	01	1	1	Cu	13.0	20	8	23	-4	46	0
FAYOUM	290	4	20	01	0	0	—	12.4	20	11	26	-3	56	0
MINYA (A)	360	2	7	02	0	0	—	13.7	18	7	28	-1	49	0
ASYOUT (A)	290	4	12	02	0	0	—	13.2	20	2	26	-3	30	0
NAG' HAMADI	00	0		01	0	2	AC	13.1	20	11	27	-3	56	0
QENA	270	2		00	0	0	—	14.2	20	7	28	-6	43	0
LUXOR (A)	280	2	12	02	0	0	—	12.2	21	5	28		35	0
ASWAN	360	6	12	02	0	0	—	12.6	24	-4	30	-4	16	0
SIWA	310	4	14	02	0	0	—	14.1	18	6	24	-4	46	0
BAHARIYA	320	6	10	02	0	0	—	13.7	20	10	25	-4	53	0
FARAFRA	290	2	12	02	0	0	—	15.4	20	-5	26		18	0
DAKHLA	20	4	8	03	0	2	Ci	14.4	22	-5	27	-5	16	0
KHARGA	00	0	9	02	0	0	—	12.2	21	4	27	-5	33	0
SUEZ	310	8	10	01	0	0	—	13.9	20	13	23	-4	64	0
TOR														
HURGHADA	300	12	10	02	0	0	—	10.2	21	13	24	0	61	0
QUSEIR	270	2	20	02	0	0	—	12.1	21	14	24	-3	65	0
PORT SUDAN											29			0
WADI HALFA											28			0
ABU HAMAD											32			0
KAREIMA											33			0
'ATBARA											36			0
KHARTOUM											38			0
KASSALA											39			
WAD MEDANI											40			
RENK											41			
ROSEIRES											41			0
EL OBEID											37			0
EL FASHER											37			0
GENEINA														
MALAKAL											40			0
WAU											40			dr
JUBA											36			0

At 0600 on MONDAY 8th APRIL, 1957

Area	Index Number	Station	Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Amount 0-8	Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today °C	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms	Rainfall Total From Oct 1st mms	Rainfall Normal From Oct 1st mms
MEDITERRANEAN	62300	SALLOUM	200	14	18	02	0	0	—	16.5	-3.2	16	8	13	+1	69	0	257	
	303	SIDI BARRANI	180	18	10	00	0	0	—	16.6		14	8	9		67	0	252	
	306	MATRUH (A)	190	15	15	02	0	0	—	12.9	-2.2	15	10	7		72	0	261	
	309	EL DAB'AA	180	2	17	00	0	0	—	13.6		15	14	8		94	0	203	
	319	ALEXANDRIA	220	6	10	01	4	0	—	14.4	-0.3	16	12	14	0	77	0	279	181
	318	ALEXANDRIA (A)	180	6	12	01	0	0	—	14.0	-2.1	16	13	11	-1	82	0	247	137
	330	DAMIETTA	220	2		03	1	6	AC	13.3	-1.3	15	14	10	-3	94	0	233	101
	333	PORT SA'ID (A)	240	2	6	01	0	0	—	13.9	-2.0	19	14	14	-1	73	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	40	2	10	02	0	3	Cu	13.9	-0.8	19	14	11	-1	73	0	139	95
	342	MANSURA	270	3		00	0	0	—	14.6	-0.4	15	13	11	-1	88	0	68	49
	348	TANTA	00	0	20	03	2	6	AS	15.4	+0.4	17	13	9	-2	77	0	79	36
	360	SHEBIN EL KOM	320	2	10	00	0	0	—	14.8	0.0	17	11	12		68	0	58	
	354	ZAGAZIG	00	0	10	02	0	0	—	14.6	-0.4	15	13	11	0	88	0	53	25
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	250	1	6	01	0	0	—	14.7		15	12	12		82	0	48	
	372	CAIRO ALMAZA (A)	00	0	5	10	0	0	—	14.1	-2.0	17	12	13	0	72	0	53	
	374	CAIRO EZBEKIYA										18	12	15	+2	68	0	43	23
	375	GIZA	00	0	5	02	—	0	—	15.5	+0.3	15	13	10	0	88	0	53	22
	378	HELWAN	00	0	4	02	0	0	—	14.4	-0.3	16	10	12	-1	68	0	36	25
UPPER EGYPT	381	FAYOUM	00	0	20	02	0	0	—	15.0	-0.1	20	13	12	0	64	0	16	8
	387	MINYA (A)	20	1	6	02	0	0	—	14.9	-1.4	17	11	9	-1	68	0	2	
	393	ASYOUT (A)	00	0	14	02	0	0	—	15.3	+0.9	17	2	14	+2	37	0	dr	
	399	NAG' HAMADI	10	0	10	00	0	0	—	15.2	+1.6	20	8	11	-1	40	0	1	
	402	QENA	00	0	10	00	0	0	—	14.8	+1.5	22	3	11	-4	29	0	dr	
	405	LUXOR (A)	00	0	20	02	0	0	—	14.5	+1.1	20	5	12		38	0	0	
	414	ASWAN	00	0	14	02	0	0	—	14.7		19	4	14	-4	37	0	8	
OASES	417	SIWA	100	2	15	02	0	0	—	13.0	-3.0	14	2	9	2	45	0	23	8
	420	BAHARIYA	00	0	10	02	0	0	—	14.7	-0.9	18	8	8	-3	52	0	2	7
	423	FARAFRA	270	2	15	02	0	0	—	16.0		14	-4	8		29	0	dr	
	432	DAKHLA	00	0	20	02	0	0	—	16.2	+1.8	16	0	11	-2	34	0	1	
	435	KHARGA	00	0	15	02	0	0	—	14.6	+2.6	19	7	10	-4	46	0	3	
RED SEA	450	SUEZ	360	7	20	00	0	3	Cu	15.9	+1.0	17	13	11	-3	77	0	36	15
	459	TOR																	13
	462	HURGHADA	300	11	8	00	0	0	—	13.1	-1.0	22	7	14	-1	38	0	dr	
	465	QUSEIR	350	8	20	02	0	0	—	13.6	+0.9	23	8	17	-2	38	0	dr	4
	641	PORT SUDAN	340	13	13	05	1	3	AC	13.1		24	19	19		74	0		
NORTH SUDAN	600	WADI HALFA	30	3	20	02	0	0	—	15.1		19	6	13		43	0		
	640	ABU HAMAD	360	13	20	01	1	3	AC, Ci	11.9		21	0	17		25	0		
	660	KAREIMA	70	8	21	01	2	1	Ci	12.6		23	1	18		24	0		
	680	'ATBARA	10	8	20	02	0	2	Ci	11.3		23	1	17		24	0		
	721	KHARTOUM	20	6	13	05	0	0	—	10.4		25	0	20		19	0		
	730	KASSALA	270	2	20	02	0	0	—			18	9	13		56	0		
CENTRAL SUDAN	751	WAD MEDANI	360	13	4	02	0	0	—	9.4		27	-4	19		13	0		
	801	RENK	50	9	20	02	0	0	—	10.1		29	1	22		17	0		
	802	ROSEIRES	10	9	20	02	0	2		7.5		30	0	21		14	0		
	771	EL OBEID	50	15	15	05	0	0	—	9.3		25	-8	20		11	0		
	760	EL FASHER	330	3	10	05	1	7	CS	11.4		21	8	17		44	0		
	770	GENEINA																	
S. SUDAN	840	MALAKAL	30	16	20	01	2	1	AC	8.3		31	1	26		15	0		
	880	WAU	200	6	20	03	2	7	AC	5.8		29	19	27		55	dr		
	941	JUBA	180	5	24	03	2	3	AC, Ci	7.9		28	21	25		66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

PILOT WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4		8-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
[illegible] m	10	13	320	13	340	16	60	11	10	18	310	6	240	13	150	14	100	10	160	4	260	9
[illegible] m	10	7	320	14	330	10	40	3	360	10	300	8	230	13	220	15	180	5	240	7	240	19
[illegible] m	40	5	300	13	330	11	200	12	290	12	290	10	240	16	220	17	240	10	250	8	240	21
[illegible] m	260	10	290	10	280	6			240	23	270	14	240	16	250	17	250	21	250	10	260	20
[illegible] m	220	19	280	4	250	13			220	24			250	17			260	24	290	15	270	19
[illegible] m	250	15	330	4	340	8							230	15			260	18	310	24	260	23
[illegible] m	260	16	200	20	270	11							290	18			290	17	310	23	290	22
4,000 m	260	25															280	19				
5,000 m																						
6,000 m																						

STATION	Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	8-4		8-4		8-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	160	7	90	4	340	17	140	23	140	10	170	12	320	13	240	25	140	4	140	6	300	30
600 m	190	9	20	3	350	23	200	24	170	12	210	8	280	11	220	23	170	15	200	4	290	38
1000 m	200	18	330	3	360	13	220	30	200	12	220	5	280	15	220	37	180	15	210	4	310	17
1500 m	250	21	320	7	70	3	200	25					260	22	210	38	200	19	280	11	290	15
2000 m	280	17	300	11	250	4	240	23					270	17			210	16			290	27
2500 m	270	15	290	17			280	23					280	26							280	30
3000 m	280	22	310	23			280	17													270	33
4000 m			300	23																		
5000 m																						
6000 m																						

STATION	Cairo (A)		Asyout		Aswan		Matrah		Salloum		Asyout		Luxor		Bahariya		Farafra		Kharga		Hurghada	
DATE	9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	230	24	140	10	340	7	260	13	280	15	240	4	220	5	240	19	250	16	240	5	90	4
600 m	220	16	140	5	350	8	280	10	320	17	230	4	220	5	240	29	250	15	270	4	350	4
1000 m	240	17	130	3	350	9	300	13	320	20	240	4	210	4	230	30	240	17	280	6	290	6
1500 m	270	15	310	24	10	11	300	18	320	30	240	10	250	8	40	7	240	22			280	12
2000 m	350	13					330	10			240	10	240	7	290	7	220	10			240	3
2500 m							340	10			320	8	250	5			220	14			300	8
3000 m							340	7			310	10									340	10
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION																						
DATE											Aswan											
TIME											8-4											
											1200											
	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface											111	30		320	6							
500 mb																						
700 mb																						
850 mb																						
1000 mb											1538	13		10	6							
1200 mb																						
1500 mb											3144	8		290	10							
2000 mb																						
2500 mb											5820	-11		270	30							
3000 mb											7593	-23		270	42							
4000 mb											9339	-37		270	43							
5000 mb											12349	-50		270	65							

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (UT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 9th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temp. above normal, hot weather all over the Republic. High clouds over Lower Egypt and Cairo. Winds chiefly fresh SWly, raising dust in the west. A cold front crosses Lower Egypt this evening causing a drop in temp. and weather becomes mild tomorrow, with some low cloud; winds veering to moderate NWly.
The drop in temperature extends gradually to Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 36 U.T. / Sunset 16 19 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 8 Th.											At 1800 on 8 Th.													
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8	CLOUD FORMS	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. Dew Point	RELATIVE HUMIDITY %	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. Dew Point	TEMPERATURES °C. MAXIMUM Today	TEMPERATURES °C. MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
DIRECTION Deg.	VELOCITY IN KNOTS									DIRECTION Deg.	VELOCITY IN KNOTS													
200	13	18	02	0	3	—	7.5	28	7	27	180	18	12	02	0	0	—	3.3	26	9	30	+6	35	0
220	12	18	02	0	3	Ac	9.6	26	8	28	170	16	15	02	0	0	—	4.1	22	3	28		29	0
240	14	16	02	0	0	—	10.8	25	4	20	100	15	10	31	3	0	—	8.0	17	12	27		72	0
360	6	20	00	0	0	—	11.7	25	10	44	90	8	20	00	0	0	—	9.1	17	11	24		68	0
360	10	20	02	0	0	—	13.1	[illegible]	7	41	90	8	20	02	0	0	—	10.5	17	7	23	0	52	0
320	10	12	02	0	1	Sc	12.4	22	8	41	80	8	12	02	0	0	—	10.9	16	10	23	+1	68	0
20	2	20	01	1	3	Ac	13.0	20	14	68	20	2		00	0	0	—	12.2	17	13	20	-2	77	0
30	6	6	02	0	0	—	12.5	22	15	61	60	9	8	01	0	0	—	12.2	18	14	23	+2	78	0
260	5	20	01	0	1	Cu	12.7	25	8	34	40	5	10	02	0	0	—	12.4	15	9	25	-1	68	0
340	3	4	01	0	3	Cu	12.0	27	8	36	00	0		00	0	0	—	13.9	17	11	26	0	68	0
220	7	20	02	0	0	—	12.6	24	7	34	360	6	10	02	0	0	—	12.8	16	11	26	-1	72	0
320	5	20	00	0	0	—	12.0	24	3	26	340	2	10	00	0	0	—	12.0	17	9	25	9	60	0
220	1	20	01	1	4	As	11.6	22	13	54														
300	12	10	01	0	0	—	11.8	20	2	24	20	4	12	02	0	1	Ci	11.2	20	6	26		41	0
50	10	25	01	0	0	—	11.8	20	4	22	60	5	12	02	0	0	—	11.2	21	5	27	+1	35	0
																					28	0		
310	11	10	00	1	0	—	11.8	25	6	30	80	3	8	02	0	0	—	11.6	21	8	26	-1	44	0
00	0	4	02	0	0	—	11.8	24	9	38	00	0	10	02	0	0	—	11.2	20	6	26	-2	41	0
310	4	20	02	0	0	—	12.2	26	2	33	360	4	20	02	0	0	—	10.4	16	11	28	-1	72	0
280	6	8	02	0	0	—	11.3	28	0	22	00	0	7	02	0	0	—	10.7	20	4	29	0	35	0
00	0	15	02	0	0	—	11.7	22	0	16	00	0	12	02	0	0	—	11.3	22	0	28	-1	23	0
00	0	10	00	0	2	Ac	11.2	26	3	27	00	0	10	00	0	0	—	11.6	20	12	29	-2	69	0
00	0	20	00	0	0	—	11.9	28	10	33	00	0		00	0	0	—	11.1	22	6	29	-5	36	0
290	10	22	02	0	0	—	10.6	27	8	22	00	0	12	02	0	0		9.8	21	8	30		44	0
330	6	20	02	0	0	—	9.7	27	-2	12	00	0	12	02	0	0	—	9.4	24	2	30	-4	24	0
250	15	16	02	0	0	—	10.7	28	-2	14	240	5	14	02	0	0	—	8.4	22	4	28	0	31	0
320	6	20	02	0	0	—	11.0	28	7	31	00	0	10	02	0	0	—	10.7	21	7	28	-1	41	0
270	2	20	02	0	0	—	12.0	28	2	16	00	0	12	02	0	0	—	11.4	22	-4	31		17	0
200	24	22	02	0	0	—	12.2	27	-4	12	310	2	9	02	0	0	—	12.0	25	-8	29	-3	11	0
160	1	20	02	0	0	—	10.4	29	2	18	360	2	9	02	0	0	—	9.6	23	1	30	-2	24	0
180	6	50	02	0	3	Cu	13.4	25	13	48	180	8	10	01	0	0	—	12.3	22	13	26	-1	57	0
50	11	10	06	0	0	—	10.4	25	6	34	170	4	12	02	0	0	—	10.4	20	13	26	+2	64	0
40	8	20	02	0	0	—	11.0	23	14	54	00	0	20	02	0	0	—	11.2	21	14	25	-2	65	0
50	15	10	05	1	2	Ac	10.4	27	22	74	350	7	16	05	0	0	—	9.4	24	20	28		79	0
20	5	20	01	0	0	—	7.7	29	5	22											31			
310	2	20	01	1	0	—	7.4	31	-4	10	360	5	22	02	0	0	—	6.9	25	1	33		21	0
30	7	21	01	0	0	—	7.2	32	-5	9	10	4	21	02	0	0	—	7.0	26	-3	33		15	0
20	9	20	01	1	1	Ci	5.2	34	7	7											35			
360	12	15	05	0	1	Ci	3.2	36	5	14	340	3	20	01	0	0	—	4.9	30	6	37		22	0
30	4	20	02	0	0	—	2.9	38	-1	9	350	2	20	02	0	0	—	4.2	29	4	39		20	0
360	5	10	02	0	1	Ci	2.7	37	-5	7											39			
310	5	20	02	0	0	—	3.8	39	6	13											41			
50	5	20	02	0	2	Ac	999.9	41	-2	7											42			
50	4	20	02	0	2	Ci	2.7	32	-1	12	50	3	20	01	1	4	Ci	3.5	29	0	37		15	0
140	4	15	05	2	7	Cs	3.2	35	16	32											37			
											00	0	30	02	0	0	—	2.9	33	3	38		15	0
70	7	20	02	0	1	Ac	2.0	39	6	13	200	9	20	02	2	7	Ac, cs	3.7	31	17	40		43	0
140	19	20	17	2	7	cs	4.4	37	20	66	220	5	24	02	9	8	Ac	6.5	25	22	38		84	1
20	15	10	29	9	7	cs	5.8	34			180	5	24	13	2	7	Cb, Ac, Cs	5.7	25	22	37		84	dr

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ʿAṬBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

At 0600 on TUESDAY 9 Th. APRIL 1957																
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	BAR. PRESSURE Diff. from normal mb	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. Dew Point	TEMPERATURES °C. MINIMUM Today	TEMPERATURES °C. MINIMUM Diff. from normal	RELATIVE HUMIDITY %	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st	RAINFALL mms. Normal From Oct. 1st
DIRECTION Deg.	VELOCITY IN KNOTS															
70	22	18	03	0	3	Sc	6.3	-8.4	18	14	15	+3	78	0	257	
250	13	14	00	0	8	Sc	6.8	-9.3	17	12	13		72	0	261	
180	10	10	00	0	0	—	5.2		21	13	13		61	0	243	
130	12	10	01	4	0	—	8.4	-6.2	18	10	14	-1	60	0	279	181
180	10	12	02	0	0	—	7.8	-8.3	19	10	12	0	56	0	247	137
160	2	10	00	0	0	—	10.7	-3.9	19	13	14	+1	68	0	233	101
140	9	6	02	0	0	—	10.0	-5.9	19	10	16	+1	56	0		
180	9	4	02	0	0	—	9.4	-5.3	18	10	12	0	60	0	139	95
40	3		00	0	0	—	10.0	-4.9	18	12	11	-1	68	0	68	49
180	8	20	02	0	0	—	10.0	-4.9	19	9	12	+1	52	0	79	36
320	2	10	00	0	0	—	10.0	-4.8	19	7	12		46	0	58	
140	1	10	02	0	0	—	9.9	-5.0	17	11	13	+2	68	0	53	25
170	14	16	02	0	0	—	9.5		23	3	16		27	0	48	
160	11	12	02	0	0	—	9.5	-6.6	20	7	18	+5	43	0	53	
										8	15	+2	44	0	43	23
200	8	6	01		0	—	10.2	-4.9	19	10	12	+2	56	0	53	22
00	0	10	02	0	0	—	10.3	-4.4	19	4	16	+3	37	0	36	25
180	4	20	02	0	0	—	10.7	-4.3	21	9	13	+1	47	0	16	8
180	5	8	02	0	0	—	10.5		20	5	10	0	38	0	2	
00	0	10	02	0	0	—	10.8	-3.5	19	3	14	+2	35	0	dr	
00	0	10	00	0	0	—	11.9	-1.6	21	10	14	+2	50	0	1	
00	0	10	00	0	0	—	11.9	-1.4	23	8	12	-3	38	0	dr	
00	0	22	02	0	0	—	10.9		22	7	12		38	0	0	
00	0	14	02	0	0	—	12.0	-0.9	20	4	14	-4	35	0	8	
320	8	14	02	0	0	—	8.9	-7.0	17	8	14	+3	56	0	23	8
220	2	20	02	0	0	—	10.0	-5.6	20	8	15	+3	46	0	2	7
00	0	12	02	0	0	—	11.5		14	-12	10		16	0	dr	
00	0	20	02	0	0	—	12.5	1.5	19	-4	11	-2	21	0	1	
00	0	15	01	0	0	—	10.0	-3.9	19	4	9	-6	37	0	3	
180	7	20	02	0	0	—	11.8	-3.0	22	15	13	-1	65	0	36	15
320	6	20	00	0	0	—	10.9	-3.2	24	4	14	-1	28	0	dr	
300	4	20	02	0	0	—	11.2		24	6	18	-1	32	0	dr	4
360	7	20	01	2	2	Ac	10.0		25	18	23		48	0		
00	0	20	01	0	0	—	11.3		19	1	14		30	0		
360	5	22	03	0	2	Ac	9.7		22	-3	18		19	0		
80	5	21	03	0	5	Ac	9.7		22	-3	19		19	0		
360	7	20	02	0	2	Ac	7.7		24	-2	16		18	0		
30	9	20	02	0	0	—	7.5		25	-4	20		15	0		
00	0	20	02	0	0	—	5.8		27	11	17		37	0		
50	9	10	02	0	0	—	6.7		27	-4	19		13	0		
310	2	20	02	0	2	Ac	9.1		27	12	20		40	0		
310	2	20	02	0	2	cs	6.2		28	6	21		25	0		
20	3	15	05	1	5	cs	8.1		25	0	20		19	0		
340	3	13	05	2	7	cs	9.5		23	9	18		41	0		
70	3	10	05	2	7	cs	7.9		25	-6	19		13	0		
340	7	20	02	2	7	cs	8.1		28	20	22		62	0		
310	1	20	02	2	6	cs	6.0		24	20	22		79	1		
180	5	24	03	0	7	Ac, Ci	7.7		25	22	22		84	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATION

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Farafra	
DATE	9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4		9-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	200	19	130	8	330	11	350	18	80	30	190	8	320	17	310	17	160	14	350	14	350	9
600 m.	220	20	170	13	330	13	310	25	100	25	210	9	320	17	310	16	250	14	340	16	350	22
1000 m	220	19	250	5	340	14	290	21	120	23	260	6	320	15	290	13	260	16	320	21	350	22
1500 m	220	21	250	7	280	8	260	23	150	17	330	3	320	14			250	14	280	23	310	27
2100 m.	230	19	280	16	330	11	260	35	180	17	350	4	320	14					260	19	270	27
2400 m	230	25	290	23									320	17					250	24	280	23
3000 m.			300	28																	260	40
4000 m																					270	20
5000 m																						
6000 m																						

STATION	Cairo (A)		Asyout		Aswan		Matruh		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	9-4		9-4		9-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	280	19	340	16	10	8	240	13	270	24	350	14	60	15	320	20	260	4	320	3	360	3
600 m.	300	15	340	24	350	20	240	12	280	29	350	8	30	11	320	19	260	8	290	6	30	3
1000 m	310	9	350	24	360	20	260	15	280	30	320	14	340	13	350	11	250	12	280	8	300	4
1500 m	280	16	320	9	10	20	260	21	300	24	310	13	320	12			240	27	310	11		
2100 m.	230	29	290	15					350	17			320	17								
2400 m.	280	25	270	16									320	23								
3000 m.													310	16								
4000 m																						
5000 m.																						
6000 m																						

STATION	Cairo (A)		Asyout		Aswan		S. Barrani		Salloum		S. Barrani		Asyout		Luxor		Bahariya		Dakhla		Kharga	
DATE	10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4	
TIME	0600		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED
300 m.	260	11	290	10	320	3	10	5	110	8	60	10	330	9	320	4	310	5	330	7	330	10
600 m.	270	16	300	8	10	7	30	7	120	6	80	4	320	14	300	10	310	7	320	6	340	16
1000 m.	260	10	320	9	10	6	20	5	240	7	320	5	320	18	250	8	330	7	330	8	340	18
1500 m.			290	20	360	16	300	17	220	2	330	9	290	32	270	5	340	7	280	18	50	5
2100 m					350	23	300	12			330	11			280	5	330	8				
2400 m					340	22	300	5			350	11			280	5	340	18				
3000 m																	330	20				
4000 m																	320	22				
5000 m																	330	36				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Aswan					Matruh					Aswan					Matruh				
DATE	9-4					9-4					10-4					10-4				
TIME	1130					1200					1400					1400				
	ALT. m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP. °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	111	32		360	6	25	20				111	34		360	12	25	19			
1000 mb						72	19		290	23						133	18		350	9
950 mb																				
900 mb																				
850 mb	1535	20		310	4	1445	11		260	21	1545	19		310	12	1511	14		330	8
800 mb																				
700 mb	3162	8		260	15	3036	2		270	18	3160	4		320	14	3124	6		340	27
600 mb																				
500 mb	5843	-11		250	23						5817	-11		310	20	5780	-12		330	36
400 mb	7516	-25		250	30						7497	-22		310	30	7440	-25		300	36
300 mb	9551	-37		250	41						9537	-38				9457	-41			
200 mb	12260	-49		260	52											12110	-57			

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 10th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased – during preceding hour
31	Slight or moderate duststorm or sandstorm	no change – during preceding hour
32	Slight or moderate duststorm or sandstorm	increased – during preceding hour
33	Severe duststorm or sandstorm	decreased – during preceding hour
34	Severe duststorm or sandstorm	no change – during preceding hour
35	Severe duststorm or sandstorm	increased – during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " continuous	slight
52	" " intermittent	moderate
53	" " continuous	moderate
54	" " intermittent	thick
55	" " continuous	thick
56	" freezing, slight	
57	" moderate or thick	
58	" and rain, slight	
59	" " moderate or heavy	
60	Rain, not freezing, intermittent	slight
61	" " continuous	slight
62	" " intermittent	moderate
63	" " continuous	moderate
64	" " intermittent	heavy
65	" " continuous	heavy
66	Rain, freezing, slight	
67	" moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " "	slight
72	Intermittent " "	moderate
73	Continuous " "	moderate
74	Intermittent " "	heavy
75	Continuous " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or	slight
90	rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather today all over the Republic, with moderate NW'ly winds, and low clouds near the N. coast. Winds will veer tomorrow to NE'ly between moderate and light. Again Temp. begins to rise gradually with early morning mist in scattered places of Lower Egypt and Cairo.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 34 U.T. / Sunset 16 19 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 0600 on WEDNESDAY 10th APRIL, 1957

Area	Index Number	Station	1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km. (or m.)	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar. Pressure M.S.L. mb.	1200 Temperatures °C Dry Bulb	1200 Dew Point	1200 Relative Humidity %	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km. (or m.)	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar. Pressure M.S.L. mb.	1800 Temperatures °C Dry Bulb	1800 Dew Point	1800 Maximum Today	1800 Maximum Diff. from normal	1800 Relative Humidity %	1800 Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	330	12	18	02	1	4	Sc	8.3	22	11	50	340	12	12	01	2	6	Sc	10.5	17	13	22	-3	77	0
	303	SIDI BARRANI	300	21	15	01	2	7	Sc	7.3	19	14	73	340	17	10	02	2	5	Sc	9.6	16	14	19		88	0
	306	MATRUH (A)	290	22	16	02	0	0	—	7.0	20	14	69	300	22	13	02	2	8	Ns	9.0	18		24			0
	309	EL DABAA	340	12	20	00	0	0	—	5.7	21	14	65	270	20	20	00	0	8	Cs	7.9	18	13	25		73	0
	319	ALEXANDRIA	310	16	20	02	0	0	—	6.1	24	9	28	40	10	20	02	0	0	—	8.4	17	15	28	+5	88	0
	318	ALEXANDRIA (A)	310	16	12	02	0	0	—	6.4	28	0	25	00	0	12	02	0	0	—	7.9	17	14	30	+8	83	0
	330	DAMIETTA	160	2	20	02	0	0	—	8.3	27	10	25	160	2		02	0	0	—	7.8	21	12	27	+5	57	0
	333	PORT SA'ID (A)	70	12	12	03	0	0	—	8.9	23	12	50	90	15	15	02	0	0	—	6.9	20	18	25	+4	88	0
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHUR	230	9	20	01	0	8	Ac	7.5	33	4	16	250	5	10	02	0	0	—	9.1	17	11	33	+7	68	0
	342	MANSURA	90	9		02	0	0	—	8.2	30	6	22	40	3		02	0	0	—	7.1	18	14	31	+4	78	0
	348	TANTA	220	10	20	01	1	1	Cu	7.8	31	4	18	330	2	10	02	0	0	—	7.2	18	9	31	+4	56	0
	360	SHEBIN EL KOM	200	5	20	00	0	0	—	8.2	30	-4	11	200	2	10	00	0	0	—	7.9	19	7	30		46	0
	354	ZAGAZIG	140	1	20	02	0	0	—	8.6	30	15	40	00	0	10	02	0	0	—	5.9	26	14	30	+3	48	0
	441	ISMA'ILIA																									
CAIRO AREA	366	CAIRO (A)	170	11	20	02	0	0	—	7.6	30	3	18	140	12	10	02	0	0	—	5.5	25	5	31		28	0
	372	CAIRO ALMAZA (A)	200	12	25	02	0	0	—	8.1	30	1	16	230	15	12	02	0	0	—	5.8	25	2	31	+5	22	0
	374	CAIRO EZBEKIYA																						31	+3		
	375	GIZA	130	6	10	02	0	0	—	8.8	30	3	18	290	10	8	01	0	0	—	6.1	22	8	31	+3	41	0
	378	HELWAN	180	3	20	02	0	0	—	8.4	29	-1	14	00	0	4	02	0	0	—	6.0	25	2	30	+2	22	0
UPPER EGYPT	381	FAYOUM	240	4	20	02	0	0	—	8.2	33	5	17	240	4	20	02	0	0	—	6.4	24	7	34	+5	34	0
	387	MINYA (A)	230	6	8	02	0	0	—	8.5	32	1	14	180	2	7	02	0	0	—	6.9	23	4	33	+4	29	0
	393	ASYOUT (A)	270	5	14	02	0	0	—	8.8	31	-6	9	150	5	12	02	0	0	—	7.6	26	-4	34	+5	14	0
	399	NAG' HAMADI	00	0	20	01	0	2	Ac	9.4	30	1	16	00	0	10	00	0	0	—	9.1	20	8	32	+1	46	0
	402	QENA	290	2	20	00	0	0	—	9.4	30	5	21	00	0		00	0	0	—	8.8	24	3	31	-3	26	0
	405	LUXOR (A)	340	11	22	02	0	0	—	8.5	31	4	18	00	0	12	02	0	0	—	8.0	23	8	33		38	0
	414	ASWAN	360	2	16	02	0	0	—	8.9	31	1	15	00	0	12	02	0	0	—	8.0	26	-4	32	-2	14	0
OASES	417	SIWA	310	16	15	02	0	0	—	8.7	26	5	27	330	9	14	02	0	0	—	9.5	23	4	27	-2	29	0
	420	BAHARIYA	240	11	10	07	0	0	—	7.5	33	1	26	320	8	10	02	3	0	—	7.8	24	9	34	+4	38	0
	423	FARAFRA	250	5	20	02	0	0	—	8.5	32	-6	8	320	5	12	31	2	0	—	9.1	24	-6	34		14	0
	432	DAKHLA	290	3	23	02	0	0	—	10.0	33	-11	5	270	2	7	02	0	0	—	8.8	28	-11	34	+1	7	0
	435	KHARGA	230	2	20	02	0	0	—	7.3	32	3	16	00	0	7	02	0	0	—	8.2	21	6	33	0	38	0
RED SEA	450	SUEZ	180	2	50	02	0	0	—	8.5	26	12	42	160	2	10	02	0	0	—	7.4	24	9	27	0	38	0
	459	TOR																									
	462	HURGHADA	50	10	8	05	0	0	—	9.5	26	14	48	160	3	8	02	0	0	—	8.6	22	16	27	+3	69	0
	465	QUSEIR	20	6	20	02	0	0	—	7.4	25	17	61	00	0	20	02	0	0	—	9.1	22	13	26	-1	57	0
	641	PORT SUDAN	50	13	18	00	0	1	Ac	7.4	27	21	70	350	5	20	01	0	0	—	8.2	24	22	28		89	0
NORTH SUDAN	600	WADI HALFA	20	5	20	02	0	0	—	8.0	31	-5	9	350	7	20	02	0	0	—	8.1	25	0	31		19	0
	640	ABU HAMAD	00	0	22	01	0	0	—	9.3	34	5	16	360	5	22	02	0	0	—	5.2	28	-2	35		14	0
	660	KAREIMA	30	7	21	02	0	0	—	8.5	33	-11	5	10	3	21	02	0	0	—	6.5	28	0	34		16	0
	680	ATBARA	20	7	20	02	0	0	—	2.6	36	-1	10	350	4	20	02	0	0	—	4.5	29	1	37		17	0
	721	KHARTOUM	350	9	20	02	0	0	—	2.1	36	2	12	320	7	20	01	2	4	Cu	4.3	31	1	37		15	0
	730	KASSALA	350	3	20	02	0	0	—	2.3	37	2	11	350	2	20	02	0	0	—	3.5	29	3	39		19	0
CENTRAL SUDAN	751	WAD MEDANI	100	15	20	02	0	0	—	1.2	39	-10	4											40			
	801	RENK																									
	802	ROSEIRES	230	2	20	02	2	7	Cs	2.2	39	2	10														
	771	EL OBEID	40	3	20	02	2	7	Cs	2.1	35	-1	10	360	6	20	02	2	7	Cs	3.8	29	1	37		17	0
	760	EL FASHER	150	10	13	06	2	7	Cs	3.0	35	16	32	100	5	20	02	2	7	Cs	3.2	31	14	36		36	0
	770	GENEINA	00	0	50	02	2	7	Cs	1.6	37	6	14	00	0	30	01	0	2	Ac, Cu	2.1	32	7	39		21	0
S. SUDAN	840	MALAKAL	350	11	20	02	2	7	Cu, Cs	2.7	37	11	20	310	3	20	02	2	7	Cs	3.7	31	13	38		33	0
	880	WAU	90	4	20	02	2	6	Cu, Cs	2.4	36	16	31	00	0	20	01	2	2	Ac, Cu	3.4	33	19	37		44	0
	941	JUBA	50	4	24	02	2	7	Cu, Ac	3.6	32	18	43	180	2	24	60	2	7	Ch, Ac, Ac	4.5	29	22	34		66	dr

Area	Index Number	Station	0600 Wind Direction Deg.	0600 Wind Velocity in Knots	0600 Visibility in Km. (or m.)	0600 Present Weather ww	0600 Past Weather W	0600 Cloud Amount 0-8	0600 Cloud Forms	0600 Bar Pressure M.S.L. mb.	0600 Bar Pressure Diff from normal mb.	0600 Temperatures °C Dry Bulb	0600 Dew Point	0600 Minimum Today	0600 Minimum Diff. from normal	0600 Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	00	0	18	01	1	2	Sc	13.7	-0.9	17	14	14	+2	83	0	257	
	303	SIDI BARRANI	00	0	18	00	0	0	Cu, Sc	12.8		17	14	14		83	0	252	
	306	MATRUH (A)	320	10	15	02	0	5	Cu	13.3	-1.7	18	14	18		78	0	261	
	309	EL DABAA	290	6	10	00	0	8	Cu	11.2		18	13	16		73	0	203	
	319	ALEXANDRIA	310	12	20	03	0	6	Cu, Sc	11.6	-3.0	17	11	16	+1	68	0	279	181
	318	ALEXANDRIA (A)	320	10	12	02	2	8	Sc	11.4	-4.6	18	12	16	+3	68	0	247	137
	330	DAMIETTA	290	5		03	1	4	Cu	11.6	-2.9	18	14	15	+2	78	0	233	101
	333	PORT SA'ID (A)	270	15	12	03	0	2	Sc, Ci	10.3	-5.5	19	15	16	+1	78	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	20	9	10	03	0	3	Cu	11.9	-2.7	18	10	12	0	60	0	139	95
	342	MANSURA	320	2		01	0	2	Cu	11.4	-3.5	18	13	13	+1	73	0	68	49
	348	TANTA	270	5	20	03	2	5	Cu	12.8	-2.0	18	12	11	0	68	0	79	36
	360	SHEBIN EL KOM	320	2	10	01	1	2	Cu	12.6	-2.2	11	8	14		52	0	58	
	354	ZAGAZIG	220	2	10	02	0	0	—	11.3	-3.6	17	13	12	+1	77	0	53	25
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	220	12	10	01	1	5	Sc, Cu	12.1		18	13	14		73	0	48	
	372	CAIRO ALMAZA (A)	280	9	15	03	0	4	Sc	11.8	-4.2	18	10	15	+2	60	0	53	
	374	CAIRO EZBEKIYA										18	11	15	+2	64	0	43	23
	375	GIZA	290	4	8	03	—	3	Cb	12.8	-2.2	17	13	14	+4	77	0	53	23
	378	HELWAN	320	6	10	02	1	2	Cu	12.6	-2.0	16	10	14	0	68	0	36	26
UPPER EGYPT	381	FAYOUM	360	4	20	02	2	7	St	13.4	-1.5	18	13	13	+1	73	0	16	8
	387	MINYA (A)	350	8	8	02	0	0	—	12.6	-3.6	19	10	11	+1	56	0	2	
	393	ASYOUT (A)	270	4	16	02	0	0	—	12.3	-1.9	20	-1	15	+2	24	0	dr	
	399	NAG' HAMADI	00	0	4	02	0	2	Sc	12.2	-1.7	21	7	6	-6	41	0	1	
	402	QENA	290	2	10	00	0	0	—	11.6	-1.6	24	3	12	-3	26	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	10.6	-2.6	22	6	12		36	0	0	
	414	ASWAN	00	0	12	02	0	0	—	11.0	-1.8	24	0	14	-4	21	0	8	
OASES	417	SIWA	80	5	14	01	0	0	—	14.0	-1.8	16	11	11	0	72	0	23	8
	420	BAHARIYA	20	6	4	03	2	7	Ac	13.7	-1.8	17	13	12	0	77	0	2	7
	423	FARAFRA	360	4	14	02	0	0		14.9		18	6	14		46	0	dr	
	432	DAKHLA	280	3	19	02	0	0	—	13.1	-1.2	21	-7	15	+1	15	0	1	
	435	KHARGA	00	0	15	02	0	0	—	11.6	-2.2	21	3	11	-4	31	0	3	
RED SEA	450	SUEZ	330	3	20	00	0	2	Cu	11.2	-3.5	18	13	13	-1	73	0	36	15
	459	TOR																	13
	462	HURGHADA	300	4	22	00	0	0	—	9.7	-4.3	24	7	12	-3	34	0	dr	
	465	QUSEIR	270	5	20	02	0	0	—	10.0	-2.6	27	6	17	-2	27	0	dr	4
	641	PORT SUDAN	310	2	20	02	0	2	Ac	10.5		25	13	18		48	0		
NORTH SUDAN	600	WADI HALFA	00	0	20	02	0	0	—	11.7		19	4	14		37	0		
	640	ABU HAMAD	360	13	22	02	0	0	—	9.6		25	-5	19		14	0		
	660	KAREIMA	70	8	21	02	0	0	—	10.5		24	3	19		17	0		
	680	ATBARA	360	14	13	01	0	0	—	8.5		25	1	20		21	0		
	721	KHARTOUM	340	7	20	02	0	1	Ac, Cu	8.8		26	-2	21		16	0		
	730	KASSALA	00	0	20	02	0	0	—	6.7		29	10	16		31	0		
CENTRAL SUDAN	751	WAD MEDANI	360	13	20	02	0	0	—	9.2		28	-6	18		10	0		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

[illegible] WIND OBSERVATIONS

[illegible] 1961

STATION	Salloum		Asyout		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4		10-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	80	10	310	11	310	13	350	9	300	14	20	18	200	6	10	12	350	14	350	8	110	18
600 m	100	9	320	12	360	14	360	13	330	10	360	17	130	4	60	16	10	14	350	12	140	11
1000 m	200	5	310	11	300	14	360	15	290	14	350	12	270	4	60	16	10	10	330	17	170	8
1500 m	230	4	320	11	310	17	350	15	340	14	290	14	70	11	40	14	10	8	350	28	120	4
2100 m			320	12	320	19	330	16	320	16	350	10	40	2	30	16	30	7	350	16	100	6
2400 m			340	14			330	17	290	15	350	17	40	11					350	28	100	7
3000 m			300	14			340	26	310	13	320	21	50	8							150	9
4000 m																					250	9
5000 m																						
6000 m																						

STATION	Salloum		Asyout		Aswan		Alex.(A)		P. Said		Minya		Siwa		S. Barrani		P. Said		Minya		Siwa	
DATE	10-4		10-4		10-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	110	14	20	3	350	21	30	7	70	4	360	11	110	19	140	14	90	8	330	4	150	7
600 m	110	12	30	16			80	12	60	16	360	12	140	12	150	10	110	10	40	5	160	10
1000 m	220	9	10	15	350	18	80	14	60	15	10	17	120	11	140	20	100	14	50	9	160	10
1500 m	120	4	330	15	310	16	60	23	40	16	10	14	120	8			80	10			220	5
2100 m	110	10	340	15	290	13			30	13	350	9	110	7			80	14			180	6
2400 m	100	11			290	16			20	13			150	4			90	9			180	5
3000 m													220	9			40	16				
4000 m													300	19								
5000 m																						
6000 m																						

STATION	Salloum		Asyout		Aswan		Matruh		Salloum		Asyout		Aswan		Bahariya		Dakhla		Kharga		Hurghada	
DATE	11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	190	6	340	8	310	5	130	13	170	10	340	3	40	2	320	7	40	2	30	14	360	10
600 m	180	12	350	17	320	4	150	10	170	14	320	6	350	2	360	2	40	5	20	17	50	8
1000 m	200	17	350	21	300	4	180	4	170	19	320	9	40	9	90	5			30	17	110	6
1500 m	180	20	20	10	30	3	50	6	160	28	300	13	200	4							100	25
2100 m					60	3	90	14					40	2							340	47
2400 m							90	16					40	2							360	30
3000 m													350	9								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	11-4					11-4																
TIME	1200					1200																
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	29				25	24													
1000 mb	119	28		60	10	125	23		130	14										
950 mb																				
900 mb																				
850 mb	1517	19		100	9	1524	19		150	16										
800 mb																				
700 mb	3230	9		60	10	3150	7		230	11										
600 mb																				
500 mb	5907	-12				5822	-18		250	14										
400 mb	7570	-27				7482	-26		260	23										
300 mb	9576	-45				9497	-41													
200 mb						12150	-57													

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 11th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues to rise all over the Republic, and weather becomes hot tomorrow. Moderate NE^ly winds in Lower Egypt and Cairo; moderate to fresh S^ly on the coast in the west. Mainly clear. In Upper Egypt: Light N^ly winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 36 U.T. / Sunset 16 20 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 10th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	100	8	18	02	0	0	—	17.5	20	16	78
	303	SÎDI BARRÂNI	70	9	18	02	0	0	—	14.0	19	12	64
	306	MATRÛḤ (A)	300	9	16	01	0	1	Cu	13.8	20	14	69
	309	EL ḌAB'AA	320	15	20	00	0	5	Cu	13.7	20	15	73
	319	ALEXANDRIA	310	14	20	01	1	1	Cu	13.1	20	13	64
	318	ALEXANDRIA (A)	330	14	14	02	0	3	Cu	12.7	21	14	65
	330	DAMIETTA	320	5	20	00	0	0	—	11.8	20	12	60
	333	PORT SA'ÎD (A)	330	13	22	01	0	0	—	11.3	22	15	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	9	20	01	0	2	Ac	12.2	23	12	50
	342	MANṢÛRA	360	3		02	0	0	—	11.0	25	11	42
	348	ṬANṬA	290	6	20	02	0	0	—	12.4	25	11	42
	360	SHEBÎN EL KÔM	250	5	20	01	1	1	Cu	11.8	24	6	32
	354	ZAGAZIG	220	1	20	02	0	0	—	11.3	24		
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	240	12	16	02	0	0	—	11.7	24	12	47
	372	CAIRO ALMÂZA (A)	260	9	25	02	0	0	—	11.6	25	8	34
	374	CAIRO EZBEKÎYA											
	375	GIZA	300	6	10	02	0	0	—	12.7	25	9	36
	378	ḤELWÂN	290	6	20	02	0	0	—	11.8	24	7	34
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	12.4	25	9	36
	387	MINYA (A)	00	0	12	02	0	0	—	12.0	28	4	22
	393	AṢYOÛṬ (A)	270	5	16	02	0	0	—	11.9	28	4	22
	399	NAG' ḤAMÂDI	290	1	10	00	0	0	—	11.0	31	3	17
	402	QENA	290	4	20	00	0	0	—	9.9	33	0	12
	405	LUXOR (A)	280	11	22	02	0	0	—	9.3	35	2	12
	414	ASWÂN	00	0	15	02	0	0	—	7.1	34	-3	9
Oases	417	SÎWA	120	4	16	02	0	0		13.[illegible]	28	7	27
	420	BAḤARÎYA	320	4	20	02	0	0		12.7	26	11	40
	423	FARAFRA	320	5	20	02	0	0		13.8	28	-3	13
	432	DAKHLA	340	5	24	02	0	0		12.7	30	-2	12
	435	KHARGA	330	3	20	02	0	0	—	10.6	33	4	16
Red Sea	450	SUEZ	60	1	50	01	0	0	—	10.6	29	9	29
	459	TÔR											
	462	HURGHÂDA	120	7	20	02	0	0		8.2	29	14	40
	465	QUSEIR	110	4	20	02	0	0		9.5	28	17	52
	641	PORT SÛDÂN	50	15	20	01	0	0		9.1	27	23	79
North Sudan	600	WÂDI ḤALFA	40	10	20	02	0	0		9.2	33	-6	8
	640	ABU ḤAMAD	340	9	22	02	0	0	—	8.9	35	-5	8
	660	KAREIMA	70	5	21	02	0	0	—	7.1	34	-10	5
	680	'AṬBARA	10	9	20	02	0	0		4.1	37	-5	7
	721	KHARṬOÛM	10	7	20	02	0	0		4.4	36	2	12
	730	KASSALA	300	0	20	02	0	0		1.6	39	2	10
Central Sudan	751	WÂD MEDANI	310	9	10	02	0	0		2.9	38	-7	6
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	4	20	02	2	7	Cs	3.7	35	-1	10
	760	EL FASHER	100	5	30	02	2	7	Cs	5.6	35	15	30
	770	GENEINA	180	4	50	03	2	7	Cu, Cc	3.8	36	11	22
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 10th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	270	4	12	02	0	0	—	15.1	18	16	21	-4	88	0
	303	SÎDI BARRÂNI	80	13	10	02	0	0	—	15.1	16	13	20		82	0
	306	MATRÛḤ (A)	16	7	12	02	2	6	Cu, Sc	16.1	16	14	20		88	0
	309	EL ḌAB'AA	320	2	20	00	0	3	Cu	15.9	17	13	21		77	0
	319	ALEXANDRIA	40	12	20	01	0	0	—	15.8	17	15	21	-2	88	0
	318	ALEXANDRIA (A)	360	10	12	03	0	3	Sc	15.3	17	14	22	0	83	0
	330	DAMIETTA	320	2		03	0	3	Ac	14.3	18	15	21	-1	83	0
	333	PORT SA'ÎD (A)	320	13	14	02	0	1	Sc	14.1	18	16	24	+3	88	0
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	330	2	10	02	0	0	—	15.6	17	11	23	-3	68	0
	342	MANṢÛRA	20	5		02	0	0	—	15.0	19	13	26	-1	68	0
	348	ṬANṬA	330	5	10	02	0	0	—	15.2	17	12	26	-2	72	0
	360	SHEBÎN EL KÔM	290	2	10	00	0	0	—	14.3	18	13	25		73	0
	354	ZAGAZIG	00	0	10	02	0	0	—	14.6	19	14	26	-2	73	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)	320	10	12	02	0	0	—	14.7	20	14	26		69	0
	372	CAIRO ALMÂZA (A)	350	11	15	02	0	0	—	14.0	21	10	27	+1	50	0
	374	CAIRO EZBEKÎYA											27	-1		
	375	GIZA	10	7	8	02	0	0	—	14.6	20	12	27	-1	60	0
	378	ḤELWÂN	320	3	10	02	0	0	—	13.9	22	9	26	-2	44	0
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	13.3	22	10	29	0	47	0
	387	MINYA (A)	40	3	8	02	0	0	—	12.8	20	0	30	+1	26	0
	393	AṢYOÛṬ (A)	00	0	12	02	0	0	—	12.7	23	2	29	0	26	0
	399	NAG' ḤAMÂDI	00	0		00	0	0	—	12.4	20	8	33	+2	46	0
	402	QENA	00	0		00	0	0	—	11.4	24	3	34	-1	26	0
	405	LUXOR (A)	360	3	12	02	0	0	—	11.1	25	4	35		26	0
	414	ASWÂN	360	5	12	02	0	0	—	10.0	30	-15	35	0	5	0
Oases	417	SÎWA	170	4	14	02	0	0	—	13.1	22	3	29	0	29	0
	420	BAḤARÎYA	00	0	10	02	0	0	—	13.4	22	11	28	-2	50	0
	423	FARAFRA	00	0	12	02	0	0	—	15.0	22	-1	28		21	0
	432	DAKHLA	350	9	12	02	0	0	—	13.8	24	-5	31	-2	15	0
	435	KHARGA	360	1	9	02	0	0	—	11.8	24	0	34	+1	21	0
Red Sea	450	SUEZ	60	2	10	02	0	0	—	13.1	23	15	29	+1	61	0
	459	TÔR														
	462	HURGHÂDA	310	4	10	02	0	0	—	10.5	21	10	30	+6	50	0
	465	QUSEIR	330	4	20	02	0	0	—	10.2	23	18	30	+3	74	0
	641	PORT SÛDÂN	00	0	20	02	0	0	—	10.7	23	19	29		79	0
North Sudan	600	WÂDI ḤALFA	20	5	20	02	0	0	—	10.6	27	-10	35		8	0
	640	ABU ḤAMAD	340	2	22	03	0	0	—	8.3	27	-4	35		13	0
	660	KAREIMA	50	4	21	02	0	0	—	9.0	28	-9	35		8	0
	680	'AṬBARA	350	5	20	02	0	0	—	7.3	29	-3	37		12	0
	721	KHARṬOÛM	350	8	20	02	0	0	—	6.9	31	2	37		16	0
	730	KASSALA	360	1	20	02	0	0	—	5.7	29	4	39		20	0
Central Sudan	751	WÂD MEDANI											39			
	801	RENK											39			
	802	ROSEIRES											40			
	771	EL OBEID	30	7	20	01	2	2	Ci	5.5	30	0	37		14	0
	760	EL FASHER	80	6	30	02	2	7	Cs	5.1	31	14	37		36	0
	770	GENEINA	350	2	30	11	9	1		5.5	30	19	37		52	1
S. Sûdân	840	MALAKÂL	280	4	20	01	9	6	Ac, Cs	6.6	28	21	38		66	1
	880	WÂU	00	0	20	02	9	8	As	6.9	25	22	37		84	3
	941	JUBA	280	1	20	01	2	5	Ac	6.8	27	21			70	

At 0600 on THURSDAY 11th APRIL, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	00	0	18	02	0	0	—	14.7	+0.2	18	11	13	+1	64	0	257	
	303	SÎDI BARRÂNI	140	10	15	00	0	0	—	14.6		14	11	10		82	0	252	
	306	MATRÛḤ (A)	120	10	16	02	0	0	—	16.1	+1.1	16	14	9		88	0	261	
	309	EL ḌAB'AA	90	4	10	00	0	7		16.2		17	13	11		77	0	203	
	319	ALEXANDRIA	40	6	10	03	4	1	Cu	17.4	+2.8	18	15	16	+1	83	0	279	182
	318	ALEXANDRIA (A)	00	0	10	00	0	4	Sc	17.1	+1.1	18	15	13	0	83	0	347	137
	330	DAMIETTA	20	2		03	1	6	Sc	16.7	+2.2	19	15	15	+2	78	0	233	102
	333	PORT SA'ÎD (A)	20	3	14	01	1	1	Sc	16.3	+0.5	19	14	16	+1	73	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	20	2	10	01	0	3	Cu	16.4	+1.9	19	14	11	-1	73	0	139	95
	342	MANṢÛRA	20	3		03	1	6	Ac	17.2	+2.3	19	14	15	+3	73	0	68	49
	348	ṬANṬA	90	5	20	03	4	5	Cu	17.6	+2.8	19	14	12	+1	73	0	79	86
	360	SHEBÎN EL KÔM	290	2	10	01	1	3	Cu	17.1	+2.4	18	10	14		60	0	58	
	354	ZAGAZIG	40	1	10	03	1	7	Sc	16.4	+1.6	19	14	13	+2	73	0	53	25
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	340	6	15	02	2	6	Sc	16.3		18	14	15		78	0	48	
	372	CAIRO ALMÂZA (A)	40	6	15	03	1	6	Sc, Cu	16.1	+0.1	18	13	15	+2	73	0	53	
	374	CAIRO EZBEKÎYA										19	12	15	+2	64	0	43	23
	375	GIZA	50	6	8	01	—	2	Cu	16.7	+1.7	17	14	14	+4	83	0	53	23
	378	ḤELWÂN	20	4	10	02	0	0	—	16.2	+1.7	17	13	14	0	77	0	36	26
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	16.6	+1.8	19	12	14	+2	64	0	16	8
	387	MINYA (A)	360	10	8	03	0	2	Cu	15.4	-0.8	17	12	12	+1	72	0	2	
	393	AṢYOÛṬ (A)	280	3	10	02	0	0	—	15.0	+0.9	18	8	14	+1	52	0	dr	
	399	NAG' ḤAMÂDI	00	0		00	0	0		14.4	+1.1	20	8	13	+1	46	0	1	
	402	QENA	00	0	10	00	0	0	—	14.4	+1.3	22	6	14	-1	36	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	13.7	+0.6	22	4	14		31	0	0	
	414	ASWÂN	00	0	14	02	0	0	—	13.9	+1.2	23	-1	16	-3	20	0	8	
Oases	417	SÎWA	100	6	14	02	0	0	—	14.8	-1.0	17	10	13	+2	64	0	23	8
	420	BAḤARÎYA	40	2	4	02	0	0	—	16.5	+1.1	18	13	11	-1	73	0	2	7
	423	FARAFRA	00	0	13	02	0	0	—	16.8		18	3	10		37	0	dr	
	432	DAKHLA	290	4	17	02	0	0	—	15.9	+1.7	19	-3	12	-2	23	0	1	
	435	KHARGA	350	1	15	02	0	0	—	12.7	-1.1	22	6	13	-2	36	0	3	
Red Sea	450	SUEZ	60	2	20	00	0	0	—	15.5	+0.9	19	14	14	-1	73	0	36	15
	459	TÔR																	13
	462	HURGHÂDA	320	16	20	00	0	0	—	13.5	-0.4	23	10	16	+1	44	0	dr	
	465	QUSEIR	330	14	20	02	0	0	—	13.6	+1.1	25	12	20	+1	45	0	dr	4
	641	PORT SÛDÂN	00	0	20	02	0	0	—	11.8		27	19	16		62	0		
North Sudan	600	WÂDI ḤALFA	20	4	20	02	0	0	—	13.4		21	-2	15		21	0		
	640	ABU ḤAMAD	50	9	24	02	0	0	—	11.1		26	-6	17		12	0		
	660	KAREIMA	90	5	20	02	0	0	—	12.1		24	-2	20		18	0		
	680	'AṬBARA	20	6	20	02	0	0	—	10.5		25	-5	17		14	0		
	721	KHARṬOÛM	20	13	20	02	0	1	Ci	9.5		26	-1	18		17	0		
	730	KASSALA	00	0	20	02	0	0	—	8.1		27	7	18		28	0		
Central Sudan	751	WÂD MEDANI	50	13	20	02	0	0	—	9.1		27	-4	15		13	0		
	801	RENK	360	5	20	02	0	2	Ac	8.1		28	16	20		49	0		
	802	ROSEIRES	310	2	20	02	0	1	Ci	8.3		26	8	20		32	0		
	771	EL OBEID	30	13	20	01	1	6	Cs	9.0		27	-10	20		8	0		
	760	EL FASHER	350	4	10	02	2	7	Ac, Cs	10.5		24	7	18		34	0		
	770	GENEINA	30	3	50	02	6	7	Ac, Cs	10.7		24	4	22		28	3		
S. Sûdân	840	MALAKÂL	310	4	20	03	2	7	Ac, Cs	9.5		26	21	23		74	1		
	880	WÂU	00	0	20	02	2	7	Ac, As	9.3		24	21	23		84	3		
	941	JUBA																	

SHIP REPORTS in Code: 5 82 56 | 35 | 406 | 032 04 | 97020 | 162 24 | 009 00 | 352 17 | 00221 | 13022

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo(A)		Aswan		P.Said		Minya		Luxor		Siwa		P.Said		Minya		Luxor		Farafra	
DATE	11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4		11-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	180	9	40	18	290	7	60	18	330	10	290	6	160	10	80	26	20	11	320	4	80	7
600 m	180	19	40	16	290	5	110	9	310	9	300	7	160	9	80	35	30	9	90	5	120	7
1000 m	180	17	70	10	300	4	120	11	350	6	310	6	170	14	90	19	90	3	360	6	130	6
1500 m.	180	17	40	10	40	6	110	11	130	11	110	3	210	20	190	10	170	9	40	9	200	4
2100 m	200	17	70	8	10	9	120	8	110	8	90	5	190	13	210	17	180	10	80	4	240	7
2400 m			70	6			120	12	110	6			190	5	190	17	210	6	130	5	140	2
3000 m							90	10	140	5			300	7	210	10	90	4	60	11	290	9
4000 m							340	8	40	[illegible]									80	12	260	11
5000 m																					260	19
6000 m																						

STATION	Alex.(A)		Cairo(A)		Asyout		P.Said		Minya		Luxor		Siwa		P.Said		Minya		Luxor		Siwa	
DATE	11-4		11-4		11-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	90	13	90	19	290	5	130	10	10	4	70	5	160	27	280	5	150	7	30	2	200	13
600 m	100	12	120	7	10	11	140	10	330	4	80	8	180	26	220	10	190	4	30	2	200	17
1000 m	130	9	150	6	350	9	150	7	90	3	80	11	190	16			190	8	40	2	220	13
1500 m.	150	7	180	10	150	4	160	17			100	22	240	11			180	8	40	2	270	17
2100 m											110	12	10	6			240	4	80	4	260	6
2400 m											110	5	350	6			210	8	90	2	260	4
3000 m											180	9	320	10			280	6			230	5
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo(A)		Aswan		Salloum		Alex.(A)		Asyout		S.Barrani		Alex.(A)		Bahariya		Dakhla		Hurghada	
DATE	12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4	
TIME	0600		0600		0500		0500		0500		0500		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	160	19	210	10	50	6	190	10	140	18	320	2	200	7	240	4	220	4	140	1	140	6
600 m	180	25	190	4	30	9	220	40	130	11	10	5	200	10	220	2	220	5	150	3	150	12
1000 m	190	25	190	7	60	17	250	35	150	17	100	4	200	11	220	8	180	3	120	4	150	13
1500 m	200	12	210	15	80	10	230	40	200	5	130	7	180	14	270	14	230	7			170	13
2100 m			210	11	100	12	240	33	190	5			190	17			290	10			200	20
2400 m			140	8	100	10	290	52	210	[illegible]			190	18			310	10			220	16
3000 m							250	26									30	13				
4000 m																	350	12				
5000 m																	250	8				
6000 m																	270	18				

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION	Cairo (A)					Matruh									
DATE	12-4					12-4									
TIME	1200					1200									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface	70	34				25	33								
1000 mb	115	34		310	11	101	33		220	15					
950 mb															
900 mb															
850 mb	1547	22		220	11	1535	21		240	12					
800 mb															
700 mb	3188	10		210	7	3174	7		260	15					
600 mb															
500 mb	5876			230	19	5815	-16		260	26					
400 mb	7559	-22		260	30	7462	-27								
300 mb	9616	-38				9437	-43								
200 mb						12090	-57								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (UT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 12th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot Khamasin conditions prevail over the Republic. Hot winds veering to moderate, at times fresh, SW'ly from the N. coast to Middle Egypt. High and medium clouds increasing.

In the extreme Upper Egypt: Light NE'ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 32 U.T.; Sunset 16 20 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 11th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
180	12	18	03	1	5	ci	11.2	30	11	31	
160	17	18	02	0	4	ci	11.5	29	2	18	
80	16	15	02	0	1	ci	14.0	24	15	57	
40	8	20	00	0	0	—	14.7	22	13	57	
40	12		01	0	0	—	15.0	20	15	73	
20	14	12	02	0	0	—	14.0	23	15	61	
140	5	20	01	1	0	—	14.6	22	15	65	
60	12	14	02	0	0	—	14.6	22	16	69	
20	5	20	02	0	0	—	14.8	27	11	37	
40	3		00	0	0	—	15.0	28	13	40	
90	9	20	02	0	0	—	14.3	28	12	37	
40	5	20	01	1	1	cu	14.0	27	6	27	
40	1	20	02	0	0	—	13.0	27	13	52	
360	10	20	02	0	0	—	12.5	28	4	22	
40	12	20	02	0	0	—	12.6	30	6	22	
70	6	10	01	1	0	—	12.6	28	10	33	
00	0	10	02	0	0	—	12.2	30	1	16	
360	4	20	02	0	0	—	12.8	29	4	29	
30	4	8	02	0	0	—	12.5	30	8	25	
00	0	14	02	0	0	—	11.9	30	-1	13	
00	0	10	00	0	0	—	11.0	32	6	20	
00	0	20	00	0	0	—	11.8	33	6	21	
00	0	22	02	0	0	—	10.3	34	3	14	
360	2	16	02	0	0	—	9.6	34	-7	7	
160	13	14	04	0	2	ci	12.1	31	1	15	
70	2	20	02	0	0	—	12.9	30	10	29	
90	1	13	02	0	0	—	13.3	30	1	16	
00	0	22	02	0	0	—	13.2	27	7	28	
20	2	20	02	0	0	—	10.7	32	0	13	
60	2	50	02	0	0	—	12.7	30	8	25	
10	8	20	02	0	0	—	11.9	27	15	48	
340	10	20	02	0	0	—	13.3	26	14	48	
50	15	20	02	0	0	—	9.1	32	22	56	
280	9	20	02	0	0	—	9.7	34	-1	11	
00	0	24	02	0	0	—	7.7	35	-6	7	
100	2	21	02	0	0	—	7.6	34	-6	7	
50	8	20	02	0	0	—	5.3	31	-5	9	
50	8	20	02	0	0	—	5.5	36	3	13	
310	5	20	02	0	0	—	2.4	37	-3	8	
50	9	20	02	0	0	—	1.8	37	-5	7	
310	5	20	02	0	1	AC	3.1	39	-2	8	
20	10	20	01	1	3	CS	6.2	37	-17	3	
110	2	40	02	2	7		1.8	36	16	31	
180	3	50	02	2	8	Cu, CS	5.0	35	4	14	
00	0	20	02	2	7	CS	4.2	38	-2	8	
200	4	20	02	2	6	Cu, CS	5.1	35	17	55	
40	2	24	02	2	7	Cb, CS	4.0	33	23	56	

At 1800 on 11th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
00	0	12	02	0	7	cs	10.7	21	-7	22	+7	15	0
110	13	12	01	2	5	ci	11.8	18	13	30		73	0
90	11	10	01	1	3	cs	14.3	17	17	24		97	0
90	2	20	00	0	0	—	14.9	17	15	22		88	0
120	12	20	02	0	0	—	15.1	18	16	21	-2	88	0
50	8	12	02	0	0	—	16.0	15	15	25	+3	97	0
00	0		02	0	0	—	16.6	19	16	22	0	85	0
090	14	18	02	0	0	—	15.8	19	16	22	+1	83	0
40	5	10	00	0	1	cu	14.3	-0.2	19	12	13	+1	64
00	0		03	1	6	As	14.3	-0.5	19	15	13	+1	78
00	0	20	03	2	8	As	14.2	-0.6	18	15	11	0	83
140	2	10	00	0	0	—	14.0	-0.7	16	12	14		77
140	1	10	03	1	3	ci	13.9	-0.9	18	15	12	+1	83
240	2	<1	42	4	2	ci	14.1		16	14	13		88
220	2	2.5	10	0	5	ci	13.7	-2.2	18	13	14	+1	73
									22	14	15	+2	61
00	0	10	03	—	6	ci	14.8	-0.1	18	15	12	+2	83
00	0	4	02	2	6	ci	14.2	-0.2	19	9	13	-1	52
00	0	20	03	1	3	cs	14.6	-0.2	24	14	13	0	54
00	0	10	02	0	0	—	14.8	-1.3	19	11	11	0	60
00	0	12	02	0	0	—	14.5	+0.5	21	2	16	+3	29
00	0		00	0	0	—	14.4	+1.2	21	10	13	0	50
00	0	10	00	0	0	—	14.3	+1.3	25	5	14	-2	28
00	0	22	02	0	0	—	13.8	+0.8	23	1	13		24
90	2	14	02	0	0	—	13.5	+0.9	22	-4	15	-4	17
120	6	14	03	0	3	ci	11.5	-4.2	19	-2	13	+1	24
00	0	20	02	0	0	—	14.2	-1.1	21	7	11	-1	41
00	0	15	02	0	0	—	15.2		19	0	12		28
00	0	18	02	0	1		15.4	+1.3	17	0	13	-1	32
00	0	15	02	0	0	—	13.6	-0.1	23	6	12	-3	34
00	0	20	00	0	7	cu	13.5	-1.0	22	13	12	-3	57
00	0		02	0	0	—	15.2	+1.4	18	0	18	+3	30
360	6	20	02	0	0	—	14.1	+1.6	27	-4	17	-2	13
350	8	20	03	0	1	AC	13.3		26	22	20		79
330	2	20	02	0	0	—	13.2		21	1	16		27
70	2	24	02	0	0	—	12.2		27	4	19		33
110	1	21	02	0	0	—	12.3		24	0	20		21
20	4	20	02	0	0	—	11.1		25	-5	17		16
20	7	20	03	1	7	cs	10.3		26	0	21		18
280	4	30	02	0	0	—	9.5		26	0	16		18
50	9	20	02	0	0	—	9.9		28	-6	16		10
50	5	20	02	0	2	AC	11.4		28	-3	19		14
310	2	20	02	0	1	ci	9.3		27	0	9		17
140	11	15	05	0	5	cs	10.5		26	-12	17		7
200	5	40	02	2	7	cs	12.2		24	2	17		24
50	5	50	03	1	7	Sc, cs	12.6		24	-7	19		13
270	3	20	02	2	1	ci	9.8		25	20	25		44
00	0	20	02	1	7	As, Ac	12.6		24	22	22		39
532	26	374	18	032	12	9800	0	152	24	00	900	264	00

Area	Index Number	Station
Mediterranean	62300	SALLOUM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANŞÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAHARÎYA
	428	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARTOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

Ship Reports

At 0600 on FRIDAY 12th APRIL, 1957

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
00	0	18	02	2	5	ci	16.8	-3.6	22	11	20	+8	50	0	257	
160	16	16	00	0	6	ci	11.0		20	8	15		46	0	152	
110	6	15	02	2	5	ci	12.8	-2.1	20	14	12		69	0	261	
110	10	10	00	0	3	ci	12.2		19	12	12		64	0	203	
130	10	10	03	4	6	cs	13.9	-0.7	18	-1	16	+1	28	0	279	182
130	7	12	03	2	6	ci	13.4	-2.6	18	14	12	-1	78	0	247	137
															233	102
80	5	10	01	0	2	ci	14.2	-1.6	21	18	17	+1	83	0		
40	5	10	00	0	1	cu	14.3	-0.2	19	12	13	+1	64	0	139	95
00	0		03	1	6	As	14.3	-0.5	19	15	13	+1	78	0	68	49
00	0	20	03	2	8	As	14.2	-0.6	18	15	11	0	83	0	79	37
140	2	10	00	0	0	—	14.0	-0.7	16	12	14		77	0	68	
140	1	10	03	1	3	ci	13.9	-0.9	18	15	12	+1	83	0	53	25
240	2	<1	42	4	2	ci	14.1		16	14	13		88	0	48	
220	2	2.5	10	0	5	ci	13.7	-2.2	18	13	14	+1	73	0	53	
									22	14	15	+2	61	0	43	23
00	0	10	03	—	6	ci	14.8	-0.1	18	15	12	+2	83	0	53	23
00	0	4	02	2	6	ci	14.2	-0.2	19	9	13	-1	52	0	36	26
00	0	20	03	1	3	cs	14.6	-0.2	24	14	13	0	54	0	16	8
00	0	10	02	0	0	—	14.8	-1.3	19	11	11	0	60	0	2	
00	0	12	02	0	0	—	14.5	+0.5	21	2	16	+3	29	0	dr	
00	0		00	0	0	—	14.4	+1.2	21	10	13	0	50	0	1	
00	0	10	00	0	0	—	14.3	+1.3	25	5	14	-2	28	0	dr	
00	0	22	02	0	0	—	13.8	+0.8	23	1	13		24	0	0	
90	2	14	02	0	0	—	13.5	+0.9	22	-4	15	-4	17	0	0	
120	6	14	03	0	3	ci	11.5	-4.2	19	-2	13	+1	24	0	23	8
00	0	20	02	0	0	—	14.2	-1.1	21	7	11	-1	41	0	2	7
00	0	15	02	0	0	—	15.2		19	0	12		28	0	dr	
00	0	18	02	0	1		15.4	+1.3	17	0	13	-1	32	0	1	
00	0	15	02	0	0	—	13.6	-0.1	23	6	12	-3	34	0	3	
00	0	20	00	0	7	cu	13.5	-1.0	22	13	12	-3	57	0	36	15
																13
00	0		02	0	0	—	15.2	+1.4	18	0	18	+3	30	0	dr	
360	6	20	02	0	0	—	14.1	+1.6	27	-4	17	-2	13	0	dr	4
350	8	20	03	0	1	AC	13.3		26	22	20		79	0		
330	2	20	02	0	0	—	13.2		21	1	16		27	0		
70	2	24	02	0	0	—	12.2		27	4	19		33	0		
110	1	21	02	0	0	—	12.3		24	0	20		21	0		
20	4	20	02	0	0	—	11.1		25	-5	17		16	0		
20	7	20	03	1	7	cs	10.3		26	0	21		18	0		
280	4	30	02	0	0	—	9.5		26	0	16		18	0		
50	9	20	02	0	0	—	9.9		28	-6	16		10	0		
50	5	20	02	0	2	AC	11.4		28	-3	19		14	0		
310	2	20	02	0	1	ci	9.3		27	0	9		17	0		
140	11	15	05	0	5	cs	10.5		26	-12	17		7	0		
200	5	40	02	2	7	cs	12.2		24	2	17		24	0		
50	5	50	03	1	7	Sc, cs	12.6		24	-7	19		13	0		
270	3	20	02	2	1	ci	9.8		25	20	25		44	0		
00	0	20	02	1	7	As, Ac	12.6		24	22	22		39	0		

* 9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex (A)		P. Said		Minya		Sciwa		Alex (A)		P. Said		Minya		Sciwa	
DATE	12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4		12-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	340	10	20	6	320	2	300	3	360	8	80	5	130	10	120	7	110	16	280	21	160	26
600 m	350	19	270	3	150	3	240	7	290	12	70	4	160	8	120	4	50	4	10	4	160	17
1000 m	140	5	240	6	00	0	250	14	260	13	320	3	200	6	250	7	240	9	330	3	180	10
1500 m.	360	1	220	15	110	4	300	7	220	17			250	13	270	10	240	13	320	6	220	5
2100 m.	260	13	200	14	80	6	330	11	200	23			220	7	280	12	240	12	340	9	260	15
2400 m.	250	23	200	6			330	11	200	18			240	7	280	14	280	5	340	6	280	13
3000 m			250	6					230	16					280	20	320	13			240	10
4000 m.																	350	12				
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
DATE	12-4		12-4		12-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	260	12	60	7	60	4	140	10	150	5	110	7	160	14	70	10	360	8	170	7	120	7
600 m.	160	19	60	4	100	17	150	7	250	2	80	6	170	20	70	8	350	4	180	5	170	15
1000 m.	150	11	130	8	100	19	340	4	280	5	100	7	150	20	70	8	330	5	130	10	180	16
1500 m.	330	4	170	4	50	7	210	3	250	10	110	9	140	13			300	4	140	12	150	16
2100 m.	340	5	200	16	40	12			310	12			250	13							180	17
2400 m.			210	7	50	12			310	12			260	15							190	17
3000 m.									290	9			270	15							220	8
4000 m.									290	10			280	17							240	11
5000 m.													280	16								
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Asyout		Luxor		S. Barrani		Asyout		Luxor		Bahariya		Dakhla		Kharga	
DATE	13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	50	13	80	11	100	7	110	4	40	8	100	12	60	7	360	2	130	14	180	2	360	3
600 m.	60	19	80	6	110	15	40	9	40	10	190	17	70	5			140	10	310	2	40	5
1000 m	100	14	100	4	110	14	40	9	40	6	210	14	40	3	30	3	150	9	220	3	10	4
1500 m	100	9	250	4	70	12	120	7	140	4	200	28	140	6	30	11	180	5			330	3
2100 m			320	2	30	17	160	9	100	4			160	15	40	9	90	14				
2400 m			360	11			220	10	130	6			170	8	60	8	80	16				
3000 m															80	9	70	16				
4000 m																	50	14				
5000 m																	50	13				
6000 m																	60	10				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	13-4					13-4																
TIME	1130					1200																
	ALT m.	TEMP °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface	70	36				25	26													
1000 mb	114	36		260	7	118	25		140	7										
950 mb.																				
900 mb																				
850 mb						1549	24		210	14										
800 mb.																				
700 mb.						3200	11		240	14										
600 mb.																				
500 mb	5840	-15				5886	-12		220	19										
400 mb	7490	-28				7546	-25		270	18										
300 mb						9574	-40		270	31										
200 mb						12240	-55		270	59										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 13th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31		no change — during preceding hour
32		increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34		no change — during preceding hour
35		increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88		moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90		moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot Khamaseen conditions still prevailing all over the Republic. Some high clouds in the North. Winds chiefly NE'ly between light and moderate.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 31 U.T. / " " Sunset 16 21 U.T.

All Times are Universal Times (U.T) [Two hours slower than local time]

At 1200 on 12th. / At 1800 on 12th.

Area	Index Number	Station	1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km. (or m.)	1200 Present Weather ww.	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar Pressure M.S.L. mb	1200 Temperatures °C Dry Bulb	1200 Temperatures °C Dew Point	1200 Relative Humidity %	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km. (or m.)	1800 Present Weather	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar Pressure M.S.L. mb	1800 Temperatures °C Dry Bulb	1800 Temperatures °C Dew Point	1800 Maximum Today	1800 Maximum Diff. from normal	1800 Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	150	3	12	02	2	7	As, Ci	10.4	28	15	45	00	0	12	02	0	0	—	12.5	23	6	31	+6	34	0
	303	SÎDI BARRÂNI	10	8	16	02	2	8	As, As, Ci	10.3	29	10	31	350	1	14	02	1	0	—	12.7	19	15	34		78	0
	306	MATRÛH (A)	200	18	16	02	2	7	Ac, Ci	11.4	33	−2	10	100	10	12	01	1	2	Ci	11.3	19	15	24		78	0
	309	EL DAB'AA	20	6	20	00	0	7	Cs	11.6	26	14	48	00	0	20	00	0	0	—	11.7	19	14	32		73	0
	319	ALEXANDRIA	00	5	10	03	1	6	Cs	13.3	23	16	65	40	10	00	01	1	5	Cs	13.4	22	13	26	+3	57	0
	318	ALEXANDRIA (A)	300	3	12	02	2	6	Ci	12.5	30	14	38	50	6	12	02	2	7	As, Ci	12.8	20	16	30	+7	78	0
	330	DAMIETTA	140	2	20	02	2	7	Ac	13.4	30	19	52	220	2		02	2	7	Ac	13.6	27	13	30	+8	42	0
	333	PORT SAÏD (A)	30	7	14	02	1	5	Ci	13.7	24	19	74	90	8	14	02	1	2	Ci	12.8	21	16	26	+5	74	0
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHÛR	40	2	20	01	1	5	Ci	13.1	30	13	35	40	2	10	01	1	3	Ci	13.4	20	7	33	+7	43	0
	342	MANŞÛRA	20	3		03	1	6	Ci	13.0	34	9	22	40	3		01	1	3	Ci	13.1	23	16	34	+7	65	0
	348	ṬANṬA	220	6	20	03	2	6	Ci	12.8	33	7	20	20	6	10	03	2	5	Ci	13.6	22	16	34	+6	69	0
	360	SHEBÎN EL KÔM	110	5	20	01	1	1	Cu	12.3	32	6	20	110	2	10	00	0	1	—	12.8	25	8	32		34	0
	354	ZAGAZIG	00	1	20	02	1	3	Ci	11.6	34	15	32	40	1	10	01	1	0	—	12.4	26	16	35	+7	55	0
	441	ISMA'ILÎA																									
CAIRO AREA	366	CAIRO (A)	310	11	10	02	2	6	Ci	12.1	34	4	15	100	2	12	02	2	5	Ci	12.7	26	10	35		37	0
	372	CAIRO ALMÂZA (A)	250	9	20	02	2	7	Ci	11.9	35	−2	9	80	6	15	02	2	7	Ci	12.6	28	8	35	+8	29	0
	374	CAIRO EZBEKÎYA																						31	+9		
	375	GIZA	210	1	10	02	2	5	Cs	11.8	35	8	19	00	0	10	02	2	6	Ci	12.4	22	15	36	+8	37	0
	378	ḤELWÂN	00	0	4	02	2	6	Ci	11.8	34	6	18	00	0	4	02	2	3	Ci	12.9	28	7	35	+7	27	0
UPPER EGYPT	381	FAYOÛM	290	4	20	02	2	4	Ac	12.4	35	10	22	290	4	22	01	1	5	Ac	12.9	24	14	36	+7	54	0
	387	MINYA (A)	220	6	12	02	0	2	Ci	12.1	35	3	13	00	0	8	02	0	7	Ci	12.5	26	8	36	+7	32	0
	393	AṢYOÛṬ (A)	140	3	15	02	0	1	Ci	11.2	36	−5	7	00	0	12	02	0	3	Ci	12.8	30	−3	37	+7	11	0
	399	NAG' HAMÂDI	00	0	10	00	0	0	—	11.3	35	1	12	00	0		01	0	2	Ac	12.8	21	4	36	+5	33	0
	402	QENA	00	0	20	00	0	0	—	11.8	37	11	20	00	0		00	0	0	—	12.0	25	5	38	+3	28	0
	405	LUXOR (A)	00	0	20	02	0	0	—	9.7	37	−2	8	00	0	12	02	0	0	—	10.9	27	3	38		22	0
	414	ASWÂN	360	2	15	02	0	0	—	10.7	37	−2	8	360	7	12	02	0	0	—	9.7	30	−1	40	+5	13	0
OASES	417	SÎWA	250	9	14	02	1	5	Cs	10.2	37	−11	4	130	1	14	02	1	3	As, Ci	9.5	27	−7	40	+11	10	0
	420	BAHARÎYA	180	2	20	03	2	5	Ci	11.6	36	15	29	00	0	20	01	1	3	Ci	12.0	26	10	37	+7	37	0
	423	FARAFRA	220	4	20	03	0	4	Ci	11.5	36	4	13	100	1	12	01	0	1	Ci	12.6	26	−6	38		12	0
	432	DAKHLA	10	4	22	03	0	1	Ci	12.7	34	−2	10	350	2	15	01	0	1	Ci	12.4	31	−26	37	+4	2	0
	435	KHARGA	180	1	20	02	0	0	—	10.0	36	−2	9	00	0	10	02	0	0	—	11.3	24	1	36	+3	22	0
RED SEA	450	SUEZ	60	2	50	01	0	5	Cu	12.3	31	10	28	00	0	10	01	0	3	Cu	12.4	27	11	32	+4	37	0
	459	TÔR																									
	462	HURGHÂDA	20	9	20	03	0	1	Ci	12.9	29	12	35														
	465	QUSEIR	340	7	20	02	0	0	—	13.3	26	16	55	00	0	20	0—	0	0	—	13.0	24	17	29	+2	65	0
	641	PORT SÛDÂN	50	12	20	02	0	0	—	10.5	29	24	74	60	1	20	02	0	0	—	12.2	26	23	31		84	0
NORTH SUDAN	600	WÂDI HALFA	90	5	20	02	0	0	—	9.1	36	−5	7	20	6	20	02	0	0	—	6.4	30	−1	38		13	0
	640	ABU HAMAD	50	2	24	02	0	0	—	7.0	37	1	11	20	5	24	02	0	0	—	7.2	30	−6	38		9	0
	660	KAREIMA	20	3	21	02	0	0	—	7.5	37	−3	8	60	5	21	02	0	0	—	7.8	32	−6	37		8	0
	680	ʿATBARA	50	7	20	02	0	0	—	5.5	37	−11	4	350	3	20	02	0	0	—	6.5	29	2	38		18	0
	721	KHARṬOÛM	40	5	20	02	2	0	—	5.9	37	7	16	360	5	20	02	0	0	—	6.3	31	7	38		22	0
	730	KASSALA	260	5	20	02	0	0	—	5.3	39	−7	5	350	1	20	02	0	0	—	6.5	25	1	39		21	0
CENTRAL SUDAN	751	WÂD MEDANI	50	5	20	02	0	0	—	4.7	37	−11	4											39			
	801	RENK																									
	802	ROSEIRES	360	5	20	02	0	1	Ci	1.6	39	−3	7														
	771	EL OBEID	20	3	20	01	1	2	Ci	5.1	37	−11	4											37			
	760	EL FASHER	260	5	15	02	2	7	Cs	5.3	37	5	13	40	7	25	01	2	6	Cs	5.4	31	3	38		17	0
	770	GENEINA	250	2	50	03	2	3	Cu, Cs	5.7	39	4	12	20	4	50	01	1	1	Ac	6.5	31	−2	38		11	0
S. SÛDÂN	840	MALAKÂL	20	6	20	02	2	7	Cs	4.9	38	−4	7	230	2	20	02	2	7	Cs	5.7	30	5	39		21	0
	880	WÂU	250	8	20	02	2	7	Cu, Cs	5.4	34	19	41	190	2	20	95	9	8	Cu, As, Ci	3.7	24	21	36		84	2
	641	JUBA	200	2	24	01	2	6	Cu, Cs	5.6	32	20	49	270	2	24	13	9	7	Cu, As, Ci	8.6	25	21	33		79	0

RETARDS — DATE

At 0600 on SATURDAY 13th APRIL, 1957

Station	0600 Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	360	12	16	03	0	1	Cu	13.4	−0.9	18	16	18	+5	88	0	257	
SÎDI BARRÂNI	20	5	15	00	0	0	—	12.9		18	14	14		78	0	252	
MATRÛH (A)	290	2	16	02	0	0	—	13.2	−1.7	19	16	12		83	dy	261	
EL DAB'AA	00	0	10	00	0	0	—	12.1		21	12	17		57	0	203	
ALEXANDRIA	130	6	10	01	4	0	—	13.6	−0.8	23	10	18	+3	44	0	279	182
ALEXANDRIA (A)	00	0	12	02	0	0	—	13.2	−2.7	22	14	14	+1	61	0	207	127
DAMIETTA	140	2	4	01	1	0	—	13.6	−0.8	23	18	15	+1	74	0	233	102
PORT SAÏD (A)	130	6	14	02	0	0	—	13.4	−2.3	18	16	18	+2	88	0		
EL 'ARISH																	
DAMANHÛR	00	0	10	02	0	0	—	13.4	−1.1	26	14	14	+3	48	0	139	96
MANŞÛRA	00	0	3	00	0	0	—	13.3	−1.5	23	17	16	+4	69	0	68	49
ṬANṬA	00	0	20	02	0	0	—	13.0	−1.7	24	15	14	+3	57	0	79	37
SHEBÎN EL KÔM	140	2	10	00	0	0	—	13.4	−1.3	23	12	16		50	0	58	
ZAGAZIG	40	1	10	02	0	0	—	13.6	−2.1	21	12	15	+4	57	0	53	25
ISMA'ILÎA																	
CAIRO (A)	00	0	7	02	0	0	—	12.9		28	12	18		37	0	48	
CAIRO ALMÂZA (A)	00	0	15	02	0	0	—	12.7	−3.2	25	7	18	+5	32	0	53	
CAIRO EZBEKÎYA										24	15	14	+1	57	0	43	23
GIZA	00	0	2	10		0	—	13.6	−1.2	22	13	13	+3	37	0	53	23
ḤELWÂN	00	0	8	05	0	0	—	13.1	−1.3	24	12	20	+6	47	0	36	26
FAYOÛM	00	0	20	02	0	0	—	13.5	−1.2	24	10	15	+3	41	0	16	8
MINYA (A)	360	1	7	02	2	1	Ci	13.0	−3.0	21	8	13	+2	44	0	3	
AṢYOÛṬ (A)	120	5	16	02	1	3	Ci	13.2	−0.7	24	−5	16	+3	15	0	dr.	
NAG' HAMÂDI	00	0	4	01	0	4	As, Cs	14.0	+0.3	23	12	15	+2	50	0	1	
QENA	00	0	10	03	1	3	Ci	13.5	+0.6	30	5	16	0	21	0	dr.	
LUXOR (A)	00	0	22	02	2	3	Ci	13.0	0.0	25	5	16		28	0	0	
ASWÂN	00	0	12	01	1	5	Ci	12.4	−0.2	30	2	19	0	20	0	8	
SÎWA	330	5	16	02	0	0	—	11.9	−3.7	19	2	12	0	32	0	23	8
BAHARÎYA	00	0	10	02	0	0	—	12.0	−3.3	24	9	13	+1	38	0	2	7
FARAFRA	00	0	15	02	0	0	—	13.9		20	−1	12		24	0	dr.	
DAKHLA	00	0	15	02	0	0	—	14.2	+0.3	20	−8	12	−3	15	0	1	
KHARGA	00	0	15	03	0	1	Ci	10.7	−2.9	26	8	15	0	32	0	3	
SUEZ	00	0	20	00	0	2	Cu	13.6	−1.0	23	10	13	−2	44	0	86	15
TÔR																	
HURGHÂDA	00	0	20	00	0	1	Ci	13.9	+0.1	25	8	14	−1	34	0	dr.	
QUSEIR	270	6	20	02	0	6	Cs	13.4	+1.0	28	3	19	0	20	0	dr.	4
PORT SÛDÂN	00	0	20	02	1	3	Sc	12.5		28	20	21		62	0		
WÂDI HALFA	00	0	20	02	0	0	—	11.1		21	−3	18		17	0		
ABU HAMAD	70	2	20	03	0	0	—	10.1		27	11	21		37	0		
KAREIMA	100	1	21	02	0	0	—	9.6		25	1	18		21	0		
ʿATBARA	20	5	20	02	0	0	—	8.9		27	9	19		32	0		
KHARṬOÛM	40	6	16	05	0	1	Ci	9.1		25	0	20		19	0		
KASSALA																	
WÂD MEDANI	50	5	10	02	0	2	Ci	8.8		28	−2	28		23	0		
RENK																	
ROSEIRES																	
EL OBEID	360	7	20	03	2	6	Cs	8.4		26	−11	14		8	0		
EL FASHER	00	0	30	02	2	7	Cs	12.2		19	3	18		35	0		
GENEINA	40	3	30	02	0	1	Ci	11.8		22	−19	18		6	0		
MALAKÂL	120	1	20	01	2	7	Ci	9.7		27	18	21		58	0		
WÂU	220	4	20	02	2	7	Cs	7.7		27	20	23		66	2		
JUBA	180	7	24	04	2	7	As, As	9.2		24	21	22		84	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4		13-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2200		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
500 m	100	21	80	9	70	6	80	19	40	25	270	2	140	21	90	17	80	22	50	9	160	18
600 m	120	14	90	13	70	13	110	10	20	21	300	3	140	23	110	18	70	17	10	4	160	23
1000 m	170	15	100	14	80	8	140	10	360	24	300	3	150	23	130	17	50	13	70	5	170	21
1500 m	180	17	110	19	110	4	210	14			100	6	190	17	170	12	290	5	120	7	200	9
2100 m	200	17	110	23	160	4	130	4			110	10	210	18			190	9	120	6	190	14
2400 m			110	22			30	6			100	4	140	23			210	10	130	8	200	17
3000 m											110	6					190	13	100	8		
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-4		13-4		13-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
500 m	120	29	270	22	100	28	140	30	110	20	140	15	180	23	170	16	130	9	190	10	180	27
600 m	150	23	80	12	100	30	140	50	120	13	160	21	180	23	180	17	160	10	160	4	180	23
1000 m	170	22	110	17	90	15	150	43	140	10	160	24	180	23	190	19	150	10	190	4	190	18
1500 m	170	25	180	14	40	9	210	25	180	8			170	20	200	26	180	15	130	13	180	23
2100 m	170	23	160	17	40	11	270	22	210	10			180	20	180	20			120	14		
2400 m	180	23	160	12			260	20	220	9					170	16			110	15		
3000 m	210	26	100	7			290	16	220	7									100	11		
4000 m																			70	7		
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada		Matruh	
DATE	14-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4		14-4	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1400	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
500 m	110	11	40	12	70	10	120	7	130	19	180	29	170	6	140	20	140	18	80	10	200	20
600 m	160	17	60	14	90	19	130	16	140	22	180	26	140	5	120	9	150	17	110	3	190	22
1000 m	130	10	20	14	100	20	130	18	280	4	90	5	160	5	120	12	160	14	70	10	190	23
1500 m	80	9	80	11	80	19	140	20	140	5	160	3	110	10					150	11	190	19
2100 m	80	7	90	9	70	17	130	26	120	17	150	18	130	13					140	13	190	15
2400 m	90	9	70	6			140	19	120	18	180	16	130	14					110	14	190	15
3000 m	100	9									130	19	160	9					110	10	180	11
4000 m											90	21									180	11
5000 m											70	21									180	13
6000 m											100	9									240	20

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						14-4														
TIME						1400														
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface						25	37													
1000 mb						75	37		200	18										
950 mb																				
900 mb																				
850 mb						1525	26		190	19										
800 mb																				
700 mb						3181	11		180	11										
600 mb																				
500 mb						5868	-12		230	18										
400 mb						7533	-23		240	27										
300 mb						9570	-40		260	30										
200 mb						12240	-53		250	72										

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 14th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous " on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) } not falling as shower (s) } during preceding hour not at time of observation
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30, 31, 32 Slight or moderate duststorm or sandstorm: decreased, no change, increased } during preceding hour
33, 34, 35 Severe duststorm or sandstorm: decreased, no change, increased
36 Slight or moderate drifting snow } low
37 Heavy " "
38 Slight or moderate " " } high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible } has become thinner during preceding hour
43 " " not "
44 " " discernible } no change during preceding hour
45 " " not "
46 " " discernible } has begun or become thicker during last hour
47 " " not "
48 " , depositing rime, sky discernible
49 " " " " not "
50 Drizzle, not freezing, [illegible]
51 " " [illegible]
52 " " [illegible] moderate
53 " " [illegible]
54 " " [illegible]
55 " " [illegible]
56 " freezing, slight
57 " " moderate
58 " and rain, slight
59 " " moderate
60 Rain, not freezing, [illegible]
61 " " continuous
62 " " intermittent
63 " " continuous
64 " " intermittent
65 " " continuous
66 Rain, freezing, slight
67 " moderate
68 " or drizzle and snow, [illegible]
69 " [illegible]
70 Intermittent fall of snow flakes
71 Continuous "
72 Intermittent " moderate
73 Continuous "
74 Intermittent " "
75 Continuous "
76 Ice needles
77 Granular snow with or without fog
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed, slight
88 " moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not in thunderstorm, slight
90 " moderate
91 Slight rain } thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow
95 Thunderstorm slight or moderate without hail } thunderstorm at time of observation
96 " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail

* or rain and snow mixed

CLOUD FORM

C Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fractocumulus
Fs Fractostratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow

Hot Khamasin weather continues to prevail all over the Republic. Winds chiefly moderate S/SEly, fresh at times on N. coast in the west. Some high clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 30 U.T. / " " Sunset 16 21 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13 Th											At 1800 on 13 Th													
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR PRESSURE M.S.L.	TEMPERATURES °C		RELATIVE HUMIDITY %	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR PRESSURE M.S.L.	TEMPERATURES °C				RELATIVE HUMIDITY %	RAIN PAST 12 hrs.
DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	mb	Dry Bulb	Dew Point		DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	mb.	Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal		mms.
270	7	18	02	0	0	—	11.7	22	15	65	270	7	12	02	0	0	—	8.7	20	12	24	-1	60	0
60	12	16	02	0	0	—	11.2	21	17	78	100	7	12	02	0	3	Ac	8.5	19	13	22		68	0
60	11	18	02	0	0	—	12.5	25	14	51	100	15	13	02	2	7	Ac	10.9	20	14	26		69	0
20	5	20	00	0	0	—	12.9	19	18	94														
40	12	20	02	0	0	—	13.1	28	16	49	90	18	20	02	0	0	—	12.8	22	11	29	+5	50	0
40	10	12	02	0	0	—	12.3	28	12	49	60	14	12	02	0	0	—	12.4	21	14	33	+10	65	0
40	2	20	02	0	0	—	13.3	27	16	52	20	5		02	0	0	—	13.4	22	14	28	+6	61	0
30	12	20	02	0	0	—	12.7	25	17	61	80	12	18	02	0	0	—	13.4	20	16	28	+6	78	0
00	0	20	02	0	0	—	12.4	35	8	19	30	2	10	02	0	0	—	13.1	21	12	36	+9	57	0
360	3		02	0	0	—	12.4	36	9	19	40	3		02	0	0	—	13.0	22	12	36	+9	53	0
130	1	20	02	0	0	—	12.0	36	6	15	90	7	10	02	0	0	—	12.1	22	12	36	+8	53	0
140	5	20	02	0	0	—	11.4	32	6	20	140	2	10	00	0	0	—	11.9	24	11	38		44	0
00	0	20	02	0	0	—	11.3	35	9	53	220	7	10	02	0	0	—	11.9	23	16	36	+8	65	0
330	11	14	02	0	0	—	11.0	37	12	22	100	20	12	02	0	0	—	11.9	27	13	38		42	0
310	7	20	02	0	0	—	11.2	38	7	15	50	20	15	01	0	0	—	11.6	28	4	38	+11	22	0
																					39	+10		0
00	0	10	02	0	0	—	12.6	37	2	11	40	18	10	02	0	0	—	11.6	29	8	38	+10	27	0
											40	19	10	02	0	0	—	11.1	29	6	37	+9	23	0
360	4	20	02	0	0	—	11.5	36	8	18	360	4	20	02	0	0	—	10.2	27	10	38	+8	35	0
00	0	8	02	0	0	—	11.2	38	-5	6	40	1	8	02	0	0	—	9.8	28	7	39	+10	27	0
360	7	24	02	0	0	—	10.6	38	-5	6	00	0	10	02	0	0	—	10.4	31	2	38	+8	16	0
00	0	10	02	0	3	Ac	10.2	36	4	13														
00	0				0	—	10.8	38	8	16	00	0		00	0	0	—	9.9		10	39	+4	33	0
240	4		02	0	0	—	9.6	39	-1	8	30	12	12	02	0	0	—	9.2	33	-2	40		10	0
130	12	16	01	0	0	—	8.4	39	-1	8	350	2	14	02	0	0	—	8.2	35	-3	42	+7	9	0
120	7	16	03	0	1	ci	9.8	36	-6	7	120	15	16	01	0	1	ci	7.6	32	-6	39	+10	8	0
110	2	20	02	0	0	—	10.5	38	15	25	90	3	10	02	0	0	—	10.4	28	9	38	+8	31	0
100	2	20	02	0	0	—	10.5	37	-6	6	00	0	12	02	0	0	—	10.3	27	-2	38		15	0
350	2	22	02	0	0	—	11.0	38	-8	5	00	0	9	02	0	0	—	9.9	32	-1	39	+6	12	0
160	8	18	02	0	0	—	7.8	39	-3	7	00	0	7	02	0	0	—	8.0	34	+3	40	+7	32	0
160	2	50	01	0	0	—		33	8	21	00	0	17	01	0	0	—	11.5	26	12	34	+6	42	0
140	4	20	01	0	3	ci	12.8	31	14	36	210	3	10	02	0	0	—	11.7	25	13	33	+8	48	0
30	5	20	02	1	2	cs	12.5	29	14	40	00	0	20	02	0	0	—	12.1	25	13	31	+3	48	0
60	13	18	05	2	3	Sc	10.3	29	26	84	00	0	20	02	0	0	—	10.4	27	25	30		89	0
90	5	20	02	0	0	—	6.7	35	2	12	00	0	20	02	0	0	—	6.6	32	3	40		16	0
90	5	24	02	0	0	—	3.9	38	0	9	00	0	24	02	0	0	—	4.3	32	10	39		26	0
40	5	21	01	0	0	—	4.9	38	-1	9	40	3	21	02	0	0	—	4.0	31	4	39		18	0
00	0	20	02	0	0	—	3.6	37	6	14	00	0	20	02	0	0	—	4.1	31	9	38		26	0
80	5	20	02	0	1	ci	3.5	38	10	18	360	3	20	02	0	0	—	3.8	32	10	39		26	0
110	3	20	02	0	0	—	5.6	39	2	10	340	1	20	02	0	0	—	3.1	28	2	40		19	0
																					40			
																					40			
																					40			
40	11	20	01	2	4	ci	3.6	36	-10	5	10	4	20	01	1	2	ci	4.3	27	0	37		17	0
20	5	30	02	2	7	cs	4.8	35	-1	10	10	4	10	01	1	0	—	4.5	29	5	37		22	0
90	6	30	02	0	0	—	4.6	37	-5	7	20	6	50	02	0	0	—	4.5	30	9	38		27	0
120	1	20	03	2	7	cs	3.9	38	5	13														
											200	3	30	02	2	0	—	3.5	31	11	38		43	0
90	3	24	02	2	6	Ac,ci	5.2	32	21	52	00	0	24	13	1	5	ch, Ac	6.6	27	22	33		74	0

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÎA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛT (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÁDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA
RETARDS	DATE	

At 0600 on SUNDAY 14 Th APRIL 1957.																
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER	PAST WEATHER	CLOUD		BAR. PRESSURE		TEMPERATURES °C					RELATIVE HUMIDITY %	RAINFALL mms.		
DIRECTION Deg.	VELOCITY IN KNOTS		ww	W	AMOUNT 0-8	FORMS	M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal		Past 24 hrs.	Total From Oct. 1st	Normal For Oct. 1st
200	24	18	03	0	2	ci	5.1	-9.1	28	2	18	+5		19	0	257	
180	21	15	00	0	5	Ac	6.2		25	6	13			30	0	252	
170	24	15	01	2	5	Ac,ci	8.0	-6.8	28	1	17			18	0	261	
																203	
130	12	10	01	4	0	—	10.4	-4.1	22	9	18	+3		44	0	279	182
130	4	12	02	0	0	—	10.7	-5.2	23	10	16	+3		44	0	247	137
140	2	10	00	0	0	—	13.0	-1.3	24	17	18	+4		65	0	233	102
120	10	12	02	0	0	—	12.7	3.0	24	16	18	+2		61	0		
160	2	10	02	0	0	—	11.9	-2.5	25	11	15	+3		42	0	139	96
00	0		00	0	0	—	12.4	-2.3	23	10	16	+4		44	0	68	49
130	6	20	02	0	0	—	12.7	-2.0	26	9	16	+5		35	0	79	37
140	2	10	00	0	0	—	12.2	-2.4	25	8	17			34	0	58	
140	1	10	02	0	0	—	11.6	-3.0	24	12	17	+6		47	0	53	25
270	5	10	02	0	0	—	11.4		30	13	22			35	0	48	
260	2	10	02	0	0	—	11.5	-4.4	28	2	20	+7		19	0	53	
									27	13	19	+6		42	0	43	23
00	0	10	01		0	—	11.4	-3.4	24	13	13	+2		50	0	53	23
00	0	10	02	0	0	—	11.9	-2.4	30	-4	21	+7		11	0	36	26
00	0	20	02	0	0	—	12.4	-2.2	30	13	17	+4		35	0	16	8
170	2	8	02	0	0	—	12.1	-3.9	24	6	12	+1		32	0	2	
100	3	10	02	0	0	—	11.9	-1.9	24	3	19	+6		26	0	dr.	
00	0		01	0	0	—	12.4	-0.7			16	+3			0	1	
00	0	10	00	0	0	—	12.4	-0.4	30	1	18	+2		16	0	dr.	
00	0	22	02	0	0	—	11.8	-1.1	25	6	18	+3		30	0	0	
360	5	14	02	0	0	—	11.2	-1.3	26	2	22	+3		21	0	8	
100	4	14	01	1	0	—	9.3	-6.3	22	-2	18	+6		20	0	23	8
130	6	10	02	0	0	—	11.2	-4.0	28	13	16	+4		40	0	2	7
320	1	15	02	0	0	—	12.3		20	-8	8			15	0	dr.	
00	0	20	02	0	0	—	11.9	-2.0	23	-3	16	+2		18	0	1	
00	0	15	02	0	0	—	9.5	-4.0	28	6	19	+4		25	0	3	
160	2	20	00	0	0	—	12.4	-1.9	29	12	14	-1		35	0	36	15
00	0	20	00	0	0	—	12.8	-0.9	28	12	16	+1		37	0	dr.	
320	6	20	02	0	0	—	12.7	+0.3	29	-1	20	0		14	0	dr.	4
330	4	20	02	0	0	—	11.8		28	25	23			84	0		
00	0	20	02	0	0	—	1.9		29	7	22			25	0		
90	5	24	02	0	0	—	8.3		29	15	15			43	0		
130	8	21	02	0	0	—	7.9		29	16	22			46	0		
140	7	20	02	0	0	—	7.5		30	14	24			38	0		
360	7	15	05	0	0	—	6.3		30	9				27	0		
230	2	20	02	0	0	—	6.7		30	19	16			57	0		
90	5	10	02	0	0	—	7.1		29	4	16			37	0		
180	5	20	02	0	0	—	9.8		28	7	19			25	0		
230	2	20	02	0	0	—	8.3		27	9	19			33	0		
340	6	15	05	0	0	—	7.2		26	-7	16			11	0		
320	4		02	0	0	—	9.9		21	-15	13			8	0		
70	4	50	02	0	0	—	10.8		20	-15	18			9	0		
220	6	20	02	2	6	cs	7.1		28	20	25			62	0		
180	11	24	15	2	6	cs	10.0		25	20	23			74	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo(A)		Aswan		Alex.(A)		P-Said		Minya		Siwa		Alex.(A)		P-Said		Minya		Siwa	
DATE	14/4		14/4		14/4		14/4		14/4		14/4		14/4		14/4		14/4		14/4		14/4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	170	30	90	14	90	7	180	12	60	24	210	9	170	18	140	50	100	30	140	13	160	24
600 m.	160	47	70	12	110	11	180	16	50	16	210	12	170	18	150	43	100	26	130	12	160	26
1000 m	180	42	70	11	100	10	200	15	220	31	220	11	180	18	160	42	110	16	140	12	160	25
1500 m.	130	40	70	19	100	14	200	16	160	8	220	15	170	17			120	15	140	14	160	27
2100 m.			80	14			240	19	190	10	250	5	160	16			120	16	140	13	180	33
2400 m			90	14			200	26			230	6					120	17	130	12		
3000 m.			120	6																		
4000 m																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Aswan		Alex.(A)		P-Said		Minya		Siwa		Alex.(A)		P-Said		Minya		Farafra	
DATE	14/4		14/4		14/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		14/4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	27	160	10	90	24	200	18	130	23	150	16	160	29	190	40	100	4	180	23	160	11
600 m	170	24	160	8	90	28	210	10	130	22	150	21	170	29	30	9	180	9	180	20	140	25
1000 m.	170	18	130	6	90	14	210	20	140	26	160	14	180	31	170	16	180	16	180	19	160	26
1500 m.			120	10	60	7	190	23	150	23	130	22	180	29			170	19	160	21	160	17
2100 m.			140	13	50	10	190	30	160	23	130	20	190	20			160	20			80	16
2400 m.			140	15	50	6			170	23	140	19	190	8			150	14			240	13
3000 m			150	15					180	17												
4000 m.			160	16																		
5000 m.																						
6000 m.																						

STATION	Luxor		Cairo(A)		Aswan		Asyout		Luxor		Asyout		Luxor		Aswan		Dakhla		Kharga			
DATE	14/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4			
TIME	2300		0500		0500		0500		0500		1100		1100		1100		1100		1100			
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	20	170	11	00	0	130	23	20	10	150	7	30	3	170	10	110	12	150	23		
600 m.	120	10	160	16	110	19	130	22	110	23	150	9	30	3	150	7	170	13	150	12		
1000 m	120	19	60	18	110	16	40	27	100	35	150	4	360	2	150	8	170	12	140	15		
1500 m.	100	19	160	19	110	23	160	23	140	34	160	10	140	2	110	10			150	20		
2100 m	120	11	160	22	120	20			150	37	140	12			110	10						
2400 m	40	14	150	20					160	33	130	12			120	11						
3000 m.	230	9													130	14						
4000 m															70	8						
5000 m															340	13						
6000 m.															300	13						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION											Aswan											
DATE											15/4											
TIME											1130											
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface											111	40		180	12							
1000 mb																						
950 mb.																						
900 mb																						
850 mb											1554	26		110	10							
800 mb																						
700 mb											3208	10		130	14							
600 mb																						
500 mb											5909	-7		340	11							
400 mb											7609	-19		300	27							
300 mb											9675	25										
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 15th April, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm (decreased / no change / increased)
33, 34, 35 Severe duststorm or sandstorm (decreased / no change / increased)
(30–35: during preceding hour)
36 Slight or moderate drifting snow (low)
37 Heavy " " (low)
38 Slight or moderate " " (high)
39 Heavy " " (high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible (has become thinner during preceding hour)
43 " , " not " (has become thinner during preceding hour)
44 " , " discernible (no change during preceding hour)
45 " , " not " (no change during preceding hour)
46 " , " discernible (has begun or become thicker during last hour)
47 " , " not " (has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent (slight)
51 " " " continuous (slight)
52 " " " intermittent (moderate)
53 " " " continuous (moderate)
54 " " " intermittent (thick)
55 " " " continuous (thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent (slight)
61 " " " continuous (slight)
62 " " " intermittent (moderate)
63 " " " continuous (moderate)
64 " " " intermittent (heavy)
65 " " " continuous (heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes (slight)
71 Continuous " " " (slight)
72 Intermittent " " " (moderate)
73 Continuous " " " (moderate)
74 Intermittent " " " (heavy)
75 Continuous " " " (heavy)
76 Ice needles
77 Granular snow (with or without fog)
78 Isolated star like snow crystals (with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed (slight)
88 Shower (s) of soft hail with or without rain or rain and snow mixed (moderate)
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder (slight)
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder (moderate)
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Abnormal hot Khamasin weather continues all over the Republic; but is likely to weaken tomorrow afternoon. Winds chiefly moderate SW'ly, fresh at times on N. coast in the west. Some high and medium clouds over N. coast.

LIBRARY
1957
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 29 / Sunset 16 33

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 14th — At 1800 on 14th

Station	1200 Wind Direction Deg.	1200 Wind Velocity in Knots	1200 Visibility in Km (or m.)	1200 Present Weather ww	1200 Past Weather W	1200 Cloud Amount 0-8	1200 Cloud Forms	1200 Bar. Pressure mb.	1200 Dry Bulb	1200 Dew Point	1200 Relative Humidity	1800 Wind Direction Deg.	1800 Wind Velocity in Knots	1800 Visibility in Km (or m.)	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount 0-8	1800 Cloud Forms	1800 Bar. Pressure M.S.L. mb.	1800 Dry Bulb	1800 Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloûm	190	24	18	02	1	7	AC	5.8	41	[illegible]	[illegible]	[illegible]	18	12	02	2	5	AC	4.1	35	11	41	+16	23	0
Sîdi Barrâni	190	25	12	07	2	8	AC	6.1	39	[illegible]	[illegible]	[illegible]	[illegible]	10	01	2	7	AC	4.5	29	-12	40		6	0
Matrûh (A)	190	28	16	03	2	5	AC	7.4	38	[illegible]	[illegible]	[illegible]	[illegible]	14	03	2	7	AC	7.3	29	-2	39		13	0
El Dab'aa	160	13	20	00	0	0	—	9.0	40	[illegible]															
Alexandria	130	10	20	02	0	0	—	10.0	38	[illegible]		[illegible]	[illegible]	20	02	0	0	—	9.8	27	16	40	+16	52	0
Alexandria (A)	200	14	14	02	0	0	—	9.1	41	[illegible]	[illegible]	[illegible]	9	12	02	0	0	—	9.0	25	15	42	+19	54	0
Damietta	90	2	20	02	0	0	—	11.9	[illegible]	[illegible]	[illegible]	[illegible]	2	4	02	0	0	—	12.2	24	15	32	+9	57	0
Port Sa'îd (A)	70	11	15	02	0	0	—	11.0	34	[illegible]	[illegible]	[illegible]	14	16	02	0	0	—	11.1	22	17	37	+15	74	0
El 'Arish																									
Damanhûr	160	2	20	02	0	0	—	10.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	02	0	0	—	10.7	25	15	41	+14	54	0
Manṣûra	140	5		02	0	0	—	10.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	02	0	0	—	10.8	26	14	41	+14	48	0
Ṭanṭa	220	6	20	02	0	0	—	[illegible]	38	[illegible]	[illegible]	[illegible]	[illegible]	10	02	0	0	—	10.8	27	11	39	+11	37	0
Shebîn el Kôm	140	5	20	00	0	0	—	7.8	37	[illegible]	12	[illegible]	[illegible]	10	00	0	0	—	10.4	27	13	38		42	0
Zagazig	220	1	20	02	0	0	—	[illegible]	[illegible]	[illegible]	34	[illegible]	1	10	02	0	0	—	9.9	27	19	40	+12	62	0
Ismâ'ilîa																									
Cairo (A)	180	12	16	02	0	0	—	9.4	4[illegible]	8	14	90	9	12	02	0	0	—	9.5	33	9	41		23	0
Cairo Almâza (A)	200	12	15	02	0	0	—	9.9	40	-4	6	110	11	12	02	0	0	—	9.7	33	-7	41	+14	7	0
Cairo Ezbekîya																						41	+12		
Giza	260	10	10	02	0	0	—	9.7	39	2	[illegible]	00	0	10	02	0	0	—	9.3	26	10	40	+12	37	0
Ḥelwân	200	8	10	02	0	0	—	9.5	34	2	[illegible]	[illegible]	7	10	02	0	0	—	9.8	32	-17	40	+12	40	0
Fayoûm	00	0	20	02	0	0	—	9.[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	20	02	0	0	—	9.1	29	12	42	+12	35	0
Minya (A)	00	0	8	02	0	0	—	9.[illegible]	40	[illegible]	[illegible]	[illegible]	[illegible]	7	02	0	0	—	8.9	28	10	41	+11	33	0
Aṣyoûṭ (A)	90	9	12	02	0	0	—	10.3	38	[illegible]	[illegible]	[illegible]	2	12	02	0	0	—	9.3	32	-7	39	+9	8	0
Nag' Ḥamâdi	00	0	10	01	0	2	AC	11.4	37	[illegible]	[illegible]	[illegible]	12	4	09	0	0	—	9.6	33	4	40	+8	16	0
Qena	240	2	20	00	0	0	—	10.0	40	[illegible]	[illegible]	[illegible]	[illegible]	0.05	02	5	0	—	9.3	30	8	41	+6	25	0
Luxor (A)	120	11	22	02	0	0	—	7.[illegible]	40	[illegible]	[illegible]	[illegible]	12	10	02	0	0	—	8.3	34	-4	41		9	0
Aswân	160	8	12	02	0	0	—	7.2	[illegible]		[illegible]	[illegible]	12	10	02	0	0	—	7.3	36	-1	41	+6	10	0
Sîwa	180	25	13	02	0	0	—	7.3	41	-15	[illegible]	[illegible]	12	13	02	0	0	—	6.6	31	-1	41	+12	12	0
Baḥarîya	130	4	20	02	0	0	—	8.6	43	18	[illegible]	140	4	10	02	0	0	—	9.1	30	8	40	+10	25	0
Farafra	140	2	20	02	0	0	—	[illegible]	31		[illegible]	140	4	12	02	0	0	—	8.5	29	1	40		17	0
Dakhla	150	5	20	02	0	0	—	7.0	40	[illegible]	[illegible]	[illegible]	4	12	02	0	0	—	9.5	32	-3	40	+7	10	0
Kharga	50	2	20	02	0	0	—	7.0	40	[illegible]	10	00	0	4	02	0	0	—	7.4	26	8	40	+7	32	0
Suez	160	2	50	02	0	0	—	[illegible]	[illegible]	[illegible]	34	[illegible]	0	10	02	0	5		10.2	27	11	34	+6	37	0
Tôr																									
Hurghâda	140	3	20	02	0	0	—	12.2	29	[illegible]	10	[illegible]	[illegible]	12	02	0	0	—	10.8	24	14	32	+7	54	0
Quseir	360	9	20	02	0	0	—	12.3	31	[illegible]	[illegible]	210	2	20	02	0	0	—	10.8	27	6	32	+4	27	0
Port Sûdân	70	10	20	02	0	1	Sc	9.9	31	[illegible]	70	[illegible]	0	20	02	0	0	—	9.5	27	24	31		84	0
Wâdi Ḥalfa	50	7	20	02	0	0	—	6.0	39	[illegible]	[illegible]	10	7	20	02	0	0	—	5.8	33	8	40		21	0
Abu Ḥamad	90	2	24	03	0	1	Cu	4.4	34	[illegible]	[illegible]	00	0	24	02	0	0	—	4.2	34	11	39		25	0
Kareima	250	7	21	02	0	0	—	3.0	34	[illegible]	[illegible]	630	3	21	02	0	0	—	3.7	34	3	41		14	0
'Aṭbara	190	7	20	02	0	0	—	3.1	39	[illegible]	7	280	3	20	02	0	0	—	3.6	34	1	40		12	0
Kharṭoûm	210	5	20	08	0	0	—	2.1	4[illegible]	[illegible]	16	300	4	20	02	0	0	—	3.6	33	1	41		13	0
Kassala	50	2	20	05	0	1	Cu	1.7	40	[illegible]	[illegible]											41			
Wâd Medani	230	9	20	02	0	0	—	3.1	39	[illegible]	[illegible]											41			
Renk	130	5	20	02	0	2	CS	3.1	37	[illegible]	[illegible]														
Roseires																									
El Obeid	250	2	20	03	0	1	Cu	2.1	37	[illegible]	[illegible]	[illegible]	[illegible]	20	02	0	1	Ci	4.	27	1	38		19	0
El Fasher	140	2	20	02	0	0	—	3.4	36	14	27	110	1	35	02	0	0	—	4.1	29	4	38		20	0
Geneina	260	4	50	03	0	1	Cu, CS	3.7	37	[illegible]	12	[illegible]	0	50	02	0	1	AC	3.6	32	12	39		30	0
Malakâl	230	7	20	02	2	4	Cu, CS	4.1	37	15	24	220	7	20	03	2	7	AC, CS	4.4	32	17	40		41	0
Wâu	180	6	20	03	2	6	Cu, CS	3.6	26	16	[illegible]	00	0	20	02	2	7	AC, CS	3.8	32	19	38		46	dr
Juba	20	4	24	01	2	6	Cb, AC	5.4	33	21	50	220	3	24	13	2	7	Cb, AC, CS	6.7	37	21	34		40	0

At 0600 on MONDAY 15th APRIL, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure mb.	Bar. Diff. from normal	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
Mediterranean	62300	Salloûm	360	26	18	02	2	7	CS	3.1	-11.[illegible]	28	18	28	+15	43	0	257	
	303	Sîdi Barrâni	180	27	16	00	0	3	Ci	2.9		30	2	22		12	0	252	
	306	Matrûh (A)	170	17	16	02	0	1	Ci	3.7	[illegible]	[illegible]	-4	20		12	0	261	
	309	El Dab'aa																203	
	319	Alexandria	130	10	10	01	4	0	—	[illegible]	-2.4	24	14	20	+5	54	0	279	182
	318	Alexandria (A)	140	2	12	07	0	0	—	8.6	-2.3	22	13	16	+3	57	0	247	137
	330	Damietta	160	2	10	00	0	0	—	10.8	[illegible]	26	24	20	+6	89	0	233	102
	333	Port Sa'îd (A)	140	10	15	02	0	0	—	10.1	[illegible]	26	6	20	+4	28	0		
	336	El 'Arish																	
Lower Egypt	339	Damanhûr	160	2	10	02	0	0	—	9.4	[illegible]	28	10	17	+5	33	0	139	96
	342	Manṣûra	00	0	3	00	0	0	—	9.8	-4.[illegible]	31	8	16	+4	30	0	68	49
	348	Ṭanṭa	180	5	20	02	0	0	—	9.4	-4.3	28	6	19	+8	25	0	79	37
	360	Shebîn el Kôm	110	2	10	00	0	0	—	9.2	-4.4	27	9	14		33	0	58	
	354	Zagazig	40	1	10	02	0	0	—	9.2	-6.3	28	19	19	+8	58	0	53	26
	441	Ismâ'ilîa																	
Cairo Area	366	Cairo (A)	180	6	16	02	0	0	—	9.5		36	8	26		18	0	48	
	372	Cairo Almâza (A)	150	9	20	02	0	0	—	9.3	-6.5	35	1	25	+12	12	0	53	
	374	Cairo Ezbekîya										30	5	19	+5	21	0	43	23
	375	Giza	200	1	10	02		0	—	10.3	-4.7	28	6	20	+9	25	0	53	23
	378	Ḥelwân	00	0	16	02	0	0	—	9.8	-4.4	24	6	26	+12	23	0	36	26
Upper Egypt	381	Fayoûm	200	4	20	02	0	0	—	10.0	-4.[illegible]	27	7	18	+5	25	0	16	8
	387	Minya (A)	160	5	8	02	0	0	—	9.8	-6.1	28	4	17	+6	22	0	2	
	393	Aṣyoûṭ (A)	180	4	12	02	0	0	—	10.3	-3.4	27	-6	20	+7	11	0	dr.	
	399	Nag' Ḥamâdi	00	0	4	00	0	0	—	10.4	-2.6	27	13	17	+4	42	0	1	
	402	Qena	360	0	10	00	5	0	—	10.8	-1.9	30	1	20	+4	16	0	dr.	
	405	Luxor (A)	360	3	22	02	0	0	—	10.3	-2.5	29	5	20		22	0	8	
	414	Aswân	360	7	22	02	0	0	—	10.2	-2.2	28	4	24	+5	22	0	8	
Oases	417	Sîwa	100	3	14	02	0	0	—	5.2	-11.3	25	3	21	+9	24	0	23	8
	420	Baḥarîya	40	3	10	02	0	3	Ci	8.9	-6.8	26	7	18	+6	30	0	2	7
	423	Farafra	360	1	15	03	0	2	Ci	9.1		24	-2	18		18	0	dr.	
	432	Dakhla	00	0	17	03	0	4	Ci	11.0	-2.8	[illegible]	2	18	+4	26	0	1	
	435	Kharga	00	0	15	03	0	4	Ci	7.6	-3.9	29	8	18	+3	27	0	3	
Red Sea	450	Suez	00	0	20	00	0	0	—	10.4	-3.8	27	13	16	+1	42	0	36	15
	459	Tôr																	13
	462	Hurghâda	00	0	10	00	0	0	—	11.9	-1.7	27	16	16	0	52	0	dr.	
	465	Quseir	340	10	20	02	0	0	—	10.9	-1.4	30	-4	22	+2	11	0	dr.	4
	641	Port Sûdân	00	0	20	01	1	2	AC	11.		29	23	23		70	0		
North Sudan	600	Wâdi Ḥalfa	00	0	20	02	0	0				27	7	23		33	0		
	640	Abu Ḥamad	70	9	24	02	0	1		8.0		30	12	20		33	0		
	660	Kareima	120	1	21	02	0	0	—	6.8		30	4	23		19	0		
	680	'Aṭbara	140	6	20	02	0	0	—	6.7		30	14	23		38	0		
	721	Kharṭoûm																	
	730	Kassala	00	0	20	02	0	0	—	8.2		31	15	23		38	0		
Central Sudan	751	Wâd Medani	90	5	20	02	0	0	—	8.4		27	-3	17		12	0		
	801	Renk																	
	802	Roseires																	
	771	El Obeid	00	0	20	01	0	0	—	7.1		29	-3	17		12	0		
	760	El Fasher																	
	770	Geneina																	
S. Sûdân	840	Malakâl	250	13	20	03	2	7	CC	1.6		32	17	26		41	dr		
	880	Wâu																	
	941	Juba	180	9	24	02	2	7	CS	8.3		26	20	23		70	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Aswan		Asyout		Luxor		Alex. (A)		P. Said		Minya		Cairo		Alex. (A)		P. Said		Minya	
DATE	15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4		15/4	
TIME	1800		1700		1700		1700		1700		1700		1700		1700		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	12	100	8	160	16	70	35	180	21	130	9	170	25	270	23	170	19	170	47	140	17
600 m.	180	13	90	14	160	15	80	30	180	35	170	17	170	22	240	10	180	22	160	30	150	20
1000 m.	170	23	100	11	160	15	80	19	180	40	170	14	170	23	260	12	180	23	160	29	160	17
1500 m.	160	20	110	15	170	13	280	12	180	45	180	16	180	24	[illegible]	23	190	33	160	27	170	17
2100 m.	120	6	140	6	170	13					170	20	170	25								
2400 m.			130	9	160	16					160	15	170	23								
3000 m.											110	19										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Aswan		Asyout		Luxor		Alex. (A)				Minya		Cairo		Alex. (A)		P. Said		Minya	
DATE	15/4		15/4		15/4		15/4		16/4				16/4		16/4		16/4		16/4		16/4	
TIME	2300		2300		2300		2300		0500				0500		0500		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	170	30	110	29	140	30	360	3	290	23			150	16	220	15	320	35	290	32	300	23
600 m.	190	18	110	28	140	24	140	10	290	28			170	17	[illegible]	24	320	50	240	21	310	10
1000 m.	180	21	120	4	150	18	130	13	280	20			170	17	[illegible]	[illegible]			250	20	300	18
1500 m.	190	21	140	2	180	16	140	19					220	19	240	32					300	27
2100 m.			120	3	200	19	140	26					230	13								
2400 m.			140	2	210	17	130	26					230	20								
3000 m.							130	33														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Aswan		Asyout		Luxor		S. Barrani		Matrah		Aswan		[illegible]		Asyout		Luxor			
DATE	16/4		16/4		16/4		16/4		16/4		16/4		16/4		16/4		16/4		16/4			
TIME	0500		0500		0500		0500		1100		1100		1130		1100		1100		1100			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	170	38	00	0	150	35	30	6	320	18	190	13	00	0	280	11	280	26	140	4		
600 m.	190	27	120	24	170	23	120	3	300	19	280	12	00	0	290	16	260	8	160	4		
1000 m.	180	22	120	20	170	25	170	8	290	18	270	11	00	0	300	18			150	3		
1500 m.	190	16	100	16	180	20	160	15	290	21	260	13	70	4	290	20			150	6		
2100 m			70	15			140	19	290	18	250	18	60	[illegible]					150	4		
2400 m.			80	10			150	21			230	25	60	[illegible]								
3000 m.							140	33			220	46	20	4								
4000 m													300	7								
5000 m													300	16								
6000 m													280	19								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matrah					Aswan									
DATE						16-4					16/4									
TIME						1200					1130									
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	17				111	41		00	0					
1000 mb.						123	16		280	13										
950 mb																				
900 mb.																				
850 mb.						1470	5		270	14	1551	21		70	4					
800 mb.																				
700 mb.											3172	3		20	4					
600 mb.																				
500 mb											5814	-12		290	17					
400 mb.											7484	-24		280	39					
300 mb.											9513	-40		290	48					
200 mb.											12160	-56		290	61					

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *TUESDAY 16th APRIL*, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous " land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon today to noon tomorrow:*

Hot weather all over the Republic comes to an end with a remarkable fall in temperature. Fresh NW'ly winds. Some low clouds over Lower Egypt, Cairo and N. coast.

In Upper Egypt: Winds veering to moderate NW'ly. Mainly clear.

LIBRARY
NOV 15 1957
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 27 U.T. / " " Sunset 16 22 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 15th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
310	26	8	07	2	7	CS		1.2	41	20	30
180	36	0.8	33	3	8	CS		0.6	40	7	19
160	35	16	03	2	8	AC		3.5	39	-11	4
130	12	20	02	0	0	—		6.7	38	0	9
180	26	12	02	0	0	—		6.2	41	1	7
140	2	20	02	0	0	—		9.4	36	12	27
50	11	20	02	0	0	—		8.9	37	17	31
160	9	20	02	0	0	—		8.6	40	6	12
180	8		02	0	0	—		8.0	40	4	11
180	8	20	02	0	0	—		8.6	39	-1	8
160	5	20	00	0	0	—		8.0	38	5	13
220	1	20	02	0	0	—		7.9	40	23	38
230	17	20	02	0	0	—		7.0	40	10	16
210	14	18	02	0	0	—		7.3	41	-1	7
210	16	10	02	1	0	—		7.3	39	4	12
140	8	4	02	0	0	—		6.8	39	-8	5
180	6	10	07	0	0	—		7.2	41	4	16
200	12	8	01	0	0	—		7.1	40	-2	7
150	14	4	02	0	0	—		7.4	40	-12	3
00	0	10	00	0	2	Ac		8.3	40	0	12
320	1		00	0	0	—		8.8	39	8	14
180	10	22	02	0	0	—		6.6	40	5	10
180	12	15	01	0	0	—		5.9	41	19	28
200	35	5	07	1	3	Ci		2.8	41	-18	8
150	7	10	03	3	0	—		5.9	40	12	19
00	0	12	06	0	1	Ci		5.4	40	5	12
140	11	20	02	0	0	—		7.0	40	5	12
100	12	15	01	0	2	Ci		5.6	41	1	8
160	2	50	02	0	0	—		9.6	32	11	28
320	10	20	02	0	1	Ci		10.8	29	18	52
60	10	20	02	0	1	Ac		8.8	31	26	74
180	8	20	03	0	2	Ci		3.8	41	7	15
180	2	24	03	0	0	—		3.1	40	11	17
270	2	21	02	0	0	—		2.5	41	5	11
230	7	20	02	0	0	—		2.0	41	-1	7
250	6	20	02	0	0	—		2.0	44	7	13
010	2	20	03	0	2	Cu		1.6	41	3	10
310	9	20	03	0	1	Ac, Ci		1.9	41	1	8
230	9	20	02	0	6	Cu		3.7	40	16	24
310	5	20	02	1	4	Cu		1.2	39	14	32
050	4	20	03	0	2	Ci		2.6	38	-1	9
150	10	30	01	0	1	Ac		2.8	37	-1	9
230	3	50	02	0	2	Cu		3.5	37	4	13
250	6	20	17	1	5	Ci, Ac		3.2	39	14	23
180	14	20	01	2	3	Cu		3.5	37	17	31
090	3	24	01	2	6	Cu, Ci		5.2	34	11	25

At 1800 on 15th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
340	28	10	13	2	7	Ac		4.5	20	20	42	+17	97	0
310	22	10	02	3	5	Cu		2.6	18	15	40		83	0
170	20	10	02	2	8	Ac		1.8	34	-8	40		7	0
160	6	10	00	0	3	Ci		2.5	29	3	40		19	0
180	10	20	02	0	0	—		5.8	33	0	40	+16	12	0
180	9	10	02	0	2	Cs		5.4	27	12	41	+18	40	0
160	2	4	02	0	0	—		8.0	27	16	36	+13	52	0
110	8	18	02	0	0	—		7.4	27	14	37	+15	45	0
100	1	1	02	0	0	—		5.8	31	10	41	+14	28	0
00	0	1	02	0	0	—		7.2	31	8	41	+13	24	0
00	0	10	02	0	0	—		7.4	28	11	39	+11	35	0
140	5	20	00	0	0	—		8.7	30	13	39		35	0
00	0	10	02	0	0	—			30	17	41	+13	46	0
200	13	12	02	0	0	—		7.0	36	9	41		18	0
100	16	12	02	0	0	—		7.1	33	1	41	+18	18	0
											41	+12		
00	0	10	02	0	0	—		7.6	28	0	40	+12	25	0
00	0	4	02	0	0	—		7.0	33	-5	40	+11	8	0
180	4	20	01	0	0	—		6.3	29	9	41	+11	29	0
170	7	7	01	0	2	Ci		7.0	27	9	40	+10	33	0
140	8	12	02	0	0	—		7.3	34	-10	41	+11	5	0
00	0	4	01	0	1	Ac		8.7	33	4	40	+8	16	0
000	0	3	00	0	0	—		7.5	31	3	41	+6	17	0
100	4	12	02	0	0	—		7.2	33	2	42		14	0
100	7	7	03	0	2	Ci		5.4	28	8	41	+15	17	0
110	12	16	02	1	3	Ac		2.0	32	9	42	+12	24	0
100	02	7	02	3	0	—		5.1	32	11	41	+10	28	0
240	2	12	03	0	3	Ci		5.3	31	2	41		16	0
100	4	8	02	0	0	—		7.2	33	4	41	+7	16	0
100	0	7	03	0	2	Ci		5.4	28	8	41	+8	29	0
100	2	10	02	0	0	—		8.7	28	15	37	+9	45	0
100	2	12	02	0	0	—		9.4	25	14	34	+9	51	0
00	0	20	01	0	0	—		11.5	25	20	30	+2	74	0
00	0	20	02	0	0	—		4.5	28	24	31		79	0
220	8	20	01	0	0	—		6.8	36	9	42		19	0
00	0	24	01	0	1	Ac		4.6	35	11	41		23	0
00	0	20	02	0	0	—		4.2	32	7	42		21	0
240	7	20	02	0	0	—		3.7	33	0	41		12	0
240	1	20	02	0	0	—		4.3	33	11	42		26	0
		20	01	0	0	—		4.2	30	6	41		22	0
220	8	20	01	0	2	Ac		3.0	32	0	39		13	0
080	5	30	02	0	0	—		3.8	31	-3	39		11	0
00	0	50	01	1	2	Ac, Cs		3.5	33	9	38		23	0
270	4	20	01	2	5	Ac, Cs		4.9	31	17	40		43	0
00	0	20	02	9	7			4.0	31	20	39		53	dr.
00	0	24	02	0	2	Ac, Ci		5.3	29	22	35		66	0

At 0600 on TUESDAY 16th APRIL, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
310	24	18	02	0	0	—		11.4	-2.7	18	13	16	+3	73	dr	257	
300	24	16	00	0	4	Cu		11.4		17	10	16		64	0	252	
270	24	16	02	2	7	Ns, AC		10.8	-3.9	17	12	16		72	0	261	
340	22	10	00	0	7	AC, AS		10.2		18	15	14		83	0	303	
300	18	20	02	0	0	—		9.0	-5.4	19	16	18	+3	83	0	279	182
310	15	12	01	2	3	Sc		7.5	-8.3	21	17	18	+5	78	0	247	138
180	2		03	0	1	AC		7.0	-7.3	26	13	20	+6	45	0	233	162
170	24	0.3	32	—	0	—		6.4	-9.1	28	8	20	+4	29	0		
310	12	4	06	0	0	—		5.9	-8.4	24	14	19	+7	54	0	139	96
90	3		00	0	0	—		7.0	-7.6	25	6	20	+8	30	0	68	50
270	10	20	03	2	5	AC		8.3	-6.3	28	5	22	+11	23	0	79	37
250	5	10	01	1	1	Ci		7.8	-6.8	29	3	22		19	0	58	
40	1	10	02	0	0	—		5.6	-9.0	26	14	22	+10	48	0	53	26
180	21	6	07	0	3	Ci		5.1		35	-6	28		7	0	48	
140	22	15	03	0	6	Ci		5.8	-9.9	35	5	28	+14	15	0	53	
										30	6	24	+10	22	0	43	24
200	5	10	03	—	5	Ns, Ci		6.8	-7.8	29	5	19	+8	22	0	53	23
00	0	3	05	1	3	Ci		6.6	-7.5	31	3	28	+14	17	0	36	26
220	4	20	02	1	4	Cs		8.0	-6.5	27		22	+9		0	16	8
160	7	7	01	0	2	Ci		6.5	-9.3	28	7	19	+8	27	0	2	
140	11	14	01	2	4	Ci		7.4	-6.3	33	-8	26	+12	7	0	dr	
00	0		00	0	0	—		9.8	-3.2	26	12	20	+7	42	0	1	
00	0	10	03	1	6	Ci		10.2	2.4	30	8	20	+4	25	0	dr	
00	0	22	02	2	4	Cs		9.4	-3.3	29	11	20		33	0	0	
00	0	13	02	0	2	Ci		9.0	-3.3	30	12	26	+7	33	0	8	
340	20	12	02	2	1	AC		13.6	1.8	17	10	16	+4	64	0	23	8
20	6	3	06	0	0	—		10.7	-4.3	22	14	20	+7	61	0	2	7
360	14	7	07	0	0	—		11.3		23	9	21		41	0	dr	
270	14	5	03	0	2	Ci		10.3	3.5	26	5	19	+4	27	0	1	
00	0	15	03	0	4	Ci		6.9	-6.5	30	11	19	+3	31	0	3	
340	2	20	00	0	0	—		8.7	-5.4	27	17	21	+6	55	0	36	15
																	13
80	1	20	02	1	6	Cs		10.9	-1.3	29	18	21	+1	52	0	dr	4
90	4	20	01	1	0	—		11.3		29	24	23		74	0	dr	
110	5	20	02	0	0	—		8.0		31	12	23		31	0		
90	5	24	02	0	0	—		7.9		31	14	25		36	0		
120	2	21	02	0	0	—		7.0		29	5	21		22	0		
100	11	20	02	0	0	—		6.6		31	11	24		29	0		
10	6	20	02	0	0	—		5.9		31	7	24		22	0		
00	0	20	02	0	0	—		7.0		30	9	20		27	0		
180	5	20	02	0	2	AC		8.7		33	18	27		41	0		
00	0	20	02	0	2	AC		6.2		33	-1	21		11	0		
290	7	20	02	0	2	AC, CS		8.9		31	12	25		46	0		
220	6	20	01	2	3	AC		7.4		29	20	26		59	dr		
180	7	24	02	2	6	AC		9.1		27	21	25		70	0		

Area	Index Number	Station
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MERSA MATRUH (A)
	309	EL DABAA
	319	ALEXANDRIA
	316	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAÏD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	340	MANSÛRA
	348	TANTA
	350	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG' HAMÂDI
	408	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	422	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDAN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Aswan		Luxor		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya	
DATE	16-4		16-4		16-4		16-4		16-4		16-4		16-4		16-4		16-4		16-4		16-4	
TIME	1700		1700		1700		1715		1700		1700		1700		1700		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	330	16	340	11	290	5	50	6	300	35	300	40	340	47	310	18	330	13	310	22	360	23
600 m	320	12	350	12	300	4	80	4	310	25	310	17	340	54	310	17	330	15	310	24	360	29
1000 m	280	12	360	13	310	6	60	4	300	21	270	8	340	59	300	18	310	20	300	24	330	17
1500 m	250	19			320	5	180	2			280	44	340	30	290	21	270	28	300	31	300	33
2100 m	250	23			320	3	80	5							280	21	260	23	300	24	260	22
2400 m	260	22			30	3	70	8									260	29				
3000 m																	240	47				
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Matruh		Aswan		Luxor		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya	
DATE	16-4		16-4		16-4		16-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4	
TIME	2300		2300		2300		2300		0500		0500		0500		0500		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	30	9	260	15	330	9	320	9	270	13	320	6	340	24	310	10	290	10	260	6	300	7
600 m	360	16	260	18	330	10	340	11	280	19	320	12	360	24	310	17	280	12	260	7	320	10
1000 m	340	23	260	18	330	10	350	10	280	16	320	10	330	23	310	18			250	14	310	17
1500 m	280	19			320	14	130	6	290	16	290	24	320	27	270	15			250	26	270	16
2100 m	230	22					60	2							280	30			240	24	250	24
2400 m	190	23													290	30			240	23	220	14
3000 m	210	43													280	30			230	41		
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Salloum		Aswan		Luxor		Asyout		Asyout		Luxor		Siwa		J. Barrani		Dakhla		Matruh	
DATE	17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1200	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	330	3	270	28	340	30	340	21	330	17	320	16	350	20	290	29	310	19	340	15	290	21
600 m	20	7	280	27	350	29	330	11	340	27	330	18	320	22	290	24	300	17	350	26	280	20
1000 m	350	12	280	25	340	15	320	12	330	31	330	22	330	23	290	19	300	27	340	32	270	19
1500 m	300	16	280	27	360	17	320	11	320	33			170	5	290	16	300	35			250	21
2100 m	190	13			10	9	310	9					320	20	290	20					260	21
2400 m							350	10							290	24					260	24
3000 m																					270	31
4000 m																					280	35
5000 m																					280	50
6000 m																					280	50

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh																					
DATE	17-4																					
TIME	1200																					
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface						25	18													
1000 mb						140	17		290	21										
950 mb																				
900 mb																				
850 mb						1492	5		250	21										
800 mb																				
700 mb						3038	-6		270	31										
600 mb																				
500 mb						5587	-22		280	50										
400 mb						7308	-28													
300 mb						9298	-42													
200 mb						11980	-48													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT — CAIRO

DATE WEDNESDAY 17th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls within sight during past hour	
19	Funnel cloud (s) within sight during past hour	
20	Drizzle (not freezing) not falling as shower (s)	during preceding hour not at time of observation
21	Rain (" ") not falling as shower (s)	during preceding hour not at time of observation
22	Snow not falling as shower (s)	during preceding hour not at time of observation
23	Rain and snow not falling as shower (s)	during preceding hour not at time of observation
24	Freezing drizzle or rain not falling as shower (s)	during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	with or without fog
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0	Cloud covering ½ sky or less
1	Cloud covering more than ½ sky during part of the period
2	Cloud covering more than ½ sky throughout the period
3	Sandstorm or duststorm
4	Fog or thick haze
5	Drizzle
6	Rain
7	Snow or rain and snow
8	Shower (s)
9	Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues to fall gradually all over the Republic. Generally mild weather. Low clouds over Lower Egypt, Cairo and N. coast; increasing sometimes on N. coast with light rain. Winds chiefly moderate W/NWly. In Upper Egypt: Moderate NWly winds. Some low clouds in the north part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 26 U.T. / " " Sunset 16 23 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 16th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
180	9	18	03	2	7	Sc	13.3	23	10	44
320	21	16	02	0	2	Cu	13.8	19	11	60
240	27	18	02	0	3	Cu	13.1	19	10	56
320	26	20	00	0	5	Ac	12.6	19	12	64
310	21	10	03	0	4	Sc, Ac	11.6	20	13	64
320	18	10	02	2	7	Sc, Ac	11.6	20	14	69
290	13	10	02	0	0	—	10.0	21	16	74
320	36	5	07	3	1	Ac	9.0	22	17	74
310	9	18	03	3	6	As	11.1	22	15	65
340	12		03	1	5	Ci	9.8	26	14	48
310	15	20	03	2	8	Ci	10.8	25	15	54
350	9	20	01	1	1	Ci	10.4	25	8	34
320	1	20	01	1	2	Ci	8.3	28	19	58
320	17	10	02	1	3	Ci	9.3	28	13	40
300	16	10	03	2	6	Ci	9.3	30	16	43
330	15	10	03	0	4	Ci	9.9	29	16	46
320	23	4	02	2	6	Ci	9.0	28	10	33
330	6	20	01	1	2	Cs	9.6	31	12	31
320	16	7	02	0	1	Ci	8.3	37	6	14
70	18	4	02	0	0		7.7	37	4	13
130	3	20	02	1	4	Ci	7.8	40	12	19
140	8	22	02	0	2	As	6.5	40	13	20
290	4	16	01	2	3	Ci	5.1	41	6	12
320	23	16	02	0	0	—	15.0	23	6	22
320	18	1	07	3	—	—	11.8	28	4	22
360	15	4	07	0	0	—	13.0	29	4	20
290	24	2	07	0	0	—	11.1	31	9	26
290	7	15	03	1	5	Cu, Ci	4.8	42	5	11
240	2	50	03	0	3	Cu	7.2	30	17	46
120	12	20	02	0	1	Ci	9.7	30	17	46
70	7	20	02	1	3	Cs	9.6	29	22	66
70	8	20	03	0	1	Cu	8.9	31	22	59
00	0	24	02	0	0	—	2.8	40	8	14
280	6	20	03	0	1	Cu	3.2	41	2	9
320	4	20	02	0	0	—	1.9	42	9	14
70	2	20	02	0	1	Cu	1.5	40	-2	7
270	12	20	02	0	1	Ac	1.8	42	-2	6
00	0	20	02	1	3	Cu	0.4	41	12	18
130	1	20	02	0	1	Cu	1.9	40	0	8
130	6	15	06	0	0	—	1.2	39	5	12
270	1	30	02	1	1	Ac	3.5	39	-12	4

At 1800 on 16th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Maximum Today	Temperatures °C Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
180	12	12	02	2	2	Sc	14.7	18	12	24	-1	68	0
350	13	12	01	0	3	Cu	14.4	16	9	20		64	0
330	10	12	02	0	0	—	14.4	15	9	20		68	0
270	14	20	00	0	0	—	13.7	16	10	25		68	0
310	18	20	01	0	1	Cu	14.7	17	11	21	-3	68	0
320	20	12	01	2	3	Sc	14.1	17	12	25	+2	72	0
290	9		01	0	0	—	13.0	19	14	22	-1	73	0
320	15	12	01	0	0	—	13.0	19	15	32	+10	78	0
330	9	10	01	1	2	As, As	14.3	18	13	24	-3	73	0
360	8		00	0	0	—	13.1	19	12	31	+3	64	0
310	7	10	01	1	4	Ci	14.4	17	12	29	+1	72	0
250	5	10	01	1	1	Ci	13.4	18	13	30		73	0
00	0	10	02	0	0	—	12.3	20	15	34	+5	73	0
360	8	12	01	0	0	—	14.2	20	13	38		64	0
340	11	10	03	0	4	Sc, Ci	13.7	20	14	36	+8	69	0
										36	+7		
30	9	10	03	1	5	Ac	13.1	19	13	35	+7	68	0
340	9	4	02	1	3	Ci	13.5	20	13	35	+6	64	0
330	6	20	03	1	4	Cs	12.3	21	12	37	+7	57	0
360	7	6	02	0	0	—	11.4	22	8	38	+8	41	0
330	12	6	02	0	0	—	10.9	28	5	41	+10	23	0
00	0		01	0	1	Ac	7.5	29	12	40	+8	35	0
250	5	12	01	0	1	Ci	5.8	32	11	42		28	0
00	0	12	01	0	0	—	5.2	35	8	43	+7	19	0
320	12	14	01	0	0	—	15.3	20	0	24	-6	26	0
290	6	4	02	3	0	—	13.7	23	1	28	-3	24	0
320	10	9	06	0	6		15.1	23	0	29		12	0
340	20	2	07	0	0	—	12.3	26	-3	32	-2	15	0
360	18	3	07	0	0	—	8.2	30	5	42	+8	21	0
360	3	10	01	0	0	—	11.9	23	16	37	+9	65	0
130	13	12	01	0	0	—	7.8	26	21	31	+6	74	0
170	8	20	01	0	0	—	8.8	26	23	30	+2	84	0
140	4	20	03	1	4	Ci	9.4	29	23	32		70	0
50	5	20	01	0	1	Ac	4.1	36	7	43		17	0
00	0	24	01	0	0	—	5.2	35	5	42		15	0
70	3	21	02	0	0	—	2.7	37	1	43		11	0
00	0	20	02	0	0	—	2.9	35	8	42		19	0
250	3	20	02	0	0	—	2.5	35	10	43		22	0
90	2	20	02	0	0	—	3.4	30	6	42		22	0
80	1	10	03	1	1	Ci	2.3	32	2	41		15	0
										40			0
270	5	50	02	0	0	—	3.3	34	-5	40		8	0
280	9	20	13	9	7	Cu, Ac, Cs		28	20	41		62	dr
160	2	20	13	9	8	Cu, Ac, Cs	5.3	29	21	39		62	5
270	1	24	23	1	7	Sc, Cu, Ac	4.1	32	21	37		52	0

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÎA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	ḤELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SUDÂN
North Sudan	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA

Retards — Date

At 0600 on WEDNESDAY 17th APRIL, 1957

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Temperatures °C Minimum Today	Temperatures °C Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
270	15	12	02	1	0	—	15.6	+1.6	14	8	12	-1	67	dr	257	
290	25	16	00	0	3	Cb	14.7		14	6	10		59	0.3	252	
240	19	16	01	1	2	Sc	15.1	+0.4	14	8	14		67	2	263	
220	10	20	00	0	0	—	14.1		17	7	11		52	0	203	
270	10	20	03	0	6	Cu, Sc	15.7	+1.3	17	3	15	0	39	0	279	182
260	12	16	03	0	7	Cu	15.4	-0.4	19	10	13	0	56	0	247	138
220	2	10	00	0	0	—	15.2	+0.9	18	12	12	-2	68	0	233	102
310	2	12	01	1	1	Sc	15.4	-0.1	20	11	16	0	56	0		
230	9	4	03	0	3	Cu	15.5	+1.3	20	11	11	-1	56	0	139	96
40	3		00	0	0	—	16.3	+1.7	18	12	13	+1	73	0	68	50
90	5	20	01	1	1	Cu	16.7	+2.1	19	12	11	-1	64	0	79	37
340	2	10	00	0	0	—	16.0	+1.4	18	10	13		60	0	58	
220	1	10	02	0	0	—	15.6	+1.1	16	14	14	+2	88	0	53	26
310	4	16	02	0	0	—	16.0		17	12	14		72	0	48	
290	4	15	02	0	2	Cu	15.6	-0.1	17	13	15	+1	77	0	53	
									20	12	16	+2	60	0	48	24
360	5	10	02	—	2	Cu	15.5	+0.9	18	13	14	+3	73	0	53	23
00	0	4	02	0	0	—	16.2	+2.1	17	11	14	0	68	0	36	26
360	6	20	02	0	0	—	16.7	+2.3	19	10	14	+1	56	0	16	8
360	7	8	02	0	0	—	15.4	-0.3	18	10	12	0	60	0	2	
290	10	8	03	0	0	—	15.5	+1.9	20	5	16	+2	38	0	dr	
290	1	4	01	0	2	As	13.4	+0.5	22	15	19	+6	65	0	1	
290			00	0	0	—	11.5	-1.0	27	6	22	+6	27	0	dr	
330	11	22	02	0	0	—	11.2	-1.4	26	12	22		42	0	0	
350	12	10	01	0	1	Ci	10.2	-2.1	27	10	25	+6	35	0	8	
230	6	10	01	0	1	Ci	17.5	+2.1	14	4	10	-2	52	0	23	8
320	5	10	02	0	0	—	17.4	+2.5	18	2	10	-3	34	0	2	7
360	11	15	02	0	0	—	19.1		18	-13	14		11	0	dr	
330	19	9	02	0	0	—	16.8	+3.1	19	-6	16	+1	18	0	1	
350	12	2	07	0	0	—	13.0	-0.2	21	9	19	+3	47	0	3	
330	2	20	00	0	6	Cu	15.1	+1.0	19	14	14	-1	73	dr	36	15
																13
320	25	20	00	0	2	Sc	9.8	-3.6	23	14	20	+4	57	0	dr	
30	18	20	02	0	0	—	11.3	-0.8	25	17	22	+2	61	0	dr	4
70	4	20					10.9		30	25	22		74	0		
10	1	3	07	3	6	Ci	11.1		26	7						
00	0	20	02	0	0	—	6.1		—	—	21					
110	2	21	02	0	0	—	7.0		31	8	26		24	0		
110	7	20	02	0	0	—	5.3		31	9	26		26	0		
20	4	16	02	1	0	—	6.1		32	11	23		28	0		
00	0	20	02	0	0	—	5.7		31	13	21		33	0		
50	1	18	05	0	0	—	5.6		31	7	21		22	0		
00	0	40	02	0	0	—	8.5		25	1	19		21	0		
50	5		05	0	0	—	5.6		31	-7	21		8	0		
200	11	20	02	2	7	Ac, Cs	8.7		30	19				dr		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matrah		Cairo(A)		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4		17-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
800 m	300	18	340	26	330	24	310	23	330	14	300	27	290	16	290	16	300	10	300	11	300	11
800 m	300	16	320	16	330	35	310	16	320	16	320	25	300	14	290	21	310	10	300	26	290	13
1000 m	290	17	340	18	330	27	290	28	290	16	310	23	290	17	290	31	290	23	300	23	290	15
1800 m			290	7	320	21	270	30	240	21	330	15	290	23	280	12	310	31	320	17	280	11
2100 m					340	21	270	26	220	27	350	15					310	30			280	12
2400 m			230	10			260	22			350	11					300	31			280	11
3000 m							260	27			270	43					260	25				
4000 m																						
5000 m																						
6000 m																						

STATION	Matrah		Cairo(A)		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	17-4		17-4		17-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
800 m	290	15	60	4	340	21	310	9	270	13	10	12	330	7	310	9	320	10	310	10	280	17
800 m	310	17	330	10	350	26	300	11	290	10	30	14	330	7	320	16	310	10	330	10	310	16
1000 m	290	15	310	15	10	16	330	10	310	8	40	15	330	7			290	10	350	9	300	21
1800 m	330	21	280	17	260	10	210	16	310	10	60	17	290	12			300	9			310	24
2100 m			270	14	230	12			290	9	60	17	260	12			270	14			330	8
2400 m			260	12	210	16			280	17			280	21			280	12			320	9
3000 m									260	18			260	28			240	11				
4000 m									280	25							220	12				
5000 m																						
6000 m																						

STATION	Salloum		Cairo(A)		Aswan		Asyout		Luxor		S.Bazzam		Asyout		Luxor		Aswan					
DATE	18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4					
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1130					
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
800 m	300	17	320	4	340	27	10	12	340	17	310	15	330	5	310	16	340	17				
800 m	300	13	320	7	350	24	360	16	340	30	290	17	320	3	320	10	320	15				
1000 m	310	11	340	10	360	24	340	18	340	27	290	21	330	9	320	10	320	10				
1800 m	290	16			10	31	320	18	320	9	280	35	300	13	330	11	310	16				
2100 m	260	23							250	3	280	30	270	19	240	20	260	22				
2400 m									310	9					220	22	240	26				
3000 m																	230	30				
4000 m																	260	27				
5000 m																	240	37				
6000 m																	210	41				

UPPER AIR OBSERVATIONS

BY RADIOSONDE - RADIOWIND

STATION											Aswan							
DATE											18-4							
TIME											1130							
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface											111	28		360	12					
1000 mb											135	28		360	12					
950 mb																				
900 mb																				
850 mb											1533	13		310	16					
800 mb																				
700 mb											3163	10		230	30					
600 mb																				
500 mb											5837	0		240	38					
400 mb											7570	-23		250	54					
300 mb											9549	-38		250	57					
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 18th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No [illegible] development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 [illegible] reduced by smoke
05 Haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m
12 Continuous [illegible] land or 10 m or less
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 reaching ground but distant 5 kms.
16 " " near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) — not falling as shower (s) — during preceding hour not at time of observation
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 of snow, or of rain and snow
27 hail, " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm — decreased
31 no change
32 increased
33 decreased
34 Severe duststorm or sandstorm — no change — during preceding hour
35 increased
36 Slight or moderate drifting snow — low
37 Heavy " "
38 Slight or moderate " " — high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " sky discernible — has become thinner during
43 " " not " — preceding hour
44 " " discernible — no change during preceding hour
45 " " not "
46 " " discernible — has begun or become thicker
47 " " not " — during last hour
48 " depositing rime, sky discernible
49 " " " " not "

50 Drizzle not freezing intermittent — slight
51 " " continuous
52 " intermittent — moderate
53 " continuous
54 intermittent — thick
55 " continuous
56 " freezing slight
57 moderate or thick
58 and rain slight
59 moderate or heavy
60 Rain not freezing intermittent — slight
61 continuous
62 intermittent — moderate
63 continuous
64 intermittent — heavy
65 continuous
66 Rain freezing slight
67 moderate or heavy
68 " or drizzle and snow slight
69 " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " "
72 Intermittent " " — moderate
73 Continuous
74 Intermittent " " — heavy
75 Continuous " "
76 Ice needles
77 Granular snow — with or without fog
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s) slight
81 moderate or heavy
82 " violent
83 Shower (s) of rain and snow slight
84 moderate or heavy
85 Snow shower (s) slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain — slight
88 or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or — slight
90 rain and snow mixed, not with thunder — moderate
91 Slight rain — Thunderstorm
92 Moderate or heavy rain — during preceding hour
93 Slight snow * — but not at time of
94 Moderate or heavy snow * — observation
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 " with
97 heavy without hail
98 with duststorm or sandstorm
99 heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto cumulus
Fs	Fracto stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ; sky or less
1 Cloud covering more than ; sky during part of the period
2 Cloud covering more than ; sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow ;

Temperature continues to fall gradually all over the Republic, becoming below normal, especially during night. Low clouds increasing over Lower Egypt and Cairo, with light scattered showers near the N. coast. Moderate W/NW'ly winds, fresh at times. In Upper Egypt : Moderate NW'ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time ... 02 ... / ... 16 ... }

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Salloûm	280	10	18	50	1	[illegible]	Sc	15.2	21	9	47
Sîdi Barrâni	330	20	18	02	[illegible]	[illegible]	[illegible]	15.5	18	7	49
Matrûh (A)	310	26	16	02	1	3	Sc, Cu	15.[illegible]	18	4	40
El Dab'aa	320	20	20	00	0	[illegible]	—	14.1	19	4	37
Alexandria	310	18	20	01	1	1	Cu		18	6	46
Alexandria (A)	310	18	12	02	0	3	Cu	15.2	21	9	47
Damietta	340	5	10	03	2	1	Sc	14.8	20	10	53
Port Sa'îd (A)	340	14	18	03	2	7	[illegible]	14.1	19	13	68
El 'Arish											
Damanhûr	230	9	10	01	[illegible]	[illegible]	[illegible]	14.8	24	3	29
Manşûra	270	3		13	[illegible]	[illegible]	[illegible]	14.4	24	[illegible]	28
Ţanţa	220	8	20	03	2	3	Cu	15.2	24	4	28
Shebîn el Kôm											
Zagazig											
Isma'ilîa											
Cairo (A)	300	14	20	01	2	[illegible]	[illegible]	14.2	26	0	21
Cairo Almâza (A)	250	14	25	01	[illegible]	3	[illegible]	14.2	25	4	26
Cairo Ezbekîya											
Giza	320	7	10	01	0	1	Cu	15.[illegible]	24	-1	19
Helwân	270	5	20	02	1	3	Cu	14.3	[illegible]	-3	18
Faycûm	320	6	20	02	[illegible]	[illegible]	Sc, Cu	14.8	25	3	24
Minya (A)	330	10	20	02	0	0	—	14.2	26	-3	15
Asyoût (A)	340	14	10	02	0	0	—	14.1	25	-5	14
Nag' Hamâdi											
Qena											
Luxor (A)	310	13	22	02	0	0	—	10.5	30	14	38
Aswân	350	18	8	02	0	0	—	6.9	33	1	13
Sîwa	320	14	16	02	1	0	Cu	11.4	21	-2	21
Bahariya											
Farafra											
Dakhla	340	25	5	02	0	0	—	15.8	25	-3	16
Kharga	340	12	5	02	4	0	—	12.3	27	-2	15
Suez	320	2	50	01	[illegible]	2	Cu	13.3	25	5	28
Tôr											
Hurghâda											
Quseir	350	15	20	02	0	0	—	11.3	27	16	52
Port Sûdân	80	13	20	02	0	[illegible]	[illegible]	8.1	30	27	84
Wâdi Halfa	20	25	2.4	[illegible]	[illegible]	1	Cu	1.9	33	7	20
Abu Hamad	200	2	24	02	[illegible]	[illegible]	Cu	3.3	41	9	15
Kareima	130	1	21	02	0	1	Ac, Cu	3.5	41	6	12
'Atbara	10	4	20	02	0	0	—	1.4	42	5	11
Khartoûm	80	2	20	02	0	[illegible]	—	1.4	43	9	13
Kassala	360	4	20	02	[illegible]	0	—	0.6	41	5	11
Wâd Medani	310	9	20	02	0	[illegible]	—	3.7	42	-1	7
Renk	180	5	20	02	[illegible]	4	—	3.6	41	10	16
Roseires											
El Obeid	50	2	20	02	[illegible]	1	Cu	1.4	41	-1	5
El Fasher	300	7	40	02	[illegible]	1	Cu	3.1	29	-5	6
Geneina	90	9	30	08	[illegible]	[illegible]	—	3.7	38	-8	5
Malakâl	210	8	20	02	1	7	Ac, Cs	4.5	38	17	29
Wâu											
Juba	100	6	24	02	[illegible]	7	Ac, Cs	4.1	35	21	44

At 1800 on 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Salloûm	300	8	12	01	1	0	—	15.9	17	10	22	-3	64	0
Sîdi Barrâni	350	16	15	02	0	2	Cu	15.5	15	7	18		59	0
Matrûh (A)	290	16	12	01	0	0	—	16.2	15	8	19		63	0
El Dab'aa	270	10	20	00	0	0	—	15.9	15	7	21		59	0
Alexandria	310	10	20	01	0	0	—	16.6	16	8	20	-4	59	0
Alexandria (A)	320	10	12	02	0	0	—	15.9	16	9	23	0	64	0
Damietta	320	2		01	2	0		16.0	17	8	20	-3	56	0
Port Sa'îd (A)	320	14	18	01	1	1	Sc	15.4	18	8	24	+2	52	0
El 'Arish														
Damanhûr	230	2	10	02	0	1	Cu	15.9	15	7	24	-3	59	0
Manşûra	270	3		00	0	0	—	15.1	17	5	24	-4	46	0
Ţanţa	00	0	10	02	0	0	—	16.6	14	8	25	-4	67	0
Shebîn el Kôm	250	2	10	00	0	0	—	16.3	16	5	24		49	0
Zagazig	220	1	10	02	0	0	—	15.9	17	9	25	-4	60	0
Isma'ilîa														
Cairo (A)	340	10	12	02	2	6	Ac	15.3	18	4	24		40	0
Cairo Almâza (A)	320	13	15	01	1	3	Ci	15.3	18	8	25	-3	52	0
Cairo Ezbekîya											26	-3		
Giza	20	8	8	03	0	4		15.4	17	7	25	-4	52	0
Helwân	320	13	10	02	1	4	Ac	15.1	18	3	24	-5	37	0
Faycûm	330	6	20	01	0	0	—	14.8	19	4	26	+4	37	0
Minya (A)	320	7	8	02	0	0	—	15.1	19	-2	27	-3	24	0
Asyoût (A)	320	7	10	02	0	0	—	14.6	20	-1	27	-4	24	0
Nag' Hamâdi	00	0		01	0	1	Ac	12.8	22	3	29	-3	29	0
Qena	290	6		00	0	0	—	12.2	24	1	31	-5	22	0
Luxor (A)	340	8	12	02	0	0	—	11.7	24	10	31		41	0
Aswân	350	14	10	02	0	0	—	10.4	27	-1	34	-2	16	0
Sîwa	300	9	14	01	1	2	Sc, Cu	12.6	19	1	23	-7	30	0
Bahariya	320	4	10	02	0	0	—	16.6	18	0	24	-7	30	0
Farafra	320	4	12	02	0	0	—	17.8	18	-6	25		19	0
Dakhla	340	14	8	01	0	0	—	16.2	21	-14	25	-9	9	6
Kharga	360	6	6	01	0	0	—	13.1	20	-11	27	-7	13	0
Suez	40	3	10	01	0	0	—	14.2	20	13	27	-2	64	0
Tôr														
Hurghâda	320	25	12	02	0	4		10.8	24	5	27	+2	30	0
Quseir	320	12	20	02	0	0	—	10.8	24	16	27	-1	61	0
Port Sûdân	350	1	20	01	2	3	Ci	9.5	28	25	31		84	0
Wâdi Halfa	360	19		07	2	6	Cs	10.8	27	5	34		25	0
Abu Hamad	340	13	22	03	0	6	Cs	3.5	35	7	42		18	0
Kareima	50	18	5	07	0	0	—	5.0	34	1	42		12	0
'Atbara	10	7	20	02	0	0	—	2.4	35	6	43		16	0
Khartoûm	330	4	20	02	0	0	—	1.0	36	11	43		22	0
Kassala	30	2	20	02	0	0	—	2.6	31	7	42		22	0
Wâd Medani														
Renk											42			
Roseires														
El Obeid	360	1	20	02	0	1	Ci	2.6	31	3	41		17	0
El Fasher	50	1	30	02	0	0	—	2.3	32	4	40		17	0
Geneina	20	8	20	06	0	0	—	3.1	33	-3	40		10	0
Malakâl	240	5	20	13	2	7	Cb, Ac, Cs	2.6	32	18	39		43	0
Wâu	270	4	20	13	9	8	Cb	6.0	24	19	38		74	15
Juba	180	7	24	13	2	7	Cb, Ac, Cs	4.2	31	21	36		55	0

At 0600 on THURSDAY 18th APRIL, 1957

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	90	7	18	01	1	[illegible]	Sc	16.6	+2.7	15	9	12	-1	68	0	257	
	303	SÎDI BARRÂNI	200	16	15	00	[illegible]	7	Cb, Ac	16.1		14	8	10		67	0	252	
	306	MATRÛH (A)	240	13	18	02	0	[illegible]	Sc, Cu	15.4	+0.7	16	7	14		56	0	263	
	309	EL DAB'AA	220	10	10	00	0	[illegible]	Ac	15.4		16	8	9		59	0	203	
	319	ALEXANDRIA	310	10	20	03	0	[illegible]	Cu	16.4	+2.0	16	8	15	0	59	0	279	182
	318	ALEXANDRIA (A)	330	5	14	02	0	[illegible]	Cu	16.2	+0.4	18	8	15	+2	52	0	247	138
	330	DAMIETTA	220	2		03	0	[illegible]	Cu	15.9	+1.7	16	11	8	-6	72	0	233	102
	333	PORT SA'ÎD (A)	250	11	14	02	[illegible]	1	Cu	15.8	+0.4	17	10	14	-2	64	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	260	2	10	03	0	3	Ac	15.9	+1.7	18	8	9	-4	52	0	139	96
	342	MANŞÛRA	220	3		00	0	0	—	16.3	+1.8	16	9	10	-3	64	0	68	50
	348	ŢANŢA	00	0	20	02	0	0	—	17.1	+2.5	17	10	8	-4	64	0	79	38
	360	SHEBÎN EL KÔM	290	2	10	01	[illegible]	[illegible]	Cu	17.2	+2.7	17	9	12		60	0	58	
	354	ZAGAZIG	00	0	10	02	0	6	—	16.3	+1.8	16	10	10	-2	68	0	53	26
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	[illegible]	3	12	02	[illegible]	[illegible]	—	16.7		15	8	12		63	0	48	
	372	CAIRO ALMÂZA (A)	300	5	15	02	0	0	—	16.4	+0.8	16	9	12	-2	64	0	53	
	374	CAIRO EZBEKÎYA										17	9	13	-1	60	0	43	24
	375	GIZA	320	1	8	03	—	1	Cu	17.4	+2.9	16	8	8	-3	59	0	53	23
	378	HELWÂN	00	0	10	02	0	0	—	16.8	+2.8	15	4	11	-3	48	0	36	26
UPPER EGYPT	381	FAYCÛM	360	4	20	02	[illegible]	0	—	16.8	+2.5	18	8	11	-2	52	0	16	8
	387	MINYA (A)	20	5	8	02	0	0	—	15.8	+0.1	17	5	8	-4	46	0	2	
	393	ASYOÛT (A)	00	0	14	02	0	0	—	16.2	+3.2	17	1	12	-2	34	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	3	Ac	15.1	+2.3	20	7	12	-2	59	0	1	
	402	QENA	340	4	10	00	0	0	—	13.9	+1.5	21	1	14	-2	27	0	dr	
	405	LUXOR (A)	320	7				0	—	14.4	+1.8	20	8	15		46	0	0	
	414	ASWÂN	60	17	12	02	0	0	—	13.6	+1.4	20	-6	17	-3	17	0	8	
OASES	417	SÎWA	00	0	14	02	0	0	—	17.1	+1.8	14	4	8	-4	52	0	22	8
	420	BAHARÎYA	00	0	10	02	0	0	—	16.9	+2.0	17	5	9	-4	46	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	18.5		16	-2	9		30	0	dr	
	432	DAKHLA	340	8	15	02	0	0	—	17.4	+3.7	17	-1	12	-3	30	0	1	
	435	KHARGA	360	1	12	02	0	0	—	14.3	+1.2	19	0	14	-2	28	0	1	
RED SEA	450	SUEZ	330	2	20	00	0	[illegible]	—	16.2	+2.2	18	6	11	-4	46	0	36	15
	459	TÔR																	13
	462	HURGHÂDA	320	27	6	00	0	0	—	12.2	-1.1	21	8	18	+2	44	0	dr	
	465	QUSEIR	340	22	20	02	0	0	—	12.1	0.0	22	9	20	0	44	0	dr	4
	641	PORT SÛDÂN	40	5	20	03	1	5	Sc, Ac	8.5		29	26	23		84	0		
NORTH SUDAN	600	WÂDI HALFA	20	19	8	05	0	1	Ci	13.9		20	2	17		30	0		
	640	ABU HAMAD	360	18	10	07		0	—	8.1		26	2	23		21	0		
	660	KAREIMA	50	10	18	05	0	0	—	9.9		25	7	23		12	0		
	680	'ATBARA	360	10	13	05	0	0	—	6.3		30	4	26		19	0		
	721	KHARTOÛM	350	12		06	2	0	—	6.9		29	0	29		15	0		
	730	KASSALA	90	4	20	02	0	0	—	3.4		36	13	28		25	0		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK	230	9	20	02	1	5	Ac	8.2		32	18	27		43	0		
	802	ROSEIRES	230	9	20	02	2	7	Cs	5.7		33	20	26		47	0		
	771	EL OBEID	320	2	1.5	05	4	0		9.1		25	0	23		19	0		
	780	EL FASHER	120	2		05	0	0	—	10.7		25	3	22		24	0		
	770	GENEINA	50	15	10	06	0	0	—	10.8		25	-4	23		15	0		
S. SÛDÂN	840	MALAKÂL	330	7	20	04	2	7	Cu, Cs	9.1		28	21	25		66	0		
	880	WÂU																	
	941	JUBA	140	9	24	02	2	7	Ac, Cs	8.3		29	21	23		62	0		

RETARDS — DATE

* 9 = Sky obscured by ... etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Aswan		Alex (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4		18-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	350	14	300	15	340	19	310	12	300	10	350	2	320	16	320	11	280	17	10	16	10	17
600 m	340	12	300	21	330	23	310	9	310	9	340	8	310	17	310	10	300	17	10	13	360	14
1000 m	350	16	310	14	330	20	300	10	280	17	300	10	300	23	310	9	310	17	30	22	350	11
1500 m	330	7	320	16	310	19			270	21	300	17	330	17	310	9	290	14	330	20	310	13
2100 m	280	13	310	18	270	23			240	15	290	14	320	19			260	23	350	23	290	15
2400 m	240	30	290	23					240	14	310	16	320	15			260	23	320	38	290	15
3000 m			270	20													250	21				
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	18-4		18-4		18-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m	340	4	360	14	340	21	350	13	310	12	10	10	350	12	320	12	330	10	340	18	310	5
600 m	320	9	10	20	350	29	340	13	320	14	20	10	330	12	340	10	320	8	340	8	310	6
1000 m	310	17	360	22	340	29	320	12	310	17	300	13	330	14	330	10	320	9	350	18	330	7
1500 m	300	25	340	30	350	27			310	12	20	17	310	19	300	9	310	15	300	7		
2100 m	280	24											310	19			290	17				
2400 m	280	26											310	21			280	10				
3000 m													300	20			270	10				
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Asyout		Aswan		S. Barrani		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	290	5	350	7	350	12	310	9	330	11	310	12	340	10	10	4	310	5	360	8	340	23
600 m	310	9	10	4	360	17	310	9	330	13	320	10	310	11	20	4	350	6	360	12	310	16
1000 m	320	10	330	6	360	17	310	9	340	15	330	13	310	5	10	6	360	10	360	9	310	40
1500 m	330	11	40	5	350	18	290	12			310	9	300	10	350	5	350	14	350	24	300	30
2100 m							290	15			340	10	300	11	350	9	340	17	340	17	310	23
2400 m											340	10	300	16	350	8			310	10		
3000 m													280	23					350	17		
4000 m													290	26								
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh						Aswan											
DATE	19-4						19-4											
TIME	1300						1330											
ALTITUDE	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED
0 m						25	17				111	26		360	15					
100 m						140			340	12										
850 m																				
900 m																				
1500 m						1490	3		270	16	1508	12		340	19					
1800 m																				
3000 m						3025			300	19	3100	3		300	17					
4000 m																				
5000 m						5604	-21				5736			270	39					
6000 m											7386	-26		280	52					
7000 m									280	59	9401	-49		170	87					
8000 m						11760	-52				12100	-52								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 19th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature remains below normal. Low clouds increasing over Lower Egypt and Cairo with a chance for light rain near the coast. Moderate NW'ly winds.

In Upper Egypt: Clear sky and moderate N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [illegible] 33 [illegible] 16 [illegible]

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Pressure M.S.L.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOUM	60	9	18	02	2	7	[illegible] Sc	15.6	20	10	53
303	SIDI BARRANI	330	19	16	01	1	2	[illegible] Ac	16.1	18	9	56
306	MATRUH (A)	310	25	18	02	2	7	Ac	15.5	17	6	49
309	EL DAB'AA	270	6	20	00	0	1	[illegible]	15.1	17	8	56
319	ALEXANDRIA	310	10	20	03	6	5	[illegible]	16.5	18	8	52
318	ALEXANDRIA (A)	300	11	12	01	8	0	[illegible]	15.8	18	11	64
330	DAMIETTA	320	5	20	02	1	3	cu	15.2	19	9	52
333	PORT SAID (A)	340	12	18	01	0	1	cu	14.9	19	9	52
336	EL ARISH											
339	DAMANHUR	230	13	10	[illegible]	1	[illegible]	[illegible]	15.5	18	[illegible]	46
342	MANSURA	270	3		02	1	5	[illegible]	[illegible]	22	[illegible]	36
348	TANTA	270	5	20	[illegible]	2	6		[illegible]	21	[illegible]	41
350	SHEBIN EL KOM											
354	ZAGAZIG	220	1	20	03	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50
441	ISMAILIA											
366	CAIRO (A)	350	10	20	03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	27
372	CAIRO ALMAZA (A)	340	7	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	[illegible]	28
374	CAIRO EZBEKIYA											
375	GIZA	330	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.4	[illegible]	1	38
378	HELWAN	290	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21	[illegible]	27
381	FAYOUM	260	4	20	03	1	2	[illegible]	[illegible]	[illegible]	[illegible]	22
387	MINYA (A)	340	7	12	02	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	21
393	ASYUT (A)	290	10	16	02	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	24
399	NAG HAMADI											
402	QENA	290	3	20	00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14
405	LUXOR (A)	300	10	22	02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	32
414	ASWAN	360	10	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
[illegible]	SIWA	330	15	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	BAHARIA											
[illegible]	FARAFRA	270	5	20	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	[illegible]
432	DAKHLA	340	11	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-10	10
435	KHARGA	340	10	8	02	0	[illegible]	[illegible]	[illegible]	[illegible]	-1	11
450	SUEZ	330	3	50	03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	38
459	TOR											
462	HURGHADA	340	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22
465	QUSEIR	350	14	[illegible]	[illegible]	1	6	[illegible]	[illegible]	[illegible]	[illegible]	50
641	PORT SUDAN	50	13	20	01	1	4	[illegible]	7.2	30	27	84
600	WADI HALFA	10	18	16	01	[illegible]	[illegible]	[illegible]	11.6	29	-6	10
640	ABU HAMAD	360	9	15	06	0	0	—	4.8	37	8	17
660	KAREIMA	40	9	10	02	0	0	—	5.9	36	0	10
680	ATBARA	320	4	20	02	0	0	—	1.9	46	5	12
721	KHARTOUM	20	6	10	03	[illegible]	[illegible]	—	2.5	39	13	21
730	KASSALA	340	6	20	03	[illegible]	1	cu	99.7	42	5	11
751	WAD MEDANI	220	8	20	03	0	[illegible]	[illegible]	4.7	40	9	15
801	RENK	230	2	20	01	1	3	[illegible]	97.0	40	8	14
802	ROSEIRES											
771	EL OBEID	30	8	4.8	05	0	[illegible]	—	[illegible]	[illegible]	9	16
760	EL FASHER	50	6	3.5	05	0	[illegible]	[illegible]	6.0	[illegible]	2	13
770	GENEINA											
840	MALAKAL	250	10	20	03	[illegible]	7	[illegible]	4.6	37	18	32
880	WAU	230	4	20	01	2	7	[illegible]	4.9	34	19	41
941	JUBA	140	7	[illegible]	[illegible]	[illegible]	7	[illegible]	3.0	35	18	37

At 1800 on 18th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	280	8	12	01	2	5	Sc	16.2	16	12	21	-5	77	0
	303	SIDI BARRANI	330	15	14	03	1	5	cu, Sc	15.7	15	9	18		68	0
	306	MATRUH (A)	320	7	10	00	1	4	Sc, cu	15.8	14	7	19		63	0
	309	EL DAB'AA	270	2	20	00	0	0	—	15.2	13	7	18		67	0
	319	ALEXANDRIA	310	8	20	01	1	1	cu	16.0	16	8	20	-4	59	0.4
	318	ALEXANDRIA (A)	320	6	12	01	2	6	Sc	15.6	16	9	21	-2	64	dr.
	330	DAMIETTA	320	2		02	1	3	cu	15.4	16	10	19	-4	68	0
	333	PORT SAID (A)	310	13	16	02	0	1	Sc	14.9	17	9	22	0	60	0
	336	EL ARISH														
LOWER EGYPT	339	DAMANHUR	330	2	4	50	6	6	cu, Sc	15.5	15	9	21	-6	68	dr
	342	MANSURA	320	3		00	0	0	—	15.4	17	8	24	-4	56	0
	348	TANTA	310	3	16	03	6	5	cu	16.2	16	12	24	-5	77	dr
	350	SHEBIN EL KOM	320	2	10	01	1	3	Sc	15.8	16	8	23		59	0
	354	ZAGAZIG	220	1	10	02	0	5	cu	14.9	16	12	26	-3	77	0
	441	ISMAILIA														
CAIRO AREA	366	CAIRO (A)	350	7	12	01	2	2	cu	15.6	16	5	23		49	0
	372	CAIRO ALMAZA (A)	340	12	12	01	2	4	Sc, cu	15.3	17	8	23	-5	56	0
	374	CAIRO EZBEKIYA											25	-4		
	375	GIZA	200	12	8	01	2	4	Ac	15.2	17	7	24	-5	52	0
	378	HELWAN	340	11	10	02	1	2	cu	15.1	17	1	22	-7	34	0
UPPER EGYPT	381	FAYOUM	260	4	20	22	1	2	[illegible]	14.2	18	7	25	-5	49	0
	387	MINYA (A)	360	4	8	02	0	0	—	13.4	18	1	25	-5	32	0
	393	ASYUT (A)	300	5	10	02	0	0	—	14.1	18	2	26	-5	34	0
	399	NAG HAMADI	00	0		01	0	1	Ac	13.0	21	4	29	-3	33	0
	402	QENA	230	4		00	0	0	—	12.4	22	-1	28	-8	21	0
	405	LUXOR (A)	310	10	12	02	0	0	—	11.4	22	9	28		44	0
	414	ASWAN	350	8	14	02	0	0	—	11.5	24	-4	29		16	0
OASES	[illegible]	SIWA	320	9	14	01	1	3	Sc	16.1	19	0	23	-7	28	0
	[illegible]	BAHARIA	320	5	10	02	0	0	—	14.9	18	3	25	-6	37	0
	[illegible]	FARAFRA	330	4	15	02	0	0	—	16.8	18	-6	24		19	0
	432	DAKHLA	340	5	9	02	0	0	—	16.5	20	-8	25	-9	15	0
	435	KHARGA	320	2	9	02	0	0	—	12.6	20	-3	26	-8	33	0
RED SEA	450	SUEZ	330	4	15	03	6	5	cu	14.0	20	11	25	-4	56	0
	459	TOR														
	462	HURGHADA	330	28	12	02	0	0	—	9.9	22	5	25	0	33	0
	465	QUSEIR	320	10	20	01	1	4	—	10.5	22	9	25	-3	44	0
	641	PORT SUDAN	20	6	20	01	2	3	Sc	7.3	28	26	31		89	0
NORTH SUDAN	600	WADI HALFA	350	15	11	05	0	2	ci	12.5	23	-7	30		13	0
	640	ABU HAMAD											37			0
	660	KAREIMA											37			0
	680	ATBARA	340	7	20	02	0	0	—	3.1	35	4	41		14	0
	721	KHARTOUM	330	7	16	03	0	0	—	3.8	34	11	41		25	0
	730	KASSALA	360	1	20	02	0	1	Ac	1.5	31	10	43		28	0
CENTRAL SUDAN	751	WAD MEDANI											40			
	801	RENK											41			
	802	ROSEIRES														
	771	EL OBEID	320	5	5	05	0	0	—	4.5	31	9	37		26	0
	760	EL FASHER	50	6	5	05	0	0	—	5.9	30	6	36		22	0
	770	GENEINA	00	0	4	05	0	0	—	5.4	33	7	37		20	0
S. SUDAN	840	MALAKAL	210	8	20	13	9	7	cb, cs	6.4	28	22	37		20	1
	880	WAU	30	11	20	13	2	7	Sc, cu	7.0	32	21	40		52	0
	941	JUBA	300	1	24	13	2	7	cb, Ac, cs	5.1	31	21	36		55	0

RETARDS — DATE

At 0600 on FRIDAY 19th APRIL, 1957

Index	Station	Wind Direction	Wind Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather	Cloud Amount	Cloud Forms	Bar Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOUM	270	8	18	01	[illegible]	3	[illegible]	17.4	+3.4	16	12	12	-1	77	0	257	
303	SIDI BARRANI	350	16	18	[illegible]	0	7	[illegible]	16.9		15	9	12		68	1	253	
306	MATRUH (A)	310	6	15	[illegible]	[illegible]	[illegible]	[illegible]	16.3		10	10	9		68	0	263	
309	EL DAB'AA	250	4	10	[illegible]	[illegible]	[illegible]	[illegible]	16.8		14	10	9		77	0	203	
319	ALEXANDRIA	[illegible]	19	20	[illegible]	[illegible]	[illegible]	[illegible]	16.7	+2.4	16	8	15	0	59	0.4	280	182
318	ALEXANDRIA (A)	320	7	12	[illegible]	[illegible]	7	[illegible]	16.8	+1.2	18	9	14	0	56	0.4	248	138
330	DAMIETTA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Sc	15.6	+1.4	17	10	9	-5	64	0	233	102
333	PORT SAID (A)	[illegible]	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Sc	15.3	[illegible]	16	12	12	-4	77	0.1		
336	EL ARISH																	
339	DAMANHUR	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.4	[illegible]	16	10	10	-3	60	0.1	139	97
342	MANSURA	[illegible]	3		[illegible]	[illegible]	[illegible]	[illegible]	15.9	+1.4	16	10	10	-3	68	0	68	50
348	TANTA	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.0	+2.5	17	10	8	-4	64	dr	79	38
350	SHEBIN EL KOM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	16.6	+2.1	16	12	11		68	0	28	
354	ZAGAZIG	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	11	10	-2	77	0	53	26
441	ISMAILIA																	
366	CAIRO (A)	[illegible]	[illegible]	14	[illegible]		[illegible]	[illegible]	16.1		15	7	12		68	0	48	
372	CAIRO ALMAZA (A)	[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	16.4	[illegible]	16	10	12	-2	68	0	53	
374	CAIRO EZBEKIYA										15	9	12	-2	64	0	43	24
375	GIZA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.2	+1.8	15	11	9	-2	77	0	53	23
378	HELWAN	[illegible]	[illegible]	4	[illegible]	[illegible]	1	[illegible]	16.6	[illegible]	14	8	11	-4	67	0	36	26
381	FAYOUM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.8	+2.0	[illegible]	7	11	-2	60	0	16	8
387	MINYA (A)	[illegible]	[illegible]	7	[illegible]		[illegible]	—	16.1	+0.0	16	8	8	-4	59	0	2	
393	ASYUT (A)	[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]	—	16.3	+1.9	17	4	13	-2	42	0	dr	
399	NAG HAMADI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—			17	4	10	-4	37	0	1	
402	QENA	[illegible]	0	10	[illegible]	[illegible]	[illegible]	—	14.6	+2.3	22	-1	12	-5	21	0	dr	
405	LUXOR (A)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	20	8	12		46	0	0	
414	ASWAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-2	14	-6	23	0	8	
[illegible]	SIWA	[illegible]	1	[illegible]	[illegible]	1	[illegible]	—	18.5	[illegible]	15	5	10	-2	59	0	23	8
[illegible]	BAHARIA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	+1.6	16	8	8	-5	59	0	2	7
[illegible]	FARAFRA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	16.0		18	-3	10		37	0	dr	
432	DAKHLA	[illegible]	4	[illegible]	[illegible]	0	[illegible]	—	11.5	+3.7	16	-5	11	-2	24	0	1	
435	KHARGA	[illegible]	[illegible]	12	[illegible]	[illegible]	9	—	14.8	+1.9	18	7	13	-3	47	0	3	
450	SUEZ	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	15.4	+1.4	17	11	10	-5	68	dr	36	15
459	TOR																	13
462	HURGHADA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	-2	[illegible]	0	dr	
465	QUSEIR	[illegible]	15	[illegible]	[illegible]	[illegible]	[illegible]	—	13.4	+1.5	[illegible]	5	17	-3	32	0	dr	4
641	PORT SUDAN	340	[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	9.8		27	24	25		84	0		
600	WADI HALFA	10	16	20	03	0	1	[illegible]	15.7		19	-3	15		23	0		
640	ABU HAMAD	300	18	13	07	0	0	—	11.1		22	-2	13		20	0		
660	KAREIMA	50	15	25	07	0	0	—	13.2		22	-7	18		14	0		
680	ATBARA	350	16	20	02	2	0	—	8.7		27	23			79	0		
721	KHARTOUM	350	18	6	07	0	0	—	9.4		24	9	22		38	0		
730	KASSALA	40	3	20	02	0	0	—	4.8		32		23			0		
751	WAD MEDANI	360	18				2	ci	8.2		27	-10						
801	RENK	310	9	20	02	1	1	cs	6.8		30	16	25		43	0		
802	ROSEIRES																	
771	EL OBEID																	
760	EL FASHER	10	5	4.5	05	0	7	cs	12.2		21	-3	18		20	0		
770	GENEINA																	
840	MALAKAL	360	8	10	02	2	7	Ac, cs	8.6		28	20	24		62	1		
880	WAU	00	0	20	02	2	7	Ac, As	7.2		25	20	24		74	0		
941	JUBA	240	1	24	60	6	7	Sc, Ac	4.7		23	22	20		97	19		

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Asyout		Luxor		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4		19-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	360	13	300	13	340	13	350	13	350	10	20	14	330	6	350	8	360	4	20	23	60	14
600 m.	360	11	300	23	340	11	340	10	330	5	20	15	330	7	360	7	360	6	10	20	100	8
1000 m.	360	8	320	20	330	13	340	12	350	12	10	14	330	8	350	6	360	5	360	11	300	4
1500 m.	300	17	330	22	320	13	290	12	70	15	310	11	350	11	300	13	320	8	330	8	300	10
2100 m.	300	18	350	17			290	19			220	23	350	8	280	23	300	10	330	10	290	8
2400 m	300	22					280	23			280	14	350	10	280	24			320	10	320	17
3000 m.	280	20					290	15			280	23	310	16	280	15			280	9	320	25
4000 m															300	28						
5000 m.																						
6000 m.																						

STATION	Asyout		Luxor		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	19-4		19-4		19-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	6	350	5	320	14	200	4	10	9	10	15	100	14	290	3	330	7	340	18	320	3
600 m.	340	10	330	10	330	19	180	12	10	6	20	20	40	7	260	4	330	6	340	22	300	3
1000 m.	340	13	330	10	340	14	180	1	350	5	10	22	330	7	320	10	320	8	320	21	290	4
1500 m.	330	15	340	17	350	12	350	10	360	9	330	15	350	14	320	17	300	12	300	7	320	13
2100 m.	300	18	340	13	290	5	360	13	320	6	330	25	320	16	300	14					310	13
2400 m.	300	17	330	4	280	9			330	5	310	21	320	17	290	14					310	17
3000 m.	280	27			260	13			280	8			300	28							320	25
4000 m.									290	20												
5000 m.																						
6000 m.																						

STATION	Asyout		Luxor		Aswan		Salloum		Matruh		Cairo (A)		S. Barrani		Bahariya		Farafra		Dakhla		Kharga	
DATE	20-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4		20-4	
TIME	0500		0515		0500		0500		0500		0500		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	320	9	310	8	350	12	300	8	310	11	40	11	280	14	350	15	310	11	300	12	350	17
600 m.	360	12	330	14	340	21	270	2	320	13	60	12	280	19	350	16	310	8	300	7	340	17
1000 m	350	17	320	17	330	15	300	5	320	13	70	14	280	17	330	7	330	4	300	8	330	19
1500 m.	360	22	350	22	290	10	290	19			50	11	290	23	320	10	320	10			340	30
2100 m	350	16	350	59	280	12	290	18			270	16	300	32	320	18	320	18				
2400 m.	320	13	330	50			300	15			310	16	300	38	320	19	320	23				
3000 m							300	18			310	16			300	36	310	23				
4000 m											290	15										
5000 m											250	18										
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan										
DATE						20-4					20-4										
TIME						1300					1230										
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	19				111	27		360	9					
1000 mb						132	18		320	14										
950 mb																				
900 mb																				
850 mb						1498	2		270	18	1523	13		290	23					
800 mb																				
700 mb						3061	-4		280	25	3109	0		240	23					
600 mb																				
500 mb						5640	-20		310	44	5731	-15		280	49					
400 mb						7247	-33		310	58	7381	-26								
300 mb						9213	-46		310	70	9401	-40		280	67					
200 mb						11064	-52				12100	-51								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT - CAIRO

DATE SATURDAY 20th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. or land or 10 m. on sea
12 Continuous shallow fog less than 2 m. or land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent — slight
51 " " " continuous — slight
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " . freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No apparent change in temperature all over the Republic. Weather remains warm by day, rather cold by night. Low clouds, and some high, over Lower Egypt and Cairo with moderate NW ly winds. In Upper Egypt: Light N ly winds. Some low clouds in the north part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Sunrise 03 23 G.M.T. Sunset 16 25 G.M.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19TH											At 1800 on 19TH																	At 0600 on SATURDAY 20TH APRIL 1957														
Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.B.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.	Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From 1st Oct.	Rainfall mms. Normal From 1st Oct.
70	3	18	02	0	7	Sc	16.3	19	14	73	60	8	12	02	2	8	Sc,As	16.2	17	13	20	-6	77	0	MEDITERRANEAN	62300	SALLOÛM	120	14	18	01	1	0	—	16.5	+2.7	16	15	12	-1	94	0	257	
340	16	18	02	8	4	Cu, Ci	16.1	17	10	64	330	14	15	02	1	5	Ci	15.7	15	9	18		68	1		303	SÎDI BARRÂNI	260	11	5	10	0	3	Cu	15.7		15	11	10		77	1	254	
320	13	18	02	0	3	Sc,Ac,Cs	15.8	18	8	52	310	9	15	02	2	7	Sc,Ac,As	15.7	15	8	20		63	0		306	MATRÛH (A)	250	17	16	01	1	1	Ci	15.8	+1.2	17	10	11		64	0	263	
320	6	20	00	0	3	Ac	15.9	18	10	60	00	0	20	00	0	0	—	16.1	15	9	19		68	0		309	EL DAB'AA	270	6	10	00	0	5	Ac	16.4		17	9	10		60	0	203	
350	12	20	01	1	2	Cu	15.6	19	7	46																319	ALEXANDRIA	270	3	20	03	8	8	Cu,Sc	16.7	+2.4	13	9	12	-3	77	2	282	182
360	10	12	01	2	4	Cu	15.3	20	9	49	360	4	12	01	0	0	—	15.6	15	8	20	-3	63	0		318	ALEXANDRIA (A)	260	10	10	60	2	8	Cu,Ac	16.1	+0.5	16	10	12	-2	68	dr	248	138
340	5	20	01	2	1	Cu	15.4	18	8	52	320	2		00	0	0	—	15.5	15	9	18	-05	68	2		330	DAMIETTA	340	2		03	0	8	Ac	15.5	+1.3	17	9	11	-3	60	2	235	102
340	11	20	01	8	4	Cu, Sc	14.7	19	9	52	340	10	16	01	0	1	Cu	15.5	16	8	20	-2	59	1		333	PORT SA'ÎD (A)	10	5	12	02	1	8	Sc,Ac,Ci	15.1	-0.1	17	8	15	-2	56	0		
																										336	EL 'ARISH																	
310	9	10	03	6	3	Cu	16.0	21	10	50	40	2	10	01	1	2	Cu				21	-6		1	LOWER EGYPT	339	DAMANHÛR	230	2		01	1	6	As	15.6	+1.5	14	10	10	-3	77	1	140	97
290	5		03	1	5	Cu	14.8	21	7	41	340	3		01		3	Cu	15.9	19	8	23	-6	49	0		342	MANSÛRA	00	0		03	1	8	As	15.6	+1.1	16	10	11	-2	68	0	68	50
00	0	20	03	6	7	Cu	15.2	19	11	60	360	3	10	02	0	0	—	15.0	13	9	22	-7	77	dr		348	ṬANṬA	00	0	20	03	2	8	Cu	15.8	+1.3	15	10	9	-3	72	dr	79	38
320	5	20	01	1	2	Cu	15.4	21	1	27	320	2	10	01	1	1	Sc	15.6	16	8	21		59	0		360	SHEBÎN EL KÔM	290	2	10	01	1	4	Sc	14.8	+0.3	15	9	11		68	0	58	
270	1	20	03	1	4	Cu		20	13	64	00	0	10	03	1	6	Cu		16	12	22	-7	77	0		354	ZAGAZIG	40	1	10	02	0	0	—	15.0	+0.5	14	10	11	-1	77	0	53	26
																										441	ISMA'ILÍA																	
330	8	20	02	2	6	Sc	13.9	20	4	35	20	8	14	01	1	2	Sc	14.8	17	7	22		52	0	CAIRO AREA	366	CAIRO (A)	60	6	16	02	2	7	Ac,Cs	15.4		16	9	13		64	0	48	
280	7	23	02	2	6	Cu, Sc	14.0	22	9	44	20	12	12	01	2	4	Sc,Cu	14.8	17	10	23	-6	64	0		372	CAIRO ALMÁZA (A)	40	6	20	02	2	8	Sc,Cu	13.1	-0.4	16	10	13	-1	68	0	53	
																					24	-5				374	CAIRO EZBEKÎYA										15	9	12	-2	68	0	43	24
330	4	10	02	2	6	Cu	14.5	20	6	41	50	7	8	01	1	2	As	15.1	17	9	23	-6	60	0		375	GIZA	350	4	7	02	—	8	Cu,Sc	15.8	+1.4	14	10	11	0	77		58	24
280	3	10	02	2	6	Cu	14.0	21	2	29	360	12	10	02	1	4	Cu	14.8	17	7	22	-7	52	0		378	HELWÂN	340	3	20	02	2	8	Ac,As	15.1	+1.2	16	8	13	-2	59	0	36	27
360	4	20	03	2	5	Cu, Sc	14.0	22	6	36	360	4	20	02	2	5	Cu,Sc	13.6	19	8	24	-7	49	0	UPPER EGYPT	381	FAYOÛM	360	4	20	02	2	8	As	15.6	+1.5	16	9	12	-2	64	0	16	8
40	8	10	02	0	3	Cu	14.3	23	4	29	40	2	8	02	0	1	Ci	14.1	17	5	24	-6	46	0		387	MINYA (A)	360	9	8	02	2	7	Ac,Ci	15.0	-0.5	15	9	11	-1	68	0	0	
320	7	15	02	0	0	—		23	-1	20	20	3	10	02	0	0	—	13.5	19	3	24	-7	35	0		393	ASYOÛT (A)	00	0	10	02	1	5	Ac,Ci	14.4	+1.0	17	4	14	-1	42	0	dr	
00	0		00	0	2	Ac	11.1	26	4	25	00	0		01	0	1	Ac	12.8	20	6	26	-7	41	0		399	NAG' HAMÂDI	00	0		00	0	0	—	15.8	+3.1	19	7	12	-2	46	0	1	
290	3	30	00	0	0	—	11.7	26	4	25	290	4	9	00	0	0	—	12.0	22	-1	28	-8	21	0		402	QENA	290	4	10	03	1	6	Ac	13.6	+1.4	20	7	12	-5	43	0	dr	
330	9	22	02	0	0	—	11.2	26	12	42	300	9	12	02	0	0	—	11.1	22	11	27		50	0		405	LUXOR (A)	290	10	22	02	2	2	Cs	13.8	+1.4	20	10	12		53	0	6	
340	15	16	01	0	0	—	10.5	27	-7	10	360	3	12	02	0	0	—	11.2	23	0	28	-8	22	0		414	ASWÂN	360	5	12	02	0	0	—	12.8	+0.7	19	0	13	-7	28	0	8	
330	10	16	02	1	5	Sc,Cu,Ci	12.3	22	0	23	320	8	14	01	1	3	Ci	15.4	19	3	22	-8	35	0	OASES	417	SÎWA	230	2	14	01	1	1		17.3	+2.1	14	5	10	-2	55	0	23	8
320	8	20	02	0	0	—	14.9	22	6	36	320	2	10	02	0	0	—	14.9	18	5	23	-8	43	0		420	BAHARÎYA	360	2	20	03	2	5	Cs	16.1	+1.4	18	9	11	-2	56	0	0	7
360	3	20	02	0	0	—	15.8	23	-1	20	320	4	12	02	0	0	—	15.7	18	-3	23		24	0		423	FARAFRA	40	6	15	02	0	0	—	16.4		16	1	12		36	0	dr	
290	9	24	02	0	0	—	15.8	23	-4	16	350	2	14	02	0	0	—	15.0	20	-6	24	-10	17	0		432	DAKHLA	320	5	22	02	0	0	—	16.4	+2.8	16	-6	12	-3	22	0	1	
340	5	15	02	0	0	—	12.4	25	2	22	10	2	8	02	0	0	—	12.2	20	0	26	-8	26	0		435	KHARGA	350	1	15	02	0	0	—	12.1	+0.2	20	-5	12	-4	38	0	3	
360	3	30	03	0	6	Cu	13.3	22	9	44	330	4	10	02	0	6	Sc	14.3	18	10	23	-6	60	0	RED SEA	450	SUEZ	330	2	20	00	0	6	Cu	15.0	+1.1	17	11	11	-5	68	0	36	16
																										459	TÔR																	13
340	25	22	02	0	0	—	11.2	24	5	30	330	20	12	02	0	0	—	10.8	20	13	24	-1	64	0		462	HURGHÀDA																dr	
360	15	20	02	0	0	—	11.3	24	9	38	320	12	20	02	0	0	—	10.7	23	7	24	-4	36	0		465	QUSEIR	300	17	20	00	0	3	Ac,Ci	11.3	-0.6	22	6	17	-3	36	0	dr	4
30	22	8	07	2	1	Ci	8.0	29	22	66	360	12	20	02	0	1	Sc	9.0	25	21	31		79	0		641	PORT SÛDÂN	360	9	20	01	1	1	Sc,Ac	10.1		26	18	21		62	0		
10	10	20	03	1	4	Ci	11.4	25	-3	16	330	13	20	02	0	0	—	12.3	23	-5	28		15	0	NORTH SUDAN	600	WÂDI HALFA																	
310	13	15	06	0	2	As,Ci	6.6	31	-7	8	360	5	22	01	1	1	Ac	8.8	25	-5	32		14	0		640	ABU HAMAD																	
50	13	15	01	0	1	As,Ci	7.8	32	-10	6	50	6	20	02	0	0	—	9.6	25	-1	32		18	0		660	KAREIMA	10	22	21	01	1	2	Ac	12.9		22	-5	15		16	0		
10	13	10	07	0	0	—	4.7	35	-5	8	10	6	20	02	0	0	—	7.2	27	-1	35		16	0		680	ATBARA	350	12	20	03	0	3	Ac	10.5		24	-7	17		13	0		
10	17	15	05	0	0	—	4.5	34	0	12	320	11	20	01	1	2	Ci	6.7	29	-2	36		12	0		721	KHARTOÛM	330	12	20	01	2	4	Ci	11.2		24	-1	19		22	0		
											320	5	20	01	0	0	—	3.8	31	1	40		15	0		730	KASSALA																	
																					39				CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	11.1		25	-11	17		9	0		
310	9	20	01	0	0	—	5.6	27	4	12											39					801	RENK	50	9	20	02	2	8	Ci	10.7		27	-6	15		17	0		
310	5	20	02	1	5	Cs	2.5	34	4	15											41					802	ROSEIRES	310	35	20	02	0	1	Cu	9.1		28	-2	21		79	0		
340	7	8	05	2	7	Cs	5.1	33	-3	10	350	6	18	05	2	4	Ci	7.5	27	-4	34		13	0		771	EL OBEID	10	12	18	05	2	7	Cs	12.0		22	-8	17		13	0		
350	4	7	05	0	0	—	5.5	33	-2	10	80	7	7	05	0	0	—	6.6	30	-3	35		11	0		760	EL FASHER																	
50	2	20	05	0	0	—	5.3	34	7	19	40	6	20	05	2	0	—	5.8	31	2	37		16	0		770	GENEINA																	
											240	8	20	02	2	7	Sc,As,Cs	8.5	26	17	39		58	0	S. SÛDÂN	840	MALAKÂL	00	0	20	01	2	6	As,Cs	11.3		25	19	22		70	0		
00	0	20	02	3	7	Cu, Cs	4.6	32	18	43	140	8	20	02	2	8	As,Cs	10.1	25	21	33		79	0		880	WÂU	270	2	20	03	2	7	Cs	9.1		24	19	22		74	0		
340	14	24	17	6	7	Sc, As	7.4	27	24	74	270	3	24	13	2	7	Ci, Cs	9.7	25	23	29		89	dr		941	JUBA	180	11	24	02	2	7	As,As	9.9		25	21	22		79	dr		
																									RETARDS	DATE																	

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Farafra	
DATE	20/4		20/4		20/4		20/4		20/4		20/4		20/4		20/4		20/4		20/4		20/4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	17	30	13	290	15	330	10	360	14	20	17	290	10	130	13	270	4	10	13	30	6
600 m	320	13	360	4	290	12	330	10	360	12	10	19	300	8	300	15	340	4	10	17	10	5
1000 m	300	14	330	7	300	11	330	13	350	7	360	17	300	10	300	17	290	5	360	15	310	5
1500 m	270	16	320	16	310	15	320	10	290	18	340	21	300	10	290	23	300	14	320	9	280	16
2100 m			290	16	300	22	310	12	280	19	310	23	290	12	290	37	270	22	290	19	280	18
2400 m			280	15	300	28	300	14	270	19	310	20	300	12			280	30	290	23	290	23
3000 m			310	11					270	17			320	11					320	28	300	27
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo (A)		Aswan		Salloum		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
DATE	20/4		20/4		20/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	360	15	60	3	320	20	350	6	310	15	150	4	80	13	310	20	290	6	280	14	350	4
600 m	360	14	40	3	320	23	20	5	320	11	150	6	50	9	360	22	270	10	280	18	320	9
1000 m	350	8	300	9	320	20	10	8	340	9	220	9	20	6	300	26	240	16	280	37	320	3
1500 m	320	23	300	26	350	8	360	15	350	14	280	8	310	18			260	14	270	35	300	4
2100 m	310	38	290	29	300	17	270	28	360	19			300	29			270	21			330	4
2400 m			280	31	300	24	280	30	10	14			290	29			270	20			350	5
3000 m							300	73														
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo (A)		Aswan		Asyout		Luxor		Asyout		Luxor		Bahariya		Farafra		Dakhla		Harghada	
DATE	21/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4		21/4	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1115		1100		1200	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	30	10	240	3	340	15	160	3	310	3	320	11	320	10	320	10	270	7	330	8	360	20
600 m	350	9	300	4	350	18	150	3	10	5	320	17	360	4	290	13	280	13	320	13	350	12
1000 m	10	9	300	7	340	18	270	3	10	9	320	13	330	4	300	10	280	17	290	11	330	14
1500 m			270	26	290	17	300	17	350	10	270	3	290	10	290	3	300	17	270	10	310	5
2100 m					300	23			340	16			280	11	270	16			280	22	260	26
2400 m									340	20			290	10					270	15		
3000 m													270	14								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION							Matruh				Aswan							
DATE							21-4				21-4							
TIME							1200				1200							
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	17				111	29		10	5					
1000 mb						149	16		340	13	135	26		10	5					
950 mb																				
900 mb																				
850 mb						1496	3		240	13	1528	11		300	8					
800 mb																				
700 mb						3044	-4		310	24	3101	-4		290	34					
600 mb																				
500 mb						5618	-20		310	60	5686	-16		290	61					
400 mb						7245	-27		310	70	7329	-26		280	70					
300 mb																				
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF [illegible] METEOROLOGICAL DEPT — CAIRO

DATE SUNDAY 21st APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

00 No cloud development observed
01 Cloud dissolving or less developing [illegible]
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than [illegible]
12 Continuous [illegible] land or [illegible] sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 reaching ground but distant 5 kms
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing)
21 Rain
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow or of rain and snow
27 " hail " " hail
28 Fog
29 Thunderstorm with or without precipitation

(20–29: not falling as shower (s); during preceding hour not at time of observation)

30 Slight or moderate duststorm or sandstorm — decreased
31 no change
32 increased
33 decreased
34 Severe duststorm or sandstorm — no change
35 increased
36 Slight or moderate drifting snow — low
37 Heavy "
38 Slight or moderate " — high
39 Heavy "
40 Fog at a distance, not during last hour
41 " in patches
42 " sky discernible has become thinner during
43 " " not " preceding hour
44 " " discernible no change during preceding hour
45 " " not "
46 " " discernible has begun or become thicker
47 " " not " during last hour
48 " depositing rime, sky discernible
49 " " " " not "

(30–39: during preceding hour)

50 [illegible] intermittent slight
51 continuous
52 [illegible] moderate
53 [illegible]
54 [illegible] thick
55 [illegible]
56 [illegible]
57 [illegible]
58 [illegible]
59 [illegible]
60 [illegible] intermittent slight
61 [illegible]
62 [illegible] moderate
63 [illegible]
64 [illegible] heavy
65 [illegible]
66 [illegible] moderate or heavy
67 [illegible] slight
68 [illegible]
69 [illegible] moderate
70 [illegible] heavy
71 [illegible]
72 [illegible] with or without fog
73 [illegible]
74 [illegible]
75 [illegible]
76 [illegible] heavy
77 [illegible]
78 [illegible] and snow, slight
79 [illegible] moderate or heavy
80 Snow [illegible]
81 [illegible]
82 Shower [illegible] with or without rain slight
83 [illegible] moderate
84 Shower [illegible] with or without rain or slight
85 [illegible] and snow [illegible] moderate
86 Slight [illegible] Thunderstorm
87 Moderate [illegible] during preceding hour
88 Slight [illegible] but not at time of
89 Moderate or heavy snow observation
90 Thunderstorm slight or moderate without hail
91 " with "
92 " heavy without hail
93 with duststorm or sandstorm
94 heavy with hail

(90–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering [illegible]
1 Cloud covering [illegible] part of the [illegible]
2 Cloud covering [illegible] out the [illegible]
3 Sandstorm or [illegible]
4 Fog [illegible]
5 Dr[illegible]
6 Ra[illegible]
7 Snow or rain [illegible]
8 Shower (s)
9 Thunderstorm [illegible] cipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slight rise in temperature. Mild weather by day, rather cold by night. Low clouds over Lower Egypt and Cairo, increasing at times with chance for light rain on the coast. Moderate NW by winds. In Upper Egypt: Patches of low clouds in the north part. Light N by winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 22 U.T. / Sunset 16 26 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 20 Th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	80	8	16	02	2	6	Sc	11.0	22	5	33
	303	SÎDI BARRÂNI	340	17	14	02	0	2	[illegible]	11.7	19	10	56
	306	MATRÛH (A)	380	15	18	17	1	5	Cb	14.[illegible]	20	8	46
	309	EL DAB'AA	340	12	80	00	0	0	—	14.9	20	6	41
	31[illegible]	ALEXANDRIA	270	10	20	01	6	1	Cu	14.8	18	10	60
	318	ALEXANDRIA (A)	320	10	16	01	6	1	Cu	14.6	20	10	5[illegible]
	330	DAMIETTA	340	5	25	02	2	8	Ac	14.6	19	7	54
	333	PORT SA'ÎD (A)	360	10	24	03	2	7	Cu, Cs	14.0	19	7	46
	336	EL 'ARÎSH											
LOWER EGYPT	339	DAMANHÛR	360	5	10	01	6	3	Ac	1[illegible].7	20	8	46
	342	MANSÛRA	40	5		01	1	5	Ns	14.2	21	11	53
	348	ṬANTA	270	2	20	[illegible]3	2	5	Cu	14.8	21	10	50
	360	SHEBÎN EL KÔM											
	354	ZAGAZIG	320	1	20	03	1	7	Cu	13.3	20	11	56
	441	ISMA'ILIA											
CAIRO AREA	366	CAIRO (A)	350	5	16	02	2	7	Sc, Cs	13.4	20	4	35
	372	CAIRO AL-MÂZA (A)	360	8	25	02	2	7	Cu, Cs	13.3	21	6	38
	374	CAIRO EZBEKÎYA											
	375	GIZA											
	378	HELWÂN	320	19	10	02	2	5	Cu, Ci	13.3	20	3	33
UPPER EGYPT	[illegible]	FAYOÛM	360	4	20	01	1	5	As	13.8	2[illegible]	6	36
	387	MINYA (A)	330	14	10	02	0	3	Cu	12.7	24	2	24
	393	ASYOÛT (A)	340	8	14	01	2	3	Cu	12.7	24	0	21
	399	NAG' HAMÂDI	00	0	10	00	0	0	—	11.4	26	7	30
	402	QENA	290	6	20	10	0	0	—	11.1	26	4	25
	405	LUXOR (A)	310	11	22	02	0	0	—	10.2	26	13	45
	[illegible]	ASWÂN	360	8	16	02	0	0	—	10.6	26	-4	14
OASES		SÎWA	330	8	16	02	0	[illegible]	[illegible]	[illegible]	24	2	24
		BAHARÎYA											
	[illegible]	FARAFRA	320	4	20	[illegible]1	0	1	[illegible]	14.7	24	-2	18
	[illegible]	DAKHLA	340	9	21	02	0	0	—	14.4	25	-3	16
	435	[illegible]OA	10	10		01	1	1		11.5	25	10	21
RED SEA	[illegible]	SUEZ	330	2	50	[illegible]	[illegible]	6	Cu	13.[illegible]	21	7	41
	[illegible]	TÔR											
	[illegible]	HURGHADA											
	[illegible]	QUSEIR	350	18	20	02	0	3	[illegible]	[illegible].8	24	6	32
	64[illegible]	PORT SÛDÂN											
N. SUDAN	600	WÂDI HALFA	310	20	18	[illegible]1	0		—	11.8	28	-2	14
	640	ABU HAMAD	300	9	20	02	[illegible]				30	-1	13
	660	KAREIMA	60	9	21	02	[illegible]		Ci	9.6	31	-3	11
	680	ATBARA	330	13		[illegible]			Ac, Ci	7.2	33	[illegible]	5
	[illegible]	KHARTOÛM	350	12	2[illegible]	[illegible]			Ac, Ci	[illegible]	3[illegible]		
	[illegible]	KASSALA	280	5	20	[illegible]1				[illegible]	36		
CENTRAL SUDAN		WAD MEDANI	310	9	2[illegible]					[illegible].4	35	-11	
	80[illegible]	RENK	31[illegible]	[illegible]	2[illegible]	02							
	8[illegible]	ROSEIRES	310	5	20	02							1[illegible]
	[illegible]	EL OBEID	350	7	20	02	2	7					
	760	EL FASHER	130	5	17	05	2	7	[illegible]s	[illegible].4	34	5	16
	770	GENEINA	30	1	30	02	2	5	Cs	7.0	33	-1	11
S. SUDAN	840	MALAKAL	30	5	16	06	2	7	Cs	6.[illegible]	[illegible]	11	22
	880	WAU	30	2	[illegible]	0[illegible]	[illegible]		Ac	[illegible]			34
	9[illegible]		80		24	[illegible]	2						55

At 1800 on 20 Th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms
SALLOÛM	320	12	12	02	1	0	—	14.9	17	14	24	-2	23	0
SÎDI BARRÂNI	10	19	10	02	0	6	Cs	14.9	16	10	19		68	[illegible]
MATRÛH (A)	340	15	12	02	0	2	Sc	14.7	15	10	21		72	0
EL DAB'AA	00	0	20	00	0	0	—	15.1	15	9	21		68	0
ALEXANDRIA	360	9	20	01	0	0	—	15.2	16	10	20	-4	68	1
ALEXANDRIA (A)	350	7	12	02	0	4	Sc	14.5	16	11	20	-4	72	5
DAMIETTA	220	2		01	2	0	—	14.6	15	11	19	-4	77	0
PORT SA'ÎD (A)	10	4	18	02	0	0	—	14.1	16	8	21	-2	59	0
EL 'ARÎSH														
DAMANHÛR	40	2	10	02	0	0	—	14.7	15	11	22	-5	77	0.1
MANSÛRA	270	3		00	5	0	—	14.7	16	10	22	-6	68	5
ṬANTA	360	2	10	02	0	0	—	14.8	15	10	22		72	0
SHEBÎN EL KÔM	290	2	10	01	1	2	Sc	14.8	16	8	22		59	0
ZAGAZIG	220	19	10	02	0	0	—	13.6	16	12	22	-7	77	0
ISMA'ILIA														
CAIRO (A)	350	6	12	02	0	2	Cu	13.8	17	7	22		52	0
CAIRO AL-MÂZA (A)	20	8	12	01	0	0	—	13.6	18	6	22	-7	46	0
CAIRO EZBEKÎYA											22	-6		
GIZA	50	4	8	01	0	0	—	13.4	18	8	23	-6	52	0
HELWÂN	340	2	10	01	1	2	Cu	13.8	18	6	21	-8	46	0
FAYOÛM	360	4	20	01	0	0	—	13.3	18	8	23	-8	52	0
MINYA (A)	20	2	8	02	0	0	—	13.1	16	6	25	-6	5[illegible]	0
ASYOÛT (A)	340	3	10	02	0	0	—	13.6	19	2	26	-5	32	0
NAG' HAMÂDI	00	0		01	0	1	Ac	12.1	19	7	27	-6	46	0
QENA	270	2		00	0	0	—	11.9	21	1	27	-9	2[illegible]	0
LUXOR (A)	310	9	12	02	0	0	—	11.9	22	11	26		50	0
ASWÂN	340	12	12	02	0	0	—	11.4	24	-4	28	-8	16	0
SÎWA	320	3	14	02	0	1	Sc, Cu	14.0	20	3	25	-5	33	0
BAHARÎYA	320	1	10	02	0	0	—	14.3	19	4	24	-7	37	0
FARAFRA	360	3	12	02	0	0	—	15.4	20	-4	24		19	0
DAKHLA	350	4	9	02	0	0	—	14.8	21	-7	25	-9	15	0
[illegible]OA	360	1	9	02	0	0	—	12.2	20	-7	25	-9	16	0
SUEZ	330	3	10	01	0	0	—	13.4	18	8	23	-6	52	0
TÔR														
HURGHADA														
QUSEIR	320	12	20	01	0	0	—	10.4	21	7	25	-3	41	0
PORT SÛDÂN											29			
WÂDI HALFA											30			
ABU HAMAD											30			
KAREIMA											32			
ATBARA											33			
KHARTOÛM											34			
KASSALA														
WAD MEDANI											36			
RENK											37			
ROSEIRES											39			
EL OBEID											34			
EL FASHER														
GENEINA											35			
MALAKAL											37			
WAU											36			
9[illegible]											[illegible]			

At 0600 on SUNDAY 21Th. APRIL 1957.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	00	0	18	02	1	3	Sc	15.5	+1.7	17	13	14	+1	77	0	257	
SÎDI BARRÂNI	20	13	15	00	0	5	Cu, Sc	15.5		15	9	10		68	0	254	
MATRÛH (A)	360	12	15	03	0	7	Sc	15.5	+0.9	16	7	12		56	0	263	
EL DAB'AA																208	
ALEXANDRIA	310	10	20	03	0	4	Cu	14.8	+0.5	16	8	14	-1	59	1	283	183
ALEXANDRIA (A)	310	10	12	02	0	4	Sc	14.3	-1.3	17	8	15	+1	56	5	253	138
DAMIETTA	220	2		00	0	0	—	14.3	+0.2	15	11	14	-1	77	0	235	103
PORT SA'ÎD (A)	240	14	14	02	0	0	—	13.8	-1.[illegible]	17	10	14	-3	64	0		
EL 'ARÎSH																	
DAMANHÛR	330	5		03	0	3	Ac	14.4	+0.3	18	8	10	-3	52	0.1	140	97
MANSÛRA	320	3		03	1	5	Sc, Cu	14.0	-0.4	16	12	10	-3	77	5	73	51
ṬANTA	290	7	20	03	2	7	Cu	15.5	-1.0	16	10	8	-4	68	0	79	38
SHEBÎN EL KÔM	250	2	10	01	1	2	Cu	15.0	+0.6	16	10	11		68	0	58	
ZAGAZIG	220	1	10	03	1	3	As	14.1	-0.3	15	11	9	-3	77	0	53	26
ISMA'ILIA																	
CAIRO (A)	00	0	12	03	0	4	[illegible]	14.7		17	8	11		56	0	48	
CAIRO AL-MÂZA (A)	240	2	10	03	2	6	Sc, Cu	14.4	-1.0	18	9	11	-3	56	0	53	
CAIRO EZBEKÎYA											9	12	-2	64	0	43	24
GIZA	250	6	8	02		5	Ci	15.1	+0.8	15	11	10	-1	77	0	53	24
HELWÂN	00	0		05	2	8	Ac	15.0	+1.2	16	8	11	-4	59	0	36	27
FAYOÛM	00	0	20	02	0	0	—	14.8	+0.8	19	10	12	-2	56	0	16	8
MINYA (A)	160	3	7	02	0	0	—	14.2	-1.3	16	6	8	-5	52	0	2	
ASYOÛT (A)	00	0	12	02	0	0	—	15.1	-1.8	18	3	12	-3	37	0	dr	
NAG' HAMÂDI	00	0		01	0	3	Ac	14.8	+2.2	19	7	11	-3	46	0	1	
QENA	00	0	10	00	3	0	—	15.0	+2.9	21	4	13	-4	33	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	14.3	+2.0	21	11	10		53	0	0	
ASWÂN	360	6	12	02	0	0	—	15.2	+3.2	20	1	13	-7	28	0	8	
SÎWA	80	6	14	02	1	3	Ci	15.4	+0.2	15	8	12	-1	63	0	23	8
BAHARÎYA																2	7
FARAFRA	260	3	15	02	0	0	—	15.7		17	-4	8		24	0	dr	
DAKHLA	00	[illegible]	21	02	0	0	—	16.4	+2.9	15	-5	11	-4	25	0	1	
[illegible]OA	[illegible]0	0	12	02	0	0	—	13.9	+1.0	19	6	9	-8	43	0	3	
SUEZ	[illegible]	2	20	00	0	0	—	14.2	+0.3	16	10			68	0	36	16
TÔR																	
HURGHADA																dr	
QUSEIR	320	12	20	02	0	0	—	13.5	+1.6	21	10	18	-2	50	0	dr	4
PORT SÛDÂN	320	7	20	02	0	1	Sc	12.9		26	16	20		55	0		
WÂDI HALFA	[illegible]30	4	20	02	0	0	—	15.6		18	1	11		32	0		
ABU HAMAD	360	5	24	02	0	0	—	14.2		22	-3	15		19	0		
KAREIMA	100	1	20	02	0	0	—	14.8		21	-3	14		20	0		
ATBARA	10	15	10	07	0	0	—	12.7		23	-3	18		18	0		
KHARTOÛM	10	10	20	03	0	2	Ci	12.7		23	3	17		27	0		
KASSALA	50	7	20	02	0	0	—	11.0		27	-4	16		13	0		
WAD MEDANI	360	19	10	02	0	2	Ci	12.1		26	-7	15		11	0		
RENK	50	9	20	02	0	0	Cs	12.5		26	2	26		21	0		
ROSEIRES	310	5	20	02	0	1	Ci	10.7		27	0	18		17	0		
EL OBEID	[illegible]0	13	20	03	1	7	Cs	11.8		23	-9	16		1[illegible]	[illegible]		
EL FASHER																	
GENEINA	30	12	30	03	0	3	Ci	13.1		21	-11	19		11	0		
MALAKAL	310	12	20	03	1	6	Cs	11.4		26	-3	21		15	0		
WAU	230	1	20	02	2	7	Cs	9.3		27	21	25		70	0		
9[illegible]	180	7	24	02	6	7	Ac	9.7		25	22	24		84	dr		

RETARDS — DATE

* 9 = Sky obscured by fo[illegible] etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
21-4		21-4		21-4		21-4		21-4		21-4		21-4		21-4		21-4		21-4		21-4	
1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
340	17	290	16	280	14	320	27	300	23	330	13	290	10	320	25	260	20	20	22	80	19
340	18	280	16	290	12	330	46	290	20	320	13	360	10	320	27	280	14	30	22	60	17
330	15	280	16	300	13	310	24	280	25	320	9	340	6	310	27	280	12	10	13	80	8
310	10	270	16	310	9	320	14	250	23	300	17	330	7			280	6	290	17	240	10
260	23	270	21	320	13	300	26	260	18	320	14	300	11			240	14	260	40	300	19
260	25	270	23	280	12	280	29	260	19	330	24	290	15			240	24	260	36	320	15
						300	23					300	26			250	42	270	30	300	31
																				300	35

Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
21-4		21-4		21-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4	
2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
290	8	350	9	350	8	310	24	240	17	20	15	70	22	310	12	250	4	320	4	110	17
350	10	30	17	330	10	310	25	280	19	10	18	70	22	310	15	270	10	330	4	110	18
320	11	350	10	320	10	310	22	280	21	350	14	40	13	280	10	260	15	320	2	100	23
280	24	270	23	290	9			290	14	310	22	320	9			270	13	340	5	360	2
		260	40	290	10			290	21	290	33					290	19	330	4	300	13
		260	38															350	4	310	29
		260	25															320	5	290	31

Cairo (A)		Asyout		Aswan		Salloum		Luxor		Salloum		S. Barrani		Luxor		Baharia		Dakhla		Hurghada	
22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4	
0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
290	7	330	7	150	9	350	7	260	13	60	7	60	4	260	6	20	3	220	16	340	17
290	13	350	8	200	9	350	3	270	14	80	8	100	5	260	4	300	4	240	16	310	16
300	15	330	15	210	4	340	10	240	17	100	8	120	4	260	8	300	3	240	25	300	24
290	17	290	27	300	10	40	6	250	17	100	6	20	5	250	10	230	3	320	12	270	35
310	21					310	23	260	20					260	12	310	22	260	27	250	31
290	20					310	9	280	31					250	12	320	16	270	32	240	35
								280	16					270	16	320	31				
																310	42				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

Matrub 22-4 1200					Aswan 22-4 1100												
ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
25	18				111	32		200	5					
149	18		360	5	144	31		230	6					
1512	8		310	10	1544	11		290	11					
3096	1		300	25	3138	2		300	18					
5725	-14		300	47	5746	-19		260	43					
7390			300	45	7372	-29		270	55					
					9348	-48		280	76					

Notes:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 22nd APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m
12 Continuous or land or 10 m. or less
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 „ reaching ground but distant [illegible]
16 „ „ „ near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(within sight during past hour)
20 Drizzle (not freezing)
21 Rain („ „)
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(not falling as shower (s))
25 Shower (s) of rain
26 „ of snow, or of rain and snow
27 „ „ hail, „ „ „ hail
28 Fog
(during preceding hour and at time of observation)
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm
31
32
33 Severe duststorm or sandstorm
34
35
(decreased / no change / increased / decreased / no change / increased) during preceding hour
36 Slight or moderate drifting snow
37 Heavy „ „
38 Slight or moderate „ „
39 Heavy „ „
(low / high)
40 Fog at a distance, not during last hour
41 „ in patches
42 „ ,sky discernible
43 „ , „ not „
(has become thinner during preceding hour)
44 „ , „ discernible
45 „ , „ not „
(no change during preceding hour)
46 „ , „ discernible
47 „ , „ not „
(has begun or become thicker during last hour)
48 „ ,depositing rime, sky discernible
49 „ , „ „ „ not „

50 Drizzle, not freezing, intermittent
51 „ „ „ continuous
(slight)
52 „ intermittent
53 „ continuous
(moderate)
54 „ intermittent
55 „ continuous
(thick)
56 [illegible]
57 [illegible]
58 [illegible]
59 [illegible]
60 Rain not [illegible] intermittent
61 „ continuous
(slight)
62 „ intermittent
63 „ continuous
(moderate)
64 „ intermittent
65 „ continuous
(heavy)
66 [illegible]
67 [illegible]
68 [illegible] slight
69 „ moderate or heavy
70 [illegible] snow flakes
71 Continuous „
(slight)
72 Intermittent „
73 Continuous „
(moderate)
74 Intermittent „
75 [illegible]
(heavy)
76 [illegible]
77 [illegible]
78 [illegible]
79 [illegible]
80 [illegible]
81 [illegible]
82 [illegible]
83 Shower [illegible] and snow, slight
84 „ moderate or heavy
85 [illegible]
86 „ moderate or heavy
87 Shower [illegible] with or without rain
88 [illegible]
(slight / moderate)
89 Shower [illegible] with or without rain or
90 [illegible] mixed not with thunder
(slight / moderate)
91 Slight rain
92 Moderate or heavy rain
93 Slight [illegible]
94 Moderate or heavy snow *
(Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 „ „ „ with „
97 „ heavy without hail
98 „ with duststorm or sandstorm
99 „ heavy with hail
(Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

[illegible]

[illegible] WEATHER "W

[illegible]

GENERAL FORECAST: from noon today to noon tomorrow:

No appreciable change in temperature all over the Republic. Warm weather by day, rather cold by night. Low clouds increasing at times over Lower Egypt and Cairo with light rain on the north coast. Winds chiefly moderate NWly. In Upper Egypt: Light NWly winds. Some low clouds in the northern part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 21 U.T. / Sunset 16 26 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1800 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms
Mediterranean	62300	SALLOÛM	00	0	12	02	1	5	Sc	15.9	16	11	20	-6	72	0
	303	SÎDI BARRÂNI	10	16	15	02	2	5	Sc	15.1	15	6	18		55	0
	306	MATRÛH (A)	330	14	12	02	0	2	Cu	15.1	14	6	19		54	0
	309	EL DABʻAA	320	10	20	00	0	3	Ac	15.2	15	4	19		48	0
	317	ALEXANDRIA	330	12	20	01	0	1	Cu	14.7	16	8	19	-5	59	0
	318	ALEXANDRIA (A)	320	11	12	02	2	5	Cu	14.4	16	6	20	-4	52	0
	330	DAMIETTA														
	333	PORT SAʻÎD (A)	310	15	18	02	0	1	Cu	13.0	16	9	23	0	64	0
	336	EL ʻARISH														
Lower Egypt	336	DAMANHÛR	310	2	10	02	0	1	Ac	14.2	13	7	21	-7	67	0
	342	MANṢÛRA														
	345	TANTA	310	6	10	02	0	0	—	14.6	12	8	22	-7	77	0
	[illegible]	SHERʻIN EL KÔM	250	2	10	01	1	2	Sc	14.6	16	10	22		68	0
	354	ZAGAZIG	00	0	10	02	0	0	—	14.6	15	11	22	-7	77	0
	441	ISMAʻILÎA														
Cairo Area	366	CAIRO (A)	360	10	12	01	0	0	—	14.2	16	6	23		52	0
	372	CAIRO ALMÂZA (A)	320	7	15	02	0	0	—	14.0	16	4	23	-6	45	0
	374	CAIRO EZBEKÎYA											24	-6	24	0
	375	GIZA	50	6	8	01	1	0	—	14.3	16	7	23	-6	35	0
	378	HELWÂN	360	11	10	02	1	2	Ac	13.9	16	3	21	-9	42	dr.
Upper Egypt	[illegible]	FAYOÛM	360	4	20	01	0	0	—	13.1	17	5	24	-7	46	0
	387	MINYA (A)	10	6	7	02	0	0	—	12.6	18	5	28	-2	43	0
	[illegible]	ASYOÛT (A)	260	2	10	01	0	0	—	13.7	22	-8	29	-3	15	0
	398	NAG HAMÂDI	00	0	4	01	0	1	Ac	13.1	19	4	28	-5	37	0
	402	QENA	10		5	00		0	—	13.0	20	2	28	-8	[illegible]	0
	[illegible]	LUXOR (A)	00	0	12	02	0	0	—	12.3	21	8	28		44	0
	[illegible]	ASWÂN	00	0	12	02	0	0	—	12.7	25	-6	30	-6	13	0
[illegible]		SÎWA	[illegible]	9	14	01	1	0	—	14.1	21	-4	25	-5	18	0
	[illegible]	[illegible]YA	320	3	10	02	0	0	—	13.1	19	7	26	-5	46	0
	[illegible]	[illegible]RA	360	3	12	01	2	3	Cs	13.7	21	-2	28		21	0
	[illegible]	[illegible]LA	290	2	13	02	0	0	—	13.8	24	-5	29	-6	15	0
	[illegible]	[illegible]A	[illegible]	0	8	02	0	[illegible]	—	11.8	20	4	28	-6	35	0
[illegible]	[illegible]	[illegible]	20	2	[illegible]	01	[illegible]	3	Cu	13.1	17	11	24	-5	68	4
	[illegible]	[illegible]														
	[illegible]	[illegible]	00	0	10	02	0	0	—	12.2	19	9	25	-1	52	0
	[illegible]	QUSEIR	20	4	20	01	0	0	—	13.2	21	7	24	-4	41	0
	641	PORT [illegible]DÂN	13	7	[illegible]	[illegible]	0	3	Sc	12.7	25	17	29		61	0
North Sudan	600	WADI HALFA	360	8	20	02	0	0	—	13.5	28	0	30		16	0
	640	ABU HAMAD	360	5	24	02	0	0	—	11.4	24	-3	30		17	0
	660	KAREIMA	40	7	21	02	0	0	—	11.7	26	-9	31		7	0
	[illegible]	ʻATBARA	[illegible]	4	20	02	0	0	—	10.3	25	0	32		14	0
	[illegible]	KH[illegible]TOÛM		4	20	02	0	0	—	9.8	27	2	33		20	0
	[illegible]	[illegible]ASSALA		2	20	02	0	0	—	9.0	25	-6	35		13	0
Central Sudan	[illegible]	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID			[illegible]	01	0	1	Ci	8.4	26	[illegible]	35		12	0
	780	EL FASHER		0	[illegible]	02	2	7	Cs	6.5	29	-3	35		12	0
	770	GENEINA		6	[illegible]	01	1	0	—	6.3	30	-1	36		13	0
S.S.	840	MALAKÂL		[illegible]			2	7	Cs	7.0	28	9	38		31	0
	880	WA[illegible]		4			[illegible]	3	Ci	5.5	31	19	38		49	0
	84[illegible]	[illegible]		[illegible]				1	Ci, Ac	7.8	[illegible]	1	34		62	0

At 0600 on MONDAY 22nd APRIL, 1957

Station	Wind Direction	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs.	Rainfall Total	Rainfall Normal
SALLOÛM	00	0	18	03	1	6	Sc, Cs	15.7	+2.0	17	12	12	-2	72	0	257	
SÎDI BARRÂNI	10	12	15	00	0	7	Sc, Ac	15.5		16	8	14		47	0	254	
MATRÛH (A)	320	10	16	03	2	7	Sc, Ac, Cs	15.9	+1.4	16	7	10		56	1	264	
EL DABʻAA	230	12	10	00	0	6	Ac	14.4		16	6	11		49	0	203	
ALEXANDRIA	310	10	20	03	0	4	Cu	14.8	+0.5	16	8	14	-2	59	0	283	185
ALEXANDRIA (A)	330	13	12	02	2	7	Cu, Sc	14.1	-0.8	17	7	13	-1	52	2	255	138
DAMIETTA	120	2	3	50	0	5	Cu	14.6	[illegible]	15	4	9	-6	68	0	235	165
PORT SAʻÎD (A)	270	16	12	01	0	2	Cb	14.0	[illegible]	16	10	12	-5	68	0		
EL ʻARISH																	
DAMANHÛR	330	5	19	03	1	6	Ci	14.8	+0.7	17	7	10	-3	52	0	100	97
MANṢÛRA	220	3	3	01	0	3	Ac	15.1	+0.7	17	7	10	-3	52	0	93	51
TANTA	00	0	20	03	2	6	Ac	15.2	+0.8	16	11	8	-4	72	0	79	38
SHERʻIN EL KÔM	320	2	10	01	1	2	Cu	15.8	+1.4	14	8	10		67	0	58	
ZAGAZIG	220	1	10	03	1	6	Cu	14.9	+0.5	14	10	9	-3	77	0	55	26
ISMAʻILÎA																	
CAIRO (A)	300	8	12	02	1	5	Ac, Ci	15.7		16	7	11		56	0	48	
CAIRO ALMÂZA (A)	240	6	12	02	2	6	Ci	15.5	-0.2	16	7	11	-4	56	0	53	
CAIRO EZBEKÎYA										16	9	11	-3	64	0	43	31
GIZA	00	0	8	03		7	Cs	15.6	+1.3	15	8	8	-3	63	0	53	20
HELWÂN	00	0	4	05	2	6	Ac	16.4	+2.6	15	7	9	-6	49	dr.	16	27
FAYOÛM	360	4	20	03	2	5	Cu, Sc	17.0	+3.0	17	8	11	-3	56	0	16	8
MINYA (A)	10	7	8	02	0	0	—	16.1	+0.7	16	6	8	-5	52	0	2	
ASYOÛT (A)	280	5	10	02	0	0	—	16.3	+3.0	16	0	12	-3	34	0	dr	
NAG HAMÂDI	00	0	4	01	0	3	Ac	15.9	+3.3	20	6	11	-3	41	0	1	
QENA	290	4	10	00	5	0	—	14.8	+2.8	20	3	10	-7	33	0	dr	
LUXOR (A)	200	4	27	02	0	0	—	14.4	+2.2	21	6	12		38	0	0	
ASWÂN	00	0		03	1	6	Ci	14.3	+2.3	24	2	14	-6	24	0	8	
SÎWA	60	9	15	03	2	6	Sc, Ci	16.6	+1.5	14	4	10	-3	52	0	13	8
[illegible]YA	00	0	20	02	0	0	—	16.7	+2.1	15	2	9	-4	65	0	2	1
[illegible]RA																dr	
[illegible]LA	[illegible]	[illegible]	[illegible]	03	0	1	Ci	16.0	+2.6	17	-2	11	-5	28	0	1	
[illegible]A	330	1	12	02	0	0	—	13.5	+0.7	19	4	10	-7	37	0	2	
[illegible]	[illegible]	0	20	[illegible]	0	6	[illegible]	15.1	+1.8	17	9	9	-7	60	0	[illegible]	11 / 13
[illegible]																	
[illegible]	220	11	[illegible]	[illegible]	0	1	As	13.9	+1.0	20	9	12	-5	49	0	[illegible]	
QUSEIR	240	10	20	03	0	[illegible]	Ci	13.1	+1.3	23	1	16	-5	24	0	dr	11
PORT [illegible]DÂN	360	9	20	01	1	1	Sc	14.4		26	16			25	0		
WADI HALFA	180	2	[illegible]	01	0	0	—	14.5		20	2			25	0		
ABU HAMAD	20	5	24	02	0	0	—	14.4		22	-6			16	0		
KAREIMA	100	2	21	02	0	0	—	13.7		23	-1	16		20	0		
ʻATBARA	10	9	20	02	0	0	—	13.3		24	-5	15		15	0		
KH[illegible]TOÛM	20	7	20	01	1	0	—	11.6		25	-3	18		16	0		
[illegible]ASSALA	20	1	20	02	0	0	—	11.6		25	9	14		36	0		
WÂD MEDANI																	
RENK																	
ROSEIRES	20	3	20	02	0	1	Ci	9.9		27	0	17		17	0		
EL OBEID	20	11	20	03	0	2	Ci	11.6		24	-14	16		7	0		
EL FASHER	350	3	55	03	0	7	Cs	13.3		21	3	13		21	0		
GENEINA	30	8	60	03	1	7	Cs	12.0		23	-11	16		10	0		
MALAKÂL	70	14	20	02	2	7	Cs	11.6		26	-4	20		19	0		
WA[illegible]																	
[illegible]	180	9	24	01	1	1	Ac, Ci	9.7		25	21	22		[illegible]	0		

At 1200 on 21st

Station	Wind Direction Deg.	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L.	Dry Bulb	Dew Point	Relative Humidity
SALLOÛM	80	15	18	[illegible]	1	7	Sc, Ci	17.3	19	14	73
SÎDI BARRÂNI	360	14	20	[illegible]	2	[illegible]	[illegible]	16.1	17	8	56
MATRÛH (A)	320	10	16	02	2	7	Cu, Sc	15.9	18	7	47
EL DABʻAA	320	10	20	00	0	5	Ac	15.1	18	6	[illegible]
ALEXANDRIA	10	14	20	01	1	1	Cu	14.7	19	7	46
ALEXANDRIA (A)	310	15	12	[illegible]	0	4	Cu	14.3	20	1	[illegible]
DAMIETTA	340	5	20	03	0	2	Cu	13.6	12	8	[illegible]
PORT SAʻÎD (A)	330	18	[illegible]	[illegible]		5	Cu, Sc	13.0	20	6	[illegible]
EL ʻARISH											
DAMANHÛR	270	3	16	01	1	4	[illegible]	14.4	20	6	41
MANṢÛRA	240	3	9	[illegible]	1	6	[illegible]	15.1	20	6	[illegible]
TANTA	270	1	20	05	2	0	Cu	[illegible]	20	5	41
SHERʻIN EL KÔM	200	0	20	[illegible]	1	2	Cu	[illegible]	[illegible]	4	53
ZAGAZIG	320	1	20	03	1	7	Cu	13.6	21	10	50
ISMAʻILÎA											
CAIRO (A)	310	12	[illegible]	[illegible]	[illegible]	4	Sc	[illegible]	21	3	31
CAIRO ALMÂZA (A)	[illegible]	13	[illegible]	[illegible]	[illegible]	7	[illegible]	13.1	21	[illegible]	41
CAIRO EZBEKÎYA											
GIZA	340	7	19	03	[illegible]	4	[illegible]	14.6	22	6	1
HELWÂN	290	8	20	02	0	5	Cu, Sc	13.6	19	4	[illegible]
FAYOÛM	260	4	20	02	2	3	Ac	13.3	21	10	[illegible]
MINYA (A)	280	10	8	02	1	4	Sc	12.9	[illegible]	[illegible]	14
ASYOÛT (A)	270	7	16	[illegible]	[illegible]	3	Cu	13.4	[illegible]	[illegible]	13
NAG HAMÂDI	00	0	10	[illegible]	[illegible]	[illegible]	—	13.0	[illegible]	2	[illegible]
QENA	290	6	20	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16
LUXOR (A)	200	2	22					[illegible]		[illegible]	[illegible]
ASWÂN	10	9	16					[illegible]			
SÎWA	300	9	14	[illegible]	1	[illegible]					
[illegible]YA	320	4	20	[illegible]	[illegible]			[illegible]	26	5	28
[illegible]RA	320	20	[illegible]					[illegible]	27	4	12
[illegible]LA	290	2	[illegible]					[illegible]	27	[illegible]	10
[illegible]A	90	2	[illegible]						[illegible]	[illegible]	14
[illegible]	00	0	[illegible]			1	[illegible]	[illegible]	19	9	53
[illegible]											
[illegible]											
QUSEIR	60	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]		24
PORT [illegible]DÂN	300	[illegible]		[illegible]	1			[illegible]	[illegible]	[illegible]	[illegible]
WADI HALFA	360	7	[illegible]						27	9	[illegible]
ABU HAMAD	340	5	[illegible]	[illegible]					29	[illegible]	15
KAREIMA	70	5	[illegible]	[illegible]				[illegible]	27	[illegible]	6
ʻATBARA	50	7	[illegible]					[illegible]	31		
KH[illegible]TOÛM	20							[illegible]	[illegible]		
[illegible]ASSALA											
WÂD MEDANI	360	13							[illegible]		
RENK	310	1							[illegible]		
ROSEIRES											
EL OBEID	[illegible]	[illegible]	[illegible]	[illegible]	1						
EL FASHER	20	5	34		2	1					
GENEINA											
MALAKÂL	30	[illegible]	[illegible]	[illegible]		1	[illegible]	[illegible]		[illegible]	6
WA[illegible]	360	[illegible]	[illegible]	[illegible]		1					
[illegible]	320	1									

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Luxor		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4		22-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m	340	6	340	23	310	13	320	7	320	12	20	4	110	15	40	7	50	3	70	10	100	27
800 m	350	6	340	27	310	13	320	12	300	16	30	3	120	14	50	8	40	4	70	9	120	23
1000 m	330	4	340	7	310	14	320	10	280	16	10	6	110	11	240	4	310	3	20	4	130	24
1500 m	240	7	340	19	300	14	320	6	240	17	350	7	40	5	220	2	240	13	210	3	140	5
2100 m	270	6	330	23	280	8	310	10	260	14	20	13	300	12			280	10			190	27
2400 m	300	7	270	13	280	8	300	12	280	10	30	12	260	11			290	5				
3000 m.	310	17					320	11	300	14	40	30					300	12				
4000 m.	300	30																				
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Luxor		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Bahariya	
DATE	22-4		22-4		22-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	17	20	18	20	17	100	14	110	6	100	8	110	28	180	1	90	9	110	4	120	15
600 m.	70	16	20	27	20	12	120	14	50	6	100	10	120	24	180	5	100	5	100	10	100	12
1000 m	140	3	340	30	330	7	240	3	40	4	80	12	130	21	260	13	140	9	100	14	130	11
1500 m	80	23	50	9	300	17	360	4	270	14	60	12	170	10			170	10	90	15	170	12
2100 m	220	9	240	19			320	11	290	1			230	52							170	10
2400 m	240	9	360	10			310	19	260	5			240	31							210	21
3000 m	240	19	280	21					300	14											240	36
4000 m.																						
5000 m																						
6000 m.																						

STATION	Cairo (A)		Luxor		Aswan		Sallum		Matruh		Asyout		S. Bamani		Asyout		Luxor		Kharga		Dakhla	
DATE	23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4	
TIME	0500		0500		0500		0500		0500		0500		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	18	320	2	50	10	140	11	130	7	110	15	90	13	120	15	320	5	180	2	130	9
600 m.	80	11	30	4	80	13	150	25	130	5	90	17	150	14	120	13	330	10	200	4	120	10
1000 m	30	8	140	4	50	10	170	9	130	9	80	12	160	20	110	4	350	6	210	8		
1500 m	10	4	90	9	320	10	260	9	80	8	140	4	160	16			330	10	120	4		
2100 m			320	10			270	16					220	19					240	4		
2400 m			350	5			230	18					220	28								
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION							Matruh						Aswan									
DATE							23-4						23-4									
TIME							1200						1130									
	ALT m	TEMP °c	HUM. %	WIND DIR	WIND SPEED	ALT m	TEMP °c	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	21				111	34		350	6					
1000 mb						141	14		100	16	185	34		350	6					
950 mb																				
900 mb																				
850 mb						1574	13		130	14	1559	16		20	13					
800 mb																				
700 mb						3111	2		230	28	3161	0		340	17					
600 mb																				
500 mb						5757	-4		260	34	5567	-16		270	29					
400 mb						7417	-25		250	35	7007	-27		270	74					
300 mb						9432	-42		240	35										
200 mb						12080	-55													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 23rd APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" , " continuous	slight
52	" , " intermittent	moderate
53	" , " continuous	moderate
54	" , " intermittent	thick
55	" , " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing, intermittent	slight
61	" " continuous	slight
62	" " intermittent	moderate
63	" " continuous	moderate
64	" " intermittent	heavy
65	" " continuous	heavy
66	Rain, freezing, slight	
67	" moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star-like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature. High and medium clouds over Lower Egypt and Cairo, increasing sometimes on the coast in the extreme west where there is a chance for rain. Winds chiefly moderate SEly, freshening at times. In Upper Egypt: Light variable winds. Some high clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 .... 20 U.T. / " Sunset 16 .... [illegible]2 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 22 th.

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C.	Temp. Dew Point °C.	Relative Humidity %
Mediterranean	62300	SALLOÛM	40	8	18	01	1	3	ci	15.3	19	10	56
	303	SÎDI BARRÂNI	60	13	20	02	2	5	ci	15.7	18	10	60
	306	MATRÛH (A)	350	7	16	02	2	6	cu, cs	15.9	19	8	49
	309	EL DAB'AA	270	8	20	00	0	5	Ac	15.1	19	7	46
	319	ALEXANDRIA	310	11	20	01	1	4	cu, cs	16.0	20	8	46
	318	ALEXANDRIA (A)	320	11	14	02	2	6	cu, ci	15.8	20	10	53
	330	DAMIETTA	290	5	20	01	1	0	—	14.6	19	10	56
	333	PORT SA'ÎD (A)	340	12	20	02	0	1	cu	16.0	19	10	66
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	5	10	01	1	5	ci	15.6	20	6	41
	342	MANṢÛRA	320	5		01	0	2	cu	14.9	23	5	32
	348	ṬANṬA	270	2	20	01	1	4	cu	16.0	22	3	29
	360	SHEBÎN EL KÔM	340	5	20	01	1	3	cb	15.2	20	6	41
	354	ZAGAZIG	320	1	20	01	1	2	ci	14.9	21	10	50
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	320	10	20	01	2	4	cu, ci	15.0	21	4	33
	372	CAIRO ALMÂZA (A)	310	6	25	01	0	3	Ac, Sc, ci	15.0	24	4	28
	374	CAIRO EZBEKÎYA											
	375	GIZA	270	5	10	01	1	3	cu, ci	15.9	22	4	31
	378	ḤELWÂN	00	0	60	02	1	4	cu	15.6	21	4	33
Upper Egypt	381	FAYOÛM	360	4	20	01	0	1	Ac, Sc	15.8	22	7	38
	387	MINYA (A)	00	0	8	02	0	1	ci	15.5	24	2	24
	393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	15.4	24	-2	18
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	Ac	14.3	28	4	22
	402	QENA	290	6	20	00	0	0	—	13.5	28	0	16
	405	LUXOR (A)	290	12	22	02	0	0	—	13.0	29	11	33
	414	ASWÂN	20	10	15	02	0	0	—	14.4	32	-5	9
Oases	417	SÎWA	140	10	16	03	1	5	Ac, ci	15.1	23	2	26
	420	BAḤARÎYA	40	3	30	02	0	0	—	15.8	23	9	41
	423	FARAFRA	90	3	20	01	0	1	ci	15.5	25	1	21
	432	DAKHLA	00	0	20	02	0	0	—	14.0	30	-2	12
	435	KHARGA	330	1	20	02	0	0	—	12.4	29	5	22
Red Sea	450	SUEZ		2	50	01	0	3	cu	14.7	22	-1	21
	459	TÔR											
	462	HURGHÂDA	10	21	20	01	0	1	ci	13.4	23	5	32
	465	QUSEIR	280	6	15	01	1	3	cu	15.7	22	0	23
	641	PORT SÛDÂN	60	13	20	01	0	1	Sc	12.4	28	14	42
North Sudan	600	WÂDI ḤALFA	350	5	14	02	0	0	—	13.6	31	0	13
	640	ABU ḤAMAD	280	5	24	02	2	7	cs	9.7	33	-3	10
	660	KAREIMA	30	3	30	02	0	1	ci	10.3	32	-8	7
	680	'AṬBARA	340	7	30	02	0	0	—	7.8	34	-5	8
	721	KHARṬOÛM	50	7	20	03	0	1	ci	7.2	34	-8	6
	730	KASSALA	20	2	20	02	0	0	—	4.9	37	2	11
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	5	20	02	0	0	—	7.2	37	8	17
	802	ROSEIRES	310	5	20	02	0	8	ci	3.8	38	3	11
	771	EL OBEID	20	5	30	03	1	4	cs	6.9	33	-9	6
	760	EL FASHER	130	3	40	02	2	7	cs	6.3	34	-4	9
	770	GENEINA	200	1	50	01	2	5	cs	6.0	35	-7	7
S. Sûdân	840	MALAKÂL	80	10	20	02	2	8	cs	5.5	37	-4	7
	880	WÂU	20	6	20	01	2	1	ci	4.5	37	8	17
	941	JUBA	90	1	24	01	1	4	cu, ci	4.8	33	7	20

At 1800 on 22 th.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C.	Dew Point °C.	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	02	2	7	Sc, As	14.9	17	12	19	-7	78	0
SÎDI BARRÂNI	60	18	15	02	1	4	Ac, As	14.7	16	10	18		68	0
MATRÛH (A)	40	8	12	01	1	4	cs	15.8	15	9	20		68	0
EL DAB'AA	360	4	20	00	0	0	—	16.0	16	10	20		68	0
ALEXANDRIA	300	8	20	01	0	0	—	17.2	16	10	21	-3	68	0
ALEXANDRIA (A)	340	12	12	01	2	3	Sc	16.7	16	11	21	-3	72	0
DAMIETTA	320	2		00	0	0	—	16.3	17	12	19	-5	72	0
PORT SA'ÎD (A)	350	9	16	01	1	0	—	16.5	17	10	23	0	64	0
EL 'ARISH														
DAMANHÛR	330	2	10	02	0	2	ci	16.7	15	9	22	-6	68	0
MANṢÛRA	340	3		00	0	0	—	16.3	17	9	23	-6	60	0
ṬANṬA	310	4	17	02	0	0	—	17.2	15	6	23	-6	55	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	16.2			23			0
ZAGAZIG	320	1	10	01	1	0	—	16.1	18	13	24	-5	73	0
ISMA'ILÎA														
CAIRO (A)	10	3	12	01	1	1	ci	16.1	19	8	23		35	0
CAIRO ALMÂZA (A)	360	5	15	01	0	0	—	16.0	19	3	24	-5	35	0
CAIRO EZBEKÎYA											27	-3		
GIZA	00	0	10	02	0	2	ci	16.7	16		24	-6	52	0
ḤELWÂN	00	0	10	02	1	4	ci	16.0	19	1	22	-8	30	0
FAYOÛM	360	4	20	01	0	0	—	16.3	17	8	24	-7	56	0
MINYA (A)	40	5	7	02	0	0	—	15.1	18	4	25	-6	40	0
AṢYOÛṬ (A)	00	0	10	02	0	1	ci	15.5	20	2	26	-6	30	0
NAG' ḤAMÂDI	00	0		00	0	2	Ac, ci	14.7	21	10	31	-2	50	0
QENA	00	0		00	0	0	—	14.0	23	1	29	-7	24	0
LUXOR (A)	00	0	12	02	0	0	—	13.2	22	10	30		47	0
ASWÂN	330	5	12	02	0	0	—	12.5	27	-2	33	-3	15	0
SÎWA	130	10	15	01	2	2	ci	13.2	21	-2	24	-7	21	0
BAḤARÎYA	00	0	10	01	0	0	—	15.3	19	7	25	-7	46	0
FARAFRA														
DAKHLA	70	4	8	02	0	0	—	13.9	25	-1	31	-4	18	0
KHARGA	10	3	9	02	0	0	—	12.2	24	0	30	-5	21	0
SUEZ	00	0	10	01	0	0	—	16.4			24	-5		0
TÔR														
HURGHÂDA	320	12	12	02	0	0	—	14.7	20	8	24	-2	46	0
QUSEIR	350	8	20	01	0	0	—	14.5	22	11	25	-3	50	0
PORT SÛDÂN	340	7	20	02	0	0	—	13.9	26	14	29		51	0
WÂDI ḤALFA	20	4	20	01	0	0	—	12.3	27	0	32		17	0
ABU ḤAMAD	360	5	24	02	0	0	—	10.8	27	-5	33		12	0
KAREIMA	70	4	21	02	0	0	—	10.6	28	-9	33		51	0
'AṬBARA	360	6	20	02	0	0	—	9.1	28	0	35		16	0
KHARṬOÛM	360	7	20	02	0	1	ci	5.2	30	0	36		14	0
KASSALA	360	1	20	02	0	0	—	7.0	29	2	37		18	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	40	5	30	01	0	0	—	8.0	26	-9	34		9	0
EL FASHER	60	8	50	02	1	0	—	6.6	29	-5	35		11	0
GENEINA	60	2	50	01	2	1	cs	5.7	31	-3	37		11	0
MALAKÂL	110	5	20	03	2	7	cs	6.5	28	4	38		22	0
WÂU	00	0	20	01	0	0	—	5.1	30	11	38		31	0
JUBA	330	1	24	03	1	3	Ns, ci	5.2	28	19	35		58	0

At 0600 on TUESDAY 23 rd. APRIL 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb °C.	Dew Point °C.	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	120	12	18	02	2	8	As	14.1	-0.4	17	14	16	+2	83	dr	357	
SÎDI BARRÂNI	130	15	10	00	0	8	Ac, As	14.9		16	12	14		77	0	354	
MATRÛH (A)	90	12	16	02	2	6	ci	15.6	+1.7	17	10	13		64	0	364	
EL DAB'AA	110	8	10	00	0	7	cs	15.4		16	10	11		68	0	303	
ALEXANDRIA	130	6	10	03		7	cu, Ac	17.5	+3.2	16	10	13	-3	68	0	283	128
ALEXANDRIA (A)	140	4	12	02	2	8	Sc, Ac	17.0	+1.6	16	12	11	-3	77	0	255	138
DAMIETTA	180	2		03	0	7	cu	17.2	+2.9	18	11	10	-5	64	0	335	103
PORT SA'ÎD (A)	140	8	14	03	0	6	Ac	17.2	+2.2	15	11	14	-3	77	0		
EL 'ARISH																	
DAMANHÛR	40	2		03	0	6	St	16.8	+2.7	19	12	10	-3	64	0	140	47
MANṢÛRA	180	3		03	1	7		16.2	+1.9	17	12	10	-3	72	0	73	51
ṬANṬA	90	6	20	03	2			16.8	+2.4	16	11	9	-3	72	0	79	39
SHEBÎN EL KÔM	320	2	10	01	1	3	Sc	16.8		17	9	11		60	0	58	
ZAGAZIG	40	1	10	03	1	6	cu	16.3	+1.9	15	11	10	-2	77	0	53	26
ISMA'ILÎA																	
CAIRO (A)	110	9	16	03	2	6	Sc	16.5		20	6	13		41	0	48	
CAIRO ALMÂZA (A)	70	14	15	03	0	4	Ac, ci	16.3	+1.0	20	6	13	-2	41	0	53	
CAIRO EZBEKÎYA										19	10	12	-2	56	0	43	24
GIZA	340	5	10	01		3	As	16.6	+2.0	18	9	10	-1	56	0	58	24
ḤELWÂN	00	0	10	02	0	1	cs	16.7	+2.8	17	9	13	-2	60	0	36	27
FAYOÛM	20	4	20	02	1	4	Ac	16.7	+2.8	19	9	11	-3	52	0	16	8
MINYA (A)	170	4	8	02	0	0	—	16.2	+0.9	19	4	9	-4	37	0	2	
AṢYOÛṬ (A)	110	5	14	02	0	0	—	16.3	+2.1	20	-3	13	-2	21	0	dr	
NAG' ḤAMÂDI	00	0		01	0	2	Ac	15.6	+3.1	22	6	11	-4	36	0	1	
QENA	00	0	10	00	0	0	—	15.8	+3.9	22	6	14	-3	36	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	14.9	+2.7	22	10	14		47	0	0	
ASWÂN	350	6	12	02	0	0	—	14.1	+2.2	21	2	16	-4	29	0	8	
SÎWA	110	17	14	01	2	6	Ns, As	11.7	-3.4	18	4	15	+2	40	0	23	8
BAḤARÎYA	110	8	20	02	0	0	—	15.2	+0.7	18	9	13	-1	56	0	2	7
FARAFRA																dr	
DAKHLA	120	5	20	02	0	0	—	14.4	+1.1	21	-3	14	-2	20	0	1	
KHARGA	10	1	12	02	0	0	—	13.1	+0.4	22	3	16	-1	29	0	3	
SUEZ	00	0	20	00	0	5	cu	16.4	+2.6	19	9	9	-7	52	0	36	16
TÔR																	
HURGHÂDA	330	9	22	00	0	0	—	16.3	+3.6	21	3	11	6	31	0	dr	
QUSEIR	320	9	20	02	0	0	—	15.0	+3.6	22	6	16	-5	36	0	dr	4
PORT SÛDÂN	350	12	20	02	0	0	—	13.5		28	13	17		40	0		
WÂDI ḤALFA	160	2	20	02	0	0	—	12.7			1	17			0		
ABU ḤAMAD	60	5	24	02	0	0	—	11.9		25	-1	18		18	0		
KAREIMA	110	2	21	02	0	0	—	11.8		25	9	19		36	0		
'AṬBARA	70	8	20	02	0	0	—	10.7		26	5	18		27	0		
KHARṬOÛM	20	13	24	02	0	0	—	10.1		26	-1	19		11	0		
KASSALA	00	0	20	02	0	0	—	8.7		27	8	17		30	0		
WÂD MEDANI	50	13	20	02	0	0	—	10.0		27	-12	19		7	0		
RENK	50	6	20	02	0	0	—	11.0		26	-7	17		11	0		
ROSEIRES	230		20	02	0	1	ci	8.8		25	3	17		24	0		
EL OBEID	40	12	20	03	0	2	ci	10.4		26	-12	17		7	0		
EL FASHER	330	6	40	02	1	7	cs	11.6		24	-3	15		17	0		
GENEINA	30	1	24	02	1	4	ci	11.8		22	-6	16		15	0		
MALAKÂL	70	5	20	01	2	1	cs	10.1		28	-5	19		11	0		
WÂU	00	0	20	02	0	0	—	8.9		23	15	19		61	0		
JUBA	150	8	24	03	0	4	Ac, ci	8.5		27	21	22		70	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Cairo(A)		Luxor		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4		23-4	
1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
80	10	30	16	20	11	40	20	60	17	10	6	80	25	90	40	80	12	120	10	180	14
80	8	30	11	40	6	90	22	50	12	350	10	100	22	130	26	90	24	150	13	180	18
100	9	40	9	30	10	160	22	140	5	340	11	130	17	160	17	100	17	160	16	230	23
100	8	20	7	30	13	240	4	170	9	330	6	120	17	200	9	190	8	150	16	240	26
120	7	60	7	30	15	300	21	280	14			250	51	240	29	260	14	240	23	230	31
120	9			360	16	290	20							230	18	280	21	240	16	240	27
						260	28							260	28						

Cairo(A)		Luxor		Aswan		Alex(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
23-4		23-4		23-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4	
2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
100	17	20	9	60	12	100	25	80	17	160	21	190	14	80	13	90	19	190	12	160	13
120	4	60	10	50	16	100	31	70	10	160	27	190	17	60	22	100	15	200	20	200	9
120	6	40	17	50	13	120	17	90	2	190	16	210	20			80	9	100	22	200	12
150	6	50	5	30	10	190	23	280	5	270	14	240	31			30	6	190	20	200	17
		50	9	30	10	220	29	260	16	260	22	250	61			20	10			210	17
		40	14	10	14			270	17	260	23										
		50	15	350	12																

Cairo(A)		Luxor		Aswan		Asyout		Sallum		Asyout		Luxor		Dakhla		Kharga		Hurghada			
24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4			
0500		0500		0500		0500		1100		1100		1100		1100		1100		1100			
DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
170	4	30	4	100	9	140	17	80	20	170	13	120	18	160	10	160	11	60	12		
170	5	220	3	40	15	80	38	100	22	170	10	100	11	170	13	160	23	50	9		
190	7	140	3	80	14	190	18	20	2	170	7	90	12			160	26	170	11		
210	11	140	5	80	16	190	12			180	11	80	11			170	31	140	6		
		130	9	40	10	190	15			210	13	80	15					200	5		
				40	12					210	13	70	23					220	3		
										210	19										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

						Matruh					Aswan										
						24-4					24-4										
						1200					1100										
TEMP. °C	HUM. %	WIND DIR.	WIND SPEED		ALT. m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
					25	22				111	38		110	6							
					83	23		180	17												
					1484	19		90	19	1567	23		60	8							
					3110	5		240	29	3190	5										
					5742	-16		240	43	5797	-15										
					7382	-29		240	59	7442	-28										
					9389	-42				9440	-43										
					12020	-55															

NOTES:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 24th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s) slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot Khamasin weather all over the Republic. Fresh SE^ly winds, strong at times with rising dust over Lower Egypt, Cairo and N. coast. Medium and high clouds increasing with light rain on the N. coast in the west. In Upper Egypt: Moderate to fresh S^ly winds. Medium and high clouds. Rising dust in the Northern part.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 . 19 U.T. / Sunset 16 . 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 23th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	70	16	18	50	5	8	Sc, AS	14.4	18	16	88
	303	SÎDI BARRÂNI	80	21	14	02	2	8	AC	13.5	18	14	78
	306	MATRÛH (A)	80	22	18	02	5	7	AC, AS, CS	13.8	21	10	50
	309	EL DAB'AA	20	16	20	00	0	7	Ci	13.9	20	11	56
	319	ALEXANDRIA	40	14	20	02	1	7	AC, AS	15.3	20	11	56
	318	ALEXANDRIA (A)	360	10	12	03	2	8	AC, AS	15.9	22	12	53
	330	DAMIETTA	140	5	20	02	2	7	AC	16.3	22	10	47
	333	PORT SA'ÎD (A)	60	13	20	03	1	5	AS, Ci	16.0	21	12	57
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	160	2	18	02	1	8	AS	16.0	24	9	38
	342	MANSÛRA	90	5		01	1	3	AC	15.4	25	7	32
	348	TANTA	00	0	20	03	2	8		15.6	25	7	32
	360	SHEBÎN EL KÔM	320	5	20	00	0	0	—	15.4	25	2	22
	354	ZAGAZIG	40	1	20	02	0	0	—	14.9	26	12	42
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	110	4	20	03	0	5	CS	13.8	28	5	23
	372	CAIRO ALMÂZA (A)	50	4	20	02	1	8	CS	13.7	28	0	16
	374	CAIRO EZBEKÎYA											
	375	GIZA	290	3	10	02	—	8	AS	13.4	28	6	25
	378	HELWÂN	00	0	10	03	1	4	Cc	13.5	28	0	16
Upper Egypt	381	FAYOÛM	90	4	20	02	2	6	CS	13.5	29	5	22
	387	MINYA (A)	50	1	8	03	0	1	Ci	13.2	30	-1	13
	393	ASYOÛT (A)	00	0	14	02	0	0	—	13.0	30	-19	4
	399	NAG' HAMÂDI	00	0	10	00	0	0	—	12.7	31	3	17
	402	QENA	00	0	20	00	0	0	—	13.5	31	3	17
	405	LUXOR (A)	20	2	22	02	0	0	—	12.7	32	4	17
	414	ASWÂN	320	8	16	02	0	0	—	10.8	34	-3	9
Oases	417	SIWA	120	25	7	07	2	7	AC, AS	8.7	30	6	14
	420	BAHARÎYA	130	10	20	02	2	6	CS	12.5	29	8	27
	423	FARAFRA	140	9	13	03	0	2	Ci	10.3	37	0	12
	432	DAKHLA	170	12	15	02	0	0	—	11.8	34	5	16
	435	KHARGA	00	0	20	02	0	0	—	10.7	34	3	14
Red Sea	450	SUEZ	180	8	50	02	0	5	Cu	14.4	27	2	20
	459	TÔR											
	462	HURGHÂDA	50	9	22	02	0	0	—	15.4	24	11	44
	465	QUSEIR	10	8	20	00	0	0	—	15.2	24	12	47
	641	PORT SÛDÂN	40	18	10	07	0	0	—	11.5	29	18	52
North Sudan	600	WÂDI HALFA	30	13	20	02	0	0	—	9.5	32	-2	11
	640	ABU HAMAD	70	5	24	02	0	0	—	7.6	35	-1	10
	660	KAREIMA	100	12	20	02	0	0	—	7.9	36	1	11
	680	'ATBARA	360	8	20	02	0	0	—	5.3	37	-2	8
	721	KHARTOÛM	30	8	24	02	0	0	—	5.1	37	0	10
	730	KASSALA	40	4	20	02	0	0	—	2.6	39	5	12
Central Sudan	751	WÂD MEDANI	50	9	20	02	0	1	Ci	3.8	38	-1	9
	801	RENK	310	5	20	02	0	0	—	5.5	39	-3	7
	802	ROSEIRES	310	5	20	02	0	2	Ci	1.9	40	4	11
	771	EL OBEID	40	5	18	06	0	0	—	4.4	35	-13	4
	760	EL FASHER	60	5		02	0	2	Cc	4.6	35	3	13
	770	GENEINA	240	3	50	02	0	1			36	0	10
S. Sûdân	840	MALAKÂL	10	7	20	02	0	2	CS	4.2	38	-6	6
	880	WÂU	110	6	20	03	0	1	Cu	2.9	39	6	13
	941	JUBA	270	3	20	15	9	7	Cb, AC	6.7	25	23	89

At 1800 on 23th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	140	24	12	02	2	6	Sc, AS	9.9	18	15	20	-6	83	dr
SÎDI BARRÂNI	100	22	10	01	2	8	AC	9.6	17	11	20		68	0
MATRÛH (A)	100	16	10	01	2	8	AC, AS	12.9	17	10	21		64	dr
EL DAB'AA	20	18	20	00	0	6	AC	14.1	17	13	21		77	0
ALEXANDRIA	90	16	20	03	1	8	CS	15.2	18	15	23	-1	83	0
ALEXANDRIA (A)	60	15	12	02	2	7	AC, AS	14.9	18	14	22	-2	78	0
DAMIETTA	40	5		02	2	7	Sc	16.6	18	14	22	-2	78	0
PORT SA'ÎD (A)	50	15	18	01	2	6	AC, AS	16.0	18	13	22	-1	73	0
EL 'ARISH														
DAMANHÛR	160	9		01	2	2	Ci	15.1	19	12	25	-3	64	0
MANSÛRA	40	3		00	0	0	—	15.9	19	11	26	-3	60	0
TANTA	40	6	10	03	2	6	CS	15.9	19	10	26	-3	56	0
SHEBÎN EL KÔM	290	2	10	01	1	2	Sc, Cu	15.1	19	7	26		46	0
ZAGAZIG	220	1	10	02	0	0	—	14.9	20	13	26	-3	64	0
ISMA'ILIA														
CAIRO (A)	100	18	12	01	2	3	AS	14.7	21	5	28		35	0
CAIRO ALMÂZA (A)	40	16	12	02	2	5	Ci	14.4	22	6	30	0	36	0
CAIRO EZBEKÎYA											30	0		
GIZA	90	7	10	01	2	4	Cc	14.2	22	9	29	-1	44	0
HELWÂN	20	9	4	05	1	4	Cc	13.9	23	-3	29	-1	18	0
FAYOÛM	360	4	20	01	0	0	—	13.3	23	7	31	0	36	0
MINYA (A)	50	2	7	02	0	1	Ci	12.7	22	5	30	-1	33	0
ASYOÛT (A)	90	2	12	02	0	0	—	12.5	26	-4	31	-1	14	0
NAG' HAMÂDI	00	0	4	00	0	0	—	13.5	23	5	33	0	32	0
QENA	00	0		00	0	0	—	13.4	23	8	32	-4	38	0
LUXOR (A)	360	2	12	02	0	0	—	12.4	25	6	33		30	0
ASWÂN	350	5	12	02	0	0	—	11.3	30	1	35	-2	16	0
SIWA	80	16	9	02	2	8	NS, AS	7.9	29	4	33	+2	20	0
BAHARÎYA	110	6	10	01	1	0	—	11.1	26	6	30	-2	28	0
FARAFRA	160	2	12	01	0	1	Ci	9.3	26	-3	36	[illegible]	16	0
DAKHLA	140	11	9	02	0	0	—	11.2	29	-7	35	0	9	0
KHARGA	00	0	8	02	0	0	—	10.0	23	8	35	0	38	0
SUEZ	00	0	10	01	0	0	—	14.7	21	7	27	-3	41	0
TÔR														
HURGHÂDA	130	3	12	02	0	1	Ci	15.1	22	14	25	-1	61	0
QUSEIR	320	6	20	01	0	0	—	15.1	22	11	25	-4	50	0
PORT SÛDÂN											32			0
WÂDI HALFA											36			0
ABU HAMAD											37			0
KAREIMA											37			0
'ATBARA											38			0
KHARTOÛM											38			0
KASSALA											39			0
WÂD MEDANI														
RENK											39			
ROSEIRES											41			0
EL OBEID											37			0
EL FASHER											37			0
GENEINA														
MALAKÂL											39			0
WÂU											38			0
JUBA											33			5

At 0600 on WEDNESDAY 24th APRIL, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Rainfall Total	Rainfall Normal
SALLOÛM	180	24	18	02	2	7	Sc	8.8	-4.8	18	16	16	+2	88	dr	257	
SÎDI BARRÂNI	100	28	10	00	0	7	Sc, AC	8.1		19	15	16		78	0	254	
MATRÛH (A)	90	31	16	01	8	4	Cu, AC, Ci	9.7	-4.8	18	14	18		78	0.5	265	
EL DAB'AA	110	22	10	00	0	7	CS	11.9		19	14	16		73	0	263	
ALEXANDRIA	90	12	20	02	1	8	CS	14.0	-0.2	18	13	16	0	73	0	283	183
ALEXANDRIA (A)	100	12	12	02	2	8	Sc, AS	13.6	-1.8	19	15	16	+2	78	0	255	138
DAMIETTA	70	5		02	2	7	AC	14.8	+0.8	20	17	16	+1	83	0	235	103
PORT SA'ÎD (A)	180	18	10	02	2	7	AC, CS	14.6	-0.3	20	16	17	0	78	0		
EL 'ARISH																	
DAMANHÛR	110	9	4	03	1	6	AS	13.4	-0.7	20	15	15	+2	73	0	140	97
MANSÛRA	90	5		03	1	8	AS	13.9	-0.4	19	15	15	+2	78	0	73	51
TANTA	90	11	20	03	2	8	AS	13.8	-0.6	20	12	14	+2	60	0	79	39
SHEBÎN EL KÔM	320	2	10	01	1	3	Sc	13.5	-0.9	19	9	14		52	0	58	
ZAGAZIG	40	2	10	02	0	0	—	13.8	-0.6	17	11	14	+2	68	0	53	26
ISMA'ILIA																	
CAIRO (A)	80	10	14	02	2	7	AC, AS	12.3		22	1	18		25	0	48	
CAIRO ALMÂZA (A)	40	5	12	03	2	8	AC, CS	12.5	-2.7	23	3	16	+1	27	0	53	
CAIRO EZBEKÎYA										22	11	13	-2	50	0	43	24
GIZA	70	5	5	02	—	7	Cu, CS	13.1	-1.1	20	10	14	+2	53	0	53	24
HELWÂN	00	0	3	05	2	8	AC, CC	12.2	-1.5	22	6	16	+1	36	0	36	27
FAYOÛM	20	6	20	02	2	8	AC	13.1	-0.7	20	7	16	+2	43	0	16	8
MINYA (A)	160	3	8	01	2	5	AC, Ci	11.5	-3.7	23	2	14	+1	26	0	2	
ASYOÛT (A)	90	10	10	03	1	3	Ci	10.9	-2.2	26	-6	18	+2	12	0	dr	
NAG' HAMÂDI	00	0	4	01	0	0	—	13.5	+1.1	27	9	14	-1	33	0	1	
QENA	00	0	20	00	0	0	—	14.0	+2.2	28	7	14	-3	27	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	13.2	+1.1	24	5	15		30	0	0	
ASWÂN	00	0	10	02	0	0	—	12.5	+0.6	25	8	19	-2	34	0	8	
SIWA	160	7	6	07	6	7	NS, AS	4.7	-10.3	31	10	24	+11	28	0.1	24	8
BAHARÎYA	180	2	20	02	2	7	AC, AS	10.6	-3.8	24	8	18	+4	36	0	2	7
FARAFRA	00	0	15	03	0	1	Ci	10.5		23	0	15		22	0	dr	
DAKHLA	110	9	17	03	0	3	Ci	11.8	-1.5	26	-4	18	+2	14	0	1	
KHARGA	00	0	15	03	0	3	Ci	10.2	-2.4	25	8	15	-2	34	0	3	
SUEZ	00	0	20	00	0	5	Cu	13.3	-0.4	22	11	12	-4	50	0	36	16
TÔR																	13
HURGHÂDA																dr	
QUSEIR	00	0	20	03	0	0	—	14.6	+2.9	25	15	17	-4	54	0	dr	4
PORT SÛDÂN	330	13	20	03	0	1	Sc	12.7		27	19	19		62	0		
WÂDI HALFA	00	0	20	03	0	1		11.4		26	5	19		27	0		
ABU HAMAD	70	2	24	02	0	0	—	10.9		27	6	19		17	0		
KAREIMA	100	1	22	02	0	0	—	10.3		26	5	21		27	0		
'ATBARA	50	5	20	03	0	1	Ci	9.2		27	2	19		20	0		
KHARTOÛM	20	8	20	02	0	2	Ci	8.7		26	1	22		20	0		
KASSALA	00	0	20	01	1	2	Ci	7.0		28	9	19		31	0		
WÂD MEDANI																	
RENK	50	5	20	02	0	2	Ci	8.2		28	2	22		19	0		
ROSEIRES	310	2	20	02	0	1	Ci	7.3		27	7	20		28	0		
EL OBEID	40	7	20	03	0	1	Ci	8.4		28	-12	16		6	0		
EL FASHER	180	3	50	02	2	7	CS	10.1		24	-5	13		15	0		
GENEINA	00	0	30	03	1	6	CS	11.3		22	-13	16		9	0		
MALAKÂL	00	0	20	02	2	7	CS	10.0		28	19	21		58	0		
WÂU	200	1	20	02	2	7	AC, AS	7.4		28	18	24		55	0		
JUBA	90	1	24	15	0	7	Cb, AC	10.6		24	21	23			5		

4 3345 30906 00609 99010 15017 00900 25702 05161 10822

SHIP REPORTS in code

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Asyout		Luxor		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4		24-4	
TIME	1700		1715		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	140	23	20	10	110	6	110	50	60	26	150	18	290	27	110	46	110	31	160	10	280	15
600 m	150	19	30	10	120	7	160	66	40	33	180	17	300	30	140	61	110	26	120	13	290	23
1000 m	180	16	30	7	100	8	170	43	30	20	180	20	290	31	180	63	140	17	160	19	280	21
1500 m	190	14	30	3	100	5					180	15			190	47	160	9	190	12	270	23
2100 m	210	17	70	3	100	10					200	18					220	21	210	11	280	35
2400 m	220	18									210	17					240	23			300	26
3000 m	220	18																				
4000 m																						
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	24-4		24-4		24-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	150	29	160	10	90	17	190	22	80	30	220	13	310	29	250	43	250	23	300	10	300	17
600 m	170	27	160	17	110	20	240	34	110	30	280	27	290	23	250	47	250	23	320	12	320	5
1000 m	180	23	140	28	110	32	250	30	120	23	310	13	290	30	250	49	240	32	330	10	320	7
1500 m	190	22	170	29	160	6			170	24	300	21	290	30			230	26	300	13	280	38
2100 m			200	6	150	3			210	24									280	19		
2400 m			170	13	240	3			190	26									270	17		
3000 m			210	16	170	4																
4000 m																						
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Matruh		Sallum		Matruh		Asyout		Luxor		Dakhla		Kharga		Hurghada	
DATE	25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4	
TIME	0500		0500		0500		0500		1100		1200		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	250	16	170	8	00	0	320	23	40	16	10	23	300	9	240	7	20	6	200	10	140	29
600 m	200	19	160	17	110	23	310	26	40	25	10	20	270	13	220	9	30	4	200	17	190	11
1000 m	180	27	150	28	120	18	290	29	40	19	350	18	270	6	220	9	130	4	220	13	190	9
1500 m	220	24	190	16	110	10			30	29	280	21	260	17	200	13			240	10	120	10
2100 m	230	33	220	11	300	4			20	37	260	26	300	8	200	17			220	21	260	26
2400 m			200	10	320	5					260	25	300	9	200	22						
3000 m			180	9	300	11					250	26	250	35								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION							Matruh				Aswan											
DATE							25-4				25-4											
TIME							1200				1100											
	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	20				111	42		190	6					
1000 mb						98	20		10	24										
950 mb																				
900 mb																				
850 mb						1486	19		280	21	1550	25		130	7					
800 mb																				
700 mb						3116	5		250	26	3193	6		80	8					
600 mb																				
500 mb						5757	-15				5818	-19		250	31					
400 mb						7410	-25				7142	-32								
300 mb						9434	-41				9417	-45								
200 mb						12110	-51				12060	-59								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (UT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT — CAIRO

DATE THURSDAY 25th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour.
45	" , " not "	no change during preceding hour.
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Ca Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Ci Cumulonimbus
Fc Fracto cumulus
Fs Fracto stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering half sky or less
1 Cloud covering more than half sky during part of the period
2 Cloud covering more than half sky through out the period
3 Sandstorm or duststorm
4 Fog or haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower
9 Thunderstorm with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather in Lower and Middle Egypt owing to the passage of a cold front. Moderate to fresh NW'ly winds. Low and medium clouds with scattered rain.

In the extreme Upper Egypt: weather remains too hot.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 19 U.T. / " " Sunset 16 28 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	90	17	18	02	0	1	Ac	7.1	21	16	74
	303	SÎDI BARRÂNI	90	20	8	07	0	0	—	6.8	22	15	65
	306	MATRÛH (A)	80	30	15	02	2	6	Ci	9.0	23	12	50
	309	EL DAB'AA	20	18	20	00	0	7	Ac	9.7	23	15	61
	319	ALEXANDRIA	90	13	20	02	6	8	Cs	11.9	26	14	48
	318	ALEXANDRIA (A)	80	16	12	02	6	7	Ac	11.6	26	13	45
	330	DAMIETTA	20	5	10	02	2	7	Sc	13.6	22	16	69
	333	PORT SA'ÎD (A)	60	18	12	02	2	7	Ac	13.1	21	17	78
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	9	10	20	2	8	As	11.4	26	14	48
	342	MANṢÛRA	90	7		03	2	8	Ns	11.8	27	9	33
	348	ṬANṬA	90	14	20	03	6	8		11.0	29	12	27
	360	SHEBÎN EL KÔM	320	5	20	01	1	4	Sc	10.6	30	6	22
	354	ZAGAZIG	40	1		03	1	8	Cu	10.3	30	13	35
	441	ISMA'ILIA											
CAIRO AREA	366	CAIRO (A)	240	6	15	02	2	7	As, Ci	9.7	33	0	12
	372	CAIRO ALMÂZA (A)	180	9	15	02	2	8	Ac, Cs	9.9	33	2	14
	374	CAIRO EZBEKÎYA											
	375	GIZA	180	2	10	01	2	6	Ac	10.6	32	6	20
	378	ḤELWÂN	00	0	4	05	2	6	Ac	10.0	34	3	14
UPPER EGYPT	381	FAYOÛM											
	387	MINYA (A)	180	11	8	01	2	2	Ci	9.4	37	4	13
	393	AṢYOÛṬ (A)	150	12	14	02	0	1	Ci	9.5	38	-2	8
	399	NAG' HAMÂDI											
	402	QENA	00	0	20	00	0	0	—	10.7	37	6	14
	405	LUXOR (A)	120	6	22	02	0	0	—	9.7	37	2	11
	414	ASWÂN	60	12	12	02	0	0	—	8.5	39	-6	6
OASES	417	SÎWA	300	15	4	07	2	7	Ac	3.9	38	-3	7
	420	BAḤARÎYA	240	9		30	3			7.8	37	12	22
	423	FARAFRA											
	432	DAKHLA	170	9	9	02	0	0	—	8.8	39	-1	8
	435	KHARGA	180	10	8	03	2	5	Ci	7.4	39	-1	8
RED SEA	450	SUEZ	160	2	50	03	0	6	Cu	12.2	27	11	37
	459	TÔR											
	462	HURGHÂDA	100	10	20	03	0	6	Ci	12.6	28	11	35
	465	QUSEIR	30	7	20	02	0	0	—	13.2	26	14	48
	641	PORT SÛDÂN	50	15	16	05	0	1	Sc, Ac	10.5	29	19	55
NORTH SUDAN	600	WÂDI ḤALFA	110	7	20	03	1	6	Ci	6.8	39	6	13
	640	ABU ḤAMAD	70	2	24	02	0	2	Ci	5.0	39	-5	6
	660	KAREIMA	90	5	21	03	0	1	Ci	4.8	37	2	11
	680	'AṬBARA	340	6	20	02	0	0	—	4.1	38	2	11
	721	KHARṬOÛM	30	5	20	00	0	1	Ci	3.7	39	2	10
	730	KASSALA	310	2	20	02	0	0	—	0.8	40	5	12
CENTRAL SUDAN	751	WÂD MEDANI	310	11	20	02	0	3	Cs	2.3	40	-6	5
	801	RENK	310	6	20	02	0	0	—	4.4	41	7	13
	802	ROSEIRES											
	771	EL OBEID	90	7	20	02	0	2	Ci	2.2	39	3	11
	760	EL FASHER	90	5	40	02	2	7	Cs	2.7	38	-4	7
	770	GENEINA	60	1	50	03	2	2	Cs	3.9	37	-9	5
S. SÛDÂN	840	MALAKÂL	30	6	20	02	2	2	Cu, Ac, As	3.8	39	18	21
	880	WÂU											
	941	JUBA	180	2	20						27	21	90

At 1800 on 24th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	40	18	12	02	2	6	St	6.5	19	14	23	-3	73	0
303	SÎDI BARRÂNI	90	23	8	02	3	6	Sc	5.4	19	15	22		78	dr
306	MATRÛH (A)	90	20	12	02	0	0	—	6.9	20	13	24		64	0
309	EL DAB'AA	40	20	20	00	0	5	Ac	8.8	20	15	25		73	0
319	ALEXANDRIA	130	18	20	01	5	0	—	9.3	21	12	26	+2	57	dr
318	ALEXANDRIA (A)	120	19	10	01	2	4	Ac	9.0	21	12	28	+4	57	dr
330	DAMIETTA	70	9		02	2	7	Ac	13.1	20	13	23	-1	64	0
333	PORT SA'ÎD (A)	80	23	14	01	2	3	Ac	12.4	20	14	23	0	69	0
336	EL 'ARISH														
339	DAMANHÛR	40	9		02	2	6	As	11.0	21	12	27	-1	57	0
342	MANṢÛRA	40	5		03	2	8	Ns	11.5	21	10	27	-2	50	0
348	ṬANṬA	130	7	10	03	6	8		11.0	22					dr.
360	SHEBÎN EL KÔM	350	5	10	03	1	3	Sc	10.2	22	9			44	0
354	ZAGAZIG	40	2	10			7	Cu	9.9	22	15	31	+2	61	0
441	ISMA'ILIA														
366	CAIRO (A)	60	18	12	02	2	7	As, Ci	9.6	26	9	35		36	0
372	CAIRO ALMÂZA (A)	40	18	10	01	2	6	As	9.5	26	10	35	+5	37	0
374	CAIRO EZBEKÎYA											35	+5		
375	GIZA	80	12	8	01	1	3	Ac	9.1	26	8	34	+4	32	0
378	ḤELWÂN	360	9	10	01	2	6	Ac	8.2	30	-4	35	+5	11	0
381	FAYOÛM	240	4	20	02	2	7	Ac	8.0	26	13	36	+5	45	0
387	MINYA (A)	150	6	7	01	0	1	Ci	8.1	26	8	38	+7	32	0
393	AṢYOÛṬ (A)	140	8	12	02	0	0	—	8.5	31	-2	38	+6	11	0
399	NAG' HAMÂDI	00	0	4	01	0	3	Ac	10.0	26	10	36	+3	37	0
402	QENA	00	0		00	0	0		10.4	28	10	39	+3	33	0
405	LUXOR (A)	40	4	12	02	0	0		9.3	30	6	39		22	0
414	ASWÂN	00	0	12	02	0	0	—	8.1	35	1	41	+4	10	0
417	SÎWA	310	12	6	01	1	0	—	4.0	32	4	38	+7	17	0
420	BAḤARÎYA	240	9		30	3	9		6.0	32	11	37	+5	28	0
423	FARAFRA	200	4	6	07	2	8	Cs	4.9	36	-2	40		9	0
432	DAKHLA	180	11	8	02	0	0	—	8.8	33	-1	39	+4	11	0
435	KHARGA	00	0	6	02	0	0	—	7.5	27	1	40	+5	19	0
450	SUEZ	00	0	10	01	0	0	—	11.1	24	3	28	-2	26	0
459	TÔR														
462	HURGHÂDA	140	4	10	02	2	7	Ci	12.5	24	18	28	+2	69	0
465	QUSEIR	00	0	20	02	0	0	—	12.8	23	15	27	-2	61	0
641	PORT SÛDÂN	330	4	20	02	0	0	—	10.1	26	22	30		79	0
600	WÂDI ḤALFA	30	6	20	01	1	1	Ac	7.3	33	2	39		14	0
640	ABU ḤAMAD	00	0	24	02	0	0	—	5.4	31	-5	39		9	0
660	KAREIMA														
680	'AṬBARA	30	1	20	02	0	0	—	4.5	32	5	39		18	0
721	KHARṬOÛM	360	5	20	02	1	4	Ci	4.1	33	5	40		17	0
730	KASSALA	340	5	20	01	0	0	—	3.2	32	-7	41		8	0
751	WÂD MEDANI											41			
801	RENK											31			
802	ROSEIRES											42			
771	EL OBEID	40	3	20	01	1	1	Ci	3.6	29	2	39		18	0
760	EL FASHER											39			
770	GENEINA	00	0	50	01	1	2	Ci	4.6	31	-3	38		11	0
840	MALAKÂL	300	2	20	01	2	7	Cs	4.7	32	16	40		38	0
880	WÂU	00	0	20	13	9	7	Ac, Ci	5.9	26	19	38		76	0.4
941	JUBA	00	0	24	13	2	6	Cb, Ac	6.7	26	25	30		94	40

At 0600 on THURSDAY 25th APRIL 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	20	18	18	02	2	8	Sc	11.1	-2.4	17	15	16	+2	88	0	257	
303	SÎDI BARRÂNI	10	22	12	00	0	8	Sc	8.5		18	16	16		88	dr	264	
306	MATRÛH (A)	330	20	16	03	0	6	Ns	6.7	-7.7	19	16	13		83	0.2	265	
309	EL DAB'AA	250	15	10	00	0	3	Ci	4.1		19	14	14		73	0	203	
319	ALEXANDRIA	220	11	20	02	5	0	—	4.7	-9.5	22	11	18	+2	50	dr	283	183
318	ALEXANDRIA (A)	200	12	10	05	0	0	—	4.4	-10.9	24	9	19	+5	38	dr	255	138
330	DAMIETTA	110	9		02	2	7	Ac	7.4	-6.6	22	15	18	+3	65	0	235	103
333	PORT SA'ÎD (A)	100	27	10	03	1	6	Sc	6.6	-8.2	22	14	19	+2	61	0		
336	EL 'ARISH																	
339	DAMANHÛR	230	9	10	03	5	3	Ci	4.7	-9.4	28	10	17	+4	33	dr	140	98
342	MANṢÛRA	90	5		01	1	5		5.6	-8.7	23	10	18	+5	44	0	73	51
348	ṬANṬA	160	6	20	03	2	8		6.2	-8.1	26	8	17	+5	32	dr	79	29
360	SHEBÎN EL KÔM	200	2	10	01	1	2	As	6.0	-8.4	24	9	18		38	0	58	
354	ZAGAZIG	140	1	10	02	2	8	Sc	5.6	-8.8	22	12	16	+3	50	0	53	26
441	ISMA'ILIA																	
366	CAIRO (A)	220	20	10	02	2	7	Sc, Cu	5.6		30	-2	24		12	0	48	
372	CAIRO ALMÂZA (A)	160	27	6	07	2	8	Ac, Cs	6.2	-8.9	29	1	24	+9	17	0	53	
374	CAIRO EZBEKÎYA										28	2	21	+6	19	0	43	24
375	GIZA	200	10	8	01		2	Ac	6.7	-7.4	26	6	17	+5	28	0	53	24
378	ḤELWÂN	160	7	10	02	2	6	Ac	7.4	-6.3	27	2	24	+9	20	0	36	27
381	FAYOÛM	240	6	20	02	2	6	Ac	7.8	-6.0	30	10	21	+7	29	0	16	8
387	MINYA (A)	140	5	7	03	0		Ac	8.5	-6.6	28	8	20	+7	29	0	2	
393	AṢYOÛṬ (A)	190	11	14	02	0	2	Ci	9.1	-3.9	32	-10	27	+11	6	0	dr	
399	NAG' HAMÂDI	00	0		01	0	3	Ac	9.3	-3.1	27	17	19	+4	55	0	1	
402	QENA	00	0				0	—	9.9	-1.8	30	8	18	+3	25	0	dr	
405	LUXOR (A)	00	0	22	02	0	2	Cs	9.5	-2.5	28	5	18		23	0	0	
414	ASWÂN	00	0	12	03	0	1	Ac	9.7	-2.1	28	2	21	0	19	0	8	
417	SÎWA	340	25	9	02	1	8	As	8.4	-6.6	19	13	19	+6	68	0	24	8
420	BAḤARÎYA	240	3		02	3	9		8.6	-5.8	29	14	15	+1	40	0	2	7
423	FARAFRA	10	3	10	06	2	7	Ac	9.7		28	5	25		23	0	dr	
432	DAKHLA	00	0	9	03	0	5	Cs	10.4	-2.8	29	7	21	+5	25	0	1	
435	KHARGA	00	0	7	02	0	0	—	7.6	-4.9	28	4	18	+1	22	0	3	
450	SUEZ	180	5	20	00	0	0	—	8.6	-5.1	24	16	17	+1	61	0	36	16
459	TÔR																	
462	HURGHÂDA																dr	
465	QUSEIR	00	0	20	02	1	6	As, Cs	10.2	1.4	28	4	20	+1	22	0	dr	4
641	PORT SÛDÂN	360	6	20	02	0	0	—	11.1		29	7			25			
600	WÂDI ḤALFA	00	0	20	03	0	0	—	9.2		28	4	21		22	0		
640	ABU ḤAMAD	00	0	24	02	0	1	Ci	8.2		28	2	20		19	0		
660	KAREIMA																	
680	'AṬBARA	00	0	20	02	0	0	—	7.0		29	11	21		33	0		
721	KHARṬOÛM	350	4	17	05	1	3	Cs	6.4		29	1	17		23	0		
730	KASSALA	00	0	20	02	0	0	—	5.8		30	13	19		35	0		
751	WÂD MEDANI	50	9	10	02	0	1	Ci	7.4		28	2	19		19	0		
801	RENK	180	5	20	02	0	1	Cs	9.9		29	15	21		43	0		
802	ROSEIRES	310	9	20	02	0	1	Ci	7.4		33	11	21		26	8		
771	EL OBEID	360	5	20	03	2	6	Cs	7.2		29	-1	19		14	0		
760	EL FASHER	320	5	30	02	2	7	Cs	9.0		24	11	17		44	0		
770	GENEINA	70	1	50	03	1	5	Cs	9.9		23	-5	16		15	0		
840	MALAKÂL	210	5	20	02	2	7	Cs	9.3		29	18			52	0		
880	WÂU	200	3	20	02	0	1	Ac	7.2		27	19	24		62	0.4		
941	JUBA	70	7	10	95	6	8	St, Ac	13.1		21	20	21		94	42		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4		25-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	350	19	30	09	320	10	350	29	260	23	310	30	340	17	340	15	340	13	350	23	40	13
600 m	350	12	30	13	320	09	340	27	250	30	300	29	340	13	340	17	340	16	340	19	90	13
1000 m	40	10	20	17	300	10	310	30	240	34	300	26	340	12	330	17	360	21	320	21	70	06
1500 m	30	16			300	07	40	31	240	32	280	20	300	07	310	18	320	05	280	23	290	09
2100 m	40	17			330	01					250	15	280	23			300	17	280	33	290	15
2400 m					40	02					230	15									280	23
3000 m					120	04															270	23
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	25-4		25-4		25-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	20	05	340	15	[illegible]	17	340	11	330	16	360	09	360	16	350	20	320	06	330	04	270	07
600 m	10	10	340	15	40	13	350	19	340	23	360	13	10	23	360	09	330	15	340	04	180	02
1000 m	30	11	350	12	05	12	340	21	340	26	350	13	30	09	350	09	310	16	360	05	90	03
1500 m	360	09	350	15	10	12	280	08	60	06	340	17	70	04	290	20	280	11	10	09	20	06
2100 m	220	02	340	14	[illegible]	08	270	11	80	09			290	08			280	16			320	08
2400 m	210	05			290	01	240	09													290	15
3000 m	210	15					240	11													270	24
4000 m	210	23																				
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Salloum		Matruh		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4	
TIME	0500		0500		0500		1100		1200		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	280	12	330	15	300	16	330	13	330	9	330	4	10	13	350	03	340	11	10	08	330	28
600 m	340	12	340	19	10	23	320	13	320	9	340	8	360	9	10	03	350	15	360	13	310	26
1000 m	320	17	330	17	30	09	300	11	320	6	310	17	340	14	360	03	350	19	360	13	270	13
1500 m	280	29	340	21	10	04	300	14	290	8	290	13	300	16	70	10	330	11	350	38	250	15
2100 m	250	23	290	15	290	05			290	8			270	16	40	03	290	24			260	33
2400 m	210	30							260	9			300	18							260	38
3000 m									230	14			280	15								
4000 m									250	27												
5000 m									240	28												
6000 m									240	27												

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION					Matruh					Aswan								
DATE					26-4					26-4								
TIME					1200					1200								
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	20				111	38		360	20					
1000 mb						132	18		340	09										
950 mb																				
900 mb																				
850 mb						1507	02		290	08	1549	29		360	11					
800 mb																				
700 mb						3015	[illegible]		230	16	3220	12		210	6					
600 mb																				
500 mb						5701	-17		240	24	5927	-7								
400 mb						7341			250	27	7627	-19								
300 mb						9325	-44		250	70	9696	-35								
200 mb						11990			250	68	12410	-52								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 26th APRIL, 1967

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s) slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature about normal, but apparently cold weather during night. Low clouds by day over Lower Egypt and Cairo. Winds chiefly moderate NW½y.

In Upper Egypt: Clear sky. Gradual fall in temperature. Light to moderate N½y winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 17 U.T.; Sunset 16 29 U.T.

All Times are Universal Times (U.T. [...] hours slower than local time)

At 1200 on 25th.

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOUM	40	4	18	02	1	0	—	12.2	21	13	61
	305	SIDI BARRANI	40	15	14	02	1	0	—	11.3	20	14	69
	306	MATRUH	340	18	15	02	0	2	cu	10.3	20	14	69
	309	EL DABAA	320	12	20	00	0	6	Ac	7.7	21	16	74
	319	ALEXANDRIA	270	22	20	03	0	1	ci	6.3	22	15	65
	318	ALEXANDRIA (A)	270	28	10	02	0	1	ci	5.6	25	14	51
	330	DAMIETTA	250	13	20	07	2	3	Ac	5.4	32	8	22
	332	PORT SAID (A)	260	24	18	03	2	6	cs	4.5	32	13	32
	336	EL ARISH											
Lower Egypt	339	DAMANHUR	330	9	20	01	3	2	ci	4.7	31	4	31
	342	MANSURA	220	9		09	3	1		4.8	34	8	20
	348	TANTA	220	17	20	03	2	8		5.8	33	7	20
	360	SHEBIN EL KOM	220	19	3	07	3	6	As	5.3	34	10	18
	354	ZAGAZIG	220	2	20	03	1	6	As	5.9	35	20	42
	441	ISMAILIA											
Cairo Area	366	CAIRO (A)	290	25	7	07	2	6	Ac	5.2	35	-2	9
	372	CAIRO ALMAZA (A)	240	23	5	07	2	8	Ac, cs	5.9	35	5	15
	374	CAIRO EZBEKIYA											
	375	GIZA	190	16	5	01	0	2	Ac	6.6	35	6	16
	378	HELWAN	250	15	4	06	3	8	As	5.8	35	1	12
Upper Egypt	381	FAYOUM	270	8	20	02	2	8	Ac	6.3	36	6	15
	387	MINYA (A)	290	13	7	02	1	5	Ac, ci	8.4	37	0	8
	393	ASYOUT (A)	360	4	14	01	2	3	ci	7.9	37	-1	9
	398	NAG HAMADI	00	0	10	00	0	0	—	6.8	37	6	14
	402	QENA	220	6	20	03	1	6	Ac	7.5	41	4	10
	405	LUXOR (A)	200	8	22	02	2	4	cs	6.4	41	-2	7
	414	ASWAN	270	6	16	03	0	5	ci	4.9	44	0	7
Oases	417	SIWA	320	10	10	03	1	5	cs	10.1	24	12	35
	420	BAHARIYA	270	8		05	0	9		8.0	34	15	32
	423	FARAFRA	320	10	12	06	2	8	cs	9.9	34	4	15
	432	DAKHLA	350	10	14	02	1	0	—	8.4	38	5	13
	435	KHARGA	100	3	7	03	0	3	ci	5.8	40	2	10
Red Sea	450	SUEZ	180	5	50	02	0	5	cu	7.4	31	15	38
	459	TOR											
	463	HURGHADA	120	13	22	02	0	5	As	7.7	28	17	52
	465	QUSEIR	40	8	20	01	1	4	As, cs	8.7	27	20	59
	641	PORT SUDAN	70	8	20	02	0	0	—	8.3	31	15	38
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	90	2	21	02	0	0	—	2.7	40	1	9
	680	ATBARA	130	1	20	02	0	0	—	1.7	41	0	8
	721	KHARTOUM	350	4	20	02	1	5	ci	1.5	41	3	10
	730	KASSALA	180	2	20	02	2	7	cs	999.1	43	9	13
Central Sudan	751	WAD MEDANI	280	7	24	03	2	7	cs	07	41	0	8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	20	02	2	7	cs	1.7	39	3	11
	760	EL FASHER	60	10	20	02	2	7	cs	1.6	38	-1	9
	770	GENEINA	360	5	20	02	0	0	—	1.5	40	0	8
S. Sudan	840	MALAKAL	40	4	20	02	2	7	cu, cs	4.6	39	15	24
	880	WAU											
	941	JUBA											

At 1800 on 25th.

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms
Mediterranean	62300	SALLOUM	90	18	12	03	0	3	sc	14.5	17	14	24	-2	83	0
	305	SIDI BARRANI	350	19	12	02	0	4	sc	13.9	17	13	20		77	0
	306	MATRUH	310	13	12	02	0	0	—	12.7	17	14	22	-1	83	0
	309	EL DABAA	320	6	20	00	6	0	—	10.9	17	15	24		88	0
	319	ALEXANDRIA	360	11	8	03	0	7	cu, sc	10.2	18	16	22	-2	88	0
	318	ALEXANDRIA (A)	360	12	10	03	0	6	sc	9.8	18	16	26	+2	88	0
	330	DAMIETTA	320	2	4	01	0	0	—	6.9	20	18	33	+8	88	0
	332	PORT SAID (A)	210	11	12	02	0	0	—	6.8	20	18	34	+11	88	0
	336	EL ARISH														
Lower Egypt	339	DAMANHUR	310	9	4	03	0	4	As	8.8	20	17	33	+5	83	0
	342	MANSURA	270	5	4	00	3	0	—	7.8	22	14	34	+5	61	0
	348	TANTA	220	8	10	02	0	0	—	9.0	19	15	34	+4	78	0
	360	SHEBIN EL KOM														
	354	ZAGAZIG	220	2	10	02	0	0		8.9	22	15	34	+4	65	0
	441	ISMAILIA														
Cairo Area	366	CAIRO (A)	320	14	10	06	2	6	Ac	9.6	22	13	36		57	0
	372	CAIRO ALMAZA (A)	270	10	8	07	2	2	Ac	8.9	23	14	35	+5	57	0
	374	CAIRO EZBEKIYA											36	+6		
	375	GIZA	310	16	8	01	0	2	Ac	9.1	22		35	+5	61	0
	378	HELWAN	290	16	10	01	1	3	Ac	8.8	24	12	36	+6	47	0
Upper Egypt	381	FAYOUM														
	387	MINYA (A)	320	9	7	01	2	2	Ac	9.1	28	4	38	+6	22	0
	393	ASYOUT (A)	320	5	10	01	1	3	Ac	8.5	29	8	39	+7	27	•
	398	NAG HAMADI	00	0	4	01	0	3	Ac	7.9	29	12	40	+6	35	0
	402	QENA	00	0		00	0	0		8.0	32	6	41	+5	20	0
	405	LUXOR (A)	320	7	12	01	0	1	cs	5.3	34	3	42	+5	14	0
	414	ASWAN	340	5	12	03	2	7	cs	5.1	37	1	44	+7	11	0
Oases	417	SIWA	270	10	11	02	0	1	ci	10.6	26	10	30	-1	37	0
	420	BAHARIYA	320	3	4	01	1	0	—	9.1	26	14	35	+3	48	0
	423	FARAFRA	300	4	12	01	2	2	ci	11.2	28	8	36		29	0
	432	DAKHLA	350	15	8	01	0	1	ci	8.7	22	5	40	+5	33	0
	435	KHARGA	360	10	6	02	2	0	—	5.6	[illegible]	4	42	+7	15	0
Red Sea	450	SUEZ	00	0	10	01	0	0	—	9.5	31	7	34	+4	22	•
	459	TOR														
	463	HURGHADA	350	12	12	02	2	7	As, cs	8.4	25	17	29	+3	61	0
	465	QUSEIR	40	4	20	01	0	0	—	7.8	26	17	29	0	58	0
	641	PORT SUDAN	00	0	20	02	0	0		8.4	27	22	33		74	0
North Sudan	600	WADI HALFA	360	5	20	01	0	1	Ac	4.9	35	7	43		18	0
	640	ABU HAMAD	00	0	24	02	0	0	—	3.5	32	12	40		30	0
	660	KAREIMA	70	1	21	02	0	0	—	3.4	34	5	41		16	0
	680	ATBARA	00	0	20	02	0	4	ci	2.7	35	4	42		14	0
	721	KHARTOUM														
	730	KASSALA	00	0	20	01	2	5	cs	1.7	33	10	43		24	0
Central Sudan	751	WAD MEDANI											43			
	801	RENK											41			
	802	ROSEIRES											43			
	771	EL OBEID	00	0	20	01	2	1	ci	3.0	31	2	40		16	0
	760	EL FASHER	120	8	30	02	2	7	cs	2.7	34	-5	40		8	0
	770	GENEINA	00	0	50	01	0	1	cs	3.6	33	-1	40		11	0
S. Sudan	840	MALAKAL	240	6	20	01	3	7	cs	4.4	33	17	39		38	0
	880	WAU	130	2	20	18	2	2	cb, As, ci	4.8	22	19	37		46	0
	941	JUBA	00	0	24	13	1	3	cb, As, ci	7.0	25	23	31		89	6

At 0600 on FRIDAY 26th APRIL 1957

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Pressure Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOUM	[illegible]	7	12	02	2	8	[illegible]	14.7	+1.2	17	14	15	+1	83	0	257	
	305	SIDI BARRANI	350	7	14	00	0	8	sc	14.0		17	14	12		83	0	254	
	306	MATRUH	350	7	15	02	2	7	cu, sc	14.6		18	13	15		73	0	265	
	309	EL DABAA	[illegible]	8	10	02	0	0	—	14.1		19	14	15		73	0	203	
	319	ALEXANDRIA	360	10	20	01	1	0		[illegible]	-3.7	18	15	16	0	67	0	283	183
	318	ALEXANDRIA (A)	350	12	12	02	0	0		[illegible]	-2.6	19	16	16	+2	83	0	265	128
	330	DAMIETTA	[illegible]	5	[illegible]	[illegible]	0	0	—	[illegible]	[illegible]	20	15	16	+1	64	0	238	103
	332	PORT SAID (A)	[illegible]	15	12	02	0	0		12.5		20	14	18	+1	69	0		
	336	EL ARISH																	
Lower Egypt	339	DAMANHUR	220	2	10	02	0	1	ci	11.6	[illegible]	21	10	17	+4	50	0	140	98
	342	MANSURA	[illegible]	5		[illegible]	0	0		12.3	-1.9	20	3	16	+3	60	0	73	52
	348	TANTA	260	8	20	02	0	0	—	12.6	-1.8	21	14	14	+1	65	0	79	40
	360	SHEBIN EL KOM	[illegible]	2	10	00	0	0		12.8		19	14	15		73	0	58	
	354	ZAGAZIG	[illegible]	[illegible]	10	02	0	0		12.0	-1.7	19	16	13	0	83	0	53	26
	441	ISMAILIA																4	
Cairo Area	366	CAIRO (A)	[illegible]	5	12	01	[illegible]	[illegible]	cu	12.6		18	14	15		78	0	48	
	372	CAIRO ALMAZA (A)	[illegible]	9	10	02	0	1	St	12.2	-2.8	19	14	16	+1	73	0	53	
	374	CAIRO EZBEKIYA										18	15	16	+1	83	0	43	24
	375	GIZA	30	12	8	01		[illegible]	cu	13.2	-0.8	19	15	15	+3	78	0	53	24
	378	HELWAN	00	0	20	02	1	2	Ac	12.6	-1.0	19	14	16	+1	73	0	36	27
Upper Egypt	381	FAYOUM	350	4	20	01	1	2	Ac	13.1	-0.6	20	14	16	+2	69	0	16	8
	387	MINYA (A)	30	4	7	02	2	5	Ac, ci	12.4	-2.1	19	14	17	+3	73	0	2	
	393	ASYOUT (A)	310	8	10	02	0	7	Ac, cs	11.7	-1.3	22	12	20	+4	53	0	dr	
	398	NAG HAMADI	00	0	4	00	0	0	—	10.5	-1.8	27	9	16	+1	33	0	1	
	402	QENA	270	2	10	03	1	8	cs	10.0	-1.0	27	11	25	+7	37	0	dr	
	405	LUXOR (A)	330	4	12	02	0	7	Ac	9.9	-2.1	29	4	23		20	0	•	
	414	ASWAN	30	12	12	03	2	7	Ac	7.5	-4.2	30	3	26	+5			8	
Oases	417	SIWA	80	15	12	03	0	1	Ac	13.7	-1.2	17	12	15	+2	72	0	24	8
	420	BAHARIYA	40	5	4	02	2	7	Ac	13.1	-1.2	18	14	16	+2	78	0	2	7
	423	FARAFRA	360	11	12	03	2	8	cu, cs	13.1		20	11	17		56	0	dr	
	432	DAKHLA	00	0	14	03	0	8	cs	11.2	-2.0	27	12	26	+10	40	0	1	
	435	KHARGA	360	16	6	02	2	8	St	7.5	-5.0	25	10	24	+6	39	0	3	
Red Sea	450	SUEZ	360	4	20	00	0	4	cu	13.9	+0.3	21	16	15	-1	74	0	36	16
	459	TOR																	
	463	HURGHADA	330	22	6	10	0	8	sc	8.6	-3.8	26	14	22	+5	48	0	dr	
	465	QUSEIR	320	8	18	03	0	2	Ac	8.1	-3.5	30	5	22	+1	21	0	dr	4
	641	PORT SUDAN																	
North Sudan	600	WADI HALFA	30	7	18	02	0	0	—	6.2		29	4	22		20	0		
	640	ABU HAMAD	00	0	24	02	0	0	—	4.5		31	13	24		33	0		
	660	KAREIMA	90	1	21	02	0	1	ci	4.1		31	7	24		22	0		
	680	ATBARA	120	7	20	02	0	1	ci	3.9		31	16	23		41	0		
	721	KHARTOUM	10	3	20	02	0	0	—	2.6		31	5	26		19	0		
	730	KASSALA	180	3	20	02	0	0	—	3.3		33	16	23		36	0		
Central Sudan	751	WAD MEDANI	360	5	10	02	0	0	—	4.9		31	2	21		16	0		
	801	RENK	230	9	20	02	0	2	cs	7.8		33	20	25		47	0		
	802	ROSEIRES	230	5	20	02	1	3	cs	5.2		33	14	24		32	0		
	771	EL OBEID	230	3	20	02	1	4	ci	3.9		33	-7	23		7	0		
	760	EL FASHER	300	4	20	02	2	7	cs	7.1		27	-1	18		16	0		
	770	GENEINA																	
S. Sudan	840	MALAKAL	210	9	20	01	2	1	cs	7.6		30	19						
	880	WAU																	
	941	JUBA	200	3	24	03	1	5	Ac	8.9		25	20	22		74	6		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4		26-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	330	12	30	22	330	12	350	18	350	11	350	23	350	17	330	13	320	13	20	26	40	8
600 m	350	10	30	18	360	21	350	19	340	13	360	22	350	16	330	15	310	17	10	30	20	15
1000 m	340	15	80	4	10	16	330	17	320	8	350	22	360	17	340	14	310	15	360	28	360	17
1500 m	320	14	40	9	290	13	350	17	310	9	360	12			280	9	300	16	240	13	320	9
2100 m	310	9	270	12	250	9			290	10					290	15	290	12	300	4	270	4
2400 m			260	11					280	12					280	18	310	9	340	9	250	10
3000 m			290	18											280	25	280	6	270	31		
4000 m			260	29																		
5000 m																						
6000 m																						

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	26-4		26-4		26-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	350	16	10	11	360	22	320	12	320	9	20	23	30	13	310	10	310	9	330	18	320	4
600 m	340	10	360	8	360	19	340	18	330	12	10	18	20	18	320	11	280	10	330	28	310	5
1000 m	340	10	340	11	20	13	330	14	330	12	360	17	360	16			260	15	320	22	320	10
1500 m	350	17	310	9	360	17			240	9	360	20	350	17			270	13	320	24	320	12
2100 m	310	10	290	15	100	4			310	14			300	19			270	11			310	9
2400 m	310	10	280	13	40	2							300	16			260	10			310	11
3000 m			230	12	200	20							330	13			280	12			290	10
4000 m																	280	11				
5000 m																						
6000 m																						

STATION	Salloum		Cairo (A)		Aswan		Asyout		Luxor		Salloum		S. Barrani		Farafra		Dakhla		Kharga		Hurghada	
DATE	27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	12	360	9	350	17	330	7	320	9	30	9	330	13	340	12	360	15	350	15	340	25
600 m	340	12	360	2	350	12	40	24	340	15	320	6	320	16	270	4	340	42	20	7	330	28
1000 m	340	10	360	6	280	5	10	24	330	6			310	10	340	7	20	54	10	19	320	18
1500 m			20	7	250	24	340	18	340	21			240	11	90	10			20	20	310	23
2100 m							340	19	320	23			310	20	340	20			340	7		
2400 m									340	26					320	19			280	18		
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matrouh					Aswan										
DATE						27-4					27-4										
TIME						1200					1130										
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						50	20				111	34		360	12						
1000 mb						117	20		320	15											
950 mb																					
900 mb																					
850 mb						1499	12		320	12	1530	24		280	21						
800 mb																					
700 mb						3093	4		270	17	3186	11		260	17						
600 mb																					
500 mb						5736	-15		290	23	5809	-9									
400 mb						7383	-28		290	36	7570	-23									
300 mb						9375	-44		270	36	9565	-39									
200 mb						12020	-52		280	60											

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed in m/s knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 27th APRIL, 1907

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0	Cloud covering ½ sky or less
1	Cloud covering more than ½ sky during part of the period
2	Cloud covering more than ½ sky throughout the period
3	Sandstorm or duststorm
4	Fog or thick haze
5	Drizzle
6	Rain
7	Snow or rain and snow
8	Shower (s)
9	Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather and some low clouds by day; rather cold during night. Winds chiefly moderate NWly.

In Upper Egypt: No apparent change.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: (Time of Sunrise 03 16 U T; Sunset 16 30 U T)

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26th

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	20	10	18	02	2	7	Sc, AC	14.2	19	14	73
	303	SÎDI BARRÂNI	330	17	16	02	2	7	Sc, AC	13.8	20	14	69
	306	MATRÛH (A)	330	10	15	02	2	6	Cu, Sc	13.7	20	14	69
	309	EL DAB'AA	260	12	20	00	0	5	AC	12.7	20	13	64
	319	ALEXANDRIA	360	12	20	02	0	0	—	12.4	20	15	73
	318	ALEXANDRIA (A)	330	13	14	02	0	1	SC	12.3	21	15	69
	330	DAMIETTA	340	5	20	00	0	0	—	11.4	21	15	69
	333	PORT SA'ID (A)	330	12	20	02	0	0	—	11.4	21	15	69
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	360	2	20	02	0	0	—	12.0	26	12	42
	342	MANSÛRA	360	19				0	—	11.0	27	10	35
	348	ṬANTA	310	8	20	02	0	0	—	11.0	26	9	35
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	11.0	30	5	21
	354	ZAGAZIG	280	1	20	02	0	0	—	9.9	27	16	52
	441	ISMA'ÎLÎA											
Cairo Area	366	CAIRO (A)	20	8	20	02	0	0	—	9.5	27	8	30
	372	CAIRO ALMÂZA (A)	340	8	25	02	0	0	—	10.0	27	10	35
	374	CAIRO EZBEKÎYA											
	375	GIZA	50	7	10	03	0	1	Cu	10.4	27	13	42
	378	HELWÂN	360	8	10	02	0	0	—	9.4	27	11	37
Upper Egypt	381	FAYOÛM	20	6	20	02	0	0	—	9.6	29	11	33
	387	MINYA (A)	350	7	8	01	1	0	—	9.5	30	12	33
	393	ASYOÛT (A)	330	5	15	02	2	7	Cs	7.7	28	12	37
	399	NAG' HAMÂDI	00	0	10	01	0	3	AC	6.8	30	15	40
	402	QENA	00	0	20	02	1	8	Cs	6.2	34	9	22
	405	LUXOR (A)	20	6	15	02	2	8	Cs	6.4	34	6	18
	414	ASWÂN	340	18	8	07	3	5	AC	5.2	39	2	10
Oases	417	SIWA	180	5	14	03	0	3	Cu	12.0	28	10	33
	420	BAHARÎYA	40	3	10	02	0	0	—	9.7	29	15	43
	423	FARAFRA	360	7				2	AC	10.0	28	7	27
	432	DAKHLA	340	9	20	02	2	8	Cs	10.2	29	12	35
	435	KHARGA	360	8	6	02	2	8	St	6.4	32	11	28
Red Sea	450	SUEZ	360	5	20	01	0	0	—	12.2	27	11	37
	459	TÔR											
	462	HURGHÂDA	330	20	15	02	2	8	Sc, As	7.5	25	14	81
	465	QUSEIR	340	10	20	02	1	8	Cs	7.3	25	19	70
	641	PORT SÛDÂN	80	12	20	02	0	0	—	4.7	31	23	62
North Sudan	600	WÂDI HALFA	10	13	11	05	0	0	—	4.4	40	9	15
	640	ABU HAMAD	00	0	24	02	0	0	—	99.3	42	10	14
	660	KAREIMA	120	2	21	02	0	0	—	98.9	43	3	9
	660	'ATBARA	270	4	20	01	0	0	—	99.1	42	5	11
	721	KHARTOÛM	340	4	20	02	0	0	—	99.0	43	4	9
	730	KASSALA	280	2	20	03	0	2	Cu	97.3	43	9	13
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	5	20	02	1	0	—	98.0	41	11	17
	802	ROSEIRES	10	1	20	01	1	2	Cu	99.3	41	-5	5
	771	EL OBEID	210	7	30	02	2	7	Cs	0.5	29	-1	8
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	230	2	20	03	1	6	Cu, Cu	1.6	29	17	29
	880	WÂU	180	4	20	02	2	6	Cs	1.5	38	18	22
	941	JUBA	90	4	24	02	2	7	Cu, AC, Cu	4.7	32	21	52

At 1800 on 26th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	02	0	2	SC	14.0	17	13	21	-5	77	0
SÎDI BARRÂNI	340	20	12	01	1	4	Sc	13.7	17	13	20		77	0
MATRÛH (A)	300	12	15	01	2	5	Cu, Sc	13.5	17	13	21		77	0
EL DAB'AA														
ALEXANDRIA	360	12	20	02	0	0	—	12.8	17	13	21	-3	77	0
ALEXANDRIA (A)	350	6	12	02	0	0	—	12.2	17	14	22	-2	83	0
DAMIETTA	320	2		00	0	0	—	12.3	18	16	22	-2	88	0
PORT SA'ID (A)	350	10	18	02	0	0	—	11.0	19	16	24	+1	83	0
EL 'ARISH														
DAMANHÛR	330	2	10	02	0	0	—	12.3	17	13	26	-2	77	0
MANSÛRA	310	7	10	02	0	0	—	11.4	19	12	28	-1	64	0
ṬANTA	310	7	10	02	0	0	—	12.0	18					0
SHEBÎN EL KÔM	20	2	10	00	0	0	—	11.9	20	11			56	0
ZAGAZIG	140	1	10	02	0	0	—	10.9	20	15	28	-2	73	0
ISMA'ÎLÎA														
CAIRO (A)	20	12	12	02	0	0	—	10.5	22	8	28		41	0
CAIRO ALMÂZA (A)	30	17	20	02	0	0	—	10.4	22	10	28	-2	47	0
CAIRO EZBEKÎYA											29	-1		
GIZA	50	11	10	02	0	0	—	11.5	22	11	29	-1	50	0
HELWÂN	360	11	10	03	1	1	Cu	10.2	23	10	28	-2	44	0
FAYOÛM	20	4	20	02	0	0	—	9.3	23	12	30	-2	50	0
MINYA (A)	360	4	7	02	0	0	—	8.8	21	11	30	-2	53	0
ASYOÛT (A)	300	2	10	02	6	3	AC	7.6	25	12	30	-3	45	0
NAG' HAMÂDI	00	0		01	0	2	AC	7.5	26	12	33	-1	42	0
QENA	00	0		02	1	8	CS	7.1	28	13	35	-2	40	0
LUXOR (A)	00	0	10	02	1	8	CS	6.1	30	2	35		17	0
ASWÂN	10	12	10	05	2	2	Ci	4.9	33	5	40	+3	17	0
SIWA	360	16	14	01	1	3	Ns	11.3	25	7	29	-2	32	0
BAHARÎYA	20	5	10	02	0	0	—	9.5	25	13	30	-2	48	0
FARAFRA	320	3	12	02	0	0	—	10.7	24	5	30		30	0
DAKHLA	350	2	9	01	2	4	Ci	10.2	27	9	30	-5	33	0
KHARGA	350	3	5	02	2	8	St	8.3	27	9	32	-2	33	0
SUEZ	360	5	10	02	0	0	—	11.5	22	13	31	+1	57	0
TÔR														
HURGHÂDA	60	5	10	01	2	2	Sc, As	7.6	24	11	26	0	44	0
QUSEIR	320	6	20	01	1	—	—	8.9	25	15	30	+1	54	0
PORT SÛDÂN	50	2	20	02	0	0	—	6.0	27	25	32		89	0
WÂDI HALFA	20	19	12	05	0	3		4.5	35	11	42		23	0
ABU HAMAD	00	0	24	02	0	0	—	99.6	36	8	44		18	0
KAREIMA														
'ATBARA	00	0	20	02	0	0	—	99.5	36	11	43		22	0
KHARTOÛM	00	0	20	01	0	0	—	99.4	36	9	43		19	0
KASSALA	00	0	20	02	0	1	AC	99.6	34	11	44		25	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	50	4	20	01	1	1	Ci	0.5	28	1	42		13	0
EL FASHER	90	7	25	01	1	0	—	0.3	34	1	40		12	0
GENEINA	20	1	50	01	1	2	Ci	2.0	33	0	40		12	0
MALAKÂL	240	6	20	13	8	7	Ac, Cu	2.8	31	17	41		43	dr
WÂU	00	0	20	[illegible]	1	2	Ci	1.3	34	17	39		36	0
JUBA	00	0	24	[illegible]	1	1	Cu	0.0	28	25	32		84	0

At 0600 on SATURDAY 27th APRIL, 1957

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mm. Past 24 hrs.	Total from Oct. 1st	Normal Total from Oct. 1st
Mediterranean	62300	SALLOÛM	00	0	12	02	0	0	—	13.6	+0.2	18	12	14	0	68	0	257	
	303	SÎDI BARRÂNI	330	9	5	00	0	6	Sc	12.3		18	13	15		73	0	254	
	306	MATRÛH (A)	300	13	16	01	2	5	Sc	13.3	-1.0	18	12	14		68	0	265	
	309	EL DAB'AA	290	14	10	00	0	5	AC	12.1		18	13	15		73	0	203	
	319	ALEXANDRIA	310	10	20	03	0	1	Cu	12.4	-1.8	18	13	16	0	73	0	283	185
	318	ALEXANDRIA (A)	320	8	12	01	2	3	Cu	11.9	-3.2	19	14	16	-2	73	0	258	132
	330	DAMIETTA	340	2		03	0	6	Cu	12.0	-2.0	19	14	15	0	73	3	238	105
	333	PORT SA'ID (A)	320	9	12	03	1	5	Cu, Sc, AC	11.5	-3.1	20	14	17	0	69	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	360	2	10	01	0	3	Cu	12.3	-1.7	20	11	13	0	56	0	140	98
	342	MANSÛRA	270	3		03	1	4	Cu	11.8	-2.4	19	13	15	+1	68	0	73	52
	348	ṬANTA			20	03	2	5	Cu	12.0	-2.2	19	12	12	-1	64	0	79	40
	360	SHEBÎN EL KÔM	40	2	10	01	1	1	Cu	12.3	-2.0	18	13	14		73	0	58	
	354	ZAGAZIG	00	0	10	02	0	0	—	11.7	-2.6	17	13	13	0	77	0	53	26
	441	ISMA'ÎLÎA																	
Cairo Area	366	CAIRO (A)	360	5	8	03	1	6	Sc	11.9		18	13	14		73	0	48	
	372	CAIRO ALMÂZA (A)	360	8	12	02	1	6	Cu	11.8	-3.1	18	14	14	-2	78	0	53	
	374	CAIRO EZBEKÎYA										18	14	14	-1	78	0	43	24
	375	GIZA	20	7	8	03	—	5	Cu	12.0	-3.0	18	14	14	+2	78	0	53	24
	378	HELWÂN	320	8	10	02	1	1	Cu	12.2	-1.8	19	12	15	0	64	0	36	27
Upper Egypt	381	FAYOÛM	360	6	20	01	1	3	Cu, Sc	12.3	-1.4	20	11	14	-1	56	0	16	8
	387	MINYA (A)	10	11	8	02	0	0	—	11.0	-3.9	19	14	16	+2	73	0	2	
	393	ASYOÛT (A)	300	6	14	02	0	0	—	10.6	-2.3	20	10	16	0	53	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	3	AC	9.6	-2.6	21	14	18	+3	65	0	1	
	402	QENA	00	0	10	00	0	0	—	9.1	-2.5	26	12	20	+2	42	0	dr	
	405	LUXOR (A)	260	2	22	03	0	1	Cu	7.3	-4.6	27	9	22		33	0	0	
	414	ASWÂN	20	7	12	03	1	5	Ci	6.9	-4.8	29	7	26	+5	27	0	8	
Oases	417	SIWA	90	5	14	02	1	0	—	14.6	-0.3	16	11	14	+1	72	0	24	8
	420	BAHARÎYA	340	6	10	02	0	0	—	13.1	-1.1	18	14	14	0	78	0	2	7
	423	FARAFRA	20	6	15	02	0	0	—	13.4		20	0	15		41	0	dr	
	432	DAKHLA	20	2	18	03	0	1	Ci	11.5		24	11	18	+2	45	0	1	
	435	KHARGA	360	8	6	03	0	1	Ci	8.4	-4.0	24	11	21	+2	41	0	2	
Red Sea	450	SUEZ	360	4	20	00	0	4	Cu	12.3	-1.2	19	16	13	-3	83	0	36	16
	459	TÔR																	13
	462	HURGHÂDA	320	24	20	00	0	0	—	7.8	-4.5	24	9	20	+2	38	0	dr	
	465	QUSEIR	340	10	20	03	1	5	Sc, AC, Ci	8.1	-3.4	25	13	20	-1	48	0	dr	4
	641	PORT SÛDÂN																	
North Sudan	600	WÂDI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	660	'ATBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
Central Sudan	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. Sudan	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

RETARDS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4		27-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	310	12	310	12	340	17	330	21	310	16	350	29	320	10	290	16	300	09	20	16	80	14
600 m	310	15	330	19	330	16	340	17	310	28	350	23	320	12	310	13	330	09	10	19	120	04
1000 m	280	16	320	17	310	16	340	23	310	24	360	22	320	12	330	09	330	14	360	14	280	03
1500 m	300	17	310	16	260	07	340	16	310	19	320	12	320	10	320	09	340	21	340	26	360	04
2100 m	290	23	310	07	250	17	330	20	290	28	310	17	320	10	320	10	290	20	340	31	310	13
2400 m	300	22			250	23	310	19	280	23	280	18	320	10	310	09	290	21	320	16	310	13
3000 m	310	18									320	27			310	18	280	25			310	16
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	27-4		27-4		27-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	350	08	300	11	340	23	300	10	290	07	360	17	120	07	320	08	240	04	340	07	320	02
600 m	340	10	310	15	340	29	300	10	320	08	350	18	180	04	260	11	200	08	330	07	270	04
1000 m	320	12	300	11	350	23	20	05	330	12	350	14	310	15	290	10	220	10	330	07	260	05
1500 m	320	14			350	23			330	10	350	08	300	12	280	17	250	10	300	10	250	10
2100 m	300	14			260	14			280	16	30	11	320	16			260	08	330	14	310	10
2400 m	310	17							280	19	170	09	300	17							310	16
3000 m									290	23	80	12	300	18							310	12
4000 m													310	19							300	17
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Aswan		Asyout		Luxor		Salloum		S. Barrani		Asyout		Luxor		Bahariya		Hurghada	
DATE	28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m	340	09	330	16	360	11	10	08	340	08	270	04	290	10	320	18	340	12	330	10	340	23
600 m	330	08	320	21	360	17	350	22	350	06	290	10	280	14	320	19	350	10	320	16	320	17
1000 m	310	13	320	15	360	04	340	16	60	03	290	12	290	12	300	19	350	10	350	09	300	22
1500 m	320	16			340	16	330	16	40	02	280	17	310	12	300	14	20	05	360	07	290	16
2100 m	300	19							40	09	290	22	290	13					340	15	290	11
2400 m	300	20							50	15			300	16					320	11		
3000 m									90	13									320	18		
4000 m																			310	27		
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION							Matruh						Aswan									
DATE							28-4						28-4									
TIME							1200						1130									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED
S[illegible]						30	19				111	30		360	12					
1000 m						124	19		310	12										
950 m																				
900 m																				
850 m						1494	11		290	13	1518	14		320	19					
800 m																				
700 m						3086	03		300	32	3137	07		290	17					
600 m																				
500 m						5718	-16		300	41	5820	-10		270	42					
400 m						7360	-28		300	50	7500	-22		270	43					
300 m						9355	-44		280	54	9578	-32		280	70					
200 m						11980	-52				12160	-46								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 28th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " continuous	thick
56	" , freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain not freezing intermittent	slight
61	" " " continuous	slight
62	" " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather continues to prevail, but rather cold by night. Moderate amounts of low clouds increasing sometimes near the coasts. Moderate NWly winds.

In Upper Egypt: Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 15 U.T. / Sunset 16 30 U.T. }

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 27th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	20	12	18	02	0	0	—	13.7	20	12	60
	303	SÎDI BARRÂNI	320	18	16	02	1	0	—	13.9	20	13	64
	306	MATRÛḤ (A)	300	19	16	02	0	0	—	13.4	20	13	64
	309	EL ḌAB'AA	340	12	20	00	0	0	—	12.7	21	12	57
	319	ALEXANDRIA	310	16	20	03	0	4	cu	12.8	20	15	73
	318	ALEXANDRIA (A)	320	15	16	02	0	4	Sc	12.3	22	16	69
	330	DAMIETTA	340	5	20	01	1	0	—	12.0	20	11	56
	333	PORT SA'ÎD (A)	350	13	20	02	0	0	—	11.0	20	14	69
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	360	2	20	01	0	1	ci	11.9	23	10	44
	342	MANṢÛRA	340	3		01	1	2	cu	12.8	26	10	37
	348	ṬANṬA	270	6	20	01	1	1	cu	11.6	26	8	32
	360	SHEBÎN EL KÔM	40	5	20	01	1	1	cu	11.1	25	5	28
	354	ZAGAZIG	210	1	20	03	1	4	As	9.9	25	13	48
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	310	10	14	03	1	3	cu	9.8	25	9	36
	372	CAIRO ALMÂZA (A)	310	8	15	03	0	4	cu	10.2	26	12	42
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	10	10	01	1	2	cu	12.1	24	11	40
	378	ḤELWÂN	320	8	10	02	1	3	cu	10.2	24	9	38
UPPER EGYPT	381	FAYOÛM	360	4	20	01	0	0	—	10.7	26	10	47
	387	MINYA (A)	340	15	8	03	0	2	cu	10.3	29	7	25
	393	AṢYOÛṬ (A)	330	8	16	03	0	2	cu	9.1	29	4	20
	399	NAG' HAMÂDI	290	1	10	02	0	2	Ac	7.9	32	2	15
	402	QENA	290	4	20	00	0	0	—	7.4	34	3	14
	405	LUXOR (A)	320	4	24	02	0	0	—	6.4	34	4	15
	414	ASWÂN	360	12	10	02	2	6	Ac, Cs	5.3	34	6	18
OASES	417	SÎWA	340	11	10	02	0	0	—	13.2	26	1	20
	420	BAḤARÎYA	320	6	20	02	0	0	—	11.3	27	12	40
	423	FARAFRA	350	7	20	03	0	1	cu	12.1	27	6	27
	432	DAKHLA	340	11	20	02	0	0	—	10.8	29	12	35
	435	KHARGA	10	12	6	03	0	3	Ac	1.1	31	7	22
RED SEA	450	SUEZ	360	6	50	01	0	1	cu	11.1	25	13	48
	459	TÔR											
	462	HURGHÂDA	350	20	20	02	0	1	ci	6.3	27	12	40
	465	QUSEIR	350	12	20	01	1	3	Ac	7.1	26	16	55
	641	PORT SÛDÂN	40	14	20	01	1	5	Cb, Ac	3.6	31	22	59
NORTH SUDAN	600	WÂDI ḤALFA	350	20	20	01	1	2	Ac, Ci	4.9	37	11	20
	640	ABU ḤAMAD	300	5	22	02	0	0	—	98.4	42	11	16
	660	KAREIMA	30	4	20	03	0	2	ci	99.0	42	11	16
	680	'AṬBARA	040	5	20	02	1	5	Ac	97.5	43	5	10
	721	KHARṬOÛM	310	10	20	03	0	3	ci	97.9	43	4	9
	730	KASSALA	300	5	20	01	8	6	cu, Ac	97.6	40	6	12
CENTRAL SUDAN	751	WÂD MEDANI	270	10	20	03	1	4	Cu, Ac, Cs	98.4	42	-5	5
	801	RENK	230	9	20	02	1	5	cu	1.2	40	22	36
	802	ROSEIRES	310	9	20	02	1	3	As	98.9	37	15	24
	771	EL OBEID											
	760	EL FASHER	100	4	30	03	0	1	Ac	99.2	39	4	12
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	270	10	20	17	2	7	Cb, Ci	4.6	36	18	35
	880	WÂU	180	4	20	02	2	7	Cu, Ac, Cs	3.9	33	19	44
	941	JUBA	200	2	24	03	2	7	Cu, Ac, Cs	4.4	33	22	53

At 1800 on 27th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	90	7	12	02	0	0	—	14.0	17	9	22	-4	60	0
	303	SÎDI BARRÂNI	350	16	12	02	0	0	—	13.6	17	12	20		72	0
	306	MATRÛḤ (A)	290	7	12	02	0	0	—	14.1	16	11	21		72	0
	309	EL ḌAB'AA	270	6	20	00	0	0	—	13.9	17	13	21		77	0
	319	ALEXANDRIA	350	10	20	01	0	0	—	12.8	17	15	22	-3	88	0
	318	ALEXANDRIA (A)	320	10	12	03	0	2	Sc	12.8	18	15	22	-2	83	0
	330	DAMIETTA	290	5		03	0	2	cu	12.3	18	15	21	-3	83	0
	333	PORT SA'ÎD (A)	320	15	16	01	0	1	Sc	11.8	19	14	22	-1	73	0
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	330	2	10	02	0	0	—	12.8	16	12	23	-5	77	0
	342	MANṢÛRA	360	3		00	0	0	—	12.3	19	11	27	-2	60	0
	348	ṬANṬA	270	4	10	02	0	0	—	13.0	16	12	26	-4	77	0
	360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	12.4	18	8			52	0
	354	ZAGAZIG	220	1	10	02	0	0	—	11.6	19	12	26	-4	64	0
	441	ISMA'ILÎA														
CAIRO AREA	366	CAIRO (A)	340	9	12	02	0	0	—	12.3	20	9	26		49	0
	372	CAIRO ALMÂZA (A)	320	8	12	02	0	0	—	11.8	20	11	26	-5	56	0
	374	CAIRO EZBEKÎYA											28	-2		
	375	GIZA	30	6	10	01	0	0	—	12.4	19	10	27	-3	56	0
	378	ḤELWÂN	320	11	10	02	0	0	—	11.5	20	11	25	-5	56	0
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	11.5	21	9	27	-5	47	0
	387	MINYA (A)	360	5	7	01	0	0	—	10.7	20	8	29	-3	46	0
	393	AṢYOÛṬ (A)	340	4	12	02	0	0	—	9.9	24	8	30	-3	36	0
	399	NAG' HAMÂDI	00	0		01	0	3	Ac	9.1	25	11	33	-1	42	0
	402	QENA	290	4		00	0	0	—	8.9	28	4	35	-2	22	0
	405	LUXOR (A)	300	12	12	01	0	0	—	7.8	27	4	35		23	0
	414	ASWÂN	360	6	10	02	0	3	ci	6.3	29	5	35	-2	22	0
OASES	417	SÎWA	340	5	16	02	0	0	—	13.2	23	1	28	-4	24	0
	420	BAḤARÎYA	340	2	10	02	0	0	—	11.9	22	9	28	-4	44	0
	423	FARAFRA														
	432	DAKHLA	340	13	12	02	0	0	—	11.8	25	9	30	-5	36	0
	435	KHARGA	350	4	7	02	0	0	—	8.4	25	5	32	-3	28	0
RED SEA	450	SUEZ	360	8	10	01	0	0	—	12.4	21	16	27	-3	74	0
	459	TÔR														
	462	HURGHÂDA	310	20	10	02	0	0	—	6.7	24	11	29	+3	44	0
	465	QUSEIR	320	6	20	01	0	1		7.6	25	19	27	-2	70	0
	641	PORT SÛDÂN											32			1
NORTH SUDAN	600	WÂDI ḤALFA											38			0
	640	ABU ḤAMAD											43			0
	660	KAREIMA											43			0
	680	'AṬBARA											44			0
	721	KHARṬOÛM											45			0
	730	KASSALA											44			dr
CENTRAL SUDAN	751	WÂD MEDANI											44			0
	801	RENK											41			0
	802	ROSEIRES											41			
	771	EL OBEID											42			0
	760	EL FASHER											41			0
	770	GENEINA											39			0
S. SÛDÂN	840	MALAKÂL											38			dr
	880	WÂU											35			0
	941	JUBA											33			0

At 0600 on SUNDAY 28th APRIL, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	120	4	18	02	0	0	—	14.4	+1.0	16	13	12	-2	82	0	257	
	303	SÎDI BARRÂNI	310	16	14	00	0	6	Sc	13.7		17	12	10		72	0	254	
	306	MATRÛḤ (A)	290	12	18	01	0	2	cu	13.8	-0.5	18	11	10		64	0	265	
	309	EL ḌAB'AA	270	8	10	00	0	3	ci	13.4		17	11	10		68	0	203	
	319	ALEXANDRIA	310	10	20	03	0	5	cu	13.9	-0.2	17	13	15	-1	77	0	283	183
	318	ALEXANDRIA (A)	260	7	12	03	0	6	Sc	12.6	-1.4	18	14	15	0	78	0	255	138
	330	DAMIETTA	220	2		00	0	0	—	13.5	-0.5	18	15	11	-4	83	0	238	103
	333	PORT SA'ÎD (A)	280	7	12	02	0	1	cu	12.9	-1.6	19	15	16	-2	78	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	200	2	10	03	0	1	ci	13.4	-0.6	19	12	12	-2	64	0	140	98
	342	MANṢÛRA	00	0		00	0	0	—	13.0	-1.2	19	14	12	-2	73	0	73	52
	348	ṬANṬA	00	0	20	03	2	5	cu	13.4	-0.8	18	14	11	-2	78	0	79	40
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	cu	13.7	-0.6	17	13	14		77	0	58	
	354	ZAGAZIG	20	1	3	10	0	0	—	13.6	-0.7	15	13	11	-2	88	0	53	26
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	320	3	10	01	2	5	cu	13.7		18	14	14		78	0	48	
	372	CAIRO ALMÂZA (A)	00	0	10	03	0	1	Sc, cu	13.5	-1.3	18	12	15	-1	68	0	53	
	374	CAIRO EZBEKÎYA										19	11	14	-1	60	0	43	24
	375	GIZA	20	1	8	03		2	cu	14.3	+0.4	17	14	11	-1	83	0	53	24
	378	ḤELWÂN	00	0	4	05	0	1	ci	14.3	+0.9	17	11	12	-2	68	0	36	27
UPPER EGYPT	381	FAYOÛM	360	6	20	02	0	0	—	14.2	+0.6	19	11	12	-3	60	0	16	8
	387	MINYA (A)	20	5	7	02	0	0	—	13.8	-1.0	19	10	11	-3	56	0	2	
	393	AṢYOÛṬ (A)	340	4	12	02	0	0	—	13.7	+0.8	18	8	15	-2	52	0	dr	
	399	NAG' HAMÂDI	290	2		01	0	3	Ac, Ci	13.3	+1.1	24	3	15	-1	26	0	1	
	402	QENA	360	2	10	00	0	0	—	12.3	+0.8	24	6	19	+1	32	0	dr	
	405	LUXOR (A)	330	2	22	02	0	0	—	12.0	+0.2	24	13	18		50	0	0	
	414	ASWÂN	360	5	12	02	0	0	—	11.7	+0.1	26	8	21	0	32	0	8	
OASES	417	SÎWA	00	0	16	02	0	0	—	14.6	-0.2	17	5	10	-4	46	0	24	8
	420	BAḤARÎYA	00	0	20	02	0	0	—	13.5	-0.7	19	12	10	-4	64	0	2	7
	423	FARAFRA	360															dr	
	432	DAKHLA	150	4	20	02	0	0	—	14.8	+1.8	21	8	15	-2	44	0	1	
	435	KHARGA	20	8	6	02	0	0	—	12.0	-0.3	22	6	17	-1	36	0	3	
RED SEA	450	SUEZ	360	3	20	00	0	3	cu	14.8	+1.3	19	14	13	-4	73	0	140	16
	459	TÔR																	13
	462	HURGHÂDA	320	22	20	00	0	0	—	10.8	-1.3	24	9	17	-1	38	0	dr	
	465	QUSEIR	350	18	20	01	0	0	—	10.7	-0.7	24	12	21	0	47	0	dr	4
	641	PORT SÛDÂN	40	10	20	02	1	3	Sc, Ac	6.5		29	21	23		62	1		
NORTH SUDAN	600	WÂDI ḤALFA	20	10	20	02	0	0	—	11.3		25		20			0		
	640	ABU ḤAMAD	360	13	20	07	0	0	—	7.1		29	1	25		17	0		
	660	KAREIMA	60	12	20	01	0	0	—	6.9		29	1	26		17	0		
	680	'AṬBARA	10	13	6	07	0	1	ci	4.7		31	14	27		36	0		
	721	KHARṬOÛM	340	10	10	05	0	0	—	4.7		31	6	28		21	0		
	730	KASSALA	200	8	10	07	0	0	—	3.5		33	10	26		24	dr		
CENTRAL SUDAN	751	WÂD MEDANI	230	13	20	02	2	8	Cs			31	15	28		38	0		
	801	RENK	180	5	20	02	1	4	Ac	9.1		29	20	25		59	0		
	802	ROSEIRES	230	5	20	02	1	3	Ac	6.8		30	16	26		43	0		
	771	EL OBEID	330	5	8	05	2	7	As	6.2		29	6	25		23	0		
	760	EL FASHER	50	13	6	05	2	7	As	7.5		28	6	26		25	0		
	770	GENEINA	40	8	10	05	1	8	As, Cs	9.0		26	1	25		20	0		
S. SÛDÂN	840	MALAKÂL	10	5	20	02	2	7	Ac, Cs	7.2		24	19	21		74	4		
	880	WÂU	200	4	20	61	9	8	As	9.7		21	20	21		94	29		
	941	JUBA	180	5	24	02	2	7	Sc, Ac	9.0		27	23	23		79	0		

RETARDS — DATE

* ⊖ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Salloum		Matruh		Cairo(A)		Aswan		Asyout		Luxor		Alex.(A)		P. Said		Minya		Siwa		Farafra	
28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4		28-4	
1700		1700		1700		1700		1700		1715		1700		1700		1700		1700		2300	
DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
310	12	310	14	340	16	330	16	340	15	310	19	310	17	310	17	360	14	310	13	310	10
310	13	300	21	340	17	340	11	340	16	330	22	280	8	270	14	360	13	290	10	280	10
300	13	290	16	320	18	340	10	330	19	330	26	290	15	250	19	360	13	310	10	250	15
280	14	280	20	280	11	340	15	330	18	340	23	300	19	240	26	340	22	290	12	230	15
		280	19	260	18	330	15	330	20	350	16	300	20			330	17	300	16	220	16
		290	20	280	23	300	12	300	14	10	11	290	19			320	23	280	11	220	21
		300	18					310	19			280	17					310	12	230	13
																				240	14

Cairo(A)		Aswan		Asyout		Luxor		Alex(A)		Minya						Aswan		Asyout		Luxor	
28-4		28-4		28-4		28-4		28-4		28-4						29-4		29-4		29-4	
2300		2300		2300		2300		2300		2300						0500		0500		0500	
DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
320	9	330	16	360	13	340	15	310	17	20	21					350	17	250	3	330	9
320	12	340	24	360	22	340	26	300	17	340	21					360	23	10	9	360	22
310	18	340	15	340	19	330	16	300	17	320	24					350	28	340	12	360	28
290	30	320	9	330	22	330	17			310	26					320	12	330	17	330	30
		330	9	310	22	330	23			300	29									340	31
		330	7			290	12			300	30									360	25
		340	8			300	23			280	29									150	16

Alex.(A)		Minya				Aswan		Asyout		Luxor		Alex.(A)		Minya		Bahariya		Dakhla		Kharga	
29-4		29-4				29-4		29-4		29-4		29-4		29-4		29-4		29-4		29-4	
0500		0500				1130		1100		1100		1100		1100		1100		1100		1100	
DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
320	16	360	2			330	10	320	7	310	16	310	8	330	22	310	11	340	22	350	16
310	16	340	16			340	10	320	11	290	15	340	6	330	24	320	7	340	15	340	35
300	14	340	16			340	7	310	13	340	6	350	9	320	20	290	11	340	10	280	8
		330	29			310	3			320	10					300	11			320	16
						330	20			340	16					320	20				
						320	21			340	17					320	20				
						290	19									320	25				
						270	26									320	25				
						270	28														
						260	33														

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

Aswan 29-4 1130																	
ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP. °C	HUM %	WIND DIR.	WIND SPEED
										111	31		360	10					
										135	31		360	10					
										1554	19		310	3					
										3180	6		290	19					
										5840	-12		270	30					
										7500	-26		280	45					
										9539	-38		280	61					

NB:
1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (UT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 29th APRIL 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased – during preceding hour
31	Slight or moderate duststorm or sandstorm	no change – during preceding hour
32	Slight or moderate duststorm or sandstorm	increased – during preceding hour
33	Severe duststorm or sandstorm	decreased – during preceding hour
34	Severe duststorm or sandstorm	no change – during preceding hour
35	Severe duststorm or sandstorm	increased – during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight.	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slight rise in temperature during day but still rather cold by night. Some low and high clouds near the coast, decreasing inland. Moderate NW by winds.

SYNOPTIC SURFACE OBSERVATIONS

All Times are Universal Times (U.T.) Two hours slower than local time)

At 1200 on ... 18.4A ... At 1800 on ... 18.4A ... At 0600 on MONDAY 19th APRIL 1957

1800 U.T.

Index No.	Station	Bar. Pressure M.S.L. (mb)	Dry Bulb	Dew Point	Maximum Today	Diff from normal	Relative Humidity %	Rain past 12 hrs (mm)
62300	BALLOÛM	13.3	18	8	21	-5	52	0
303	SÎDI BARRÂNI	13.1	16	14	20		88	0
306	MATRÛH (A)	11.1	15	12	21		82	0
309	EL DABAA	12.1	16	12	21		77	0
319	ALEXANDRIA	13.8	17	13	21	-4	77	0
318	ALEXANDRIA (A)	12.4	17	14	21	-4	83	0
330	DAMIETTA	11.6	17	14	21	-3	83	0
333	PORT SA'ID (A)	11.4	18	13	24	0	73	0
336	EL 'ARISH							
339	DAMANHÛR	12.8	16	13	25	-2	77	0
342	MANSÛRA	11.5	17	11	27	-2	68	0
348	TANTA	12.3	17	11	27	-3	68	0
360	SHEBÎN EL KÔM	12.0	18	10			60	0
354	ZAGAZIG	11.5	18	13	26	-4	73	0
441	ISMAILIA							
356	CAIRO (A)	11.7	20	8	26		46	0
372	CAIRO ALMÂZA (A)	11.7	20	11	28	-2	56	0
370	CAIRO EZBEKÎYA				28	-2		
378	GIZA	11.6	19	9	28	-2	52	0
375	HELWÂN	11.4	21	7	26	-4	41	0
381	FAYOÛM	11.1	21	7	28	-4	41	0
387	MINYA (A)	10.8	18	5	28	-1	43	0
393	ASYOÛT (A)	10.6	22	2	29	-4	29	0
399	NAG' HAMÂD	8.2	23	-2	32	-3	12	0
402	QENA	9.3	25	-2	33	-4	17	0
405	LUXOR (A)	8.9	25	-2	32		17	0
414	ASWAN	8.5	27	-5	31	+6	12	0
417	SÎWA	13.3	23	-2	28	-4	24	0
420	BAHARÎYA	12.0	21	7	29	-4	41	0
423	FARAFRA	12.5	24	9	29		21	0
432	DAKHLA	12.4	23	0	29	-7	22	0
435	KHARGA	9.5	23		29			0
450	SUEZ	13.3	22	15	28	-2	65	0
459	TÔR							
462	HURGHÂDA	8.4	22	9	27	0	44	0
465	QUSEIR	9.1	22	10	26	-3	83	0
641	PORT SÛDÂN	7.2	28	20	31		74	0
600	WÂDI HALFA	8.8	32	-7	32		6	0
640	ABU HAMAD	8.9	30	-5	38		12	0
660	KAREIMA	8.9	30	-3	39		11	0
680	'ATBARA	8.0	33	2	41		21	0
721	KHARTOÛM	3.7	35	-7	42		7	0
730	KASSALA	1.5	31	12	42		46	2
751	WÂD MEDANI							
801	RENK							
812	ROSEIRES							
771	EL OBEID	4.3	29	10	36		31	0
760	EL FASHER	4.1	32	14	36		34	0
770	GENEINA	5.9	29	11	34		33	0
840	MALAKÂL	6.8	29	19	33		55	0
880	WÂU	8.3	25	23	33		89	23
941	JUBA	9.1	23	22	28		94	14

0600 U.T.

Index No.	Station	Wind Direction	Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. M.S.L. (mb)	Diff from normal (mb)	Dry Bulb	Dew Point	Minimum Today	Diff from normal	Relative Humidity %	Rainfall (mm)	Rainfall (ft)	Rainfall (ft)
62300	BALLOÛM																287	
303	SÎDI BARRÂNI																250	
306	MATRÛH (A)																265	
309	EL DABAA																243	
319	ALEXANDRIA	310	8	20	03	0	3	Cu	14.4	+0.3	18	13	16	0	73	0	283	18
318	ALEXANDRIA (A)	320	3	2	01	2	6	Cu	13.7	-1.2	19	13	16	+1	68	0	255	13
330	DAMIETTA	320	2	4	02	0	5	Cu	13.8	-0.5	18	14	12		78	0	238	14.3
333	PORT SA'ID (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	310	2	10	02	0	2	Cu	14.2	+0.2	20	11	12	-2	56	0	148	98
342	MANSÛRA	280	13		03	1	1	Sc	14.0	+0.1	19	12	12	-1	68	0	72	62
348	TANTA	270	7	20	03	2	5	Cu	14.0	-0.2	19	12	11	-4	64	0	79	[illegible]
360	SHEBÎN EL KÔM	320	2	10	01	1	3	Cu	14.3	0.0	19	9	13		52	0	38	
354	ZAGAZIG	320	1	10	02	0	0	—	13.7	-0.6	17	13	13	0	77	0	43	26
441	ISMAILIA																	
356	CAIRO (A)	340	5	10	01	0	4	Sc	14.3		18	12	14		68	0	48	
372	CAIRO ALMÂZA (A)	310	7	12	01	2	6	Ac,Sc	13.9	-0.8	17	12	14	-2	72	0	63	
370	CAIRO EZBEKÎYA										18	12	15	0	68	0	43	24
378	GIZA	30	6	8	01		4	Sc,Ac	14.8	+0.9	18	12	12	0	68	0	63	24
375	HELWÂN	00	0	16	02	2	7	St	14.3	+1.3	18	10	12	-4	68	0	26	37
381	FAYOÛM	360	6	20	02	0	0	—	15.2	+1.7	19	11	13	-3	60	0	16	1
387	MINYA (A)	330	2	2	02	0	0	—	14.4	-0.3	19	9	14	-4	52	0	3	
393	ASYOÛT (A)	00	0	12	02	0	0	—	14.6	+1.8	20	3	15	-2	33	0	dr	
399	NAG' HAMÂD	00	0	4	01	0	3	Ac	14.4	+2.3	22	5	13	-4	32	0	1	
402	QENA	00	0	10	00	0	0	—	13.9	+2.5	24	3	13	-5	26	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	13.6	+1.8	22	1	15		25	0	4	
414	ASWAN	360	6	12	02	0	0	—	11.6	+2.1	22	-3	14	-7	19	0	1	
417	SÎWA																14	1
420	BAHARÎYA	00	0	20	02	0	0	—	14.5	+0.4	19	0	11	-4	28	0	2	7
423	FARAFRA	270	3	15	02	0	0	—	15.8		17	-1	10		30	0	dr	
432	DAKHLA	350	2	22	02	0	0	—	15.2	+2.2	20	2	13	-4	30	0	1	
435	KHARGA	20	1	2	02	0	0	—	12.7	+0.5	22	4	10	-2	21	0	3	
450	SUEZ	360	4	20	00	0	4	Sc	15.0	+1.6	18	15	11	-6	83	0	40	16
459	TÔR																	13
462	HURGHÂDA	300	18	20	00	0	0	—	13.0	0.0	24	8	16	-3	36	0	dr	
465	QUSEIR	340	12	20	02	0	0	—	13.4	+0.7	25	11	20	-1	42	0	dr	4
641	PORT SÛDÂN	340	12	20	01	0	1	Ac	10.4		29	12	20		35	0		
600	WÂDI HALFA	10	5	20	02	0	0	—	14.0		21	6	16		28	0		
640	ABU HAMAD	360	12	20	02	2	2	Ci	10.8		25	-1	21		18	0		
660	KAREIMA	30	11	20	02	1	0	—	12.2		26	-5	19		13	0		
680	'ATBARA	10	15	5.5	07	2	7	Ac	9.0		28	-2	23		16	0		
721	KHARTOÛM	360	13	20	02	2	7	Ac	9.5		27	2	25		22	0		
730	KASSALA	350	2	20	02	2	7	Ac,Ci	7.3		30	18	23		49	0		
751	WÂD MEDANI	360	13	20	02	1	7	Ac	9.9		30	-1	21		13	0		
801	RENK																	
812	ROSEIRES	320	8	20	02	2	7	Ac	10.0		28	18	26		49	0		
771	EL OBEID	50	4	20	02	2	6	Ac	9.3		29	-2	21		12	0		
760	EL FASHER	40	14	6	07	2	7	Ac	9.6		28	6	22		25	0		
770	GENEINA																	
840	MALAKÂL	250	8	20	02	2	7	Ac,Ac	10.7		27	21	23		70	0		
880	WÂU	00	0	20	02	2	6	As	9.1		25	21	22		78	23		
941	JUBA	180	1	24	01	0	4	St,Ac	11.0		25	22	22		84	14		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallaum		Matruh		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	29-4		29-4		29-4		29-4		29-4		29-4		29-4		29-4		29-4		29-4		29-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	40	8	360	5	340	10	340	16	320	17	30	15	330	8	30	10	320	10	340	10	80	20
600 m	360	20	320	9	340	13	320	17	310	16	340	18	340	10	340	12	330	9	350	14	100	7
1000 m	330	17	300	15	320	12	320	10	310	13	340	20	350	6	350	8	340	10	10	16	360	4
1500 m	300	17	310	17	320	14	330	13	300	14	300	20	360	10	330	4	350	12	30	17	340	15
2100 m	310	21	300	14	330	17	330	15					360	17	320	11	350	12				
2400 m	300	23	300	14	350	16	320	15					360	22	310	15						
3000 m	320	27	300	21			330	14					350	19	290	17						
4000 m			320	17																		
5000 m																						
6000 m																						

STATION	Cairo(A)		Matruh		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	29-4		29-4		29-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	60	04	270	1	340	17	40	3	30	3	350	4	60	17	310	5	340	7	320	13	180	3
600 m	360	16	20	12	340	27	10	4	20	1	10	5	20	7	280	6	340	5	320	12	280	4
1000 m	80	14	350	13	340	27	40	9	50	4	10	5	230	4	270	8	300	5			330	7
1500 m	320	11	330	11	350	14	290	7	30	5	10	8	350	7	270	6	350	12			320	16
2100 m	320	15	310	27	310	11					330	9	330	20							340	11
2400 m	310	19	320	27							340	14	330	23								
3000 m	310	18											310	29								
4000 m																						
5000 m																						
6000 m																						

STATION	Sallaum		Matruh		Aswan		Sallaum		S.Barani		Asyout		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	150	7	120	13	10	6	110	5	160	6	320	8	290	10	90	3	280	4	340	12	320	16
600 m	60	3	80	10	10	17	120	4	250	8	320	18	290	10	310	6	270	11	340	8	320	16
1000 m	260	14	50	5	350	21	150	4	210	4	330	22	300	6	280	6	320	8	330	11	300	16
1500 m	320	19	340	19	330	18	160	5	160	7			330	9	330	11			340	13	310	28
2100 m	340	26	340	21					140	12			340	20	300	16			330	21		
2400 m									120	22			340	29								
3000 m													340	36								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						30-4					30-4									
TIME						1200					1230									
	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED
Surface						30	24				111	32		360	12					
1000 m						142	24		80	2										
950 mb																				
900 mb																				
850 mb						1557	19		310	19	1546	19		310	17					
800 mb																				
700 mb						3181	05		330	35	3165	05		320	22					
600 mb																				
500 mb						5834	-13		310	33	5848	-8		290	33					
400 mb											7546	-20		300	37					
300 mb											9611	-39		300	39					
200 mb											12370	-44								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 30th APRIL, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 13 U.T. / " " Sunset 16 32 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 29th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM											
	303	SÎDI BARRÂNI											
	306	MATRÛH (A)											
	309	EL DAB'AA	310	14	20	01	0	2	cu, ci	14.7	20	13	64
	319	ALEXANDRIA	340	15	14	01	0	2	sc, ci	14.6	22	14	61
	318	ALEXANDRIA (A)	340	5	20	01	1	0	—	13.4	21	14	65
	330	DAMIETTA											
	333	PORT SA'ID (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	20	01	0	1	cu	13.9	23	12	50
	342	MANŞÛRA	360	3		01	1	4	cu	13.1	26	11	40
	348	ṬANṬA	270	3	20	01	1	4	cu	13.3	26	10	37
	360	SHEBÎN EL KÔM	240	5	20	01	1	3	cu	13.3	25	5	28
	354	ZAGAZIG	40	1	20	03	1	3	As	12.6	25	13	48
	441	ISMA'ILÍA											
Cairo Area	366	CAIRO (A)	340	7	16	02	0	3	cu	12.9	25	8	34
	372	CAIRO ALMÂZA (A)	320	8	20	02	0	3	cu, ci	12.6	25	7	32
	374	CAIRO EZBEKÎYA											
	375	GIZA	310	6	10	02	0	1	cu	13.3	26	10	37
	378	HELWÂN	290	1	10	03	1	1	cu	13.4	25	5	28
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	13.3	26	7	30
	387	MINYA (A)	360	9	10	02	0	0	—	12.8	28	1	18
	393	AŞYOÛT (A)	320	6	15	02	0	0	—	12.6	29	-2	13
	399	NAG' HAMÂDI	290	2	10	01	0	2	Ac	11.6	30	1	16
	402	QENA	290	4	20	00	0	0	—	11.4	31	-1	12
	405	LUXOR (A)	320	12	22	02	0	0	—	10.4	31	0	13
	414	ASWÂN	360	12	10	02	0	0	—	10.6	31	-6	9
Oases	417	SÎWA											
	420	BAHARÎYA	290	10	20	02	0	0	—	13.4	28	9	31
	423	FARAFRA	360	8	20	02	0	0	—	14.3	30	23	53
	432	DAKHLA	250	9	20	02	0	0	—	13.5	30	15	40
	435	KHARGA	20	5	10	02	0	0	—	11.0	31	3	17
Red Sea	450	SUEZ	360	3	50	01	0	1	cu	13.3	27	13	42
	459	TÔR											
	462	HURGHÂDA	350	21	22	02	0	0	—	10.6	27	9	33
	465	QUSEIR	200	10	20	02	0	0	—	11.8	26	12	42
	641	PORT SÛDÂN	60	12	18	06	0	2	Ac	9.1	30	19	52
North Sudan	600	WÂDI HALFA	30	18	20	02	0	0	—	10.7	32	6	20
	640	ABU HAMAD	340	9	20	02	0	1	ci	7.7	34	-5	8
	660	KAREIMA	30	8	21	02	1	4	ci	8.3	34	-12	5
	680	'ATBARA	360	12	10	07	2	6	cs	5.8	36	-8	6
	721	KHARTOÛM	300	9	20	02	2	7	cs	6.3	37	-1	9
	730	KASSALA	30	5	20	02	2	7	cu, cs	3.3	39	0	9
Central Sudan	751	WÂD MEDANI	360	13	20	02	1	7	cs	5.5	38	-1	9
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	60	5	20	01	2	5	cs	6.0	35	-2	9
	760	EL FASHER	110	7	12	05	2	7	cs	5.7	36	6	15
	770	GENEINA	30	2	30	03	1	6	cu, cs	5.6	37	0	10
S. Sudan	840	MALAKÂL	250	2	20	02	2	7	cb, cs	6.7	35	18	37
	880	WÂU	160	2	20	01	2	4	cu, ci	6.3	34	20	44
	941	JUBA	40	4	24	03	2	7	cb, cs	8.8	29	23	70

At 1800 on 29th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	00	0	12	02	0	0	—	14.6	17	16	23	-3	94	0
SÎDI BARRÂNI	350	8	14	02	0	0	—	14.3	17	15	22		88	0
MATRÛH (A)	350	2	12	02	0	2	sc	14.9	16	14	22		88	0
EL DAB'AA	340	1	20	00	0	0	—	14.9	17	13	22		77	0
ALEXANDRIA	360	12	20	03	0	3	cu	15.2	18	15	21	-4	83	0
ALEXANDRIA (A)	360	6	12	01	0	2	sc	14.8	17	14	20	-5	83	0
DAMIETTA														
PORT SA'ID (A)	330	15	16	02	0	1	sc	14.0	18	15	24	0	83	0
EL 'ARISH														
DAMANHÛR	40	2	10	02	0	0	—	14.7	17	15	25	-3	88	0
MANŞÛRA	360	3		00	0	0	—	14.4	18	13	27	-2	73	0
ṬANṬA	310	6	10	02	0	0	—	15.0	17	13	29	-1	77	0
SHEBÎN EL KÔM	340	2	10	01	1	3	sc	14.3	19	12			64	0
ZAGAZIG	220	1	10	02	0	0	—	13.9	19	14	27	-3	73	0
ISMA'ILÍA														
CAIRO (A)	360	13	12	01	0	2	cu	14.4	20	12	27		60	0
CAIRO ALMÂZA (A)	360	15	12	01	0	1	sc, cu	13.7	21	11	27	-4	53	0
CAIRO EZBEKÎYA											28	-2		
GIZA	20	10	8	01	0	0	—	14.3	21	13	27	-3	61	0
HELWÂN	340	12	10	01	1	1	cu	13.5	21	12	25	-5	57	0
FAYOÛM	360	4	20	02	0	0	—	13.0	22	9	28	-4	44	0
MINYA (A)	30	3	5	02	0	0	—	12.8	19	7	30	-3	46	0
AŞYOÛT (A)	00	0	12	02	0	0	—	12.4	22	0	30	-4	23	0
NAG' HAMÂDI	00	0		01	0	1	Ac	13.0	21	10	34	0	50	0
QENA	360	2		00	0	0	—	11.4	26	0	33	-4	18	0
LUXOR (A)	270	3	12	02	0	0	—	10.7	25	1	32		21	0
ASWÂN	360	4	12	02	0	0	—	10.1	26	3	32	-5	23	0
SÎWA	320	8	16	02	0	0	—	13.0	25	1	30	-2	21	0
BAHARÎYA	330	2	10	02	0	0	—	13.7	23	8	29	-4	38	0
FARAFRA	360	2	12	02	0	0	—	14.4	23	13	31		53	0
DAKHLA	10	3	9	02	0	0	—	13.2	25	12	31	-5	45	0
KHARGA	350	5	8	02	0	0	—	10.4	25	0	31	-5	19	0
SUEZ	360	9	10	01	0	0	—	14.4	22	17	27	-3	74	0
TÔR														
HURGHÂDA	300	13	12	01	0	1	ci	10.4	22	9	28	+1	44	0
QUSEIR	00	0	20	02	0	0	—	10.8	23	10	27	-2	44	0
PORT SÛDÂN	360	6	20	02	0	1	Ac	11.1	25	17	33		61	0
WÂDI HALFA	30	7	20	02	0	0	—	11.1	26	-3	33		15	0
ABU HAMAD	360	5	24	01	0	0	—	8.5	27	-10	35		8	0
KAREIMA	30	4	21	01	1	0	—	8.4	27	-2	35		15	0
'ATBARA	360	2	20	02	2	0	—	7.3	28	2	37		19	0
KHARTOÛM	320	7	20	01	2	2	ci	6.8	32	0	38		13	0
KASSALA	00	0	20	01	0	0	—	6.1	29	3	40		19	0
WÂD MEDANI														
RENK											39			
ROSEIRES											37			
EL OBEID	00	0	20	01	1	1	ci	7.2	29	7	37		25	0
EL FASHER	50	6	20	02	2	7	cs	5.9	31	5	37		19	0
GENEINA	50	2	30	01	2	2	ci	5.8	32	6	38		20	0
MALAKÂL	230	7	20	02	2	6	Ac, cs	8.0	27					
WÂU	00	0	20	13	2	2	cb, ci	6.5	30	23	35		66	0
JUBA	130	2	24	13	2	5	sc, As, ci	8.7	25	23	30		89	0

At 0600 on TUESDAY 30th APRIL, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	00	0	18	02	2	7	Sc, Ac, ci	14.4	+1.0	20	10	14	-1	53	0	257	
SÎDI BARRÂNI	180	13	16	00	0	0	—	14.7		19	9	11		52	0	254	
MATRÛH (A)	200	6	16	02	0	0	—	15.6	+1.4	19	10	16		56	0	265	
EL DAB'AA	00	0	10	00	0	0	—	15.2		17	13	9		77	0	283	
ALEXANDRIA																283	183
ALEXANDRIA (A)	40	1	12	03	0	5	Sc	14.4	-0.6	21	14	12	-3	65	0	255	178
DAMIETTA	220	2		03	0	6	cu	14.2	+0.3	20	14	15	-1	69	0	238	183
PORT SA'ID (A)	260	1	15	01	1	6	sc	14.6	+0.3	21	13	17	-1	61	0		
EL 'ARISH																	
DAMANHÛR	40	2	10	02	0	0	—	15.8	+1.8	19	12	14	0	64	0	140	98
MANŞÛRA	00	0		03	1	6	cu	15.6	+1.5	18	13	13		73	0	73	52
ṬANṬA	00	0	20	02	0	0	—	15.2	+1.1	18	13	11	-2	73	0	79	40
SHEBÎN EL KÔM	230	2	10	01	1	2	cu	15.5	+1.3	19	12	14		64	0	58	
ZAGAZIG	270	1	10	02	0	0	—	15.3	+1.1	18	15	14	+1	83	0	53	26
ISMA'ILÍA																	
CAIRO (A)	40	2	12	02	0	3	Sc	15.4		18	14	13		78	0	48	
CAIRO ALMÂZA (A)	40	4	15	02	0	0	—	15.3	+0.7	18	13	13	-3	73	0	53	
CAIRO EZBEKÎYA										20	12	14	-1	60	0	43	24
GIZA	50	5	4	47	—	—	—	15.5	+1.7	18	14	13	+1	78	0	53	24
HELWÂN	00	0	10	04	0	0	—	15.1	+1.7	18	10	13	-3	60	0	36	27
FAYOÛM	360	6	20	02	0	0	—	15.4	+2.0	20	10	14	-1	53	0	16	8
MINYA (A)	00	0	7	02	0	0	—	14.7	+0.1	19	13	12	-2	68	0	2	
AŞYOÛT (A)	00	0	16	02	0	0	—	14.8	+2.0	21	10	15	-2	50	0	dr	
NAG' HAMÂDI	00	0		01	0	3	Ac	12.6	+0.6	25	11	14	-2	42	0	1	
QENA	270	2	10	00	0	0	—	13.6	+2.2	24	6	15	-3	32	0	dr	
LUXOR (A)	280	4	22	02	0	0	—	13.2	+1.5	22	5	15		33	0	0	
ASWÂN	20	5	12	02	0	0	—	13.9	+2.4	24	1	17	-4	22	0	8	
SÎWA	120	6	15	02	0	0	—	14.3	-1.5	20	6	14	0	41	0	24	8
BAHARÎYA			10	02	0	0	—	15.2	+1.2	21	11	13	-2	53	0	2	7
FARAFRA			15	02	0	0	—	16.3		19	-5	12		19	0	dr	
DAKHLA	00	0	20	02	0	0	—	15.5	+2.6	21	9	13	-4	47	0	1	
KHARGA	00	0	19	02	0	0	—	13.5	+1.4	21	3	12	-6	31	0	3	
SUEZ	360	3	20	00	0	0	—	16.8	+3.5	19	14	12	-5	73	0	40	16
TÔR																	12
HURGHÂDA	320	14	22	00	0	0	—	12.9	+1.0	23	13	17	-1	53	0	dr	
QUSEIR	350	12	20	02	0	0	—	13.4	+2.0	24	15	20	-2	57	0	dr	4
PORT SÛDÂN	360	7	20	02	0	0	—	12.2		27	16	17		52	0		
WÂDI HALFA	340	3	20	02	0	0	—	14.4		22	-3	15		19	0		
ABU HAMAD	360	9	24	02	0	0	—	12.1		25	-7	16		12	0		
KAREIMA	110	5	21	02	0	0	—	13.0		26	-6	19		12	0		
'ATBARA	350	9	20	02	0	2	ci	11.2		27	-10	19		8	0		
KHARTOÛM	10	5	20	02	1	3	ci	11.3		25	-1	21		18	0		
KASSALA	260	2	20	02	1	0	—	9.1		28	7	16		27	0		
WÂD MEDANI																	
RENK	310	5	20	02	0	0	—	11.6		30	6	24		22	0		
ROSEIRES	310	2	20	02	1	1	ci	9.0		32	4	23		17	0		
EL OBEID	30	13	20	02	1	2	ci	11.0		27	-13	20		6	0		
EL FASHER																	
GENEINA																	
MALAKÂL	200	3	20	02	2	1		11.2		20							
WÂU	00	0	20	01	0	3	Ac	9.5		27	23	25		79	0		
JUBA	140	3	24	03	2	5	Ac	10.8		25	21	20		79	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallouum		Cairo(A)		Aswan		Alex(A)		P-Said		Minya		Siwa		Alex(A)		P-Said		Minya		Siwa	
DATE	30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	90	17	20	16	340	17	360	8	340	16	30	13	80	6	150	7	20	4	20	14	130	23
800 m.	100	17	20	17	330	17	350	10	330	13	260	17	120	3	190	7	100	5	30	15	110	10
1000 m.	360	5	20	18	330	17	340	11	300	14	330	16	180	2	220	6	310	5	30	9	180	11
1500 m.	250	12	60	10	320	17	340	12	300	9	300	16	300	4	290	10	290	7	310	20	230	10
2100 m.	270	16	220	3	330	16			310	10	220	16	300	24	330	23			340	23	250	13
2400 m.	260	15	240	6	320	13			310	12			320	17	330	30			330	28	270	5
3000 m.			340	15					330	10									34	47	330	17
4000 m.			320	23																		
5000 m.																						
6000 m.																						

STATION	Sallouum		Cairo(A)		Aswan		Alex(A)		P-Said		Minya		Siwa		Alex(A)		P-Said		Minya		Siwa	
DATE	30-4		30-4		30-4		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	170	18	90	13	320	16	140	15	260	4	110	6	170	24	180	3	100	3	30	3	180	8
800 m.	160	21	40	5	340	25	140	5	150	4	10	4	210	9	240	3	190	5	20	4	180	16
1000 m.	200	12	320	2	340	26	270	1	320	6	330	10	170	17	310	7	200	4	40	2	220	14
1500 m.	200	13	330	6	10	11					350	19	210	17	310	17	260	9	20	4	240	22
2100 m.	210	10	330	13	330	11					350	52	240	17			300	9			260	27
2400 m.	210	14	330	19							350	35	250	18								
3000 m.											350	40	270	19								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Aswan		Asyout		Luxor		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	170	33	150	3	360	15	60	5	40	12	320	5	10	10	110	5	260	2	20	8	360	11
800 m.	160	21	50	6	350	20	20	9	10	6	280	4	330	5	290	2	270	3	360	9	320	13
1000 m.	140	10	30	10	10	22	340	15	360	21	340	3	40	3	200	3	310	4	10	8	300	17
1500 m.	160	24			350	12			350	14	10	17	10	8	350	10	360	6	40	21	320	22
2100 m.	250	13			330	19			10	19			10	6			100	11	30	6		
2400 m.	200	35							350	16			10	9								
3000 m.	300	23							350	40			20	18								
4000 m.													30	18								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan								
DATE						1-5					1-5								
TIME						1700					1230								
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	30				111	34		360	7					
1000 mb.						64			160	32										
950 mb.																				
900 mb.																				
850 mb.						1484			220	33	1540	17		60	8					
800 mb.																				
700 mb.						3120	7		270	29	3163	7		340	28					
600 mb.																				
500 mb.						5777	-14		280	27	5844	-10		340	30					
400 mb.						7424	-27		270	52	7532	-22		340	52					
300 mb.						9430	-42		270	97	9570	-38		330	44					
200 mb.											12270	-50								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Wednesday 1st May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot Khamasin weather. Moderate to fresh SE ly winds, strong at times with raising dust in scattered places in west coast and western desert. Some high clouds during day.

In Upper Egypt: Light variable to NE ly winds. Some high clouds in the north part.

SEP 16 1957

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 13 U.T. / " " Sunset 16 32 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 30.4.

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	90	10	18	03	1	1	Ac	14.4	24	14	54
	303	SÎDI BARRÂNI	60	15	20	02	0	1	Ac	14.5	22	14	61
	306	MATRÛḤ (A)	30	13	15	02	0	0	—	15.3	24	6	32
	308	EL ḌAB'AA	360	9	20	00	0	0	—	14.9	22	11	50
	319	ALEXANDRIA	310	10	20	01	0	0	—	16.3	22	13	57
	318	ALEXANDRIA (A)	320	11	14	02	0	0	—	15.9	22	14	61
	330	DAMIETTA	320	5	20	01	2	0	—	15.2	23	15	66
	333	PORT SA'ÎD (A)	360	8	20	02	1	0	Cu	15.3	21	15	69
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	5	20	02	1	2	Cu	15.1	25	13	48
	342	MANṢÛRA	270	3	4	01	0	2	Cu	14.3	27	12	40
	348	ṬANṬA	270	7	20	01	1	1	Cu	14.8	28	10	33
	360	SHEBÎN EL KÔM	340	5	20	01	1	1	Cu	14.1	26	4	25
	354	ZAGAZIG	40	1	20	02	0	0	—	13.7	28	10	33
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	300	5	16	02	0	0	—	14.0	27	7	28
	372	CAIRO ALMÂZA (A)	20	8	25	02	0	0	—	13.9	27	6	27
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	9	10	02	0	0	—	13.8	28	9	31
	378	ḤELWÂN	340	4	10	02	0	0	—	13.6	27	6	27
UPPER EGYPT	381	FAYOÛM	380	6	20	02	0	0	—	13.5	28	7	27
	387	MINYA (A)	350	9	10	02	0	0	—	13.1	30	5	21
	393	AṢYOÛṬ (A)	290	10	16	02	0	0	—	13.4	29	4	20
	399	NAG' HAMÂDI	290	2	10	01	0	2	Ac	11.6	32	6	20
	402	QENA	290	2	20	00	5	0	—	12.0	32	2	15
	405	LUXOR (A)	310	9	22	02	0	0	—	11.3	32	3	16
	414	ASWÂN	350	12	20	02	0	0	—	11.1	32	2	15
OASES	417	SÎWA	110	1	16	03	0	1	Ci	13.9	34	3	14
	420	BAḤARÎYA	320	7	20	02	0	0	—	13.8	30	13	35
	423	FARAFRA	320	6	20	02	0	0	—	14.4	32	-5	9
	432	DAKHLA	340	10	24	02	0	0	—	14.4	31		49
	435	KHARGA	00	0	18	02	0	0	—	11.9	32	6	20
RED SEA	450	SUEZ	360	6	50	03	0	1	Cu	15.5	25	17	61
	459	TÔR											
	462	HURGHÂDA	40	10	22	02	0	0	—	11.9	25	16	58
	465	QUSEIR	200	11	20	02	0	0	—	12.8	25	13	48
	641	PORT SÛDÂN	60	15	20	02	0	0	—	10.2	29	20	59
NORTH SUDAN	600	WÂDI HALFA	360	14	20	02	0	0	—	11.7	33	5	17
	640	ABU ḤAMAD	360	5	24	02	0	0	—	9.0	34	-7	7
	660	KAREIMA	70	10	21	02	0	0	—	9.5	35	-3	9
	680	ʿAṬBARA	20	15	10	07	0	0	—	6.4	37	-11	4
	721	KHARṬOÛM	10	10	20	02	0	1	Ci	6.7	37	-5	7
	730	KASSALA	290	3	20	02	0	1	Ci	4.2	38	-4	7
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	50	5	20	02	0	1	Ci	14.1	39	6	13
	771	EL OBEID	10	6	20	02	0	1	Ci	6.3	36	-2	9
	760	EL FASHER	40	3	20	02	2	7	Cs	6.1	37	-7	6
	770	GENEINA	70	5	50	03	0	1	Cu, Cs	7.3	37	0	10
S. SÛDÂN	840	MALAKÂL	350	6	20	02	1	3	Cu	6.9	37	13	24
	880	WÂU											
	941	JUBA	20	3	24	03	1	7	Cb, Cs	7.2	32	21	52

At 1800 on 30.4.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	02	0	0	—	12.8	20	14	26	0	69	0
SÎDI BARRÂNI	110	15	15	02	0	0	—	12.9	18	11	26		64	0
MATRÛḤ (A)	90	7	12	01	0	0	—	14.6	17	12	27		72	0
EL ḌAB'AA	00	0	20	00	0	0	—	14.9	17	11	23		68	0
ALEXANDRIA	360	8	20	02	0	0	—	15.6	18	13	22	-3	73	0
ALEXANDRIA (A)	360	5	12	02	0	0	—	15.1	16	13	23	-2	82	0
DAMIETTA	320	2	3	00	0	0	—	14.9	18	16	22	-3	88	0
PORT SA'ÎD (A)	360	11	18	02	0	0	—	15.0	19	15	23	-1	78	0
EL 'ARISH														
DAMANHÛR														
MANṢÛRA	340	3	1	00	0	0	—	15.2	18	18	28	-2	73	0
ṬANṬA	330	5	10	02	0	0	—	15.5	18	11	29	-1	64	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	15.5	20	8			46	0
ZAGAZIG	40	1	10	02	0	0	—	14.9	21	12	29	-1	57	0
ISMA'ILÎA														
CAIRO (A)	40	10	12	02	0	0	—	15.0	22	11	28		50	0
CAIRO ALMÂZA (A)	20	15	15	02	0	0	—	14.4	23	10	28	-3	44	0
CAIRO EZBEKÎYA											30	-1		
GIZA	90	12	10	02	0	0	—	14.9	23	10	29	-2	44	0
ḤELWÂN	320	1	10	02	0	0	—	13.9	24	6	28	-3	32	0
FAYOÛM	360	4	20	02	0	0	—	13.8	23	8	30	-2	38	0
MINYA (A)	20	8	8	02	0	0	—	13.1	20	6	31	-2	41	0
AṢYOÛṬ (A)	00	0	12	02	0	0	—	12.9	25	7	30	-4	32	0
NAG' HAMÂDI	00	0	4	01	0	1	Ac	12.3	24	6	32	-2	32	0
QENA	270	2	06	06	0	0	—	11.9	26	4	33	-4	25	0
LUXOR (A)	300	11	12	02	0	0	—	11.6	23	1	33		24	0
ASWÂN	360	8	12	02	0	0	—	11.7	28	5	33	-4	23	0
SÎWA	100	4	14	01	1	2	Ci	11.9	28	4	36	+4	22	0
BAḤARÎYA	320	2	10	02	0	0	—	10.1	25	11	31	-2	42	0
FARAFRA	360	1	12	02	0	0	—	14.3	26	8	33		10	0
DAKHLA	10	2	12	02	0	0	—	13.8	27	2	33	-3	20	0
KHARGA	360	2	8	02	0	0	—	11.8	27	4	32	-4	23	0
SUEZ	360	3	10	01	0	0	—	15.6	22	17	28	-3	74	0
TÔR														
HURGHÂDA	340	6	12	02	0	0	—	12.1	22	10	26	-1	47	0
QUSEIR	00	0	20	02	0	0	—	12.2	24	6	26	-3	32	0
PORT SÛDÂN	340	5	20	02	0	0	—	10.9	25	19	30		70	0
WÂDI HALFA	340	8	20	02	0	0	—	[illegible]	27	-1	35		16	0
ABU ḤAMAD	360	9	22	02	0	0	—	8.7	28	-2	37		14	0
KAREIMA	30	2	21	02	0	0	—	8.8	29	3	35		19	0
ʿAṬBARA	10	9	20	02	0	0	—	7.5	29	-2	37		13	0
KHARṬOÛM											37			
KASSALA											39			
WÂD MEDANI											38			
RENK											39			
ROSEIRES											40			
EL OBEID	360	5	20	02	0	1	Ci	7.9	27	-4	36		13	0
EL FASHER	360	21	20	01	2	0	—	6.1	32	-2	38		11	0
GENEINA	20	1	50	02	0	0	—	6.1	34	8	38		20	0
MALAKÂL											38			
WÂU														
JUBA											33			

At 0600 on WEDNESDAY 1st MAY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	190	22	18	02	1	7	Sc	8.2	-5.1	23	8	19	+4	38	0	257	
SÎDI BARRÂNI	180	26	15	00	0	3	Ac	8.9		24	6	16		32	0	254	
MATRÛḤ (A)	170	17	15	01	1	3	Ac	10.9	-3.3	24	3	14		24	0	265	
EL ḌAB'AA	90	10	10	00	0	3	Ci	12.4		19	7	11		46	0	201	
ALEXANDRIA	130	12	20	03	0	1	Ac	14.2	+0.1	19	12	15	-1	67	0	283	184
ALEXANDRIA (A)	160	4	16	03	0	1	Ci	14.1	-0.6	19	11	12	-3	60	0	255	138
DAMIETTA	160	2	10	00	0	0	—	14.8	+0.9	20	16	12	-4	78	0	238	104
PORT SA'ÎD (A)	170	4	14	01	0	0	—	14.4	+0.2	21	12	18	0	57	0		
EL 'ARISH																	
DAMANHÛR	180	2	10	02	0	0	—	14.2	+0.3	21	14	11	-3	65	0	140	99
MANṢÛRA	00	0	3	00	0	0	—	14.6	+0.6	20	15	13	-1	73	0	73	53
ṬANṬA	200	6	20	02	0	0	—	14.1	0.0	20	18	11	-2	73	0	79	41
SHEBÎN EL KÔM	70	2	10	00	0	0	—	14.4		19	14	14		73	0	38	
ZAGAZIG	140	1	10	02	0	0	—	13.9	-0.3	19	16	14	+1	83	0	53	26
ISMA'ILÎA																	
CAIRO (A)	00	0	12	02	0	1	Ac	13.7		23	7	14		36	0	48	
CAIRO ALMÂZA (A)	00	0	12	02	0	0	—	13.5	-1.0	23	8	15	-1	38	0	53	
CAIRO EZBEKÎYA										22	11	14	-1	50	0	43	25
GIZA	00	0	10	02		0	—	14.8	+1.0	21	8	13	0	44	0	53	25
ḤELWÂN	00	0	10	02	0	0	—	14.3	+0.9	21	7	16	0	41	0	36	28
FAYOÛM	00	0	20	02	0	0	—	14.6	+1.2	23	13	14	-1	53	0	16	8
MINYA (A)	170	1	7	02	0	0	—	13.9	-0.6	21	10	12	-3	50	0	2	
AṢYOÛṬ (A)	00	0	12	02	0	0	—	14.7	+2.0	22	4	17	0	31	0	dr	
NAG' HAMÂDI	00	0	10	01	0	2	Ac	13.8	+1.8	21	10	14	-3	50	0	1	
QENA	180	0	10	00	5	0	—	13.0	+1.6	24	8	17	-1	36	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	13.2	+1.6	26	4	14		25	0	0	
ASWÂN	00	0	12	02	0	0	—	13.6	+2.2	25	6	16	-6	30	0	0	
SÎWA	100	6	15	02	1	4	Ac, Cs	11.7	-3.1	22	2	17	-3	27	0	24	8
BAḤARÎYA	70	3	20	02	0	0	—	13.7	-0.2	23	13	14	-1	53	0	2	7
FARAFRA	00	0	15	02	0	0	—	14.6		22	-6	15		15	0	dr	
DAKHLA	00	0	20	02	0	0	—	14.3	+1.5	22	3	16	-1	29	0	1	
KHARGA	00	0	8	02	0	0	—	12.8	+0.7	24	8	13	-5	36	0	3	
SUEZ	00	0	20	00	0	0	—	15.8	+2.5	19	16	12	-4	83	0	40	16
TÔR																	12
HURGHÂDA	340	6	22	00	0	0	—	13.9	+2.1	24	14	15	-3	54	0	dr	
QUSEIR	340	12	20	02	0	0	—	13.2	+1.9	25	15	20	-2	54	0	dr	4
PORT SÛDÂN																	
WÂDI HALFA																	
ABU ḤAMAD																	
KAREIMA																	
ʿAṬBARA	350	8	20	02	0	0	—	11.1		27	-3	21		14	0		
KHARṬOÛM	10	11	20	02	0	0	—	11.3		26	2	18		21	0		
KASSALA	320	1	20	02	0	0	—	9.9		25	5	16		28	0		
WÂD MEDANI	360	9	20	02	0	0	—	10.9		27	-4	16		13	0		
RENK	180	2	20	02	0	0	—	12.3		27	4	20		23	0		
ROSEIRES	230	5	20	02	0	1	Ci	10.1		28	2	20		19	0		
EL OBEID	360	11	20	03	0	2	Ci	10.7		26	-15	18		6	0		
EL FASHER	340	7	30	03	0	7	Cs	14.1		22	1	15		25	0		
GENEINA	70	8	50	03	0	2	Cs	13.4		25	-17	20		5	0		
MALAKÂL	00	0	20	02	2	6	Cs	11.8		28	20	23		62	0		
WÂU																	
JUBA	180	10	24	03	2	7	Ac	10.9		25	22	23		84	1		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]	[illegible]	[illegible]	[illegible]	P. Said	Minya	Fayoum	Alex (A)	Matruh	Minya	Siwa
DATE	[illegible]	[illegible]	[illegible]	[illegible]	1-5	1-5	1-5	1-5	1-5	1-5	1-5
TIME	[illegible]	[illegible]	[illegible]	[illegible]	1700	1700	1700	2300	2300	2300	2300

ALTITUDE	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	P. Said DIR.	P. Said SPEED	Minya DIR.	Minya SPEED	Fayoum DIR.	Fayoum SPEED	Alex (A) DIR.	Alex (A) SPEED	Matruh DIR.	Matruh SPEED	Minya DIR.	Minya SPEED	Siwa DIR.	Siwa SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20	30	6	90	8	190	10	170	42	270	14	170	7	280	22
600 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	240	9	80	4	190	16	140	81	270	20	170	8	300	25
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	240	16	290	3	200	15	[illegible]	[illegible]	260	25	190	8	290	22
1500 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	210	9	290	16	320	2	220	19	[illegible]	[illegible]	260	17	240	6	280	24
2100 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	[illegible]	19			320	13	[illegible]	49	260	12	290	15	280	29
2400 m							[illegible]	20	[illegible]	24			320	23					220	19	280	29
3000 m							[illegible]	20	320	25			340	31								
4000 m													[illegible]	[illegible]								
5000 m																						
6000 m																						

STATION	[illegible]	[illegible]	[illegible]	[illegible]	Alex (A)	P. Said	Minya	Siwa	Fayoum	P. Said	Minya	Siwa
DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2-5	2-5	2-5	2-5	2-5	2-5	2-5
TIME	[illegible]	[illegible]	[illegible]	[illegible]	0500	0500	0500	0500	1100	1100	1100	1100

ALTITUDE	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	P. Said DIR.	P. Said SPEED	Minya DIR.	Minya SPEED	Siwa DIR.	Siwa SPEED	Fayoum DIR.	Fayoum SPEED	P. Said DIR.	P. Said SPEED	Minya DIR.	Minya SPEED	Siwa DIR.	Siwa SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	120	13	200	21	20	14	300	12	240	16	250	17	280	4
600 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	140	17	210	24	[illegible]	7	230	22	240	19	260	22	300	9
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	160	21	230	24	340	7	280	23	230	24	260	29	290	17
1500 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	180	22	260	30	300	13	300	33	220	14	260	33	270	28
2100 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30					322	22	300	47	120	6	210	13	270	40
2400 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29					310	22			80	6	220	19		
3000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]																
4000 m																						
5000 m																						
6000 m																						

STATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Asyut	Luxor	Bahariya	Dakla	Kharga	Hurghada
DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2-5	2-5	2-5	2-5	2-5	2-5
TIME	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1100	1100	1100	1100	1100	1100

ALTITUDE	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	[illegible] DIR.	[illegible] SPEED	Asyut DIR.	Asyut SPEED	Luxor DIR.	Luxor SPEED	Bahariya DIR.	Bahariya SPEED	Dakla DIR.	Dakla SPEED	Kharga DIR.	Kharga SPEED	Hurghada DIR.	Hurghada SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	260	47	260	4	280	12	190	12	190	3	130	16		
600 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	250	54	250	7	280	15	210	42	210	4	140	11		
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	260	23	250	7	280	22	200	17	210	3	100	4		
1500 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	30	20	240	12	290	22			270	3	200	3		
2100 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7			230	13	220	21								
2400 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12			230	14										
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Siwa											
DATE						2-5					2-5											
TIME						1100					1200											
	ALT. m	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						[illegible]	21				111	39		340	7					
1000 mb						[illegible]	23		290	16										
950 mb																				
900 mb																				
850 mb						[illegible]	18		300	27	1567	21		250	8					
800 mb																				
700 mb						[illegible]	7		270	38	3201	11		350	16					
600 mb																				
500 mb						[illegible]	-22		270	36	5821	-8		310	29					
400 mb						[illegible]	-32		280	70	7390	-19		290	43					
300 mb						[illegible]	-44		270	75	9637	-35		300	39					
200 mb						[illegible]	-54		290	83	12256	-57								

REMARKS

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 7th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

A cold front is passing Lower Egypt now towards Cairo and is likely to reach it this evening accompanied with temporary strength in the velocity of hot S'ly winds, causing rising dust and remarkable fall in temp. Winds will vary to mod. N'ly. Some lower med. clouds increasing on N. coast. Fall in temperature extends gradually tomorrow to Middle Egypt; but weather remains hot in the extreme Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 12 U.T. — Sunset 16 33 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 1st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOUM	220	24	18	01	1	0	—	5.7	37	17	31			
	303	SIDI BARRANI	180	29	15	01	1	0	—	7.2	34	9	22			
	306	MATRUH (A)	140	16	16	02	2	7	Ac, As	9.9	33	2	14			
	309	EL DAB'AA	90	9	20	00	0	1	Cs	11.2	29	9	29			
	319	ALEXANDRIA	40	8	20	03	0	5	Cs	13.1	25	13	48			
	318	ALEXANDRIA (A)	20	3	12	02	2	6	Ac	12.9	29	10	31			
	330	DAMIETTA	70	2	20	03	0	0	—	13.4	27	10	35			
	333	PORT SA'ID (A)	50	10	20	03	0	1	Ci	13.2	23	16	65			
	336	EL 'ARISH														
Lower Egypt	339	DAMANHUR	330	2	20	01	0	2	Ci	12.8	28	10	33			
	342	MANSURA	220	3		01	0	2	Ci	13.6						
	348	TANTA	00	0	20	03	2	7	Sc	12.3	31	7	22			
	360	SHEBIN EL KOM	140	5	20	00	0	0	—	13.0	29	3	19			
	354	ZAGAZIG	360	1	20	01	0	3	Ac	12.6	31	10	28			
	441	ISMA'ILIA														
Cairo Area	366	CAIRO (A)	330	7	14	07	0	3	Ci	11.7	30	-1	13			
	372	CAIRO ALMAZA (A)	340	5	15	03	0	3	Ci	11.8	33	9	23			
	374	CAIRO EZBEKIYA														
	375	GIZA														
	378	HELWAN	270	3	10	03	1	1	Ci	11.8	30	5	21			
Upper Egypt	381	FAYOUM	00	0	20	02	0	0	—	12.6	32	10	26			
	387	MINYA (A)	360	2	9	02	0	0	—	11.8	33	5	17			
	393	ASYOUT (A)	320	3	18	02	0	0	—	11.6	33	4	16			
	399	NAG' HAMADI	00	0		00	0	0	—	10.8	34	3	14			
	402	QENA	00	0	20	00	0	0	—	10.7	35	1	12			
	405	LUXOR (A)	00	0	22	02	0	0	—	10.7	34	-4	9			
	414	ASWAN	360	7	15	02	0	0	—	10.1	34	3	14			
Oases	417	SIWA	180	17	10	03	2	8	Ns, As	9.2	38	-1	9			
	420	BAHARIYA	340	3	20	02	2	7	Ac, As	12.2	36	15	29			
	423	FARAFRA	70	2	20	03	0	2	Ci	12.0	36	-2	9			
	432	DAKHLA	340	3	24	02	0	0	—	12.7	36	9	19			
	435	KHARGA	10	1	8	05	0	0	—	10.2	34	6	18			
Red Sea	450	SUEZ	180	3	50	02	0	0	—	15.1	29	20	59			
	459	TOR														
	462	HURGHADA														
	465	QUSEIR	200	10	20	02	0	0	—	12.8	25	19	70			
	641	PORT SUDAN	70	10	20	02	0	0	—	10.5	28	19	58			
North Sudan	600	WADI HALFA	360	8	20	02	0	0	—	10.4	34	-7	7			
	640	ABU HAMAD	310	2	24	02	0	0	—	10.4	35	-1	10			
	660	KAREIMA	40	5	21	02	0	0	—	8.5	35	10	22			
	680	'ATBARA	20	5	20	02	0	0	—	6.6	37	-6	6			
	721	KHARTOUM	360	6	20	02	0	0	—	6.7	36					
	730	KASSALA	260	5	20	02	0	0	—	5.8	35					
Central Sudan	751	WAD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	310	5	20	02	0	1	Ci	4.2	38	2	11			
	760	EL FASHER	360	9	20	03	0	1	Cu	6.7	36	-7	6			
	770	GENEINA	00	0	20	01	2	5	Cu, Ci	6.9	34	21	47			
S. Sudan	840	MALAKAL	330	1	20	02	2	7	Ch, Cs	7.3	37	11	20			
	880	WAU	00	0	20	01	2	5	Cu, Ci	6.9	34	21	47			
	941	JUBA	140	7	24	03	2	5	Ch	6.9	32	23	59			

At 1800 on 1st

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOUM	350	22	12	02	0	0	—	6.0	28	0	39	+13	25	0
303	SIDI BARRANI	300	19	18	01	0	0	—	6.1	24	4	38		28	0
306	MATRUH (A)	150	20	14	02	0	0	—	6.2	30	-2	35		12	0
309	EL DAB'AA	90	2	20	00	0	0	—	7.6	22	11	33		50	0
319	ALEXANDRIA	130	10	20	01	1	0	—	10.3	25	13	30	+5	48	0
318	ALEXANDRIA (A)	120	5	12	01	2	0	—	9.8	22	15	31	+6	65	0
330	DAMIETTA	70	2		02	0	3	Ac	11.8	21	14	27	+2	65	0
333	PORT SA'ID (A)	100	15	15	02	2	6	Ac, Ci	11.3	21	16	24	0	74	0
336	EL 'ARISH														
339	DAMANHUR	160	2	10	01	1	2	Cs	10.3	23	12	32	+3	50	0
342	MANSURA	90	5		00	0	0	—	10.4	23	13	36	+6	53	0
348	TANTA	00	0	10	02	0	0	—	10.6	24	10	31	+1	41	0
360	SHEBIN EL KOM	160	2	10	00	0	0	—	10.4	25	8			34	0
354	ZAGAZIG	220	2	10	02	0	0	—	9.3	27	13	31	+1	42	0
441	ISMA'ILIA														
366	CAIRO (A)	160	7	16	01	1	3	Ac	9.6	29	2	32		18	0
372	CAIRO ALMAZA (A)	100	9	18	01	1	1	Ci	9.8	29	6	33	+2	23	0
374	CAIRO EZBEKIYA											34	+3		
375	GIZA														
378	HELWAN	70	3	10	01	1	3	Ci	10.0	28	0	31	0	16	0
381	FAYOUM	00	0	20	02	0	0	—	10.3	26	2	33	+1	21	0
387	MINYA (A)	20	3	8	01	6	5	Ac, Ci	10.7	27	7	34	+1	28	dr
393	ASYOUT (A)	00	0	10	03	1	7	As	12.1	30	8	35	+1	25	0
399	NAG' HAMADI	00	0		01	0	1	Ac	12.0	31	4	34	-1	18	0
402	QENA	290	1		00	0	0	—	10.8	30	1	37	0	16	0
405	LUXOR (A)	280	2	12	02	0	0	—	10.7	30	1	36		16	0
414	ASWAN	00	0	12	02	0	0	—	10.6	29	9	36	-2	29	0
417	SIWA	280	12	5	07	2	7	Ch, As	7.0	34	6	39	+7	18	0
420	BAHARIYA	130	2	10	01	1	2	Ac, As	10.7	28	10	37	+4	32	0
423	FARAFRA	00	0	12	01	1	1	Ci	10.5	28	-2	38		14	0
432	DAKHLA	40	4	9	02	0	0	—	12.4	30	0	37	+1	14	0
435	KHARGA	00	0	7	02	0	0	—	10.9	28	7	36	0	27	0
450	SUEZ	180	2	10	02	0	0	—	12.4	26	20	31	0	70	0
459	TOR														
462	HURGHADA	310	1	12	02	0	0	—	11.5	21	13	27	0	61	0
465	QUSEIR			20	02	0	0	—	12.1	26	7	26	-3	30	0
641	PORT SUDAN	40	8	20	02	0	0	—	9.9	27	21	31		70	0
600	WADI HALFA	40	5	20	02	0	0	—	10.0	29	-3	36		12	0
640	ABU HAMAD	340	5	24	02	0	0	—	8.1	29	1	36		17	0
660	KAREIMA	20	2	21	02	0	0	—	8.3	29	7	35		25	0
680	'ATBARA	360	6	20	02	0	0	—	6.5	30	-1	38		13	0
721	KHARTOUM	340	3	20	02	0	0	—	7.0	33	4	38		16	0
730	KASSALA	00	0	20	02	0	0	—	6.7	27	4	39		23	0
751	WAD MEDANI											39			
801	RENK											39			
802	ROSEIRES											40			
771	EL OBEID	10	4	20	01	0	0	—	7.0	28	-5	37		11	0
760	EL FASHER	70	5	20	02	0	0	—	7.4	30	1	37		16	0
770	GENEINA											38			0
840	MALAKAL	360	2	20	01	2	3	As	7.1	30	11	39		31	0
880	WAU														
941	JUBA	140	24	17	2	7	Ch, Ac		9.8	26	23	32		84	0

At 0600 on THURSDAY 2nd MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOUM	120	24	12	02	0	0	—	7.8	-5.4	23	4	18	+3	47	0	257	
303	SIDI BARRANI	280	13	14	00	0	0	—	9.4		20	15	16		73	0	254	
306	MATRUH (A)	230	17	15	02	0	0	—	8.1	-6.1	20	14	12		69	0	265	
309	EL DAB'AA	250	15	10	00	0	0	—	8.9		21	12	13		57	0	283	
319	ALEXANDRIA	270	10	20	02	0	0	—	7.2	-6.9	21	16	20	+4	74	0	283	184
318	ALEXANDRIA (A)	280	13	12	02	0	0	—	6.4	-8.2	23	12	18	+3	50	0	255	138
330	DAMIETTA	160	2	10	00	0	0	—	8.0	-5.8	25	14	17	+1	51	0	238	164
333	PORT SA'ID (A)	140	15	10	02	0	0	—	7.4	-6.7	24	6	13	-5	32	0		
336	EL 'ARISH																	
339	DAMANHUR	310	9	10	02	0	0	—	7.1	-6.8	28	7	18	+4	27	0	140	99
342	MANSURA	90	5		00	0	0	—	7.0	-7.0	25	10	18	+4	39	0	73	53
348	TANTA	220	5	20	02	0	0	—	7.3	-6.8	26	8	17	+4	32	0	79	41
360	SHEBIN EL KOM	160	2	10	00	0	0	—	7.5	-6.7	27	6	20		27	0	58	
354	ZAGAZIG	140	1	10	02	0	0	—	5.9	-8.3	21	16	18	+5	74	0	53	26
441	ISMA'ILIA																	
366	CAIRO (A)	180	24	12	02	0	0	—	6.8		31	-2	24		11	0	48	
372	CAIRO ALMAZA (A)	170	26	8	07	0	0	—	7.2	-7.2	30	4	24	+8	19	0	53	
374	CAIRO EZBEKIYA										27	7	16	0	28	0	43	25
375	GIZA																53	25
378	HELWAN	00	0	10	01	0	0	—	8.4	-5.0	27	6	20	+4	27	0	36	28
381	FAYOUM	200	4	20	03	0	2	Ac	8.7	-4.7	28	12	19	+4	37	0	16	8
387	MINYA (A)	150	9	8	02	1	2	Ci	9.5	-4.9	26	9	18	+3	35	dr.	2	
393	ASYOUT (A)	00	0	12	02	2	7	Ac, As	10.5	-2.1	27	8	22	+4	27	0	dr	
399	NAG' HAMADI	00	0	10	02	0	5	Ac	11.8	-0.1	28	8	15	-1	29	0		
402	QENA			10	00	0	0	—	11.5	+0.2	28	7	19	+1	27	0	dr	
405	LUXOR (A)	00	0	22	02	0	2	Cs	11.2	-0.4	27	6	19		27	0	0	
414	ASWAN	360	5	12	02	0	0	—	11.4	0.0	27	4	20	-2	23	0	8	
417	SIWA	20	9	10	02	1	4	As, As, Ci	8.3	-6.4	26	6	23	+9	28	dr.	24	8
420	BAHARIYA	220	13	10	02	0	0	—	8.2	-5.7	22	14	24	+9	34	0	2	7
423	FARAFRA	270	8	10	06	0	7	Cs	9.6		30	-5	20		18	0	dr	
432	DAKHLA	90	1	15	02	0	1	Ci	12.4	-0.4	27	3	18	+1	22	0	1	
435	KHARGA	00	0	7	02	0	0	—	9.8	-2.2	26	8	17	-2	32	0	3	
450	SUEZ	130	3	20	00	0	4	Cu	11.1	-2.2	24	19	18	+1	74	0	40	16
459	TOR																	13
462	HURGHADA	00	0	22	00	0	2	Ci	10.5	-1.2	29	5	16	-2	22	0	dr	
465	QUSEIR	300	7	20	03	0	3	Ci	11.2	-0.1	30	8	22	0	25	0	dr	4
641	PORT SUDAN	00	0	20	02	0	0	—	11.7		28	15	18		45	0		
600	WADI HALFA	00	0	20	02	0	0	—	11.4		25	1	18		21	0		
640	ABU HAMAD	20	5	22	02	0	0	—	11.1		27	-3	19		14	0		
660	KAREIMA	90	1	21	02	0	0	—	11.3		27	7	20		28	0		
680	'ATBARA	80	8	20	02	0	0	—	10.3		28	3	19		14	0		
721	KHARTOUM	30	12	20	02	0	0	—	9.4		28	0	20		16	0		
730	KASSALA	00	0	20	02	0	0	—	9.1		26	8	15		32	0		
751	WAD MEDANI	50	9	20	02	0	0	—	9.2		29	-9	17		8	0		
801	RENK	50	2	20	02	0	0	—	10.9		33	2	19		19	0		
802	ROSEIRES	230	5	20	02	0	0	—	10.2		29	1	18		17	0		
771	EL OBEID	360	4	20	02	0	0	—	9.4		28	2	19		19	0		
760	EL FASHER	350	1	25	02	0	6	Ac	13.0		23	0	16		24	0		
770	GENEINA	50	1	50	03	0	3	Cs	11.8		22	-5	15		16	0		
840	MALAKAL	260	7	20	02	1	2	Cs	10.9		28	21	23		66	0		
880	WAU																	
941	JUBA	180	5	24	03	1	7	As, Ci	10.7		23	21	21		89	10		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo(A)		Asyout		Aswan		Alex(A)		P-Said		Minya		Siwa		Alex(A)		P-Said		Minya		Siwa	
DATE	2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	14	290	13	40	3	310	17	290	18	300	32	270	22	310	13	300	17	330	10	80	19
600 m.	290	17	300	13	360	1	300	23	280	25	300	30	260	19	310	27	270	23	340	13	70	14
1000 m.	280	20	300	20	210	5	300	31	270	29	320	26	270	23	310	21	270	27	350	16		
1500 m.	320	19	270	13			300	28	260	35	320	26					280	33	330	14		
2100 m.	320	17							260	30									280	10		
2400 m.									280	32												
3000 m.									270	29												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Asyout		Aswan		Alex(A)		P-Said		Minya		Siwa		Alex(A)		P-Said		Minya		Siwa	
DATE	3-5		3-5		2-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	4	340	9	190	5	330	1	200	5	350	17	100	30	280	6	290	10	20	18	120	18
600 m.	300	12	350	8	210	7	320	3	290	5	10	19	140	10	240	10	220	13	10	17	120	18
1000 m.	230	17	320	13	250	7			300	11	10	24	140	6	210	10	220	11	10	19	120	17
1500 m.	270	19	300	26	220	2					20	24	200	4			210	26	20	22	140	18
2100 m.	260	16	300	32									220	12			240	27				
2400 m.			290	31									220	16			270	38				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Asyout		Aswan		Luxor		Kharga		P-Said		Luxor		Fayoum		Cairo		Kharga		Hurghada	
DATE	3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	3	80	14	200	11	[illegible]	[illegible]	[illegible]	8	20	7	340	5	280	23	200	20	340	3	60	10
600 m.	[illegible]	3	250	11	210	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	270	5	200	4	200	23	90	2	350	12
1000 m.	[illegible]	4	340	4	210	15	[illegible]	[illegible]	[illegible]	4	240	14	10	4	270	3	210	28	140	3	10	10
1500 m.			330	24	220	16	[illegible]	[illegible]			280	11	300	9	300	9	210	19	180	4		
2100 m.			320	27			330	24			270	15	310	11	310	15			160	7		
2400 m.			320	26			[illegible]	[illegible]			250	15							190	7		
3000 m.			310	20			320	17											180	17		
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matrub																					
DATE	2-5																					
TIME	1200																					
	ALT m.	TEMP °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED		
Surface						30	20															
1000 mb						108			300	10												
950 mb																						
900 mb																						
850 mb						1491			270	15												
800 mb																						
700 mb						3116	9		240	34												
600 mb																						
500 mb						5787	-13		250	54												
400 mb						7455	-23		270	51												
300 mb						9551	-32															
200 mb						12100	-57															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE .....195 .

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow
Mild weather on the coast, rather hot by day and [illegible] high and medium clouds. Light [illegible]

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunrise 03 11 U T; Sunset 16 34 U T]

All Times are Universal Times (U T) [Two hours slower than local time]

Area	Index Number	Station	At 1200 on 2ND: Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	At 1800 on 2ND: Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	00	0	28	02	0	0	—	9.4	25	19	70	70	4	12	03	0	4	Sc	9.6	18	17	23	-3	94	0
	303	SIDI BARRANI	320	17	12	02	0	2	Sc	9.8	20	17	83	350	10	10	03	1	6	Sc	9.5	17	16	24		94	0
	306	MATRUH (A)	290	22	18	02	0	0	—	9.8	22	16	69	300	8	12	01	0	1	Sc, Cu	10.0	17	15	27		88	0
	309	EL DABAA	90	6	20	00	0	0	—	7.4	25	13	48	90	3	20	00	0	0	—	8.6	18	16	27		88	0
	319	ALEXANDRIA	270	12	20	02	0	0	—	7.2	21			310	8	20	02	0	0	—	9.1	19	16	23	-2	83	0
	318	ALEXANDRIA (A)	280	12	12	02	0	0	—	7.3	25	16	58	300	4	12	02	0	0	—	9.1	19	15	25		78	0
	330	DAMIETTA	330	5	20	02	0	0	—	6.7	23			320	5		02	0	0	—	8.0	20	19	23	-2	94	0
	333	PORT SA'ID (A)	330	11	16	03	0	0	—	6.0	25	19	70	310	19	14	02	0	0	—	8.0	21	18	25	+1	83	0
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHUR	290	9	20	02	0	0	—	7.0	32	11	28	310	2	10	02	0	0	—	8.8	19	16	33	+3	83	0
	342	MANSURA	320	6		02	0	0	—	6.2	35	8	19	320	5		02	0	0	—	8.2	23	15	35	+5	61	0
	348	TANTA	310	12	20	02	0	0	—	6.1	34	9	22	310	8	20	02	0	0	—	8.0	23	12	35	+4	50	0
	360	SHEBIN EL KOM	320	5	20	00	0	0	—	6.2	34	3	14	320	2	10	02	0	0	—	7.8	26					0
	354	ZAGAZIG	270	1	20	02	0	0	—	4.9	35	8	19	180	1	10	02	0	0	—	7.3	27	16	36	+5	52	0
	441	ISMA'ILIA																									
CAIRO AREA	366	CAIRO (A)	300	12	10	02	0	0	—	5.7	36	-1	10	340	5	10	02	0	1	Ac	8.0	27	3	37		22	0
	372	CAIRO ALMAZA (A)	290	10	20	03	0	2	Ac	6.0	36	2	9	300	8	12	01	0	0	—	7.7	29	4	38	+6	20	0
	374	CAIRO EZBEKIYA																						38	+7		
	375	GIZA		10	10	03	0	1	Ac	5.8	37	6	14		7	10	01	0	0	—	7.7	27	7	38	+7	28	0
	378	HELWAN	240	13	10	03	1	2	cs	5.6	36	-7	6	320	3	10	01	1	1	cs	7.6	29	-1	36	+5	14	0
UPPER EGYPT	381	FAYOUM	360	6	20	02	1	4		6.3	38	4	12	360	4	20	01	0	0	—	7.5	28	6	39	+6	25	0
	387	MINYA (A)	280	15	20	03	1	4	Ac, Cu	6.4	Ac	1	9	10	5	8	02	0	5	Cu	6.7	28	8	41	+8	29	0
	393	ASYOUT (A)	270	10	16	02	0	3	Cu	7.7	40	2	10	270	3	10	01	1	3	Ac, Cu	6.9	34	8	40	+6	20	0
	399	NAG' HAMADI	00	0	20	02	0	0	Ac	8.6	38	8	16	00	0	10	01	0	2	Ac, Cu	7.8	28	13	39	+4	40	0
	402	QENA				00	0	0	—	9.8	39	5	12	00	0	20	00	0	0	—	8.5	30	13	38	+1	35	0
	405	LUXOR (A)	200	6	22	02	0	3	cs	8.6	38	0	10	00	0	12	01	0	2	cs	7.8	33	6	40		19	0
	414	ASWAN	360	8	16	03	0	3	Cu	8.7	37	1	16	00	0	12	02	0	2	Cu	8.4	33	8	39	+1	21	0
OASES	417	SIWA	300	8	12	03	1	5	cs	8.1	37	-9	5	300	4	12	02	2	7	Ns, cs	7.4	31	18	38	+6	24	0
	420	BAHARIYA	290	8	10	03	2	7	Ac, cc	6.7	38	18	31	320	2	10	02	1	0	—	8.0	30	13	40	+7	35	0
	423	FARAFRA												250	2	10	02	2	7	Ac	8.9	33	2	40		14	0
	432	DAKHLA	250	11	12	02	0	2	Cu	7.4	40	10	16	350	4	7	01	1	5	Cu	9.0	35	5	42	+6	15	0
	435	KHARGA	250	4	6	03	1	5	Cu	7.2	40	6	12	320	2	6	01	0	2	Cu	7.0	32	8	41	+5	22	0
RED SEA	450	SUEZ	180	6	50	02	0	0	—	8.3	29	14	40	00	0	10	03	0	2	Cu	9.6	28	13	32	+1	40	0
	459	TOR																									
	462	HURGHADA	120	11	22	02	0	1	Cu	9.0	29	16	46														
	465	QUSEIR	120	9	20	01	0	2	Cu	10.8	28	20	62	160	10	20	03	0	3		9.7	26	19	30	0	66	0
	641	PORT SUDAN	70	12	20	02	0	0	—	10.0	29	21	62	00	0	20	03	0	0	—	10.4	24	19	31		74	0
NORTH SUDAN	600	WADI HALFA	30	9	20	02	0	0	—	8.5	38	3	11	50	7	20	02	0	0	—	8.6	33	5	39		17	0
	640	ABU HAMAD	50	9	22	02	0	3	Cu	6.7	38	30	7	20	13	20	03	0	7	—	7.4	31	1	39		15	0
	660	KAREIMA	40	6	21	02	0	2	Cu	6.4	37	30	7	20	7	23	02	0	0	—	7.4	31	2	38		16	0
	680	'ATBARA	200	7	20	03	3	7	cs	5.7	38	3	11	20	2	20	01	0	0	—	5.9	30	3	38		18	0
	721	KHARTOUM	20	6	20	03	0	1	Cu	5.4	38	3	11	360	3	20	01	0	1	Cu	5.6	32	4			17	0
	730	KASSALA	210	4	20	03	0	3	Cu	3.6	38	0	9														
CENTRAL SUDAN	751	WAD MEDANI												50	9	20	02	1	6	Cu	9.0	29	1	40		17	0
	801	RENK	230	5	20	02	0	0	—	7.6	37	9	16	120	2	20	02	.	2	Cc		26	5	39		27	0
	802	ROSEIRES	230	5	20	02	0	1	Cu	4.4	38	3	11														
	771	EL OBEID	20	9	20	03	2	7	cs	5.7	38			10	5	20	02	.	.	—	5.9	29	-1	37		14	0
	760	EL FASHER	20	6	25	02	0	0	—	6.2	36	2	12	10	5	25	02	.	.	—	6.8	29	1	37		17	0
	770	GENEINA	80	7	50	01	1	3	cs	10.2	33	6	8	00	0	50	02	.	1	Cu	9.3	32	1	37		14	0
S. SUDAN	840	MALAKAL	120	1	20	01	1	3	Cu	6.0	37	13	24		4	20	02	1	2	Ac	5.4	31	23	38		62	0
	880	WAU	250	6	20	01	2	2	Cu, Ci	5.8	35	21	44														
	941	JUBA	180	4	24	01	2	2	Cu	6.8	33	22	53	00	0	24	13	1	2	Cb, Ac	5.3	27	24	35		84	0

RETARDS — DATE

At 0600 on FRIDAY, 3RD MAY 1957

Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Pressure Diff. from normal mb	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOUM	00	0	18	02	2	7	Sc	12.6	-6.0	18	16	16	+1	88	0	257	
SIDI BARRANI	100	7	14	00	0	4	Sc	10.4	-3.8	18	14	16		78	0	254	
MATRUH (A)	280	5	15	01	2	6	Sc, Cu	11.5	-2.7	18	12	16		68	0	265	
EL DABAA	40	8	10	00	0	7	Ac, As	10.9		19	14	15		78	0	203	
ALEXANDRIA	310	10	20	03	0	8	As, cs	9.5	-4.6	18	15	16	-1	83	0	283	184
ALEXANDRIA (A)	300	6	12	01	2	5	St	10.9	-2.6	20	15	16	+1	73	0	255	138
DAMIETTA	200	2		03	1	6	Ac	11.1	-2.7	18	16	12	-4	88	0	228	104
PORT SA'ID (A)	230	7	12	02	0	1	Ac	10.0	-4.0	21	16	17	-1	74	0		
EL 'ARISH																	
DAMANHUR	180	2		01	2	5	cs	19.6	-3.3	20	15	15	+1	73	0	140	99
MANSURA	120	3		03	1	8		10.8	-3.2	17	15	14	0	88	0	73	53
TANTA	00	0	20	03	2	8	Cu	9.4	-5.7	19	16	13	0	88	0	79	41
SHEBIN EL KOM	250	2	10	01	1	2	Cu	9.4	-4.8	21	14	15		65	0	58	
ZAGAZIG	00	0	10	03	1	3	Sc	9.0	-5.2	19	16	15	+2	83	0	53	26
ISMA'ILIA																	
CAIRO (A)	240	4	10	03	2	7	Ci	10.7		23	8	17		38	0	48	
CAIRO ALMAZA (A)	260	4	10	02	0	7	Ci	9.9	-4.4	25	9	17	0	36	0	58	
CAIRO EZBEKIYA																43	25
GIZA	00	0	10	03	—	7	Cu, cs	10.8	-2.9	22	12	12	-1	53	0	53	25
HELWAN	00	0	10	03	2	7	Cc	10.7	-2.7	23	8	18	+2	38	0	36	28
FAYOUM	330	4	20	02	2	8	As	11.1	-2.2	22	13	16	+1	67	0	16	8
MINYA (A)	320	2	7	02	2	6	As, As	10.5	-3.8	24	8	16	+1	36	0	8	
ASYOUT (A)	120	3	10	03	1	7	Ac, As	10.1	-2.5	28	5	24	+6	23	0	dr.	
NAG' HAMADI	00	0	10	01	0	3	Ac	10.8	-1.0	29	12	18	+1	35	0	1	
QENA			10	00	0	0	—	10.6	-0.7	33	10	27	+8			dr	
LUXOR (A)	00	0	22	01	0	1	Ci	9.6	-1.9	33	3	26		15	0	0	
ASWAN	00	0	14	02	0	0	—	10.9	-0.4	31	7	23	+1	22	0	8	
SIWA	120	13	12	21	6	7	Ns, cs	8.8	-5.9	25	5	23	+9	28	dr	24	8
BAHARIYA	90	5	10	02	5	7	Ac, As	10.2	-3.6	29	13	21	+6	37	0	2	7
FARAFRA	00	0	15	03	0	3	Ci	10.0		29	1	22		17	0	dr	
DAKHLA	110	11	8	03	0	3	Ci	11.1	-1.6	28	5	22	+5	23	0	1	
KHARGA	00	0	6	02	0	0	—	9.0	-2.9	29	11	23	+4	33	0	3	
SUEZ	00	0	20	00	0	3	Cu	13.0	-2.0	23	10	15	-2	44	0	40	16
TOR																	13
HURGHADA	350	3	22	00	0	0	—	10.6	-1.0	26	20	21	+3	70	0	dr	
QUSEIR	350	11	20	01	0	1	Ci	9.5	-1.7	27	20	23	+1	66	0	dr	4
PORT SUDAN																	
WADI HALFA																	
ABU HAMAD																	
KAREIMA																	
'ATBARA																	
KHARTOUM																	
KASSALA																	
WAD MEDANI																	
RENK																	
ROSEIRES																	
EL OBEID																	
EL FASHER																	
GENEINA																	
MALAKAL																	
WAU																	
JUBA																	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	220	3	40	9	320	9	360	15	340	17	80	11	70	30	100	12	90	10	160	29	80	23
600 m	210	4	40	11	320	14	300	14	280	15	100	12	80	25	130	15	80	8	170	23	90	25
1000 m	210	19	340	13	330	10	270	19	280	23	120	11	120	12	70	14	360	17	180	16	110	7
1500 m	220	27	300	10	350	18			270	29	160	10	240	10			320	26	220	27	270	19
2100 m			240	13	10	14			280	42			250	17			310	30	280	37	330	8
2400 m			260	15	10	14			280	43			260	17			290	30	280	28		
3000 m					360	22							270	30			270	30				
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	3-5		3-5		3-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	80	14	80	22			90	16	90	17	130	15	90	21	70	22	40	16	160	10	320	5
600 m	80	30	40	23	110	22	110	21	80	16	120	12	110	4	110	27	90	10	150	11	330	11
1000 m	60	38	30	17	100	12	100	23	50	15	110	9	280	5	150	21	130	10	140	9	340	12
1500 m	60	20	140	10	30	10	50	23	340	17	60	3	320	9			120	16	160	13	330	12
2100 m	60	45	200	17	320	5	340	5	240	7	100	14	320	13			140	17				
2400 m	50	30	210	26	320	5	180	15	180	12			320	12			120	17				
3000 m							170	12	200	21			270	17								
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh		Cairo (A)		Aswan		Asyout		Luxor		Salloum		Luxor		Bahariya		Farafra		Dakhla		Kharga	
DATE	4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	100	13	110	23	160	10	110	30	120	3	360	13	280	4	230	9	250	7	290	9	220	3
600 m	120	23	80	18	140	21	190	29	130	10	10	5	250	4	230	10	240	6	200	18	200	5
1000 m			110	15	100	14	200	14	140	9	30	7	260	11	230	16	250	7	230	45	260	5
1500 m			200	20	190	6	230	17	170	17	40	4	290	10	240	3	240	8	240	48	260	14
2100 m					310	5	250	18	170	21			290	21	310	2					250	30
2400 m									160	20			280	21	280	2					240	32
3000 m													290	17								
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						4-5					4-5									
TIME						1200					1400									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	21				111	42		300	7					
1000 m						108			330	7										
950 m																				
900 m																				
850 m						1488			220	8	1561	29		300	8					
800 m																				
700 m						3205	5		230	35	3243	13		260	8					
600 m																				
500 m						5969	-12		250	49	5930	-11		280	19					
400 m						7525	-27		250	60	7607	-23								
300 m						9538	-41		260	56										
200 m						12190	-55		270	120										

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 4th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

N. Coast: Mild weather. Mod. NE winds, fresh at times. Low clouds increasing sometimes with light scattered rain. S. Delta, Cairo & Middle Egypt: Hot weather today, but temp. falling tomorrow. Weather becoming gradually mild. Mod. E/SE ly winds, fresh at times; and veering tomorrow to mod. NE ly. Medium clouds increasing sometimes with chance of light rain in scattered places specially in M. Egypt.

Extreme Upper Egypt: Hot weather. Moderate S/SE ly winds. High clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Sunrise 03 10 — Sunset 16 34

All Times are Universal Times (GMT) [Two hours slower than local time]

At 1200 on 3rd

Index No.	Station	Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity
62300	SALLOÛM	70	7	18	02	1	3	AC	12.0	21	17	78
303	SÎDI BARRÂNI	30	14	15	02	0	4	Cu, AC	10.7	20	14	69
306	MATRÛH (A)	330	12	15	03	2	5	AC, Ci	11.4	21	14	65
309	EL DAB'AA	290	4	20	00	0	6	AC	11.6	21	14	65
319	ALEXANDRIA	360	8	20	01	1	6	AC, CS	11.9	21	16	74
318	ALEXANDRIA (A)	350	7	12	02	2	6	AC	11.0	22	15	65
330	DAMIETTA	320	5	20	00	0	0	—	11.1	22	17	74
333	PORT SA'ID (A)	350	15	18	01	0	1	AC, Ci	10.5	21	18	83
336	EL 'ARISH											
339	DAMANHÛR	40	2		03	1	5	NS	10.4	29	14	40
342	MANSÛRA	270	3		01	1	5	AC	11.0	31	10	28
348	TANTA	220	3	20	03	2	8	CS	11.2	29	14	40
360	SHEBÎN EL KÔM	290	5	20	01	1	2	AC	10.0	28	7	27
354	ZAGAZIG	220	2	20	03	2	8	SC	9.7	31	10	28
441	ISMA'ILÎA											
366	CAIRO (A)	280	12	8	02	2	8	Sc, Ac, Cs	10.6	32	5	18
372	CAIRO ALMÂZA (A)	280	10	15	02	2	6	AC	9.5	33	11	26
374	CAIRO EZBEKÎYA											
375	GIZA	120	14	10	01	0	0	—	12.0	34	6	18
378	HELWÂN	00	0	10	02	2	6	AC	9.9	34	-2	10
381	FAYOÛM	00	0	20	02	2	8	AC	9.3	36	11	22
387	MINYA (A)	340	18	8	03	2	5	AC, AS	9.1	36	7	17
393	ASYOÛT (A)	00	0	14	03	2	5	AC, CS	8.8	38	4	12
399	NAG' HAMÂDI	00	0	20	01	0	2	AC	8.6	39	10	17
402	QENA	290	5	20	00	0	0	—	8.0	41	11	17
405	LUXOR (A)	00	0	22	02	0	0	—	8.1	40	5	12
414	ASWÂN	320	12	15	02	0	2	Ci	8.1	40	12	19
417	SÎWA	120	16	12	02	2	3	Ci	6.1	38	0	9
420	BAHARÎYA											
423	FARAFRA	320	18	6	07	0	6	CS	7.5	40	1	8
432	DAKHLA	250	11	9	03	1	5	Ci	9.2	41	14	20
435	KHARGA	00	0	6	06	0	2	Ci	9.3	41	7	13
450	SUEZ	180	5	20	03	0	6	Cu	11.6	28	13	40
459	TÔR											
482	HURGHÂDA	70	3	22	03	0	5	Sc, As, Ci	9.8	30	17	46
465	QUSEIR	350	6	20	03	0	3	Ci	10.6	27	23	79
641	PORT SÛDÂN	90	8	35	02	0	0	—	11.3	29	21	62
600	WÂDI HALFA	280	5	20	02	0	2	Ci	7.9	41	6	12
640	ABU HAMAD	70	9	19	06	0	0	—	5.9	40	6	12
660	KAREIMA	90	8	21	02	0	0	—	9.0	37	4	13
680	'ATBARA	70	7	18	05	0	0	—	4.7	39	-4	7
721	KHARTOÛM	70	4	20	01	1	0	—	4.5	39	3	11
730	KASSALA	20	4	20	01	2	0	—	3.2	39	1	9
751	WÂD MEDANI											
801	RENK	310	5	20	02	0	3	AC	5.7	40	-5	6
802	ROSEIRES											
771	EL OBEID	30	5	20	01	2	5	CS	3.6	38	-7	6
760	EL FASHFR	40	7	25	03	2	7	CS	4.5	38	-6	6
770	GENEINA											
840	MALAKÂL	330	1	20	01	2	5	Cu, CS	4.9	39	14	23
880	WÂU	50	2	20	02	1	6	Cu	5.5	38	17	29
941	JUBA	90	2	50	03	1	5	Cu	4.7	34	19	41

At 1800 on 3rd

Index No.	Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Diff from normal	Relative Humidity	Rain Past 12 hrs. mms
62300	SALLOÛM	250	4	12	02	0	5	Sc	10.2	17	17	21		97	0
303	SÎDI BARRÂNI	70	13	12	01	1	3	Ci	10.2	18	14	21		78	0
306	MATRÛH (A)	40	9	15	01	2	2	AC, Ci	10.7	17	15	22		88	0
309	EL DAB'AA														0
319	ALEXANDRIA	40	18	20	01	0	5	Cu, CS	11.0	18	16	23	-2	88	0
318	ALEXANDRIA (A)	30	15	12	01	2	6	Sc, AC	11.0	18	15	23	-2	83	0
330	DAMIETTA	330	5		03	0	3	Cu	12.7	18	16	22	-3	88	0
333	PORT SA'ID (A)	20	7	12	01	0	2	Ci	12.1	19	16	26	-2	83	0
336	EL 'ARISH														
339	DAMANHÛR	40	5	10	01	1	2	Ci	11.2	18	11	29	0	64	0
342	MANSÛRA	20	5		02	0	0	—	11.4	20	14	31	+1	69	0
348	TANTA	360	3	10	01	1	3	Ci	10.9	19	15	31	0	78	0
360	SHEBÎN EL KÔM	40	2	10	01	1	2	Sc	10.6	22	13			57	0
354	ZAGAZIG	40	2	10	01	1	0	—	10.3	23	16	34	+3	65	0
441	ISMA'ILÎA														
366	CAIRO (A)	30	6	10	01	0	2	AC	10.6	27	8	34		30	0
372	CAIRO ALMÂZA (A)	10	11	12	01	0	0	—	10.4	28	11	36	+4	35	0
374	CAIRO EZBEKÎYA											38	+7		
375	GIZA	140	5	10	01	0	1	Ci	10.5	27	10	36	+5	35	0
378	HELWÂN	360	8	10	01	1	3	CS	10.0	28	7	35	+4	27	0
381	FAYOÛM	00	0	20	01	1	4	AC	9.1	28	10	38	+5	33	0
387	MINYA (A)	80	5	8	01	2	3	Ci	7.5	30	9	39	+6	28	0
393	ASYOÛT (A)	120	2	12	01	2	1	Ci	7.9	32	-1	40	+5	12	0
399	NAG' HAMÂDI	00	0	10	01	0	2	AC	8.7	29	12	41	+6	35	0
402	QENA	290	2		00	0	0	—	8.3	35	11	42	+5	23	0
405	LUXOR (A)	00	0	12	02	2	6	CS	8.7	23	12	41		50	0
414	ASWÂN	360	8	13	02	0	2	Ci	8.1	36	10	42	+4	20	0
417	SÎWA	80	12	12	02	1	6	NS, AS	5.2	33	6	40	+8	19	0
420	BAHARÎYA	130	4	10	03	2	5	AC, AS	5.7	34	15	39	+6	32	0
423	FARAFRA	320	8	10	06	1	5	AC, Ci	5.9	36	-2	42		9	0
432	DAKHLA	270	8	8	03	2	7	Ci	8.4	36	12	42	+6	24	0
435	KHARGA	00	0	6	02	0	0	—	6.8	29	10	41	+5	31	0
450	SUEZ	310	3	10	01	0	3	Cu	11.6	27	16	30	-1	52	0
459	TÔR														
482	HURGHÂDA	140	4	10	01	0	1	Sc	9.8	25	21	31	+4	79	0
465	QUSEIR	—	—	20	02	0	—	—	10.6	26	23	28	-2	84	0
641	PORT SÛDÂN	120	1	20	02	0	0	—	11.4	25	20	30		74	0
600	WÂDI HALFA	60	5	20	01	0	0	—	8.3	35	6	41		16	0
640	ABU HAMAD	50	9	21	02	0	0	—	6.6	35	5	41		15	0
660	KAREIMA	60	5	21	02	0	0	—	6.1	35		40			0
680	'ATBARA	30	6	20	02	0	0	—	5.7	32	-3	40		10	0
721	KHARTOÛM	20	5	20	02	0	0	—	5.1	33	1	40		13	0
730	KASSALA	00	0	20	02	0	0	—	5.6	28	6	40		25	0
751	WÂD MEDANI											41			0
801	RENK														
802	ROSEIRES														
771	EL OBEID	50	4	20	01	1	1	Ci	5.0	30	-4	38		11	0
760	EL FASHFR	40	4	30	02	2	7	CS	5.2	31	5	38		19	0
770	GENEINA											39			0
840	MALAKÂL	30	2	20	03	2	6	CS	4.9	33	13	40		30	0
880	WÂU	00	0	20	01	1	1	AC	4.1	33	18	38		41	0
941	JUBA	00	0	24	13	1	1	Cb	5.8	28	23	36		74	0

633 51 212 18 027 06 980 20 119 18 00900 26304 08115

SHIP REPORTS
Là Cere.

At 0600 on SATURDAY 4th MAY, 1957

Index No.	Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Diff from normal	Relative Humidity	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	180	10	18	02	2	6	Sc	12.3	-0.9	18	17	17	+2	94	0	157	
303	SÎDI BARRÂNI	360	13	14	00	0	7	Sc	11.7		19	13	15		68	0	254	
306	MATRÛH (A)	360	5	16	01	2	5	Sc	11.5	-2.7	19	16	12		83	0	265	
309	EL DAB'AA	20	8	10	00	0	0	—	10.8		20	17	15		83	0	203	
319	ALEXANDRIA	90	11	10	01	1	0	—	11.8	-2.3	20	17	16	-1	83	dr	283	184
318	ALEXANDRIA (A)	100	8	12	02	0	0	—	11.6	-2.9	21	16	16	+1	74	0	255	138
330	DAMIETTA	110	2	10	00	0	0	—	11.9	-1.9	22	18	16	0	78	0	238	164
333	PORT SA'ID (A)	90	13	8	01	1	1	Sc	11.2	-2.7	21	18	18	0	83	dr		
336	EL 'ARISH																	
339	DAMANHÛR	160	2	10	02	0	3	Ci	11.1	-2.8	21	16	14	0	74	0	140	99
342	MANSÛRA	90	5		00	0	0	—	11.4	-2.5	22	17	15	+1	74	0	73	53
348	TANTA	130	10	20	01	1	1	Ci	10.9	-3.2	21	15	14	0	69	dr	79	41
360	SHEBÎN EL KÔM	40	2	10	01	1	2	Ci	10.4	-3.8	22	13	16		57	0	58	
354	ZAGAZIG	40	1	10	03	1	3	Sc	9.3	-4.9	21	16	16	+2	74	0	53	26
441	ISMA'ILÎA																	
366	CAIRO (A)	90	10	20	03	1	5	AC, CC	9.4		27	8	20		30	0	48	
372	CAIRO ALMÂZA (A)	50	6	15	02	2	6	Ci	9.3	-4.9	28	9	20	+3	31	0.1	53	
374	CAIRO EZBEKÎYA										25	14	20	+4	51	0	43	25
375	GIZA	140	3	10	03		5	Ci	10.0	-3.7	26	14	18	+5	48	0	53	25
378	HELWÂN	00	0	4	02	2	6	Ci	10.1	-3.3	27	9	23	+7	33	0	36	28
381	FAYOÛM	160	4	20	02	2	7	AC	8.6	-4.6	27	15	21	+6	48	0	16	8
387	MINYA (A)	130	3	5	02	6	8	AC, AS	8.8	-5.4	29	14	22	+7	40	dr	2	
393	ASYOÛT (A)	140	10	12	02	2	8	AS	8.4	-4.1	32	1	28	+10	14	0	dr	
399	NAG' HAMÂDI	00	0	10	01	0	3	AC	10.8	-1.0	29	12	23	+6	35	0	1	
402	QENA	00	0	10	03	1	6	AC	10.8	-0.4	32	14	24	+5	34	0	dr	
405	LUXOR (A)	40	8	22	03	0	2	CS	9.9	-1.5	32	3	24		16	0	0	
414	ASWÂN	00	0	12	02	0	0	—	9.5	-1.7	32	9	26	+4	24	0	8	
417	SÎWA	100	8	14	01	6	1	NS	8.2	-6.5	25	7	21	+6	32	dr	24	8
420	BAHARÎYA	90	7	10	02	2	7	CS	7.3	-6.5	31	17	26	+11	43	dr	2	7
423	FARAFRA	250	3	14	03	2	6	Cu, AC	6.8		34	1	27		12	0	dr	
432	DAKHLA	90	9	9	03	0	5	Ci	10.0	-2.7	31	12	26	+8	31	0	1	
435	KHARGA	00	0	7	03	0	4	AC	7.9	-4.0	30	7	19	0	24	0	3	
450	SUEZ	00	0	20	00	0	3	Cu	13.0	-0.2	24	18	17	0	69	0	40	16
459	TÔR																	13
482	HURGHÂDA	160	7	22	00	0	6	Sc, As, Ci	10.7	-0.8	26	22	20	+1	79	0	dr	
465	QUSEIR	340	12	20	03	0	5	CS	12.4	+1.3	25	24	21	1	94	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI HALFA	00	0	20	02	0	0	—	8.9		30	8	23		25	0		
640	ABU HAMAD	00	0	50	02	0	0	—	9.7			4	21			0		
660	KAREIMA																	
680	'ATBARA	60	6	20	02	0	0	—	8.4		31	-3	21		11	0		
721	KHARTOÛM	00	0	20	01	0	0	—	8.3		29	3	24		19	0		
730	KASSALA	00	0	20	02	0	0	—	7.6		30	13	24		35	0		
751	WÂD MEDANI	20	4	20	02	0	0	—	8.2		30	6	17		22	0		
801	RENK																	
802	ROSEIRES																	
771	EL OBEID			20	01	0	1	Ci	8.0		30	-6			9	0		
760	EL FASHFR	340	4	25	02	2	7	CS	10.3			-1	18			0		
770	GENEINA	00	0	30	01	0	1	CS	12.4		22	-1	17		21	0		
840	MALAKÂL	320	5	20	02	2	7	CS	9.1		30	15	23		40	0		
880	WÂU	200	6	20	02	2	6	CS	8.0		28	20			62	0		
941	JUBA	170	10	25	03	2	7	AC, Ci	9.0		27	22	23		74	0		

Areas: MEDITERRANEAN (62300–336); LOWER EGYPT (339–441); CAIRO AREA (366–378); UPPER EGYPT (381–414); OASES (417–435); RED SEA (450–641); NORTH SUDAN (600–730); CENTRAL SUDAN (751–770); S. SÛDÂN (840–941).

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sollum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	210	16	60	11	280	5	50	45	40	28	200	6	350	17	360	13	50	23	360	31	30	17
600 m.	10	14	30	14	280	6	60	15	70	16	210	7	340	15	40	18	70	22	10	17	20	17
1000 m.	360	13	140	8	280	6	220	2	100	11	210	8	340	16	20	19	80	14	350	19	350	17
1500 m.	360	10	210	32	290	10	260	10	260	11	240	4	340	10	230	10	270	3	330	29	290	17
2100 m.	10	8	220	27	290	9	260	13	260	21	290	5	320	9	280	11	290	6	320	70	300	23
2400 m.			220	28	300	11	250	21	240	27	240	3	320	14	270	15	250	12			310	23
3000 m.					320	2			240	31					260	20	250	17			280	30
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Asyout		Luxor		Farafra		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	4-5		4-5		4-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5	
TIME	1700		1700		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	280	17	210	4	90	30	320	20	320	22	340	23	10	17	300	26	310	18	350	12	320	9
600 m.	250	23	210	11	320	13	320	20	330	17	320	25	360	14	300	30	300	21	350	18	340	15
1000 m.	260	23	200	13	320	21	320	25	350	7	320	23	320	9	300	30	300	23	330	13	340	17
1500 m.	260	22	210	18	290	23	320	22			320	19	320	24	300	30			310	30	320	33
2100 m.			190	17	280	12	300	31					320	17					300	11	330	30
2400 m.			210	21	320	18	280	23					300	20					280	1	320	34
3000 m.					350	17	290	26														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sollum		Asyout		Aswan		Luxor		Sollum		S. Barrani		Asyout		Baharia		Farafra		Dakhla		Kharga	
DATE	5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	320	20	310	14	90	20	220	25	320	9	300	19	310	24	340	13	320	15	350	35	360	13
600 m.	340	16	320	17	200	16	220	20	300	11	320	17	310	25	340	14	330	13	360	36	350	9
1000 m.	310	19	330	20	320	15	290	22	300	14	320	19	310	28	330	30	340	17	250	13	350	17
1500 m.	320	23	320	19			290	18			300	33	350	12	320	21	320	6	350	28	350	12
2100 m.	310	26					300	35			300	42	290	23	320	23	310	27			10	4
2400 m.	310	27					320	23							310	25	310	15				
3000 m.																	300	37				
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Mallah					Aswan									
DATE						5-5					5-5									
TIME						1200					1130									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	20				111			230	14					
1000 mb.						132	19		320	20										
950 mb.																				
900 mb.																				
850 mb.						1507	10		300	29	1585	30		280	16					
800 mb.																				
700 mb.						3101			300	43	3248	16		280	17					
600 mb.																				
500 mb.						5749	-13				5962	-9		280	40					
400 mb.						7409	-25				7655	-19		280	74					
300 mb.						9539					9724	-36								
200 mb.						12210	-53				12444	-50								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE ...SUNDAY...5th MAY,.....1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather prevails the Republic during day, but rather cold during night. Winds chiefly moderate NWly. Patches of cloud. Fine weather is likely to continue for several days.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 03 09 / Sunset 16 35)

All Times are Universal Times (U.T.) [2 hours slower than local time]

At 1200 on 4th

Area	Index Number	Station	Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar Pressure	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	360	15	18	02	1	6	—	11.4	21	16	74
	303	SÎDI BARRÂNI	36.	16	16	02	2	7	Sc	11.7	20	16	78
	306	MATRÛH (A)	340	12	16	02	2	6	Sc	11.2	21	15	69
	309	EL DABAA	360	12	20	05	0	5	Ac	9.4	21	16	74
	319	ALEXANDRIA	40		20	07	[illegible]	[illegible]	Ci	9.1	21	18	[illegible]
	318	ALEXANDRIA (A)	40	18	14	03	0	4	Ac	8.6	27	18	58
	330	DAMIETTA	40	13	20	02	[illegible]	0	—	9.3	23	18	74
	333	PORT SAÎD (A)	20	20	15	03	0	[illegible]	Sc	8.9	23	15	[illegible]
	338	EL ARISH											
Lower Egypt	335	DAMANHÛR	40	9	20	01	0	0	Ci	8.0	32	16	38
	342	MANSÛRA	20	5	4	02	0	0	—	8.0	30	16	43
	348	TANTA	270	11	20	01	1	4		7.4	36	7	17
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	Ac	7.0	34	3	14
	354	ZAGAZIG	40	1	20	02	0	0	—	5.9	35	11	23
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	290	7	20	03	1	5	Ac	5.9	38	7	15
	372	CAIRO ALMÂZA (A)	250	5	20	03	2	6	Ac, Cs	6.1	39	8	15
	374	CAIRO EZBEKÎYA											
	375	GIZA	10	0	10	05	1	5	Cu, Ac	6.1	38	15	25
	378	HELWÂN	00	0	10	03	2	6	Ac, Cs	5.9	36	7	17
Upper Egypt	381	FAYOÛM	160	4	20	01	1	3		5.3	40	0	8
	387	MINYA (A)	270	14	10	02	1	3	Ac	4.3	43	0	8
	393	ASYOÛT (A)	230	25	6	02	1	5	Ac	4.8	41	2	9
	399	NAG HAMÂDI	00	0	10	05	2	8	As	8.0	35	16	32
	402	QENA	240	4	20	[illegible]	[illegible]	6	Cs	8.2	40	0	12
	405	LUXOR (A)	00	0	22	03	1	5	Ac	7.6	40	9	15
	414	ASWÂN	210	5	12	03	0	3	Ci	6.7	43	13	17
Oases	417	SÎWA	330	10	14	01	0	0	—	7.4	36	-1	16
	420	BAHARÎYA	320	3	10	03	0			5.0	42		
	423	FARAFRA	270	6	2.	03	2	6	Ac	4.7	42	-4	6
	432	DAKHLA	250	9	9	02	2	7	Cs	5.9	43	6	11
	435	KHARGA	00	0	7	[illegible]	1	7	Ac, Ci	5.6	40	8	14
Red Sea	450	SUEZ	180	3	50	03	0	5	Cu	9.0	33	13	30
	459	TÔR											
	462	HURGHÂDA	130	8	22	01	0	5	Sc, Ci	9.6	28	23	74
	465	QUSEIR	340	6	20	03	1	8	Ac	10.7	27	24	84
	641	PORT SÛDÂN	90	10	21	02	0	0	—	7.2	32	23	59
North Sûdân	600	WÂDI HALFA	180	3	20	02	0	0	—	6.4	43	11	15
	640	ABU HAMAD	50	9	22	02	0	0	—	4.8	40	5	15
	660	KAREIMA	90	8	21	02	0	0	—	5.1	41	10	16
	680	'ATBARA	20	10	20	02	0	0	—	3.6	41	0	8
	721	KHARTOÛM	310	14	20	02	0	0	—	3.5	39	1	16
	730	KASSALA	310	2	20	02	0	0	—	1.4	41	7	13
Central Sûdân	751	WÂD MEDANI	310	5	20	02	0	0	—	2.2	41	0	8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	70	7	20	04	1	5	Cs	3.0	39	-1	8
	760	EL FASHER	70	14	30	02	2	7	Cs	4.3	39	1	9
	770	GENEINA											
S. Sûdân	840	MALAKÂL	30	3	20	02	1	5	Cu, Cs	4.0	41	5	11
	880	WÂU	180	4	20	03	2	5	Cu, Ci	4.8	37	17	31
	941	JUBA	130	12	24	14	2	6	Cb, Ci	4.9	34	21	47

At 1800 on 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity	Rain Past 12 hrs mms
Mediterranean	62300	SALLOÛM	270	12	12	02	1	5	Sc, Ac	12.3	18	14	22	-4	78	0
	303	SÎDI BARRÂNI	330	17	14	02	2	7	Sc, Ci	11.9	18	15	21		83	0
	306	MATRÛH (A)	330	10	12	02	2	7	Sc	11.2	18	14	22		78	0
	309	EL DABAA	320	7	20	00	0	7	Ac	9.7	18	16	22		88	0
	319	ALEXANDRIA	40	16	20	01	0	0	—	9.5	19	17	25	0	88	0
	318	ALEXANDRIA (A)	40	13	12	02	0	2	Ac	8.1	20	17	24	-1	83	0
	330	DAMIETTA	40	7	4	02	0	0	—	9.3	20	17	24	-1	83	0
	333	PORT SAÎD (A)	60	11	16	03	0	2	Ac	8.5	20	17	24	0	83	0
	338	EL ARISH														
Lower Egypt	335	DAMANHÛR	40	5	10	01	0	1	Ci	8.8	20	15	33	+4	73	0
	342	MANSÛRA	40	5		01	0	3		8.3	21	15	33	+3	67	0
	348	TANTA	40	6	20	01	1	4	Ci	8.0	21	15	37	+6	69	0
	360	SHEBÎN EL KÔM	40	2	10	01	1	2	Sc	8.0	21	12	37	+6	57	0
	354	ZAGAZIG	220	1	10	02	0	0	—	6.3	23	18	37	+6	74	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)	60	17	10	13	2	8	Ac	6.5	26	14	38		51	0
	372	CAIRO ALMÂZA (A)	40	18	6	13	9	6	As, Ci	6.5	25	14	39	+7	51	dr
	374	CAIRO EZBEKÎYA											40	+9		
	375	GIZA	130	15	8	29	9	0	—	5.5	26	15	39	+8	51	0
	378	HELWÂN	140	15	10	01	6	7	Cb	5.4	29	9	38	+7	29	0.1
Upper Egypt	381	FAYOÛM	160	4	20	01	0	0	—	4.8	30	13	42	+9	35	0
	387	MINYA (A)	140	4	8	02	1	4	Ac	2.7	30	11	43	+9	31	6
	393	ASYOÛT (A)	200	7	15	02	0	1	Ac	3.9	36	4	42	+7	13	0
	399	NAG HAMÂDI	00	0	4	03	2	6	As, Ci	6.4	33	8	37	+2	21	0
	402	QENA	240	7		02	1	8	As, Cs	6.4	32	9	41	+4	24	0
	405	LUXOR (A)	140	5	12	02	2	6	Ac	5.8	38	4	40		12	0
	414	ASWÂN	220	5	12	01	2	6	Ac	5.4	39	-4	44	+6	7	0
Oases	417	SÎWA	10	24	6	07	0	2	Ci	9.2	28	12	38	+5	37	0
	420	BAHARÎYA	320	8	10	02	0	0	—	5.7	31	20	42	+9	52	0
	423	FARAFRA	320	7	12	20	0	0	—	5.4	34	-2	42		10	0
	432	DAKHLA	00	0	4.5	02	9	1	Cs	6.8	37	9	44	+8	18	0
	435	KHARGA	00	0	6	13	2	2	Ac	3.6	34	9	43	+6	22	0
Red Sea	450	SUEZ	270	3	10	01	0	3	Cu	8.3	29	14	33	+2	40	0
	459	TÔR														
	462	HURGHÂDA	180	8	10	60	9	8	Cb, As	8.8	26	18	28	0	62	dr
	465	QUSEIR	180	6	20	01	1	2	St	7.9	26	21	27	-3	74	0
	641	PORT SÛDÂN	00	0	20	02	0	0	—	9.5	27	23	34		79	0
North Sûdân	600	WÂDI HALFA	00	0	20	02	0	0	—	6.1	36	10	43		20	0
	640	ABU HAMAD	90	2	22	02	0	0	—	5.2	34	3	42		14	0
	660	KAREIMA	50	5	21	02	0	0	—	5.3	36	11	41		22	0
	680	'ATBARA	30	6	20	02	0	0	—	3.8	33	-1	41		11	0
	721	KHARTOÛM	350	5	20	02	0	0	—	4.2	34	4	41		15	0
	730	KASSALA	340	1	20	02	0	0	—	3.8	29	7	42		25	0
Central Sûdân	751	WÂD MEDANI														
	801	RENK											40			
	802	ROSEIRES											42			
	771	EL OBEID	20	3	20	01	2	3	Ci	4.3	33	-1	40		11	0
	760	EL FASHER	40	5	40	02	2	7	Cs	4.8	33	6	40		19	0
	770	GENEINA											39			
S. Sûdân	840	MALAKÂL	190	1	20	02	2	6	Ac, Cs	4.5	35	22	41		47	0
	880	WÂU											39			
	941	JUBA	200	3	24	13	2	7	Cb, Cs	7.1	29		34		62	dr

At 0600 on SUNDAY 5th MAY 1957

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	320	12	20	03	1	7	Ci	14.0	+0.9	18	14	16	0	78	0	257	
	303	SÎDI BARRÂNI	320	21	14	00	0	6	Sc	13.7		18	13	16		73	0	254	
	306	MATRÛH (A)	290	19	16	03	2	5	Ac, Sc	13.5	-0.6	19	13	15		68	0	265	
	309	EL DABAA	270	17	10	00	0	3	Ac	12.9		19	14	16		73	0	203	
	319	ALEXANDRIA	310	20		03	0	5	Cu	11.9	-2.2	19	16	17	0	83	0	283	184
	318	ALEXANDRIA (A)	330	14	12	03	0	6	Sc	11.4	-3.0	20	15	18	+3	73	0	256	138
	330	DAMIETTA	320	15				6	Cu	10.3	-3.4	19	16	16	0	83	0	238	104
	333	PORT SAÎD (A)	330	19	10	01	1	5	Sc	9.4	-4.5	20	16	18	-1	78	0		
	338	EL ARISH																	
Lower Egypt	335	DAMANHÛR	330	5	10	02	1	0	—	10.7	-3.2	21	14	15	+1	65	0	140	99
	342	MANSÛRA	320	7		00	0	0	—	9.9	-4.0	21	15	16	+1	69	0	73	53
	348	TANTA	310	8	20	01	1	4	Ci	10.8	-3.3	20	15	15	+1	73	0	79	41
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	Cu	10.8	-3.3	20	13	16		64	0	58	
	354	ZAGAZIG	220	2	10	02	0	0	—	10.3	-3.8	19	16	15	+1	83	0	53	26
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	310	12	8	01	2	5	Sc	10.8	-3.3	18	13	16		73	0	48	
	372	CAIRO ALMÂZA (A)	290	8	12	02	2	7	Sc	10.8		18	13	16	-1	73	dr	53	
	374	CAIRO EZBEKÎYA										19	15	16	0	78	0	43	25
	375	GIZA																53	25
	378	HELWÂN	320	10		05	2	8	St	11.0	-2.3	18	15	16	0	27	0.1	36	28
Upper Egypt	381	FAYOÛM	360	4	20	03	2	7	Ac	11.8	-1.4	21	17	17	+1	78	0	16	8
	387	MINYA (A)	10	1	8	00	0	0	—	10.2	-3.9	22	14	19	+4	61	0	2	
	393	ASYOÛT (A)	320	8	12	02	0	0	—	10.1	-2.4	24	12	23	+5	47	0	dr	
	399	NAG HAMÂDI	270	2	4	01	0	3	Ci	8.1	-4.6	29	12	23	+6	35	0	1	
	402	QENA	240	8	10	10	0	0	—	7.2	-3.1	26	7	24	+5	22	0	dr	
	405	LUXOR (A)	270	12	22	02	0	0	—	7.4	-4.8	34	10	22		23	0	0	
	414	ASWÂN	220	7	12	03	0	4	Cs	7.8	-3.3	35	5	30	+8	15	dr	8	
Oases	417	SÎWA	360	8	14	02	0	2	Ci	15.5		18	11	15	0	64	0	24	8
	420	BAHARÎYA	360	5	10	01	1	1	Ci	12.8	-0.9	19	15	16	+1	78	0	2	7
	423	FARAFRA	20	6	15	02	0	0	—	13.4		21	4	18		33	0	dr	
	432	DAKHLA	320	14	8	03	0	2	Ac	11.9	-0.8	27	10	23	+5	35	0	1	
	435	KHARGA	360	3	6	02	0	0	—	8.0	-3.8	30	8	23	+4	25	0	3	
Red Sea	450	SUEZ	360	5	20	00	0	3	Cu	11.0	-2.1	21	16	16	-1	74	0	40	16
	459	TÔR																	
	462	HURGHÂDA	20	1	15	05	0	0	—	7.0	-4.4	27	17	24	+5	55	dr	dr	
	465	QUSEIR	320	7	10	01	0	0	—	6.7	-4.4	27	21	22	+1	70	0	dr	4
	641	PORT SÛDÂN	180	2	20	02	0	0	—	11.5		31	23	22		62	0		
North Sûdân	600	WÂDI HALFA																	
	640	ABU HAMAD	160	2	24	02	0	0	—	9.5		29	9	21		29	0		
	660	KAREIMA	00	0	21	02	0	0	—	8.8		30	13	21		35	0		
	680	'ATBARA	50	6	20	02	0	0	—	8.1		31	7	23		22	0		
	721	KHARTOÛM	20	7	18	02	0	0	—	7.8		30	12	24		33	0		
	730	KASSALA	100	2	20	02	0	0	—	5.5		35	18	25		37	0		
Central Sûdân	751	WÂD MEDANI	50	5	4	02	0	0	—	7.3		32	15			36	0		
	801	RENK	230	2	20	02	0	0	—	9.9		31	5	25		19	0		
	802	ROSEIRES	330	5	20	02	0	1	Ci	8.4		31	5	21		19	0		
	771	EL OBEID	10	7	15	05	0	0	—	7.3		32	-3	21		10	0		
	760	EL FASHER																	
	770	GENEINA	50	2	50	02	0	1	Cs	11.1		26	-3	19		15	0		
S. Sûdân	840	MALAKÂL	300	13	20	03	1	4	Cs	10.5		29	19	24		55	0		
	880	WÂU	250	9	20	02	0	1	Ci	9.6		27	21	25		70	0		
	941	JUBA	180	12	24	03	0	6	St, Ac	10.0		27	21	23		70	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5	
TIME	1700		1100		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m	330	16	310	15	320	22	310	13	300	16	350	15	330	16	310	12	280	21	10	18	50	13
600 m	330	14	300	24	320	17	310	29	290	17	340	17	330	16	320	14	280	26	360	22	30	4
1000 m.	320	21	320	20	290	17	300	28	290	21	340	24	330	18	320	15	300	21	340	29	270	8
1500 m.	310	52	290	22	310	13					340	23	330	17	300	22	300	17	300	34	310	25
2100 m	310	50	290	27	300	16							330	17	310	26			300	30	330	24
2400 m	310	47	280	19									340	19	300	43			310	34	330	24
3000 m.															300	43			310	40	310	27
4000 m																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Matrud		Alex. (A)		P. Said		Minya		Siwa		S. Barrani		P. Said		Minya		Siwa	
DATE	5-5		5-5		5-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
800 m	360	12	280	8	320	7	280	18	280	23	10	8	110	15	200	15	260	30	340	8	200	9
600 m	340	10	320	12	320	6	280	20	270	16	350	8	120	10	210	9	260	11	340	10	210	6
1000 m	320	24	330	10	330	7	280	13	300	17	320	24	240	4	210	9	250	15	330	10	230	5
1500 m	330	28	320	18	330	8	330	17	290	20	320	43	350	10			240	23	340	16	240	17
2100 m	340	38	290	25	340	8					320	49	320	21			240	17			270	17
2400 m	320	47	280	23	340	10					320	54	320	18			250	18			280	19
3000 m	320	68			340	11							330	29							290	21
4000 m																						
5000 m																						
6000 m.																						

STATION	Salloum		Matrud		Aswan		Luxor		Salloum		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
800 m	320	3	280	8	320	7	340	18	360	27	330	17	340	23	320	6	350	4	10	13	340	29
600 m	310	8	290	7	330	6	340	22	40	19	340	14	150	4	320	8	360	9	350	11	330	30
1000 m	310	16	280	8	330	8	340	22	40	21	320	21	290	6	280	8	310	30	350	20	310	29
1500 m	310	19			50	4	340	22	40	22	350	17	320	16	320	12	320	46	350	20	300	36
2100 m	310	22			20	4	360	20					340	26	320	18						
2400 m	300	26					10	12					10	21	330	21						
3000 m	300	30											30	11								
4000 m	310	30																				
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matrud																
DATE						6-5																
TIME						1300																
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	25													
1000 mb						116	25		280	6										
950 mb																				
900 mb																				
850 mb						1818	15		280	18										
800 mb																				
700 mb						3126	3		280	35										
600 mb																				
500 mb						5748	-16		280	43										
400 mb						7394	-28													
300 mb						9398	-43													
200 mb						12020	-58													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 6th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Mild weather continues all over the Republic. Moderate NW'ly winds. Some low and high clouds during day, dissipating by night and increasing in the early morning.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 08 U.T. / " " Sunset 16 36 U.T.

All Times are Universal Times (U.T) [Two hours slower than local time]

At 1200 on 5th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	320	14	18	02	2	7	ci	14.5	24	13	50
	303	SÎDI BARRÂNI	320	22	18	02	1	6	cs	14.6	20	14	69
	306	MATRÛḤ (A)	300	21	18	02	2	6	ci	13.8	22	11	50
	309	EL ḌAB'AA	290	20	20	00	0	7	AC,AS	12.6	20	13	64
	319	ALEXANDRIA	310	22	20	02	1	5	cu,sc	12.4	20	15	73
	318	ALEXANDRIA (A)	320	19	12	03	2	6	cu	11.9	23	14	57
	330	DAMIETTA	320	9	20	02	1	4	AC	10.4	21	15	69
	333	PORT SA'ÎD (A)	320	21	20	02	0	0	—	10.3	23	16	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	9	20	01	0	2	ci	11.1	23	15	61
	342	MANṢÛRA	340	9		02	0	0	—	10.3	27	11	37
	348	ṬANṬA	310	20	20	03	2	6	ci	10.2	26	14	48
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	ci	10.0	27	6	27
	354	ZAGAZIG	270	1	20	03	1	8	AS	9.9	27	11	37
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	330	13	20	01	2	4	cs	9.5	27	7	28
	372	CAIRO ALMÁZA (A)	290	10	20	02	2	6	cs	9.6	28	7	27
	374	CAIRO EZBEKÎYA											
	375	GIZA	70	14	10	02	1	8	ci	10.7	29	8	27
	378	ḤELWÂN	320	11	20	02	2	7	cu	10.2	27	6	27
Upper Egypt	381	FAYOÛM	330	6	20	02	2	7	AC	10.6	29	9	29
	387	MINYA (A)	360	12	10	02	0	2	ci	9.9	32	6	20
	393	AṢYOÛṬ (A)	320	13	14	01	0	1	ci	10.0	32	4	17
	399	NAG' ḤAMÂDI	290	2	10	01	0	2	AC	7.6	35	11	23
	402	QENA	290	8	20	03	1	2	ci	7.0	39	3	11
	405	LUXOR (A)	320	13	12	02	0	0	—	6.9	38	4	12
	414	ASWÂN	330	14	12	01	0	0	—	5.3	42	-5	5
Oases	417	SÎWA	350	14	16	01	1	2	ci	14.0	29	2	18
	420	BAḤARÎYA	340	9	20	02	0	1	ci	11.4	30	16	43
	423	FARAFRA	360	9	20	03	0	1	ci	13.1	32	-4	10
	432	DAKHLA	340	14	9	02	0	0	—	11.4	34	-13	4
	435	KHARGA	340	10	6	07	0	0	—	7.6	37	4	13
Red Sea	450	SUEZ	360	5	50	03	0	5	cu	10.0	30	8	25
	459	TÔR											
	462	HURGHÂDA	40	5	20	03	2	6	cs	5.0	32	14	34
	465	QUSEIR	350	7	50	03	0	3	ci	6.4	33		
	641	PORT SÛDÂN	120	14	20	03	0	1	cu	8.4	32	26	70
North Sudan	600	WÂDI ḤALFA	340	12	20	02	0	4	AC	5.5	43	11	15
	640	ABU ḤAMAD	130	2	24	03	0	0	—	4.0	41	8	14
	660	KAREIMA											
	680	'AṬBARA											
	721	KHARṬOÛM	20	15	18	07	0	0	—	2.7	41	3	10
	730	KASSALA	230	3	20	03	0	1	cu	0.7	42	9	14
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	40	11	20	03	0	5	AS	2.2	39	1	9
	760	EL FASHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	270	4	20	03	2	5	cb,cs	5.0	39	16	26
	880	WÂU	230	3	20	03	2	6	cu,cs	5.3	36	20	40
	941	JUBA	160	5	24	03	2	7	cb,cs	5.6	34	21	47
		SHIP REPORTS in Code	13243	362	12	08	307	98000		06627	00000		

At 1800 on 5th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	120	10	12	02	0	0	—	14.7	19	10	24	-2	56	0
303	SÎDI BARRÂNI	320	17	14	01	1	2	ci	14.1	17	14	21		83	0
306	MATRÛḤ (A)	280	16	15	02	1	4	cu	14.3	17	13	22		77	0
309	EL ḌAB'AA	290	17	20	00	0	0	—	13.9	17	11	22		68	0
319	ALEXANDRIA	310	18	20	01	1	4	cu	13.6	18	15	22	-3	83	0
318	ALEXANDRIA (A)	320	13	12	02	2	6	cu	13.1	19	13	23	-2	68	0
330	DAMIETTA	320	5		01	1	4	cu	12.2	19	14	21	-4	73	0
333	PORT SA'ÎD (A)	310	21	15	01	1	4	sc	11.9	20	14	24	0	69	0
336	EL 'ARISH														
339	DAMANHÛR	330	9		02	0	2	ci	13.0	18	13	24	-5	73	0
342	MANṢÛRA	320	3		02	0	0	—	12.7	19	12	28	-2	64	0
348	ṬANṬA	270	5	10	03	2	6	ci	12.8	17	13	27	-4	77	0
360	SHEBÎN EL KÔM	320	2	10	01	1	1	sc	12.8	19	12			64	0
354	ZAGAZIG	220	1	10	02	0	0	—	11.9	20	13	28	-3	64	0
441	ISMA'ILÎA														
366	CAIRO (A)	320	11	12	01	0	2	cs	12.8	20	11	28		56	0
372	CAIRO ALMÁZA (A)	300	12	12	01	0	0	—	12.5	20	10	30	-2	53	0
374	CAIRO EZBEKÎYA											31	0		
375	GIZA	90	9	10	01	1	0	—	12.5	14	12	30	-1	88	0
378	ḤELWÂN	340	12	10	01	1	0	—	12.8	20	11	28	-3	56	0
381	FAYOÛM	330	6	20	01	0	0	—	12.7	21	11	30	-3	53	0
387	MINYA (A)	330	9	8	02	0	0	—	11.7	23	6	33	-1	34	0
393	AṢYOÛṬ (A)	320	8	12	02	0	0	—	10.4	26	0	34	-1	18	0
399	NAG' ḤAMÂDI	00	0		01	0	2	AC	9.8	27	11	36	+1	37	0
402	QENA	320	2		02	1	2	ci	9.8	29	3	39	+2	19	0
405	LUXOR (A)	310	6	12	02	0	0	—	8.8	30	3	39		18	0
414	ASWÂN	360	17	14	01	0	0	—	7.5	34	0	43	+5	12	0
417	SÎWA	330	6	14	02	0	1	ci	13.3	26	6	30	-3	28	0
420	BAḤARÎYA	320	7	10	02	0	0	—	12.6	25	13	31	-2	48	0
423	FARAFRA	360	3	12	00	0	0	—	13.8	26	-5	32		13	0
432	DAKHLA	340	8	8	02	0	0	—	13.0	27	-1	35	-2	16	0
435	KHARGA	360	4	8	02	0	0	—	9.0	29	0	38	+1	15	0
450	SUEZ	360	17	10	01	0	3	cu	13.0	22	13	31	0	57	0
459	TÔR														
462	HURGHÂDA	320	26	10	01	0	1	ci	6.7	27	10	32	+4	35	0
465	QUSEIR	350	12	20	01	1	0	—	7.6	29	16	33	+3	46	0
641	PORT SÛDÂN	160	8	20	02	0	0		3.1	30	23	33		66	0
600	WÂDI ḤALFA	10	8	16	05	0	1	AC	6.6	36	11	43		22	0
640	ABU ḤAMAD	310	2	24	02	0	0	—	5.3	36	6	43		15	0
660	KAREIMA	60	2	21	02	0	0	—	5.2	38	10	44		18	0
680	'AṬBARA	20	7	20	01	0	0	—	4.0	35	1	43		12	0
721	KHARṬOÛM	360	7	18	05	0	0	—	2.9	36	8			18	0
730	KASSALA	360	4	20	02	0	0	—	3.0	34	11	43		25	0
751	WÂD MEDANI											43			
801	RENK														
802	ROSEIRES														
771	EL OBEID	30	3	20	01	2	1	cs	4.5	33	-1	41		11	0
760	EL FASHER	00	0	30	02	1	0	—	5.1	33	4	41		16	0
770	GENEINA	20	2	50	01	1	2	ci	5.	33		40			0
840	MALAKÂL	210	13	20	13	2	7	cb,cs	6.4	31	18	40		46	0
880	WÂU	200	1	20	13	1	1	cb	5.7	33	20	38		47	0
941	JUBA	00	0	24	13	2	7	cb,AC,cs	9.6	27	21	35		70	0
	SHIP REPORTS in Code	13228	32	118	017	16	9700x		06337	00020	27503			00026	

At 0600 on MONDAY 6th MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb °C	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOÛM	00	0	18	03	0	3	ci	13.9	+0.8	18	12	14	-2	68	0	257	
303	SÎDI BARRÂNI	230	14	15	00	0	0	—	12.9		18	14	12		78	0	284	
306	MATRÛḤ (A)	220	7	18	02	0	1	cu	13.6	-0.5	18	14	15		78	0	265	
309	EL ḌAB'AA	250	6	10	00	0	0	—	14.2		18	13	12		73	0	202	
319	ALEXANDRIA	310	12	20	03	0	6	cu,sc	13.8	-0.3	18	15	17	0	83	0	283	185
318	ALEXANDRIA (A)	310	11	14	03	2	6	sc	13.6	-0.7	20	12	17	+2	60	0	255	138
330	DAMIETTA	220	2	10	00	0	0	—	13.6	-0.1	18	15	12	-4	83	0	238	104
333	PORT SA'ÎD (A)	250	14	10	02	0	0	—	13.3	-0.5	19	14	16	-3	73	0		
336	EL 'ARISH																	
339	DAMANHÛR	290	5		03	0	4	cu	13.9	0.0	20	13	12	-2	64	0	140	99
342	MANṢÛRA	40	3		00	0	0	—	13.4	-0.4	19	14	15	-2	73	0	73	53
348	ṬANṬA	220	5	20	01	1	4	cu	14.2	+0.1	19	14	12	-2	73	0	79	41
360	SHEBÎN EL KÔM	320	2	10	01	1	1	cu	14.3	+0.2	19	12	13		64	0	68	
354	ZAGAZIG	220	1	10	12	0	0	—	14.6	+0.5	18	13	12	-2	73	0	53	26
441	ISMA'ILÎA																	
366	CAIRO (A)	300	4	14	02	2	6	cu	14.5		18	13	15		73	0	48	
372	CAIRO ALMÁZA (A)	330	6	12	02	0	6	cu	14.0	0.0	19	13	14	-3	68	0	53	
374	CAIRO EZBEKÎYA										18	13	15	-1	73	0	43	25
375	GIZA	00	0	10	03	—	6	cu	15.6	+2.0	18	13	12	-1	73	0	53	25
378	ḤELWÂN	00	0	10	02	2	6	cu	14.8	+1.5	17	13	13	-3	77	0	26	28
381	FAYOÛM	200	4	20	03	0	1	st	15.5	+2.4	19	12	13	-3	64	0	16	8
387	MINYA (A)	20	3	8	02	0	0	—	15.3	+1.3	19	12	15	-1	64	0	2	
393	AṢYOÛṬ (A)	330	7	14	02	0	0	—	15.2	+2.8	19	8	17	-1	49	0	dr	
399	NAG' ḤAMÂDI	00	0		03	1	6	AC	14.4	+2.8	22	9	17	0	44	0	1	
402	QENA	290	6	10	03	1	4	AC	13.8	+2.8	25	2	20	+1	22	0	dr	
405	LUXOR (A)	320	8	22	02	0	4	AC,AS	14.0	+2.7	25	5	20		28	0	0	
414	ASWÂN	360	12	14	03	0	3	ci	12.8	+1.7	26	4	24	+2	25	0	8	
417	SÎWA	120	7	14	02	0	0	—	14.3	-0.3	19	3	14	-1	35	0	24	8
420	BAḤARÎYA	00	0	20	02	0	0	—	14.9	+1.2	20	13	12	-4	64	0	2	7
423	FARAFRA	00	0	15	02	0	0	—	16.8		22	1	15		25	0	dr	
432	DAKHLA	90	5	12	02	0	0	—	16.2	+2.6	22	5	18	0	33	0	1	
435	KHARGA	20	6	6	03	0	2	ci	12.5	+1.8	23	6	19	0	34	0	3	
450	SUEZ	310	3	20	00	0	3	cu	16.4	+3.3	19	16	14	-3	64	0	40	16
459	TÔR																	13
462	HURGHÂDA	320	21	12	00	0	3	ci	12.2	+0.9	23	12	24	+1	50	[illegible]	dr	
465	QUSEIR	350	12	20	03	1	8	AC	7.5	-2.6	24	21	22	0	84	0	dr	4
641	PORT SÛDÂN	70	1	20	02	0	0	—	7.8		31	24	25		66	0		
600	WÂDI ḤALFA	30	26	20	11	0	0	—	12.4		28	6	28		25	0		
640	ABU ḤAMAD	00	0	10	02	0	0	—	7.9		32	4	26		17	0		
660	KAREIMA																	
680	'AṬBARA																	
721	KHARṬOÛM																	
730	KASSALA	00	0	10	04	0	0	—	6.4		34	20	25		44	0		
751	WÂD MEDANI	130	13	20	02	1	4	ci	8.6		32	9	22		24	0		
801	RENK	230	9	20	02	0	0	—	12			11				0		
802	ROSEIRES																	
771	EL OBEID	40	2	18	05	2	5	ci	6.3		31	9	10		26	0		
760	EL FASHER	300	3	17	02	1	0	—	9.4		28	12	21		6	0		
770	GENEINA	00	0	30	03	0	1	ci				0	29			0		
840	MALAKÂL	230	9	20	02	2	7	cs	11.0		28	18	23		55	0		
880	WÂU	220	5	20	02	0	1	ci	9.2		28	19	26		58	0		
941	JUBA	200	20	24	03	1	4	AC,ci	11.2		26	21	23		74	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Luxor		Aswan		Matruh		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	320	9	320	18	350	10	190	13	320	11	80	6	320	9	90	6	150	10	190	9	200	21
600 m	280	5	320	23	350	20	100	17	270	17	110	4	220	11	60	17	260	13	200	11	270	21
1000 m	260	10	320	13	340	16	220	24	250	25	270	4	240	12	20	23	270	35	210	11	220	19
1500 m	280	18	360	22	330	20	290	29	270	23	350	9	250	19			290	14	220	15	260	25
2100 m	300	24	130	10	330	36	250	30	290	36			260	21							260	23
2400 m	300	29	180	18	340	25	260	30	300	47			280	25							280	24
3000 m			190	30					300	44			300	21							270	21
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Luxor		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	6-5		6-5		6-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	170	12	150	4	340	20	270	15	210	21	190	18	220	21	290	15	230	19	230	11	340	6
600 m	160	16	20	6	350	19	280	18	210	26	200	18	240	31	280	16	230	14	220	17	300	6
1000 m	160	16	330	7	360	16	280	18	230	31	180	19	260	24	290	15	220	4	220	11	280	10
1500 m	150	17	100	20	20	17	290	21	250	25	170	24	260	18	280	19	250	18	240	14	260	20
2100 m					310	22			280	38	160	43	260	19			260	23			250	27
2400 m					350	25			270	37	140	38	270	19			260	29			250	28
3000 m									280	35							260	43				
4000 m																						
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Aswan		Asyout		Salloum		S. Barrani		Asyout		Luxor		Dakhla		Kharga			
DATE	7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5			
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100			
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	360	5	310	26	80	8	100	17	340	7	310	23	230	17	200	5	190	5	200	28		
600 m	320	12			70	16	130	8	320	11	310	24	230	24	230	9	200	7	200	14		
1000 m	200	21			80	18	230	5	310	16	310	23	230	49	250	9	200	8	270	3		
1500 m	290	29			40	17			290	15	300	32	220	14	260	8	280	9	220	20		
2100 m	280	30			290	8			250	35			230	27	310	5	320	26				
2400 m									260	31			230	52	300	7						
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh					Aswan									
DATE						7-5					7-5									
TIME						1200					11..									
	ALT m	TEMP °c	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	23				111	36		360	7					
950 mb						96	23		330	18	135	36		360	7					
900 mb																				
850 mb						1501	17		280	22	1564	16		30	6					
800 mb																				
700 mb						3131	9		240	58	3181	8		10	19					
600 mb																				
500 mb						5822	-8				5866	-10		300	32					
400 mb						7528	-19				7542	-23		310	49					
300 mb						9609	-33				9580	-38		330	50					
200 mb						12340	-48													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 7th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Rather hot weather during day. Moderate SWly winds, fresh at times with rising dust. Weather is expected to be mild, and wind velocity to decrease, as from tonight. Medium clouds increasing during day with chance for light rain on W. coast.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 08 U.T. / Sunset 16 36 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	60	7	18	01	1	1	Ci	9.2	26	13	45
	303	SÎDI BARRÂNI	50	12	20	03	1	6	Ac, Ci	10.2	22	13	57
	306	MATRÛH (A)	350	4	16	03	0	4	Ac	11.6	24	12	47
	309	EL DAB'AA	320	4	20	00	0	2	Ci	12.6	23	10	44
	319	ALEXANDRIA	310	12	20	01	1	1	Ci	13.8	20	13	64
	318	ALEXANDRIA (A)	300	12	14	01	2	3	Sc	13.1	22	15	65
	330	DAMIETTA	320	5	20	02	0	0	—	12.5	21	14	65
	333	PORT SA'ÎD (A)	350	17	18	02	0	1	Ci	12.9	21	15	69
	336	EL ARISH											
LOWER EGYPT	339	DAMANHÛR	290	5	20	00	0	0	—	12.7	26	10	37
	342	MANSÛRA	270	3		03	1	5	Cu	11.8	27	11	37
	348	TANTA	240	6	20	01	1	4	Ci	13.2	28	12	37
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	Cu	11.4	26	4	40
	354	ZAGAZIG	270	1	20	02	0	0	—	11.6	26	12	42
	441	ISMA'ILÎA											
CAIRO AREA	366	CAIRO (A)	270	10	20	02	0	0	—	11.7	26	6	28
	372	CAIRO ALMÁZA (A)	260	14	25	02	0	0	—	12.0	28	3	20
	374	CAIRO EZBEKÎYA											
	375	GIZA	10	10	30	01	0	0	—	12.7	28	6	25
	378	HELWÂN	270	8	30	02	0	0	—	12.1	26	7	30
UPPER EGYPT	381	FAYOÛM	200	4	20	01	0	0	—	12.8	27	8	30
	387	MINYA (A)	340	6	10	02	0	0	—	14.7	29	7	25
	393	AṢYOÛT (A)	340	8	16	02	0	0	—	12.6	29	0	15
	399	NAG' HAMÂDI	00	0	10	01	0	2	Ac	11.8	32	2	15
	402	QENA	270	2	20	00	0	0	—	11.6	34	-2	10
	405	LUXOR (A)	320	18	22	01	0	0	—	10.6	32	-3	10
	414	ASWÂN	310	12	15	01	0	1	Cu	10.9	32	-16	4
OASIS	417	SÎWA	210	7	16	01	0	1	Cu	11.6	33	2	14
	420	BAHARÎYA	320	5	20	02	0	0	—	12.6	30	15	40
	423	FARAFRA	00	0	21	03	0	1	Ci	13.2	32	-2	11
	432	DAKHLA	10	8	20	03	0	2	Ci	12.7	33	-13	6
	435	KHARGA	200	8	10	02	0	0	—	10.6	33	2	14
RED SEA	450	SUEZ	180	3	50	01	0	0	—	13.8	25	13	48
	459	TÔR											
	462	HURGHÂDA	340	18	22	02	0	0	—	10.6	27	7	28
	465	QUSEIR	200	14	20	01	1	0	—	11.5	26	12	42
	641	PORT SÛDÂN	40	18	20	02	1	1	Sc, Ac	8.5	30	27	84
NORTH SUDAN	600	WÂDI HALFA	60	17	15	07	0	2	Ac	10.2	36	6	15
	640	ABU HAMAD	360	8	20	02	0	0	—	5.0	41	3	10
	660	KAREIMA	70	2	21	02	0	0	—	4.6	42	1	8
	680	'ATBARA	350	11	15	07	0	2	Cu	5.0	43	-6	5
	721	KHARTOÛM	320	4	20	03	1	3	Cu, Cs	3.2	43	7	12
	730	KASSALA	360	6	16	06	0	1	Cu	1.6	41	2	9
CENTRAL SUDAN	751	WÂD MEDANI	50	2	20	02	1	1	Cu	2.0	42	1	8
	801	RENK	130	2	20	02	0	3	Cu	5.7	40	16	24
	802	ROSEIRES	110	3	20	02	1	3	Cu	1.7	41	12	18
	771	EL OBEID	50	7	20	03	1	7	Ac, Cs	2.8	41	6	12
	760	EL FASHER	360	5	20	03	0	1	Cu	2.7	41	2	9
	770	GENEINA											
S. SUDAN	840	MALAKÂL	260	6	20	01	2	6	Cu, Cs	6.1	34	16	26
	880	WÂU	270	4	20	03	0	1	Cu	4.7	38	18	31
	941	JUBA	180	5	24	03	1	4	Cu, Cs	6.0	35	20	42

At 1800 on 6th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs mms.
SALLOÛM	340	20	12	02	1	7	Ac, Ci	6.1	20	5	26	-1	38	0
SÎDI BARRÂNI	120	12	15	02	2	4	Ac, Ci	6.2	20	15	24		73	0
MATRÛH (A)	100	12	12	02	2	7	Ac, Cs	8.8	19	15	24		78	0
EL DAB'AA	40	4	20	00	0	6	Cs	9.7	19	12	24		64	0
ALEXANDRIA	40	6	20	01	0	0	—	11.5	19	12	22	-3	64	0
ALEXANDRIA (A)	50	3	12	02	0	0	—	11.0	17	13	23		77	0
DAMIETTA	320	2	4	02	0	0	—	11.8	18	15	23	-2	83	0
PORT SA'ÎD (A)	350	4	16	02	0	1	Ac	11.6	19	15	26	+2	78	0
EL ARISH														
DAMANHÛR	330	2	10	00	1	0	—	11.8	18	14	20	-3	60	0
MANSÛRA	360	3		00	0	0	—	11.0	21	15	28	-2	57	0
TANTA	00	0	10	02	0	0	—	11.4	19	14	26	-3	64	0
SHEBÎN EL KÔM	340	2	10	01	1	1	Sc	11.5	22	6			36	0
ZAGAZIG	00	0	10	02	0	0	—	11.3	22	17	27	-4	74	0
ISMA'ILÎA														
CAIRO (A)	350	2	12	02	0	2	Ci	11.3	23	8	28		38	0
CAIRO ALMÁZA (A)	10	5	15	01	0	0	—	11.3	24	6	29	-3	32	0
CAIRO EZBEKÎYA											30	-1		
GIZA	00	0	10	02	0	0	—	11.9	23		27	-2	27	0
HELWÂN	00	0	10	02	0	0	—	11.5	24	7	28	-3	38	0
FAYOÛM	200	2	20	02	0	0	—	11.2	23	10	31	-2	44	0
MINYA (A)	00	0	8	01	0	0	—	11.8	23	9	31	-3	41	0
AṢYOÛT (A)	00	0	12	01	0	2	Ci	12.4	26	5	31	-4	27	0
NAG' HAMÂDI	00	0	4	02	0	4	Ac	12.8	24	12	33	-3	47	0
QENA	320	2		00	0	0	—	11.4	28	0	35	-2	16	0
LUXOR (A)	200	4	12	02	0	0	—	11.0	26	3	34		23	0
ASWÂN	350	6	14	01	0	0	—	10.8	23	-4	34	-4	16	0
SÎWA	180	7	14	03	1	4	Ci	9.2	28	-1	34	+1	15	0
BAHARÎYA	00	0	10	02	0	0	—	11.9	26	13	32	-1	42	0
FARAFRA	120	1	12	00	0	0	—	12.7	24	-6	34		14	0
DAKHLA	00	0	14	02	0	0	—	13.0	28	-5	34	-3	11	0
KHARGA	00	0	9	02	0	0	—	11.0	24	6	34	-3	32	0
SUEZ	360	3	10	02	0	0	—	12.4	24	9	28	-3	38	0
TÔR														
HURGHÂDA	300	6	12	02	0	0	—	10.6	24	8	30	+2	36	0
QUSEIR	340	6	20	02	0	0	—	11.3	24	14	29	-1	54	0
PORT SÛDÂN	350	9	20	01	0	1	Sc, Ac	1.0	27	23	33		79	dr
WÂDI HALFA	40	9	20	02	0	0	—	10.7	29	6	37		23	0
ABU HAMAD	360	13	20	02	0	0	—	7.5	33	-2	42		10	0
KAREIMA	50	10	21	02	0	0	—	6.5	35	-4	43		8	0
'ATBARA	360	10	20	01	0	0	—	4.0	36	5	43		13	0
KHARTOÛM	350	7	20	01	0	0	—	3.9	37	6	44		14	0
KASSALA	320	1	20	03	0	3	Ac	4.2	31	8	42		24	0
WÂD MEDANI											44			
RENK											41			
ROSEIRES											43			
EL OBEID	00	0	20	01	2	0	—	4.6	32	4	42		17	0
EL FASHER	40	8	20	03	1	7	Cs	3.5	35	7	42		18	0
GENEINA	00	0	50	02	1	8	Cs	4.3	34	1	41		12	0
MALAKÂL	220	5	20	01	2	4	Sc, Cs	5.5	34	15	40		32	0
WÂU	00	0	20	01	1	0	—	4.7	35	19	40		34	0
JUBA	180	2	24	13	0	1	Cs	7.5	29	22	35		26	0

At 0600 on TUESDAY 7th MAY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. 24 hrs.	Rainfall mms. Total to date	Rainfall mms. Normal to date
SALLOÛM	00	0	18	02	2	8	Sc, Ac	8.0	-5.1	21	17	19	+3	78	0	357	
SÎDI BARRÂNI	250	10	12	00	0	7	Ac, Cs	7.8		20	17	18		83	0	354	
MATRÛH (A)	280	11	18	02	2	7	Ac, Ci	8.9	-5.2	22	9	18		44	0	265	
EL DAB'AA	200	6	10	00	0	5	Cs	6.5		26	4	17		25	0	203	
ALEXANDRIA	220	8	20	03	0	6	Ac, As	8.6	-5.4	23	10	18	+1	44	0	288	185
ALEXANDRIA (A)	240	9	14	02	0	7	Ac, As	8.2	-6.0	25	9	16	0	36	0	255	138
DAMIETTA	180	2		03	2	8	Sc	10.0	-3.7	21	16	15	-2	74	0	258	164
PORT SA'ÎD (A)	170	14	16	03	2	7	Ac, As	9.2	-4.5	22	12	17	-2	63	0		
EL ARISH																	
DAMANHÛR	200	2		03	1	6	Ac, Ci	9.0	-4.9	23	11	17	+3	47	0	140	99
MANSÛRA	30	3		03	1	6	Ci	9.9	-3.9	22	11	16	+1	50	0	71	53
TANTA	220	7	20	03	2	7	Ac	10.3	-3.8	23		17	+3		0	79	41
SHEBÎN EL KÔM	190	7	10	01	1	3	Sc	10.0	-4.1	24	6	17		32	0	58	
ZAGAZIG	220	2	10	03	1	3	As	8.6	-5.5	24	12	13	-2	47	0	53	26
ISMA'ILÎA																	
CAIRO (A)	170	28	12	02	0	7	Ac	8.1		26	2	20		21	0	48	
CAIRO ALMÁZA (A)	170	9	10	03	2	7	Ac, Ci	8.7	-5.2	27	0	20	+3	17	0	53	
CAIRO EZBEKÎYA										25	10	18	+2	39	0	43	25
GIZA	200	16	8	01	—	7	Ac	9.7	-3.8	23	8	16	+3	38	0	51	25
HELWÂN	140	3	10	02	2	7	Ac, Cc	10.3	-3.0	25	5	20	+3	28	0	46	28
FAYOÛM	200	4	20	02	1	3	Ac	10.6	-2.5	25	8	16	0	34	0	16	8
MINYA (A)	170	9	8	03	0	2	Ac	10.7	-3.2	25	6	16	0	38	0	8	
AṢYOÛT (A)	00	0	16	02	0	0	—	11.7	-0.7	26	3	17	-2	23	0	dr	
NAG' HAMÂDI	00	0	10	01	0	3	Ac	13.3	+1.7	24	12	16	-1	47	0	1	
QENA	360	1	10	00	0	0	—	13.4	+2.4	25	8	17	-2	34	0	dr	
LUXOR (A)	00	0	22	02	0	0	—	13.4	+2.2	27	6	17		27	0	0	
ASWÂN	00	0	14	02	0	0	—	13.3	+2.2	28	5	18	-4	23	0	8	
SÎWA	300	12	14	01	1	1	Ac	8.4	-6.2	28	2	24	+9	14	0	24	8
BAHARÎYA	220	9	20	02	0	1	Ci	9.2	-4.5	28	15	17	+1	45	0	2	7
FARAFRA	260	4	14	03	0	1	Ci	11.2		26	12	18		7	0	dr	
DAKHLA	100	4	20	03	0	2	Ci	12.8	+1.2	25	6	17	-1	13	0	1	
KHARGA	00	0	8	03	0	8	Ci	11.9	+0.2	24	4	14	-6	22	0	3	
SUEZ	180	4	20	00	0	5	Cu	11.6	-1.4	24	14	16	-2	54	0	40	16
TÔR																	13
HURGHÂDA	00	0	22	00	0	0	—	12.4	+1.2	31	6	17	-2	21	0	dr	
QUSEIR	320	6	20	02	0	0	—	13.1	+2.0	28	2	21	-1	19	0	dr	4
PORT SÛDÂN	330	10	20	01	0	0	—	12.0		28	21	22		66	dr		
WÂDI HALFA	00	0	20	02	0	0	—	12.5		35	7	18		32	0		
ABU HAMAD	20	9	22	03	0	1	Ci	11.3		39	-5	24		11	0		
KAREIMA	100	11	20	02	0	0	—	10.7		30	0	25		14	0		
'ATBARA	20	13	20	02	0	0	—	9.3		33	1	24		13	0		
KHARTOÛM	30	18	20	02	0	0	—	7.8		32	0	25		13	0		
KASSALA	50	2	20	02	0	0	—	6.3		35	15	25		30	0		
WÂD MEDANI	50	9	20	02	0	0	—	7.8		34	4	27		9	0		
RENK	230	5	20	02	0	2	Ac	10.4		31	19	26		49	0		
ROSEIRES	230	5	20	02	0	1	Ci	7.6		33	16	21		36	0		
EL OBEID	70	11	15	06	0	1	Ci	8.0		31	-2	24		11	0		
EL FASHER	00	0	10	05	2	7	Cs	10.2		37	5	21		25	0		
GENEINA	170	2	30	02	0	1	Ci	11.5		25	-1	19		18	0		
MALAKÂL	230	14	20	02	1	1	Cs	9.0		31	19	25		49	0		
WÂU	130	2	20	02	0	1	Cs	10.0		31	19	23		49	0		
JUBA	180	8	26	02	1	3	Ac, Ci	10.3		37	20	23		66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Luxor		Asyout		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
DATE	7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	10	17	220	9	250	21	310	21	190	10	250	19	340	14	260	12	220	10	20	6	80	16
600 m	10	18	220	10	250	20	310	28	290	26	250	20	340	15	300	25	270	22	180	15	60	15
1000 m	30	13	220	9	260	19	310	26	290	30	250	22	340	13	260	20	250	16	200	21	90	17
1500 m	360	7	240	11	250	23	310	15	250	20	260	23	350	6	270	30	180	12	220	35	10	4
2100 m			250	10	260	17	280	13			240	17	310	8	250	27	230	34	220	35	340	20
2400 m			260	12	270	19	250	12					300	25	240	20	260	34			290	23
3000 m					270	16							310	32	240	40	270	33				
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Luxor		Aswan		Alex. (A)		P. Said		Minya		Sciwa		Alex. (A)		P. Said		Minya		Sciwa	
DATE	7-5		7-5		7-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	100	15	250	5	300	3	320	23	270	16	200	17	350	15	300	10	290	14	350	16	350	6
600 m	120	30	220	5	350	5	310	38	280	24	220	21	360	21	300	30	300	12	340	18	30	12
1000 m	170	8	210	7			320	38	310	32	220	42	360	17	310	49	330	5	310	16	20	10
1500 m	250	16	210	14	220	2	290	15	280	37	240	30	110	5	290	29	320	9	240	35	20	11
2100 m	250	33	220	17					270	32			260	14			300	10	250	42	20	13
2400 m	240	26	210	18									220	30			300	14	250	38	20	11
3000 m	250	25											250	42			280	24	250	38	20	12
4000 m																						
5000 m																						
6000 m																						

STATION	Cairo (A)		Luxor		Aswan		Asyout		Mahrah		Aswan		Asyout		Luxor		Baharya					
DATE	8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5					
TIME	0500		0500		0500		0500		1200		1200		1100		1130		1100					
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	30	10	230	5	320	5	210	45	290	19	190	10	330	18	210	17	20	18				
600 m	360	14	190	8	300	4	230	33	280	22	190	12	320	12	220	26	20	40				
1000 m	10	10	210	12	330	4	240	23	280	29	200	10	300	10	220	26	20	36				
1500 m	150	3	220	21	350	5	260	22	270	45	210	8	270	26			40	24				
2100 m	120	22	220	35					250	49	280	7					30	14				
2400 m	120	17	220	40					250	46	310	10					220	17				
3000 m									260	54	320	17										
4000 m									260	45	310	26										
5000 m											280	20										
6000 m											260	23										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Mahrah					Aswan									
DATE						8-5					8-5									
TIME						1200					1200									
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	20				111	40		360	10					
1000 mb						86	20		300	18										
950 mb																				
900 mb																				
850 mb						1467	17		260	44	1550	31		210	8					
800 mb																				
700 mb						3089	6		260	54	3249	19		320	17					
600 mb																				
500 mb						5741	-10				6005	-4		280	23					
400 mb						7412	-26				7737	-13		280	28					
300 mb						9424	-41													
200 mb						12070	-56													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 8th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of — shallow fog less than 2 m on land or 10 m. on sea
12 Continuous — shallow fog less than 2 m on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s) — within sight during past hour
20 Drizzle (not freezing) — not falling as shower (s) — during preceding hour not at time of observation
21 Rain (" ") — not falling as shower (s) — during preceding hour not at time of observation
22 Snow — not falling as shower (s) — during preceding hour not at time of observation
23 Rain and snow — not falling as shower (s) — during preceding hour not at time of observation
24 Freezing drizzle or rain — not falling as shower (s) — during preceding hour not at time of observation
25 Shower (s) of rain — during preceding hour not at time of observation
26 " of snow, or of rain and snow — during preceding hour not at time of observation
27 " " hail, " " " " hail — during preceding hour not at time of observation
28 Fog — during preceding hour not at time of observation
29 Thunderstorm with or without precipitation — during preceding hour not at time of observation
30 Slight or moderate duststorm or sandstorm — decreased — during preceding hour
31 Slight or moderate duststorm or sandstorm — no change — during preceding hour
32 Slight or moderate duststorm or sandstorm — increased — during preceding hour
33 Severe duststorm or sandstorm — decreased — during preceding hour
34 Severe duststorm or sandstorm — no change — during preceding hour
35 Severe duststorm or sandstorm — increased — during preceding hour
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent — slight
51 " " " continuous — slight
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles — with or without fog
77 Granular snow — with or without fog
78 Isolated star like snow crystals — with or without fog
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain — Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain — Thunderstorm during preceding hour but not at time of observation
93 Slight snow * — Thunderstorm during preceding hour but not at time of observation
94 Moderate or heavy snow * — Thunderstorm during preceding hour but not at time of observation
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 " " " with " — Thunderstorm at time of observation
97 " heavy without hail — Thunderstorm at time of observation
98 " with duststorm or sandstorm — Thunderstorm at time of observation
99 " heavy with hail — Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather all over the Republic. Medium clouds increasing with chance for scattered rain, probably accompanied with lightning and thunder. Moderate NW'ly winds in Lower Egypt.

In Upper Egypt: Fresh SW'ly winds with rising dust, veering to NW'ly. Dust ends to rise by this afternoon.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 07 U.T. / Sunset 16 37 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 7th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	80	12	16	02	2	7	Ac, Sc	7.7	23	18	74
	303	SÎDI BARRÂNI	320	14	16	02	2	7	Ac, As	7.8	26	15	51
	306	MATRÛH (A)	320	9	14	01	2	5	As, Ac, Sc	8.7	25	14	51
	309	EL DAB'AA	270	10	20	00	0	5	Cs	8.2	25	13	48
	319	ALEXANDRIA	340	12	20	03	1	8	As	8.4	22	15	65
	318	ALEXANDRIA (A)	340	11	12	02	2	7	Ac, As	7.8	24	15	57
	330	DAMIETTA	290	5	10	02	2	8	Ac	8.3	26	13	45
	333	PORT SA'ÎD (A)	270	17	16	03	2	8	As	7.6	29	12	35
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	9	10	02	2	8	Ac, As	8.6	28	13	40
	342	MANSÛRA	00	0		03	2	8	Ac	7.8	30	8	25
	348	TANTA	290	4	20	03	2	8	As	8.6	30	11	31
	360	SHEBÎN EL KÔM	250	2	20	01	1	3	Sc	7.9	30	4	19
	354	ZAGAZIG	220	1	20	03	1	8	Cu	8.6	31	12	31
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	320	9	14	02	2	7	As	7.6	32	1	14
	372	CAIRO ALMÂZA (A)	300	9	20	02	2	8	Ac, As, Cs	7.7	32	2	15
	374	CAIRO EZBEKÎYA											
	375	GIZA	330	5	10	03	2	8	Ac	8.2	32	6	20
	378	HELWÂN	320	13	4	02	1	8	Ci	7.1	34	2	13
Upper Egypt	381	FAYOÛM	290	6	20	02	2	7	Ac	6.7	37	5	13
	387	MINYA (A)	240	11	10	02	0	2	Ac	7.4	39	-1	8
	393	ASYOÛT (A)	180	16	18	02	0	0	—	8.2	37	-6	6
	399	NAG' HAMÂDI	290	1	20	01	0	1	Ac	9.4	37	9	18
	402	QENA	220	2		00	0	0	—	10.8	37	9	18
	405	LUXOR (A)	210	4	22	02	0	0	—	9.6	36	-1	10
	414	ASWÂN	30	8	16	01	0	2	Ci	9.6	37	-4	7
Oases	417	SÎWA	10	7	16	01	1	1	Cs	5.9	37	-1	9
	420	BAHARÎYA	290	11	3	50	3	—	—	6.2	39	21	36
	423	FARAFRA	260	5	10	09	3	7	Cs	7.4	38	-6	6
	432	DAKHLA	200	9	22	03	0	4	As, Cs	10.3	38	-17	3
	435	KHARGA	180	7	8	03	0	1	Ci	8.6	37	4	13
Red Sea	450	SUEZ	180	3	50	03	0	6	Cu	10.4	27	17	55
	459	TÔR											
	462	HURGHÂDA	130	14	22	03	0	1	Cu	9.6	28	17	52
	465	QUSEIR	120	10	20	02	0	0	—	11.3	28	17	52
	641	PORT SÛDÂN	40	13	15	07	0	4	Ci	11.5	31	20	52
North Sudan	600	WÂDI HALFA	30	8	20	02	0	1	Ci	8.8	37	11	20
	640	ABU HAMAD	50	9	32	01	1	2	Ci	2.7	38	-3	7
	660	KAREIMA	80	7	20	02	0	0	—	6.9	39	3	11
	680	'ATBARA	10	12	13	07	0	0	—	4.7	40	1	9
	721	KHARTOÛM	350	11	16	05	0	0	—	3.8	42	5	11
	730	KASSALA	340	9	20	02	0	1	Cu	2.7	41	3	10
Central Sudan	751	WÂD MEDANI	310	9	20	06	0	2	Cu, Cs	2.8	42	-6	5
	801	RENK	270	9	20	02	0	5	Cu	4.2	42	14	19
	802	ROSEIRES	50	9	20	01	1	3	Cu	1.3	42	13	18
	771	EL OBEID	50	7	18	06	0	0	—	6.4	40	-4	6
	760	EL FASHER	80	7	20	02	2	7	Cs	3.6	40	4	11
	770	GENEINA	140	12	30	03	0	1	Cu	4.5	39	-1	8
S. Sûdân	840	MALAKÂL	30	5	20	15	2	5	Cb	4.3	40	12	20
	880	WÂU	270	4	20	03	0	1	Cu	3.7	38	20	35
	941	JUBA	180	4	24	03	1	4	Cu	4.7	36	19	37

Ship reports (1200): 33345 26112 81905 99032 06619 89678 / 33345 27512 80000 98021 06320 80812

At 1800 on 7th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	00	0	12	20	5	7	Sc, Ac	5.6	22	15	25	-2	65	dr
303	SÎDI BARRÂNI	200	11	12	02	2	6	Ac, As	5.7	24	12	29		47	0
306	MATRÛH (A)	00	0	10	01	0	2	Ac	6.9	22	11	30		50	0
309	EL DAB'AA	00	0	20	00	0	0	—	8.0	20	15	28		73	0
319	ALEXANDRIA	360	2	20	02	0	7	Ac	9.3	21	12	25	0	57	0
318	ALEXANDRIA (A)	320	2	12	02	2	7	Ac, As	8.6	21	13	29	+3	61	0
330	DAMIETTA	290	2		02	2	8	As	9.1	22	12	30	+4	53	0
333	PORT SA'ÎD (A)	290	11	12	02	2	7	Ac, As	8.5	23	15	31	+6	61	0
336	EL 'ARISH														
339	DAMANHÛR	200	2		02	1	6	Ac	8.8	21	14	33	+4	65	0
342	MANSÛRA	360	5		03	2	8	Ac	9.1	23	13	31	+1	53	0
348	TANTA	310	6	10	03	2	8	As	9.2	22	14	32	+1	61	0
360	SHEBÎN EL KÔM	40	2	10	01	1	2	Sc	8.6	23	10			44	0
354	ZAGAZIG	270	1	10	02	2	8	Sc	8.6	24	16	32	+1	61	0
441	ISMA'ILÎA														
366	CAIRO (A)	30	7	12	02	2	8	As	8.3	25	6	33		30	0
372	CAIRO ALMÂZA (A)	20	10	10	02	2	8	Ac, As	8.3	26	5	34	+2	27	0
374	CAIRO EZBEKÎYA											35	+4		
375	GIZA	270	7	8	02	2	8		8.3	26	10	34	+2	37	0
378	HELWÂN	40	13	4	02	0	8	Ac, As	8.2	27	-2	35	+4	15	0
381	FAYOÛM	360	4	20	02	0	7	Ac	7.4	27	3	39	+6	22	0
387	MINYA (A)	240	6	7	01	2	6	Ac, As	5.5	32	2	39	+5	15	0
393	ASYOÛT (A)	260	6	12	01	0	0	—	6.7	34	0	40	+4	12	0
399	NAG' HAMÂDI	00	0		00	0	0	—	10.2	26	12	37	+1	42	0
402	QENA	00	0		00	0	0	—	10.7	29	12	38	+1	35	0
405	LUXOR (A)	00	0	12	02	0	0		8.5	30	7	38		24	0
414	ASWÂN	00	0	12	01	1	3	Ci	9.4	31	1	39	+1	15	0
417	SÎWA	360	10	14	03	1	7	Ac, As	5.3	33	-1	38	+5	11	0
420	BAHARÎYA	20	9	10	02	3	0	—	6.0	30	15	40	+7	40	0
423	FARAFRA														
432	DAKHLA	180	9	9	01	0	3	Ci	9.0	34	-16	39	+2	3	0
435	KHARGA	00	0	6	01	1	1	Ci	7.0	31	1	38	+1	15	0
450	SUEZ	360	4	10	01	0	4	Cu	9.3	26	14	31	0	48	0
459	TÔR														
462	HURGHÂDA	140	13	10	01	0	0	—	8.9	25	19	31	+3	70	0
465	QUSEIR	160	11	20	02	0	0	—	10.2	26	16	29	-1	55	0
641	PORT SÛDÂN	350	2	20	02	0	0	—	11.1	26	19	32		66	0
600	WÂDI HALFA	50	9	20	01	0	0	—	8.8	32	9	39		24	0
640	ABU HAMAD	50	8	22	02	0	0	—	7.8	31	-3	39		11	0
660	KAREIMA	70	4	20	02	0	0	—	7.4	33	-5	39		8	0
680	'ATBARA	350	7	20	01	0	0	—	6.0	33	2	41		15	0
721	KHARTOÛM	350	8	18	05	0	0	—	4.4	35	5	43		15	0
730	KASSALA	50	3	20	02	0	0	—	3.5	35	10	42		22	0
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	20	6	20	02	0	0	—	2.8	33	1	41		13	0
760	EL FASHER	70	4	20	02	2	7	As	2.5	36	5	41		16	0
770	GENEINA														
840	MALAKÂL	360	7	20	12	2	6	Cb, Ac, Cs	6.5	31	19	40		49	0
880	WÂU														
941	JUBA	00	0	24	13	1	5	Cb, Ac	8.9	29	23	36		70	0

Ship reports (1800): 33347 25918 62114 98112 02618 66520 65720

At 0600 on WEDNESDAY 8th MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOÛM	250	7	8	21	6	7	Sc, As	8.4	-4.7	17	11	17	+1	68	0.1	258	
303	SÎDI BARRÂNI	290	17	14	00	0	8	Sc	8.7		18	11	17		64	0.2	254	
306	MATRÛH (A)	280	14	15	02	2	6	Ac	8.0	-6.1	21	14	18		65	0	265	
309	EL DAB'AA	270	10	10	00	0	5	Ac	7.6		21	16	18		74	0	203	
319	ALEXANDRIA	310	14	20	01	1	6	Cs	7.5	-6.5	20	15	20	+3	73	0	283	185
318	ALEXANDRIA (A)	320	13	16	21	6	7	Ac, Ci	6.9	-7.2	22	16	18	+2	69	dr	255	138
330	DAMIETTA	320	2		03	5	8	Sc	7.4	-6.2	22	16	17	0	69	dr	238	104
333	PORT SA'ÎD (A)	330	4	14	21	6	7	Ac, As	6.7	-6.9	23	16	20	+1	65	dr		
336	EL 'ARISH																	
339	DAMANHÛR	310	9	4	08	5	5	Ac, As	7.0	-6.9	22	13	17	+2	57	0	140	99
342	MANSÛRA	320	3		03	2	8	Ns	7.0	-6.8	23	15	19	+4	61	0	73	53
348	TANTA	310	9	20	03	2	7	As	7.9	-6.1	23	13	16	+2	53	0	79	41
360	SHEBÎN EL KÔM	290	5	10	01	1	2	Cu	7.8	-6.3	24	12	19		47	0	58	
354	ZAGAZIG	320	1	10	03	1	4	As	6.6	-7.4	23	15	18	+4	61	0	53	26
441	ISMA'ILÎA																	
366	CAIRO (A)	40	7	16	01	2	4	Cs	6.4		27	11	23		37	0	48	
372	CAIRO ALMÂZA (A)	00	0	12	01	2	5	Cs	6.7		26	9	22	+5	35	0	53	
374	CAIRO EZBEKÎYA										27	10	21	+5	35	0	43	25
375	GIZA	270	7	8	02	—	6	—	6.8	-6.7	26	11	19	+6	40	0	53	25
378	HELWÂN	20	9	10	02	2	7	Cs	6.6	-6.7	26	7	23	+5	30	0	36	28
381	FAYOÛM	20	6	20	02	2	8	As	7.0	-6.1	25	12	20	+4	45	0	16	8
387	MINYA (A)	340	1	8	01	2	5	Ac, Ci	5.4	-8.4	24	9	15	-1	38	0	2	
393	ASYOÛT (A)	190	22					Ci	3.4	-9.0	32	-10	27	+8	6	0	dr	
399	NAG' HAMÂDI	00	0		03	0	6	Ci	7.6	-3.9	31	3	16	-2	17	0	1	
402	QENA	130	1	10	00	0	0	—	8.2	-2.7	29	9	19	0	29	0	dr	
405	LUXOR (A)	00	0	22	02	0	1	Cs	7.6	-3.6	29	3	22		19	0	0	
414	ASWÂN	00	0	14	02	0	0	—	9.5	-1.5	29	8	22	0	27	0	8	
417	SÎWA	10	12	10	01	2	5	Ns, Ac	9.8	-4.8	25	7	22	+7	32	dr	24	8
420	BAHARÎYA	70	3	8	03	2	7	Cs	6.1	-7.5	25	17	20	+4	61	0	2	7
423	FARAFRA																dr	
432	DAKHLA	100	9	20	03	0	2	Ci	8.0	-4.5	30	-2	24	+6	12	0	1	
435	KHARGA	00	0	8	01	0	2	Cc	8.8	-2.8	26	7	17	-3	30	0	3	
450	SUEZ	00	0	20	00	0	6	Cu	7.9	-5.1	25	19	20	+2	70	0	40	16
459	TÔR																	13
462	HURGHÂDA																dr	
465	QUSEIR	260	5	20	03	0	0	—	8.9	-2.1	30	3	22	0	18	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI HALFA																	
640	ABU HAMAD																	
660	KAREIMA																	
680	'ATBARA																	
721	KHARTOÛM																	
730	KASSALA																	
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID																	
760	EL FASHER																	
770	GENEINA																	
840	MALAKÂL																	
880	WÂU																	
941	JUBA																	

SHIP REPORTS in code

Ship reports (0600): 43352 22706 33230 98030 65916 31500 65223 05210 12 234

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	100	11	20	12	180	12	340	14	280	4	10	19	320	4	350	12	350	12	40	13	40	12
600 m.	350	4	30	10	130	16	330	20	280	5	30	32	340	5	340	19	240	5	30	7	70	13
1000 m.	160	4	30	10	180	17	290	23	240	9	40	23	350	5	310	20	180	7	30	7	80	5
1500 m.	320	9	300	18	180	6	260	32	250	20	270	23	30	3	250	26			280	16	240	7
2100 m.	270	41	260	19	270	11	260	25	270	35	260	36	260	23					280	31	190	12
2400 m.	270	39	250	20	240	14	270	42			250	32	250	24					260	27	260	28
3000 m.							270	49			240	30							270	26	260	37
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	8-5		8-5		8-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	11	330	8	230	13	350	11	10	7	350	16	60	12	320	3	80	7	290	24	10	8
600 m.	40	12	50	5	250	12	330	17	360	4	330	13	90	14	320	5	160	3	290	38	20	6
1000 m	120	14	00	0	240	14	330	17	240	5	290	20	160	4			230	4	290	45	30	7
1500 m.	130	6	270	14	200	11			230	18	280	25	300	7					300	35	320	3
2100 m			260	31	230	17			250	19	300	38	290	17					280	40	330	4
2400 m			260	28	240	16			240	19	300	47	300	17					290	57	320	5
3000 m.			240	23	230	21			230	29	270	33	260	24								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Aswan		Sallum		S. Barrani		Asyout		Luxor		Dakhla		Kharga		Harghada	
DATE	9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	10	320	9	160	9	150	10	10	12	320	19	340	17	360	12	350	9	10	28	10	9
600 m	50	12	20	21	210	6	180	16	320	6	320	23	340	14	340	15	360	23	20	42	340	16
1000 m	60	4	360	25	210	7	180	12	320	7	310	20	320	23	340	17	350	22	40	63	340	21
1500 m.	250	9	30	9	250	17	200	15	270	15	300	31			340	5					340	20
2100 m	240	16			240	19	200	12			290	38			320	9					270	5
2400 m	270	20			240	20	200	9							320	10					200	17
3000 m.					220	20	260	11													210	36
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						9-5																
TIME						1200																
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	20													
1000 mb.						118	18		250	13										
950 mb.																				
900 mb.																				
850 mb						1472	6		250	19										
800 mb																				
700 mb						3043	-1		260	34										
600 mb.																				
500 mb						5638	-16		280	79										
400 mb						7289	-27													
300 mb						9292	-43													
200 mb						11910	-60													

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Thursday 9th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls (within sight during past hour)
19 Funnel cloud (s) (within sight during past hour)
20 Drizzle (not freezing) (not falling as shower (s))
21 Rain (" ") (not falling as shower (s))
22 Snow (not falling as shower (s))
23 Rain and snow (not falling as shower (s))
24 Freezing drizzle or rain (not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(20–29: during preceding hour but not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow (low)
37 Heavy " " (low)
38 Slight or moderate " " (high)
39 Heavy " " (high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible (has become thinner during preceding hour)
43 " , " not " (has become thinner during preceding hour)
44 " , " discernible (no change during preceding hour)
45 " , " not " (no change during preceding hour)
46 " , " discernible (has begun or become thicker during last hour)
47 " , " not " (has begun or become thicker during last hour)
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent (slight)
51 " " " continuous (slight)
52 " " " intermittent (moderate)
53 " " " continuous (moderate)
54 " " " intermittent (thick)
55 " " " continuous (thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent (slight)
61 " " " continuous (slight)
62 " " " intermittent (moderate)
63 " " " continuous (moderate)
64 " " " intermittent (heavy)
65 " " " continuous (heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes (slight)
71 Continuous " " " (slight)
72 Intermittent " " " (moderate)
73 Continuous " " " (moderate)
74 Intermittent " " " (heavy)
75 Continuous " " " (heavy)
76 Ice needles (with or without fog)
77 Granular snow (with or without fog)
78 Isolated star like snow crystals (with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed (slight)
88 Shower (s) of soft hail with or without rain or rain and snow mixed (moderate)
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder (slight)
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder (moderate)
91 Slight rain (Thunderstorm during preceding hour but not at time of observation)
92 Moderate or heavy rain (Thunderstorm during preceding hour but not at time of observation)
93 Slight snow * (Thunderstorm during preceding hour but not at time of observation)
94 Moderate or heavy snow * (Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail (Thunderstorm at time of observation)
96 " " " with " (Thunderstorm at time of observation)
97 " heavy without hail (Thunderstorm at time of observation)
98 " with duststorm or sandstorm (Thunderstorm at time of observation)
99 " heavy with hail (Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Temperature continues falling in Delta and Middle Egypt where medium clouds increases with scattered showers. Winds chiefly NNW light to moderate. Weather improving inland from tomorrow when winds veer to moderate NNW.

In Upper Egypt: Weather remains hot. Variable light winds. Some high clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 06 U.T. / Sunset 16 38 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 8th

Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
320	10	18	02	5	6	Sc	8.3	22	9	44
360	22	15	01	2	6	Sc	8.6	19	14	73
290	25	18	02	2	7	Ac,AS,CS	8.0	20	11	56
270	12	20	00	0	7	CS	7.4	25	5	28
270	8	20	01	1	4	CS	7.9	21	14	65
270	13	10	02	2	6	Ac,Ci	7.6	25	12	45
320	5	20	01	5	2	Ac	8.7	24	11	44
320	13	25	01	6	2	Cu, Ac	8.8	25	12	45
290	5	20	01	6	3	Ci	8.6	27	9	33
360	7		01	3	3	Ci	8.4	27	9	33
310	11	20	01	1	3	Ci	8.6	26	9	35
290	9	20	01	1	1	Cu	8.7	26	10	37
320	1	20	02	0	7	Cu	7.6	26	12	42
340	14	12	01	2	5	Sc, Ac	7.7	28	9	31
340	12	16	03	2	6	Ac,AS,Ci	8.0	28	10	33
280	6	10	01	0	—	—	8.3	28	11	35
360	13		02	2	6	Ac, AS	7.9	28	7	27
330	6	20	01	2	6	AS	7.8	30	9	27
14	14	10	02	0	7	Ci	5.7	32	9	24
330	10	5	06	2	8	CS	4.0	37	-5	7
270	3	10	02	0	4	Ci	3.1	41	0	8
240	4	20	05	1	8	CS	3.1	41	4	10
190	17	12	01	0	7	CS	2.3	42	-6	5
360	10	15	02	0	0	—	5.8	41	3	10
20	12	14	02	2	7	CS	7.0	30	5	21
40	9		02	2	7	Ac, AS	6.7	30	14	46
30	23	2	07	0	—	—	5.3	33	4	16
350	20	0.8	32	3	0	—	4.3	42	-12	3
200	22	0.9	32	3	7	Ci	2.7	42	-4	6
360	9	50	02	0	6	Cu	8.4	28	15	45
140	15	20	03	1	6	Cc	5.7	26	18	62
80	11	20	02	0	0	—	8.3	33	20	47
160	4	20	03	1	5	Ci	4.3	41	15	22
70	9	22	02	0	1	Ci	3.6	40	-3	7
90	5	21	02	0	1	Ci	3.7	39	-4	7
40	7	20	02	0	0	—	2.8	40	-10	4
20	4	20	02	0	0	—	1.8	41	3	10
110	6	20	03	1	5	CS	3.7	40	1	9
130	7	20	02	2	7	CS	1.8	40	5	12
170	7	20	03	1	4	Cu	3.6	39	16	26
200	4	20	02	2	7	Cu, CS	4.0	36	19	37
180	5	24	02	2	6	Cu, Ci	3.1	36	20	40

4 32508 352 12 01302 98020 079 27 00000 26000
4 33340 235 12 12934 98020 084 17 11600 65220

At 1800 on 8th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
340	12	16	02	2	6	Sc	9.4	17	12	22	-5	72	dr
350	17	12	02	2	5	Sc, Ci	9.0	17	13	21		77	0
320	16	12	02	2	7	Cu,ACCS	9.4	18	12	24		68	0
290	10	20	00	0	7	Ac, AS	8.6	18	10	25		60	0
350	16	20	01	0	3	Cu	9.8	18	15	23	-2	83	0
350	7	12	03	0	5	Sc	9.1	18	14	26	0	78	0
320	5		00	0	0	—	9.4	19	14	25	-1	73	dr
340	15	16	02	0	0	—	9.3	20	14	26	+1	69	dr
40	2	10	02	1	2	CS	9.1	18	15	28	-1	83	dr
20	5		00	0	0	—	8.6	20	13	28	-3	64	0
330	9	10	01	1	4	Ci	8.1	20	13	28	-3	64	0
320	2	10	01	1	1	Sc	8.3	21	10	27		50	0
320	2	10	02	0	0	—	7.6	22	13	28	-3	57	0
110	8	12	02	0	4	AC	7.8	25	8	29		34	0
110	9	15	03	0	5	Ac,CS	8.0	26	10	28	-4	37	0
										29	-3		
50	1	10	03	0	7	AC	8.2	25	10	30	-2	39	0
90	7	10	02	2	7	Ac,AS	7.9	24	9	28	-4	38	0
330	6	20	02	2	6	AS	7.2	25	10	31	-2	39	0
360	8	8	02	2	7	Ac, AS	6.7	26	10	32	-3	37	0
20	5	6	03	2	8	Ac, AS	5.2	30	7	41	+5	24	0
00	0		02	0	3	AC	3.9	31	12	42	+6	31	0
130	1		02	1	6	CS	3.8	32	11	42	+4	28	0
00	0	12	02	2	4	CS	3.2	35	6	43		16	0
00	0	14	01	2	2	Ci	4.4	35	0	42	+4	11	0
320	5	13	01	2	7	NS, AS	7.1	28	8	32	-1	29	0
40	2	10	02	2	7	CS	7.4	27	13	31	-3	48	0
70	6	10	01	2	7	CS	6.9	28	5	36		23	0
80	10	5	02	0	0	—	5.0	33	-3	43	+6	10	0
10	10	3	07	1	0	—	3.9	32	8	43	+6	22	0
360	3	10	01	0	3	Cu	10.7	25	13	30	-2	48	0
160	13	10	02	2	8	AS	6.2	28	14	29	+1	42	0
180	10	20	01	1	8	AS	5.5	27	16	30	0	52	0
160	1	20	01	0	0	—	9.7	27	19	34		62	0
160	6	20	01	1	1	Ci	4.8	35	11	42		23	0
70	2	22	02	0	3	Ci	5.0	33	0	41		12	0
00	0	21	02	0	1	Ci	4.1	33	4	41		16	0
00	0	20	01	0	0	—	3.2	33	4	41		16	0
340	7	20	02	0	0	—	2.9	35	5	42		15	0
360	3	20	02	0	0	—	3.0	32	5	42		18	0
										42			
10	4	20	01	0	0	—	2.7	32	4	40		17	0
70	5	30	02	2	7	CS	2.9	33	6	41		19	0
270	4	50	01	1	2	Ci	3.1	34	3	40		14	0
200	4	20	13	1	2	Ch, CS	4.1	34	16	40		34	0
00	0	20	01	2	7	CS	4.6	32	22	37		56	0
200	7	24	13	8	7	Ch, AC	6.9	26	22	36		79	10

Area	Index Number	Station
Mediterranean	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
Lower Egypt	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ILÍA
Cairo Area	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
Upper Egypt	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
Oases	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
Red Sea	450	SUEZ
	459	TÔR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÚDÂN
North Sudan	600	WÂDI ḤALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
Central Sudan	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
E. Sudan	840	MALAKÂL
	880	WÂU
	941	JUBA
		SHIP REPORTS in Code

At 0600 on THURSDAY 9th MAY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
SALLOÛM	340	8	18	02	2	6	Sc, AC	12.1	-0.9	16	8	14	-2	60	dr	258	
SÎDI BARRÂNI	320	16	15	00	0	7	Sc	11.8		16	10	15		68	0	254	
MATRÛḤ (A)	330	8	16	02	0	8	AS	11.6	2.5	17	9	18		60	0	265	
EL ḌAB'AA	320	6	10	00	0	7	Ac, AS	10.9		18	10	16		60	0	203	
ALEXANDRIA	360	5	20	03	0	8	Sc	11.1	-3.9	18	13	17	0	73	0	283	185
ALEXANDRIA (A)	360	5	12	02	2	8	Ac, AS	10.6	-3.4	18	13	16	0	73	0	255	138
DAMIETTA	70	2		03	2	8	Sc	11.0	-2.6	19	13	15	-2	68	dr	238	104
PORT SA'ID (A)	10	9	10	02	2	8	Cu,Ac,AS	10.8	-2.7	19	15	18	-1	78	dr		
EL 'ARISH																	
DAMANHÛR	00	0		02	2	8	St	10.9	-2.9	18	13	15	0	73	dr	140	99
MANṢÛRA	140	3		03	1	8	St	11.0	-2.8	19	13	16	+1	68	0	73	53
ṬANṬA	00	0	20	03	2	8	AS	11.8	-2.2	18	13			73	0	79	41
SHEBÎN EL KÔM	320	2	10	01	1	4	Sc	10.6	-3.4	18	13	16		73	0	58	
ZAGAZIG	320	1	10	02	2	8	Sc	10.0	-4.0	18	13	16	+2	73	0	53	26
ISMA'ILÍA																	
CAIRO (A)	30	7	12	60	6	8	AS	11.0		23	9	17		41	dr	48	
CAIRO ALMÁZA (A)	10	6	12	20	5	8	AS	10.7	-3.0	18	14	17	0	78	dr	53	
CAIRO EZBEKÎYA										18	14	17	+1	78	dr	43	25
GIZA	50	10	5	60	—	8	AS	11.0	-2.5	18	15	17	+3	83	dr	53	25
HELWÂN	90	6	4	02	5	8	Ch	10.8	-2.4	17	15	17	0	88	dr	36	28
FAYOÛM	360	6	20	50	2	8	Ch	10.4	-2.7	19	13	18	+2	68	dr	16	8
MINYA (A)	10	12	7	02	2	7	Ac, As	10.5	-3.2	22	13	20	+4	57	0	2	
AṢYOÛṬ (A)	290	6	14	02	2	8	Ac, CS	8.4	-3.9	27	11	23	+4	37	0	dr	
NAG' HAMÂDI	00	0		01	0	2	Ac	7.9	-3.5	27	17	21	+3	55	0	1	
QENA	00	0	10	05	1	8	CS	7.1	-3.8	29	12	23	+4	35	0	dr	
LUXOR (A)	00	0	22	03	2	6	CS	6.1	-5.0	31	1	25		15	0	0	
ASWÂN	00	0	14	03	0	8	CS	5.8	-5.2	32	5	24	+1	18	0	8	
SÎWA	50	8	15	02	2	8	NS, AS	10.0	-4.6	19	10	19	+4	53	0	24	8
BAḤARÎYA	360	3	10	02	2	8	AS	10.1	-3.5	20	17	18	+2	83	0	2	7
FARAFRA	20	6	12	03	0	8	CS	11.1		25	7	22		32	0	dr	
DAKHLA			14	03	0	—	CS	8.4	-4.1	28	9	23	+5	31	0	1	
KHARGA	360	2	8	03	0	8	Ci	5.8	-5.8	29	11	26	+6	33	0	3	
SUEZ	360	3	20	00	6	8	AC	11.5	-1.5	19	17	16	-2	88	1	41	16
TÔR																	13
HURGHÂDA	330	8	8	05	0	7	Sc	8.3	-2.7	26	14	22	+2	48	0	dr	
QUSEIR	340	12	20	03	1	8	Ac,AS	7.8	-3.2	26	20	22	-1	70	0	dr	4
PORT SÚDÂN																	
WÂDI ḤALFA																	
ABU ḤAMAD																	
KAREIMA	00	0	21	02	0	0	—	6.5		30	3	22		18	0		
'ATBARA	50	3	20	02	0	0	—	5.8		29	1	22		17	0		
KHARṬOÛM																	
KASSALA																	
WÂD MEDANI																	
RENK	230	9	20	02	0	0	—	9.0		34	19	29		41	0		
ROSEIRES																	
EL OBEID																	
EL FASHER																	
GENEINA	230	7	50	03	2	7	CS	8.7		29	11	24		32	0		
MALAKÂL																	
WÂU	250	7	20	03	2	6	CS	8.4		28	21	25		66	0		
JUBA																	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Luxor		Alex (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	12	20	12	350	35	330	16	330	10	340	17	360	8	350	9	250	5	360	13	60	19
600 m.	360	19	20	16	350	38	340	17	330	5	330	20	10	5	290	10	300	7	10	14	100	19
1000 m.	350	12	20	13			330	12	280	7	270	10	340	11	290	18	270	5	10	15	140	8
1500 m.	300	15	60	10	350	31	270	5	270	9	240	24	360	9	290	10	230	7	40	14	330	4
2100 m.	300	17	300	11					260	10	260	45	360	3	290	13	250	16	320	13	290	14
2400 m.			290	13			270	18			240	47	360	14	290	17	240	17	350	22	280	17
3000 m.									260	14			280	20	280	23					290	19
4000 m.													270	28								
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	9-5		9-5		9-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	8	20	17	20	11	360	8	20	7	20	15	90	17	10	23	20	5	350	36	140	10
600 m.	50	8	40	15	20	12	10	7	20	7	360	15	90	14	360	12	30	10	360	33	140	8
1000 m.	340	11			20	12	10	8	290	9	350	11	220	4	360	14	180	2	10	10	130	5
1500 m.	310	33			50	5	320	7	220	7	330	8	30	4			270	4	40	12		
2100 m.	290	16			70	19	300	16			350	17	330	4					210	4		
2400 m.	270	23					340	12			350	16	310	16					280	11		
3000 m.	290	11			330	7							290	12								
4000 m.					290	7							280	25								
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Matruh		Salloum		S. Barrani		Asyout		Luxor		Dakhla		Kharga		Hurghada	
DATE	10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	9	60	14	20	14	110	4	100	4	30	4	30	4			40	6	20	23	340	16
600 m.	40	2	30	13	360	16	150	4	180	7	270	3	360	8	360	2	10	7	20	17	310	16
1000 m.	290	11	20	8	10	20	40	7	200	9	140	7	330	3	330	4	10	10	360	3	300	14
1500 m.	300	22			60	8	40	11	210	7			290	16	310	8	320	14	10	6	290	10
2100 m.	280	24			90	7	350	9							270	19	270	13	260	8		
2400 m.	270	14			40	2									250	23			280	16		
3000 m.	300	17			330	15																
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Friday 10th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour but not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather today all over the Republic. Temperature begins to rise gradually from tomorrow. High clouds over Lower Egypt and Cairo; low clouds in the morning. Moderate NWly winds. In Upper Egypt: Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 05 U.T. / " " Sunset 16 38 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 9th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	90	10	18	01	0	1	Sc	12.5	18	9	56
	303	SÎDI BARRÂNI	330	18	20	01	1	2	Ac	12.3	19	9	52
	306	MATRÛḤ (A)	320	14	16	02	1	4	Sc, Cu, Ac	12.6	19	9	52
	309	EL ḌABʿAA	340	8	20	00	0	3	Ac	12.6	19	9	52
	319	ALEXANDRIA	310	10	20	01	1	4	Cu, Cs	12.6	20	13	64
	318	ALEXANDRIA (A)	350	12	12	01	2	5	Cu, Sc	12.2	21	13	61
	330	DAMIETTA	340	2		02	2	8	Sc	11.6	21	14	65
	333	PORT SAʿÎD (A)	350	1	14	02	2	8	Cu, Sc, Ac	11.1	19	15	78
	336	EL ʿARISH											
Lower Egypt	339	DAMANHÛR	290	2		02	2	8	Cu, Sc	11.5	21	12	57
	342	MANṢÛRA	20	3		03	2	8	St	11.0	22	13	57
	348	ṬANṬA	270	5	20	03	2	8	As	11.2	21		
	360	SHEBÎN EL KÔM	320	2	20	01	1	4	Sc	11.4	26	16	55
	354	ZAGAZIG											
	441	ISMAʿÎLÍA											
Cairo Area	366	CAIRO (A)	160	5	8	61	6	8	As	10.4	18	17	94
	372	CAIRO ALMÂZA (A)	100	7	8	61	5	8	As	11.1	18	17	94
	374	CAIRO EZBEKÎYA											
	375	GIZA	270	4	8	60	6	8	Ac, Ci	11.2	18	16	88
	378	ḤELWÂN	00	0	50	05	5	8	Ch	11.5	18	18	97
Upper Egypt	381	FAYOÛM											
	387	MINYA (A)	320	8	8	02	2	7	Ac, As	10.3	29	8	27
	393	AṢYOÛṬ (A)	330	20	4	02	2	8	Cs	10.2	31	7	22
	399	NAGʿ ḤAMÂDI	00	0	10	02	0	4	Ni	7.0	34	9	22
	402	QENA	320	1	20	01	0	0		5.8	39	10	17
	405	LUXOR (A)	250	6	22	03	2	7	Cs	4.2	41	10	16
	414	ASWÂN	190	8	15	01	2	5	Cs	2.6	44	-4	5
Oases	417	SÎWA	90	4	16	03	1	2	Cu	11.2	26	9	35
	420	BAḤARÎYA	270	10	20	50	5	7	Sc	10.4	23	16	65
	423	FARAFRA	240	10	18	02	2	8	Ac, Ci	10.3	28	9	21
	432	DAKHLA	340	18	5	07	2	8	Ci	9.5	33	1	13
	435	KHARGA	10	20	09	32	3	5	Cs	6.4	34	8	20
Red Sea	450	SUEZ	00	0	50	02	9	8	Ac	12.4	24	18	69
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	360	10	20	02	0	8	Ac, As	7.8	27	19	62
	641	PORT SÛDÂN	90	7	20	02	0	1	Ci	6.8	31	26	74
North Sudan	600	WÂDI ḤALFA	150	4	20	03	1	7	Cs	2.2	45	4	9
	640	ABU ḤAMAD	00	0	22	03	0	4	Ci	2.0	41	7	13
	660	KAREIMA	00	0	21	02	0	0	—	0.9	44	0	7
	680	ʿATBARA	270	2	20	03	0	1	Ci	1.0	43	27	40
	721	KHARṬOÛM	250	12	20	02	0	2	Ci	0.9	43	4	9
	730	KASSALA	270	4	20	02	0	0	—	0.0	43	4	9
Central Sudan	751	WÂD MEDANI	270	8	30	02	0	5	Ac, Ci	0.6	43	-2	6
	801	RENK	330	5	20	02	0	5	Cu	3.6	41	17	25
	802	ROSEIRES	330	5	20	02	1	3	Cu	99.9	41	15	22
	771	EL OBEID											
	760	EL FASHER	70	2	25	—	2	7	Cs	0.6	40	8	14
	770	GENEINA	150	4	50	02	2	7	Ac, Cs	2.3	39	9	16
S. Sudan	840	MALAKÂL											
	880	WÂU	270	7	20	02	2	7	Cu, Cs	4.7	35	21	44
	941	JUBA											

At 1800 on 9th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	30	10	10	02	0	0	—	14.1	16	6	19	-8	52	0
SÎDI BARRÂNI	350	14	16	02	0	0	—	13.9	16	6	19		52	0
MATRÛḤ (A)	310	9	12	02	0	0	—	13.9	15	6	21		55	0
EL ḌABʿAA	320	2	20	00	0	0		13.7	16	8	20		50	0
ALEXANDRIA	350	9	20	01	0	1	Cu	14.0	17	11	21	-5	68	0
ALEXANDRIA (A)	330	4	12	01	2	2	Sc	13.6	17	11	21	-5	68	0
DAMIETTA	340	2		00	0	0	—	13.4	17	13	21	-5	77	0
PORT SAʿÎD (A)	350	9	15	01	0	1	Cu	12.6	18	14	22	-3	78	0
EL ʿARISH														
DAMANHÛR	290	2	10	02	1	0	—	13.4	17	11	23	-1	68	0
MANṢÛRA	360	3		00	0	0	—	13.0	18	13	24	-7	73	0
ṬANṬA	310	7	10	02	0	0	—	12.9	17	12	23	-8	72	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	12.3	19	13	23		68	0
ZAGAZIG	00	0	10	01	1	0	—	12.6	19	16	23	-8	83	0
CAIRO (A)	30	4	12	02	1	0	—	12.2	18	15	24		83	7
CAIRO ALMÂZA (A)	30	4	10	02	5	0	—	12.3	18	14	19	-14	78	7
CAIRO EZBEKÎYA											20	-12		
GIZA	60	8	7	01	6	0	—	12.7	18	12	19	-13	68	5
ḤELWÂN	360	8	10	01	4	0	—	12.2	18	10	19	-13	60	0
FAYOÛM	360	4	20	01	0	0	—	11.8	19	18	24	-9	64	0
MINYA (A)	360	5	8	01	6	4	Ac	10.7	21	14	30	-5	65	dr.
AṢYOÛṬ (A)	00	0	10	03	2	8	Ac, Cs	9.4	26	10	32	-4	37	0
NAGʿ ḤAMÂDI	00	0		02	0	3	Ac	9.4	29	12	36	0	35	0
QENA	40	1		00	0	2	Cs	10.4	30	12	40	+2	35	0
LUXOR (A)	340	13	10	02	2	7	Cs	10.2	30	9	42		27	0
ASWÂN	360	35	02	33	3	8	—	7.9	32	8	45	+7	22	0
SÎWA	360	5	16	01	0	0	—	11.1	24	6	28	-5	32	0
BAḤARÎYA	20	4	10	02	5	0	—	11.6	19	14	25	-9	73	dr
FARAFRA	260	4	12	00	2	0	—	11.7	21	10	21		50	0
DAKHLA	10	2	9	01	2	7	Cs	10.0	28	6	34	-3	25	0
KHARGA	00	0	1.5	06	2	8	As	7.2	28	10	37	0	33	0
SUEZ	310	6	10	01	6	3	Cu, Ci	14.0	19	17	26	-6	88	1
TÔR														
HURGHÂDA	330	10	10	01	9	7	Sc, As	9.9	26	16	33	+5	55	0
QUSEIR	360	17	20	01	1	4	—	9.5	26	21	30	0	74	0
PORT SÛDÂN	00	0	20	01	1	2	Sc, Ci	7.3	28	18	32		55	0
WÂDI ḤALFA	360	12	20	01	1	4	Ac	2.8	37	0	47		10	0
ABU ḤAMAD	00	0	22	02	1	5	Cs	2.7	33	9	43		23	0
KAREIMA	20	2	21	02	0	1	Ci	2.0	36	0	44		18	0
ʿATBARA	00	0	20	01	0	0	—	2.3	34	5	44		16	0
KHARṬOÛM	340	3	20	02	0	0	—	1.3	34	11	44		25	0
KASSALA	00	0	20	02	0	0	—			8	44			0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	180	14	20	01	2	4	Ac, Ci	2.1	33	14	41		32	0
EL FASHER														
GENEINA														
MALAKÂL											39			3
WÂU											36			0
JUBA	180	8	34	13	1	5	Cu, Ac, Cs	6.3	29	23	35		70	0

At 0600 on FRIDAY 10th MAY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Normal From Oct. 1st
SALLOÛM	00	0	28	02	0	0	—	16.7	+3.7	17	9	12	-4	60	0	258	
SÎDI BARRÂNI	140	11	16	00	0	0	—	16.1		17	10	9		64	0	254	
MATRÛḤ (A)	00	0	18	02	0	1	Sc, Cu	16.6	+2.6	19	9	8		52	0	265	
EL ḌABʿAA																203	
ALEXANDRIA	40	2	20	03	0	5	Sc	16.8	+2.8	19	9	15	-2	52	0	283	185
ALEXANDRIA (A)	30	4	14	01	0	4	Sc	16.8	+2.9	19	10	13	-3	56	0	255	138
DAMIETTA	20	2		03	1	4	Cu	16.7	+3.1	20	11	13	-4	56	0	258	104
PORT SAʿÎD (A)	30	5	14	02	0	3	Sc	16.6	+3.1	20	13	16	-3	64	0		
EL ʿARISH																	
DAMANHÛR	20	5	10	00	0	1	Ci	16.3	+2.5	19	9	12	-3	52	0	140	100
MANṢÛRA	40	3		01	0	2	Cu	16.4	+2.7	19	12	13	-2	64	0	73	51
ṬANṬA	310	5	20	02	0	0	—	17.1	+3.1	16	11	9	-5	72	0	79	42
SHEBÎN EL KÔM	40	2	10	00	0	0	—	17.0	+3.0	18	10	13		60	0	58	
ZAGAZIG	320	1	10	02	0	0	—	16.4	+2.4	18	13	12	2	73	0	53	26
CAIRO (A)	40	8	12	03	0	1	Cu, Ci	16.1		18	14	14		78	T	55	
CAIRO ALMÂZA (A)	20	10	15	03	0	2	Ci	16.8	+2.2	18	11	14	-3	64	T	60	
CAIRO EZBEKÎYA										18	12	14	-2	68	6	49	25
GIZA	90	4	6	03	—	2	Cu, Ci	16.6	+3.2	18	13	13	-1	73	5	43	25
ḤELWÂN	40	5	10	03	1	3	Cu, Ci	15.6	+2.4	19	9	14	-3	52	0.2	36	28
FAYOÛM	360	6	20	02	1	3	Ac	16.3	+3.2	20	12	14	-2	60	dr	16	8
MINYA (A)	20	8	7	02	1	4	Ci	14.5	+0.9	20	12	14	-2	60	dr	2	
AṢYOÛṬ (A)	320	8	8	02	2	8	Cs	14.1	+1.8	19	12	16	-3	64	0	dr	
NAGʿ ḤAMÂDI	00	0		03	1	6	Ac	13.3	+0.9	26	14	19	+1	48	0	1	
QENA	220	2	10	01	0	3	Ci	11.2	+0.4	27	13	22	+2	42	0	dr	
LUXOR (A)	00	0	15	01	2	5	Ac, As	10.9	-0.1	28	12	23		37	0	0	
ASWÂN	30	7	12	03	2	7	Cs	9.4	-1.5	31	7	25	+2	22	0	8	
SÎWA	180	7	16	02	2	7	As	16.5	+1.9	18	5	14	-1	43	0	24	8
BAḤARÎYA	70	6	20	03	2	6	Ci	16.2	+2.6	18	13	12	-4	73	dr	2	7
FARAFRA	230	8	15	03	0	2	Ci	16.3		18	8	14		52	0	dr	
DAKHLA	50	5	20	03	0	4		12.9	+1.5	30	9	20	+2	49	0	1	
KHARGA	360	10	6	01	2	5	Ci	11.4	-0.1	24	13	21	+1	50	0	3	
SUEZ	310	4	20	00	0	1	Cu	16.7	+3.8	18	15	13	-5	83	1	42	16
TÔR																	13
HURGHÂDA	320	24	20	00	0	6	Cs	10.8	-0.1	23	15	20	0	61	0	dr	
QUSEIR	350	12	20	03	1	8	Ac, As	10.9	0.0	25	19	23	0	70	0	dr	4
PORT SÛDÂN	50	4	20	01	2	6	Sc	10.0		30	26						
WÂDI ḤALFA	20	5	8	05	0	0	—	7.9		31	9	27		26	0		
ABU ḤAMAD	90	8	4	05	3	0	—	6.6		32	12	25		30	0		
KAREIMA																	
ʿATBARA																	
KHARṬOÛM																	
KASSALA																	
WÂD MEDANI																	
RENK																	
ROSEIRES																	
EL OBEID	180	14	10	07	0	7	As	8.3		32	18	28		43	0		
EL FASHER																	
GENEINA	230	6	50	02	2	6	Ac, As	8.6		30	17	27		46	0		
MALAKÂL	230	7	20	02	2	7	Cu, Ac, Cs	12.1		26	19	22		66	3		
WÂU	230	1	20	02	9	8	As	12.0		22	20	20		89	37		
JUBA			24	02	2	7	Ac, As	11.1		27	21	24		78	0		

REMARKS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	16	40	16	350	18	30	16	30	16	340	27	150	3	50	11	40	23	10	18	80	13
600 m.	120	15	50	19	350	14	10	5	30	19	340	22	150	10	50	6	40	21	20	30	100	12
1000 m.	120	17	60	14	340	14	340	4	30	11	350	18	150	3	320	5	40	17	350	11	100	7
1500 m.	230	10	70	19	350	6	360	4	330	3	290	9	110	10	310	8	320	9	290	9	90	5
2100 m.	230	6			30	4	320	6	240	4	290	10	270	5	310	10	340	5	260	25	290	5
2400 m.	250	3					330	6	200	4	280	9	280	13	310	20	250	3	250	16	320	10
3000 m.	260	16							260	18	270	21	280	11	300	21	220	28			290	10
4000 m.									240	28							250	18			300	11
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	10-5		10-5		10-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	16	40	16	10	14	70	13	40	26	320	16	100	23	60	10	20	8	330	7	140	3
600 m.	150	15	50	16	360	20	60	16	40	23	20	27	120	12	60	6	20	7	320	9	150	4
1000 m.	190	17	360	14	70	13	20	17	40	16	20	25	120	9	30	10			320	15	150	8
1500 m.	210	11	10	7	40	9	10	16	40	2	360	19	70	6	30	22			320	23	120	6
2100 m.	280	8	230	5			10	17					10	10	20	16					40	5
2400 m.	280	8	230	6			20	12					330	12							10	8
3000 m.													320	16							360	6
4000 m.													260	17							240	11
5000 m.																						
6000 m.																						

STATION	Sallum		Asyout		Aswan		Luxor		Sallum		S. Barrage		Asyout		Luxor		Dakhla		Kharga		Hurghada	
DATE	11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	14	310	13	10	12	140	4	190	8	190	8	290	10	340	15	360	20	30	10	330	16
600 m.	200	16	360	4	20	33	90	2	170	10	180	12	310	9	340	7	210	3	350	17	290	17
1000 m.	200	14	30	17	20	25	40	5	180	10	190	13	320	9	300	9	350	20	350	30	270	19
1500 m.	230	8	310	16	30	17	50	9	190	25			330	10	290	16			330	20	270	19
2100 m.			280	18	100	6	30	10	190	23					290	17					260	30
2400 m			270	23			10	7	190	14					280	27					230	13
3000 m.			250	31					200	17											240	34
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Mahrut														
DATE						11-5														
TIME						1200														
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface						30	26													
1000 mb.						160	25		130	7										
950 mb.																				
900 mb																				
850 mb						1560	13		160	3										
800 mb.																				
700 mb						3161	2		210	5										
600 mb.																				
500 mb						5793	-14													
400 mb.						7459	-25													
300 mb.						9477	-42													
200 mb.						12110	-59													

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE ....SATURDAY 11th MAY,.....1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(01–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Weather remains mild all over the Republic with gradual rise in temperature. High cloud increasing with some medium clouds. Possibility of rain in the extreme west on the coast. Moderate winds; NE'ly in the Nile Valley, SE'ly in the western desert.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 04 U.T. / " " Sunset 16 39 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 0600 on SATURDAY 11.4 MAY 1957

Area	Index Number	Station	0600 Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	1	4	As, ci	15.3	+2.3	21	10	15	-1	50	0	258	
	303	SIDI BARRÂNI	140	16	16	00	0	0	—	18.9		20	10	12		53	0	204	
	306	MATRÛḤ (A)	100	13	16	02	2	6	ci	17.3	+3.3	19	13	11		68	0	265	
	309	EL DAB'AA	40	14	10	00	0	3	ci	16.9		20	13	12		64	0	203	
	319	ALEXANDRIA	90	10	20	01	1	5	Sc, As, ci	17.6	+2.6	20	13	16	-1	64	0	283	185
	318	ALEXANDRIA (A)	100	12	12	02	1	4	Sc, ci	17.1	+2.3	19	12	12	-4	64	0	255	138
	330	DAMIETTA	70	5		03	1	3	Cu	16.7	+3.2	19	13	16	-1	68	0	228	104
	333	PORT SA'ÏD (A)	40	11	14	01	0	1	Sc, ci	17.4	+4.0	20	13	17	-2	64	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	9	10	01	1	2	ci	17.1	+3.3	20	13	12	-3	64	0	140	100
	342	MANṢÛRA	40	3		01	0	3	Cu	17.2	+3.5	20	13	14	-1	64	0	72	53
	348	ṬANṬA	20	10	20	01	1	2	ci	17.9	+3.9	17	13	11	-3	77	0	79	42
	360	SHEBÎN EL KÔM	40	2	10	01	1	1	Cu	16.8	+2.8	19	14	14		73	0	58	
	354	ZAGAZIG	40	2	10	03	1	3	As	16.0	+2.1	19	14	13	-1	73	0	53	26
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	60	16	16	01	1	5	ci	16.4		19	15	15		78	0	55	
	372	CAIRO ALMÂZA (A)	40	18	15	02	1	6	ci	16.2	+2.7	19	13	15	-3	68	0	60	
	374	CAIRO EZBEKÎYA										20	14	15	-1	69	0	49	25
	375	GIZA	90	14	10	02	3	6	ci	16.6	+3.2	19	14	14	0	73	0	48	25
	378	ḤELWÂN	40	10	10	02	2	5	ci	15.9	+2.7	20	12	15	-2	60	0	36	28
UPPER EGYPT	381	FAYOÛM	360	4	20	02	1	2	Ac	15.6	+2.6	21	12	15	-1	57	0	16	
	387	MINYA (A)	10	7	8	03	2	6	ci	15.1	+1.6	20	16	16	0	78	0	2	
	393	AṢYOÛṬ (A)	310	7	14	02	2	8	Ac, As	15.4	+3.1	21	10	20	+1	50	0	dr	
	399	NAG' ḤAMÂDI	00	0		03	0	0	ci	13.9	+2.6	25	13	19	+1	48	0	1	
	402	QENA	220	2	10	05	1	4	ci	12.0	+1.2	27	11	22	+2	37	0	dr	
	405	LUXOR (A)	00	0	20	01	1	4	Ac	12.3	+1.4	30	7	23		24	0	0	
	414	ASWÂN	360	12	12	01	2	3	ci	11.4	+0.6	29	7	26	+3	25	0	2	
OASES	417	SÎWA	120	6	15	01	1	5	As, ci	17.2	+2.7	19	6	16	+1	43	0	24	8
	420	BAḤARÎYA	40	2	10	03	2	7	ci	16.6	+3.1	17	13	15	-1	77	0	2	7
	423	FARAFRA																dr	
	432	DAKHLA	00	0	10	03	2	8	Cc	15.4	+3.0	23	2	21	+2	26	0	1	
	435	KHARGA	360	4	6	01	2	2	ci	12.8	+1.3	26	9	22	+2	35	0	3	
RED SEA	450	SUEZ	360	5	20	10	0	2	Cu	18.0	+5.1	19	14	14	-4	73	0	43	17
	459	TÔR																	13
	462	HURGHÂDA																dr	
	465	QUSEIR	340	9	20	03	1	8	Ac	12.9	+2.0	29	16	24	+1	46	0	dr	4
	641	PORT SÛDÂN	60	16	20	03	1	5	Sc	10.9		29	26	26		84	0		
NORTH SUDAN	600	WÂDI ḤALFA	20	19	16	02	0	1	ci	8.8		33	6	27		19	0		
	640	ABU ḤAMAD	70	9	22	02	0	0	—	6.8		35	17	29		35	0		
	660	KAREIMA	110	1	20	05	0	0	—	6.1		34	7	29		19	0		
	680	ʿAṬBARA																	
	721	KHARṬOÛM	270	15	11	07	2	7	As	8.6		35	19	29		39	0		
	780	KASSALA	200	6	20	01	0	1	Ac	7.7		34	13	30		29	0		
CENTRAL SUDAN	751	WÂD MEDANI	230	9	20	02	1	5	ci	8.4		33	16	29		36	0		
	801	RENK																	
	802	ROSEIRES	130	5	20	03	1	4	Ac	9.3		31	15	25		38	0		
	771	EL OBEID	350	13	20	01	2	5	Ac, Cc	7.4		31	17	25		43	6		
	790	EL FASHER	230	1	25	02	2	7	As, Cc	6.0		28	17	25		52	0		
	770	GENEINA	210	5	50	01	2	7	Ac, Cc	12.8		25	17	23		61	1		
S. SÛDÂN	840	MALAKÂL	250	4	20	03	2	7	As, ci	11.7		28	19	24		58	0		
	880	WÂU	260	4	20	03	2	6	Sc	12.9		25	21	23		79	0		
	941	JUBA	310	2	24	03	1	5	Cu, As, ci	13.3		27	24	22		84	0		
		SHIP REPORTS in code	732	67	24	606	970	22	121	24	755	20	76	220	004	22	1323	2	

At 1200 on 10th

Station	1200 Wind Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
SALLOÛM	70	10	18	02	1	7	Ac, As	15.7	20	13	64
SIDI BARRÂNI	70	18	18	03	1	1	ci	15.9	20	14	69
MATRÛḤ (A)	40	11	16	03	1	7	Cs	16.6	20	10	53
EL DAB'AA	340	10	20	00	0	6	As	15.9	20	8	46
ALEXANDRIA	360	11	20	01	1	4	Cs	16.7	19	12	64
ALEXANDRIA (A)	10	12	14	03	0	4	ci	16.2	22	12	53
DAMIETTA	20	2	20	01	1	1	Cu	16.3	21	12	57
PORT SA'ÏD (A)	20	9	24	02	0	1	Ac	16.1	22	13	57
EL 'ARISH											
DAMANHÛR	40	2	20	02	0	2	ci	16.8	24	9	38
MANṢÛRA	40	3		01	0	2	Cu	15.2	26	12	42
ṬANṬA	130	7	20	03	2	6	ci	15.6	25	10	39
SHEBÎN EL KÔM	40	5	20	01	1	1	Cu	15.6	24	6	32
ZAGAZIG	320	1	20	03	1	4	As	14.3	26	23	34
DAMANHÛR	50	9	15	03	1	7	Cs	14.4	24	12	47
MANṢÛRA	30	12	20	03	2	6	Cs	14.2	25	9	36
ṬANṬA											
SHEBÎN EL KÔM	60	10	10	02	2	6	Ac, As	14.8	25	12	45
ZAGAZIG	360	4	10	02	2	7	As	13.8	26	7	30
CAIRO (A)	360	6	20	02	2	7	As	14.0	26	8	32
CAIRO ALMÂZA (A)	10	10	8	03	0	5	ci	13.1	29	8	27
CAIRO EZBEKÎYA	310	6	15	03	2	7	Ac, As	11.5	31	3	17
GIZA	00	0	10	01	0	0	—	10.2	35	5	15
ḤELWÂN	00	0	20	01	1	1	ci	10.0	37	12	22
FAYOÛM	320	3	22	03	0	2	Cc	8.7	38	4	12
MINYA (A)	360	12	15	01	2	4	Cs	7.3	40	6	12
AṢYOÛṬ (A)	140	8	16	02	2	6	As	15.1	28	6	25
NAG' ḤAMÂDI	40	6	20	02	2	6	ci	14.6	26	14	48
QENA	80	6	20	03	0	8		14.3	27	0	17
LUXOR (A)	50	4	18	03	1	5	Cu	12.3	31	0	12
ASWÂN	20	5	20	01	0	2	ci	9.0	33	3	15
SÎWA	360	5	50	03	0	4	Cu	15.8	25	15	54
BAḤARÎYA	340	20	20	03	2	8	Cs	11.5	20	16	78
FARAFRA	350	10	20	02	1	8	Ac, As, Cc	11.6	26	24	70
DAKHLA	70	14	20	01	1	1	Cu, Sc	7.9	31	28	84
KHARGA	60	5	13	01	0	0	—	4.2	43	0	7
SUEZ	160	5	22	02	0	0	—	8.6	44	3	8
TÔR	90	3	21	02	0	0	—	1.5	46	3	8
HURGHÂDA	230	2	20	02	0	0	—	2.3	44	-3	5
QUSEIR	350	3	20	08	0	1	Cu, ci	2.1	43	13	16
PORT SÛDÂN	170	2	20	03	0	1	Cu	1.1	43	11	15
WÂDI ḤALFA											
ABU ḤAMAD											
KAREIMA	230	9	20	02	2	3	Ac, As	7.2	39	18	30
ʿAṬBARA											
KHARṬOÛM	220	11	20	03	2	6	Cb, Cs	7.2	39	17	28
KASSALA	100	5	25	03	2	7	Cu, Sc	1.6	39	14	23
WÂD MEDANI	330	5	24	02	2	6	Cu, Cs	5.5	37	25	50
RENK											
ROSEIRES											
EL OBEID	130	7	20	02	2	7	Cu, Ac, Cs	7.7	36	16	31
EL FASHER	180	5	20	02	1	7	Ac	9.0	37	2	18
GENEINA	90	2	24	03	2	7	Cu, Cs	7.9	33	21	50

At 1800 on 10th

Station	1800 Wind Direction Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	80	12	14	02	2	7	Cs	15.5	18	14	22	-3	78	0
SIDI BARRÂNI	120	16	14	02	2	4	Cs	15.8	17	13	21		77	0
MATRÛḤ (A)	80	8	14	02	2	6	Ac	17.0	16	10	22		68	0
EL DAB'AA	360	8	20	00	0	6	Ac, As	16.9	17	11	21		68	0
ALEXANDRIA	30		20	03	0	7	Cs	17.6	18	13	21	-3	73	0
ALEXANDRIA (A)	40	8	12	02	2	7	Cs	17.1	17	11	22	-4	68	0
DAMIETTA	360	2	4	02	1	2	Ac	16.3	18	11	21	-5	64	0
PORT SA'ÏD (A)	40	11	18	01	1	1	ci	16.6	19	14	24	-1	73	0
EL 'ARISH														
DAMANHÛR														
MANṢÛRA	20	3	10	00	1	0	—	18.6	19	12	28	-3	64	0
ṬANṬA	310	8	10	03	2	2	ci	15.4	19	14	27	-5	73	0
SHEBÎN EL KÔM														
ZAGAZIG	40	2	10	02	2	7	Sc	15.3	20	13	27	-5	64	0
CAIRO (A)	70	15	12	03	2	7	Cs	15.6	21	14	26		65	0
CAIRO ALMÂZA (A)	20	16	12	03	2	8	As	15.0	21	12	26	-7	57	0
CAIRO EZBEKÎYA											27	-5		
GIZA	70	12	8	03	2	8	Cs	15.2	21	13	26	-6	61	0
ḤELWÂN	90	13	10	02	2	8	Cs	15.0	22	12	26	-6	53	0
FAYOÛM	360	20	2	02	0	7	As	14.0	23	11	28	-6	47	0
MINYA (A)	350	3	7	02	2	7	ci	14.3	22	8	29	-6	41	0
AṢYOÛṬ (A)	310	9	10	02	2	8	As	13.9	25	6	32	-4	30	0
NAG' ḤAMÂDI	00	0	4	01	0	2	Ac	12.3	29	12	36	0	35	0
QENA	270	4	5	06	1	6	Ac, As	10.3	32	11	38	0	28	0
LUXOR (A)	320	4	12	02	2	6	Ac, As	9.5	32	10	39		26	0
ASWÂN	350	8	13	03	2	6	Ac, ci	7.3	36	4	40	+1	13	0
SÎWA	180	7	14	02	2	7	Ac, Cs	15.2	24	6	29	-4	32	0
BAḤARÎYA	00	0	20	02	2			14.8	24	13	28	-6	50	0
FARAFRA		2												
DAKHLA	40	5	8	01	2	5	ci	12.4	28	11	31	-6	38	0
KHARGA	330	18	5	13	4	0	—	10.6	30	2	34	-3	17	0
SUEZ	360	7	10	01	0	3	Cu	15.5	22	13	28	-4	57	0
TÔR														
HURGHÂDA														
QUSEIR	330	6	20	01	1	7	Ac	11.5	25	17	28	-2	61	0
PORT SÛDÂN	30	1	20	03	1	7	Sc, Cs	8.6	29	26	33		84	0
WÂDI ḤALFA	350	19		07	0	0	—	5.6	30	4	46		19	0
ABU ḤAMAD	160	3	22	02	0	0	—	3.4	36	10	49		20	0
KAREIMA	70	2	21	02	0	0	—	2.1	39	-1	47		8	0
ʿAṬBARA	00	0	20	02	0	0	—	2.0	36	8	45		18	0
KHARṬOÛM	20	4	20	01	1	0	—	2.7	37	10	44		19	0
KASSALA	00	0	20	02	0	1	Ac	3.3	33	13	44		30	0
WÂD MEDANI											43			
RENK														
ROSEIRES											41			
EL OBEID	270	5	20	01	0	5	Ac, Cs	5.3	29	22	39		66	6
EL FASHER											41			0
GENEINA	300	9	50	17	0	8	Sc, As, Cs	9.0	26	17	39		58	1
MALAKÂL	180	5	20	01	2	3	Ac, Cs	7.9	31	17	37		43	0
WÂU	00	0	20	01	2	6	Cs	8.4	27	23	31		79	0
JUBA	00	0	24	02	2	6	Cs	7.3	27	23	34		79	0

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2330	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	200	14	40	28	310	16	40	11	360	15	360	30	160	4	40	12	30	12	360	35	140	12
600 m	200	18	40	21	320	15	40	10	360	17	360	29	150	4	90	13	40	12	360	35	170	9
1000 m	200	19	20	27	320	16	60	7	10	17	10	21	180	4	70	13	10	14	360	31	220	8
1500 m.	200	18	20	19	310	14	40	15	320	5	20	17	250	4			340	19	330	10	280	13
2100 m.	200	17			320	4	20	11	240	4			320	7			350	22	320	7	290	8
2400 m					320	14			250	4			310	6			340	19	320	11	290	10
3000 m													270	4			300	11	280	8		
4000 m.													280	11								
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	11-5		11-5		11-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	7	60	14	310	10	130	11	90	7	360	19	140	5	220	2	10	7	340	5	270	20
600 m.	360	3	50	20	320	2	100	17	30	10	30	18	200	12	340	3	30	6	10	9	270	8
1000 m	220	18	30	24	330	4	90	17	20	18	20	22	230	9	350	9	30	5	10	9	330	4
1500 m	310	30	350	23	330	3	320	5	20	16	20	18	280	15			330	4	20	10	300	14
2100 m	280	17	350	20			310	21	320	24	20	16	280	17			270	3	20	16	300	15
2400 m	270	19	350	20					320	22	20	23	280	14			260	2	10	8	310	17
3000 m			330	20					300	14									40	7		
4000 m									270	20												
5000 m																						
6000 m																						

STATION	Salloum		Cairo (A)		Luxor		Matruh		Asyout		Salloum		Asyout		Luxor		Dakhla		Kharga		Hurghada	
DATE	12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5	
TIME	0500		0500		0500		0700		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m	310	8	80	13	320	9	90	10	340	9	310	20	340	11	30	13	350	17	10	8	320	20
600 m.	330	16	60	17	340	13	260	25	10	12	310	30	340	15	20	15	360	19	20	15	300	15
1000 m	320	13	50	19	350	18	280	24	360	20	320	11	10	9	20	12	360	24	10	10	290	17
1500 m	320	16			330	4	270	20	10	21	290	17	360	14	20	10			320	12	280	10
2100 m	310	16			330	17			360	25					350	20			280	23	250	13
2400 m	300	17			320	24			340	15					320	20			290	50	240	17
3000 m					290	13			280	13					230	10					250	24
4000 m									250	47												
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh																
DATE						12-5																
TIME						1200																
	ALT m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface						30	21															
1000 mb						133	22		320	14												
950 mb																						
900 mb																						
850 mb						1552	20		270	15												
800 mb																						
700 mb						3190	8		230	25												
600 mb																						
500 mb						5867	-11		270	37												
400						7547	-20		270	50												
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 12th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour but not at time of observation
22	Snow	not falling as shower (s) — during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Temperature continues to rise gradually from the N. coast to Middle Egypt. Moderate S/SE'ly winds. High and medium clouds increasing. In extreme Upper Egypt: Hot weather; light E'ly winds, some high and medium clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO ... 03 03 ... 16 40 ...

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 11th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	40	10	18	11	1	7	Ac,ci	14.3	26	11	40
	303	SÎDI BARRÂNI	90	20	15	05	1	6	Ac,cs	15.0	25	17	61
	306	MATRUH (A)	60	14	16	03	2	6	ci	16.7	26	12	42
	309	EL DAB'AA	20	10	23	00	0	3	ci	16.6	23	8	68
	319	ALEXANDRIA	40	12	23	01	1	4	cs	17.2	21	14	65
	318	ALEXANDRIA (A)	30	11	12	01	0	2	ci	16.8	24	14	54
	330	DAMIETTA	70	2	20	31	1	1					
	333	PORT SA'ÎD (A)	10	9	26	01	0	2	ci	16.8	26	15	51
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	5	20	01	0	1	ci	16.4	27	11	27
	342	MANṢÛRA	40	5		02	0	0	—	15.9	28	11	35
	348	ṬANṬA	310	5	20	03	1	3	ci	10.2	27	20	66
	360	SHEBÎN EL KÔM	110	5	20	01	1	1	ci	15.9	27	6	27
	354	ZAGAZIG	40	1	20	01	1	3	ci	15.3	29	12	35
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	40	2	18	02	2	6	ci	12.6	28	3	20
	372	CAIRO ALMÂZA (A)	20	10	25	02	1	3	ci	14.7	27	2	20
	374	CAIRO EZBEKÎYA											
	375	GIZA	100	9	10	03	1	5	ci	14.6	28	7	27
	378	ḤELWÂN	40	4	10	02	2	7	ci	14.4	28	2	19
Upper Egypt	381	FAYOÛM	360	4	20	02	2	1	Ac	14.3	30	8	25
	387	MINYA (A)	20	6	10	02	2	6	Ac,ci	14.0	31	5	19
	393	AṢYOÛṬ (A)	260	9	18	02	1	6	Ac,cs	12.9	32	3	16
	399	NAG' HAMÂDI	00	0	10	01	0	4	Ac	13.0	33	11	26
	402	QENA	240	4	20	01	1	8	cs	11.8	37	12	22
	405	LUXOR (A)	340	10	20	02	0	2	cs	10.3	38	4	12
	414	ASWÂN	360	12	12	03	0	6	cs	7.1	40	5	12
Oases	417	SÎWA	180	8	16	02	1	6	cs	16.2	31	3	17
	420	BAHARÎYA	260	3	20	02	2	7	Ac	13.3	29	8	27
	423	FARAFRA	40	3	20	02	2	7	Ac,cs	15.6	28	3	20
	432	DAKHLA	350	11	14	03	2	8	cc	13.8	30	5	21
	435	KHARGA	350	14	10	02	2	8	cs	10.6	32	1	14
Red Sea	450	SUEZ	360	6	50	03	0	3	cu	15.8	27	13	42
	459	TÔR											
	462	HURGHÂDA	340	16	22	02	2	7	Sc	13.6	25	15	54
	465	QUSEIR	350	12	25	02	1	8	Ac,As,ci	11.6	27	19	62
	641	PORT SÛDÂN	40	14	20	03	1	3	Sc,ci	8.9	31	27	79
North Sudan	600	WÂDI HALFA	50	13	8	07	0	5	cs	5.4	41	7	13
	640	ABU ḤAMAD											
	660	KAREIMA	110	3	21	02	1	3	cu,ci	1.9	45	8	11
	680	'AṬBARA											
	721	KHARṬOÛM	70	6	16	06	2	5	cs	1.4	45	11	14
	730	KASSALA	50	2	20	03	0	5	cu,cs	1.5	42	14	19
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	360	8	8	15	2	7	ch	5.5	38	16	27
	760	EL FASHER											
	770	GENEINA	50	3	24	02	2	7	cu,ci	6.7	35	20	42
S. Sûdân	840	MALAKÂL	330	2	20	02	2	7	cu,Ac,cs	6.7	36	18	35
	880	WÂU	250	6	20	03	2	6	cu,As	7.4	33	21	50
	941	JUBA											

73231 | 267 12 | 03608 | 97010 | 095 29 | 00X00 | 35618

At 1800 on 11th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	00	0	10	02	2	5	Ac	16.9	22	14	32	+5	61	0
SÎDI BARRÂNI			15	01	2	6	Sc,Ac	13.6	20	16	28		78	0
MATRUH (A)	100	13	15	02	2	7	Ac,As,ci	16.1	18	15	27		83	0
EL DAB'AA	20	10	20	00	0	5	cs	16.7	18	15	25		83	0
ALEXANDRIA	40	14	20	03	1	7	cs	17.4	19	16	22	-4	83	0
ALEXANDRIA (A)	40	11	12	01	2	6	Ac,cs	16.8	18	13	26	0	73	0
DAMIETTA	360	2		03	1	3	Ac	16.2	19	14	22	-4	73	0
PORT SA'ÎD (A)	30	14	20	01	0	2	cu,ci	16.4	19	16	26	+1	83	0
EL 'ARISH														
DAMANHÛR	20	2		02	0	4	cs	17.0	19	14	28	-2	73	0
MANṢÛRA	360	7		02	0	0	—	16.6	19	14	29	-2	73	0
ṬANṬA	360	7	10	03	2	8	As	16.6	20	13	29	-3	64	0
SHEBÎN EL KÔM	40	2	10	01	1	1	Sc	15.9	21		28			0
ZAGAZIG	220	2	10	02	0	1		15.3	22	13	28	-4	57	0
ISMA'ILIA														
CAIRO (A)	40	11	16	02	2	7	cs	15.3	22	6	28		36	0
CAIRO ALMÂZA (A)	40	16	15	03	2	7	ci	15.2	23	5	28	-5	32	0
CAIRO EZBEKÎYA											30	-2		
GIZA	100	9	8	03	2	7	cs	15.1	23	7	28	-4	36	0
ḤELWÂN	90	13	10	02	2	8	ci	15.1	22	7	29	-3	38	0
FAYOÛM	360	4	20	02	2	7	Ac	14.3	25	8	30	-4	34	0
MINYA (A)	360	8	8	02	2	5	Ac	13.7	24	6	32	-3	32	0
AṢYOÛṬ (A)	310	10	10	02	2	7	Ac,As	12.8	28	2	33	-3	14	0
NAG' HAMÂDI	00	0		00	0	0	—	12.2	24	4	33	-3	28	0
QENA	00	0		01	1	7	Ac	10.7	28	13	38	0	40	0
LUXOR (A)	330	2	15	02	2	6	cs	9.6	30	5	38		21	0
ASWÂN	20	22	10	03	2	7	cs	8.5	34	2	41	+2	13	0
SÎWA	00	0	14	01	2	3	As	14.7	25	5	31	-3	28	0
BAHARÎYA	20	2	20	02	2	7	cc	13.1	27	5	30	-4	25	0
FARAFRA	00	0	12	02	2	8	Ac,ci	15.4	26	0	30		18	0
DAKHLA	320	8	8	02	2	8	cc	14.3	26	0	32	-5	18	0
KHARGA	360	2	5	01	1	7	cs	11.4	27	0	34	-4	17	0
SUEZ						3	cu	15.9	23	12	29	-3	50	0
TÔR														
HURGHÂDA	00	0	15	02	2	8	Sc,As	14.2	26	18			62	0
QUSEIR	350	6	20	02	1	8	cs	11.1	25	19	29	-2	70	0
PORT SÛDÂN	20	4	20	01	2	3	Sc,ci	8.7	28	26	32		89	0
WÂDI HALFA	30	20	4.8	07	2	7	cs	5.9	37	7	43		16	0
ABU ḤAMAD	360	2	22	01	2	5	Ac	2.0	39	7	46		14	0
KAREIMA	50	3	21	03	1	2	Ac	1.5	41	5	46		11	0
'AṬBARA	20	4	20	01	1	8	cu,Ac		40	8	45		14	dr
KHARṬOÛM	330	3	16	06	2	1	Ac,ci	1.9	37	8	45		17	0
KASSALA	00	0	20	02	0	1	Ac	2.5	33	17	44		38	0
WÂD MEDANI											43			
RENK														
ROSEIRES											41			
EL OBEID	220	13	20	13	9	7	cb,Ac,cs	6.1	28	19	39		58	0.4
EL FASHER	260	9	20	01	3	7	Ac,As	7.3	27	15	37		48	0
GENEINA											37			11
MALAKÂL	220	12	10	95	9	7	cb,Ac	9.7	21	21	37		97	5
WÂU											35			0
JUBA	00	0	24	02	2	7	cu,cs	6.9	29	23	36		70	0

At 0600 on SUNDAY 12th MAY, 1957

Station	Wind Direction	Wind Velocity in Knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	00	0	18	03	0	6	—	13.8	+0.8	20	15	16	0	73	0	258	
SÎDI BARRÂNI	290	17	16	00	0	0	—	13.7		19	16	15		83	0	254	
MATRUH (A)	330	7	11	01	2	4	Ac	13.5	-0.5	23	7	16		36	0	265	
EL DAB'AA	160	12	10	00	0	3	ci	13.9		21	12	15		57	0	203	
ALEXANDRIA	130	15	20	01	1	5	cs	15.2	+1.2	20	15	17	0	73	0	283	185
ALEXANDRIA (A)	160	4	12	02	2	4	ci	15.1	+1.3	20	14	15	-1	69	0	255	138
DAMIETTA	70	2	10	00	0	0	—	15.7	+2.2	19	14	17	0	73	0	238	104
PORT SA'ÎD (A)	70	12	12	01	2	6	cs	15.2	+1.8	21	15	18	-1	69	0		
EL 'ARISH																	
DAMANHÛR	130	2	10	02	0	3	ci	15.1	+1.3	21	16	15	0	74	0	140	100
MANṢÛRA	300	3		00	0	0	—	16.4	+1.7	22	15	16	+1	65	0	73	33
ṬANṬA	60	0	20	01	1	4	As	16.0	+2.0	17	14	13	-2	83	0	79	42
SHEBÎN EL KÔM	140	2	10	01	1	1	Ac	15.4	+1.5	20	13	15		64	0	58	
ZAGAZIG	90	2	10	03	1	6	Sc	15.3	+1.4	20	15	15	0	73	0	53	26
ISMA'ILIA																	
CAIRO (A)	80	4	12	02	2	7	cs	14.5		20	15	16		73	0	55	
CAIRO ALMÂZA (A)	40	10	15	01	2	6	cs	14.3	+0.9	19	13	16	-2	68	0	60	
CAIRO EZBEKÎYA										20		16	-1		0	43	25
GIZA	90	4	8	01	—	6	cs	15.1	+1.8	19	14	15	+1	73	0	58	25
ḤELWÂN	00	0	10	02	2	7	As,cc	14.4	+1.3	21	7	16	-1	41	0	36	28
FAYOÛM	360	4	20	02	2	7	Ac	14.2	+1.2	20	13	16	-1	64	0	16	8
MINYA (A)	360	6	7	02	2	6	Ac,As	13.4	0.0	19	13	19	+3	68	0	2	
AṢYOÛṬ (A)	300	7	12	50	2	7	Ac,As	12.9	+0.7	21	10	20	+1	50	dr	dr	
NAG' HAMÂDI	00	0		01	0	3	Ac	11.2	-0.1	25	11	21	+3	42	0	1	
QENA	290	3	10	00	1	6	ci	11.2	+0.5	28	7	23	+3	27	0	dr	
LUXOR (A)	240	4	22	02	2	6	cs	11.1	+0.2	27	7	23		28	0	0	
ASWÂN	340	10	12	03	2	8	As	11.3	+0.5	29	2	27	+4	13	0	8	
SÎWA	120	6	16	02	0	0	—	14.0	-0.5	21	3	15	-1	31	0	24	8
BAHARÎYA	20	2	20	02	2	7	Ac,As	14.4	+0.9	20	10	18	+2	53	0	2	7
FARAFRA	90	0	15	03	0	8	Ac,ci	14.9		22	-1	19		21	0	dr	
DAKHLA	290	4	15	02	2	8	cc	14.8	+2.4	23	0	21	+2	22	0	1	
KHARGA	360	4	6	01	2	4	Ac	11.2	-0.2	26	6	23	+2	28	0	3	
SUEZ	360	5	20	00	0	5	cu	15.8	+3.0	19	16	14	-4	83	0	42	17
TÔR																	13
HURGHÂDA																dr	
QUSEIR	330	10	20	02	1	8	Ac,ci	11.2	+0.4	26	16	25	+2	55	0	dr	4
PORT SÛDÂN	360	8	20	01	2	5	Sc	8.5		30	25	26		74	0		
WÂDI HALFA	20	20	10	07	2	4	Ac	10.5		29	5	29		22	0		
ABU ḤAMAD	50	9	20	02	2	7	As			34	4	30		74	0		
KAREIMA	100	12	15	07	1	4	cs	4.4		33	11	30		26	0		
'AṬBARA	270		10	07	2	5	Ac	3.1		32	17			47	0		
KHARṬOÛM	230	17	18	07	2	4	Ac,ci	4.1		33	18	29		41	0		
KASSALA	210	8	20	01	1	4	Ac,ci	6.1		33	16	28		36	dr		
WÂD MEDANI	230	19	20	02	2	6	Ac	7.9		32	17	29		41	0		
RENK																	
ROSEIRES	110	2	20	02	2	8	Sc	10.9		28	19	23		58	RAIN		
EL OBEID	260	6	20	03	2	7	Ac,cs	7.8		28	18	24		55	0.4		
EL FASHER	210	10	20	15	2	7	Ac,As	11.2		25	20	23		74	6		
GENEINA	110	3	50	02	2	8	Sc,Ac,ci	12.7		24	19	21		74	15		
MALAKÂL	10	14	14	60	2		As,Sc,cs	12.5		24	20	22		79	6		
WÂU	320	4	20	02	2	7	cs	10.2		26	23	25		84	0		
JUBA	190	5	24	03	2	7	cb,Ac,ci	9.9		29	21	24		62	0		

SHIP REPORTS in code

132 63 | 348 06 | 835 03 | 97022 | 098 26 | 636 20 | 742 70

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Asyout		Luxor		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	23	320	12	10	7	60	10	20	15	350	24	300	15	330	14	100	21	70	10	20	9
800 m	340	23	320	13	10	10	360	4	30	8	350	19	300	19	330	7	100	12	30	3	360	12
1000 m	350	18	330	10	350	12	140	5	360	8	350	16	300	17	140	2	130	6	290	8	310	8
1500 m	360	13	330	13	300	10	200	20	350	4	360	14	320	13	230	10	240	12	300	21	280	20
2100 m	350	10	290	13	260	4			330	4			310	15			250	16	290	21	300	29
2400 m	350	9	280	23	240	12			350	2			300	14			250	18	280	26	310	24
3000 m			280	14									300	35			260	23	300	27	290	20
4000 m																						
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Salloum		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	12-5		12-5		12-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	40	10	320	9	340	14	20	11	90	10	10	13	10	12	310	5	10	10	330	17	300	4
800 m	340	10	330	11	340	23	20	12	100	6	340	14	350	10	320	6	50	4	340	14	320	6
1000 m	320	15	360	16	350	14	340	14	160	8	330	19	330	17	290	5	30	5	320	16	320	10
1500 m	330	18	350	19	320	6	320	11	210	6			270	19			270	5	270	13	290	15
2100 m	320	16	340	13	280	19			220	14			300	17			210	11	240	14	280	18
2400 m	320	16	330	14					220	19			300	20			210	15	260	18	290	17
3000 m			290	16					240	23							240	19	270	15	300	18
4000 m																	260	23			300	26
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Aswan		Salloum		S. Barrani		Asyout		Luxor		Baharyia		Dakhla		Kharga		Hurghada	
DATE	13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	310	13	140	3	360	20	30	11	220	11	330	14	320	6	140	17	300	11	320	19	70	10
800 m	270	12	140	4	10	20	320	10	320	17	320	16	320	11	180	3	300	19	340	31	20	10
1000 m	310	12	140	4	10	17	280	9	340	7	290	16	310	9	290	11	300	19	340	26	360	6
1500 m	320	22	140	10	10	12	310	10	330	7	290	27	320	6	280	11			310	15	280	12
2100 m							290	9	300	11			320	14	280	28					270	20
2400 m							280	17	310	13			320	16							270	21
3000 m									300	12			290	20							250	25
4000 m																					260	31
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION											Aswan									
DATE											13-5									
TIME											1130									
	ALT. m	TEMP. °C	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface											111	36		350	12					
1000 mb																				
950 mb																				
900 mb																				
850 mb											1540	23		360	4					
800 mb																				
700 mb											3190	8		230	10					
600 mb																				
500 mb											5905	-7		270	22					
400 mb											7607	-18		270	19					
300 mb											9630	-35		270	22					
200 mb											12360	-50								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 13th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "

50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:
No apparent change in temperature. Winds chiefly moderate NW'ly. Some low and high clouds near the coast, decreasing in Lower Egypt and Cairo.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 03 03 ... U.T.
Sunset 16 40 ... U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 12th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
320	12	18	02	0	4	Sc	13.6	25	16	58
310	23	15	01	2	6	Sc	13.7	20	16	78
310	17	10	01	2	5	Cu	13.0	21	16	74
40	10	20	01	1	2	Ac	13.3	24	14	54
10	4	14	01	0	3	Ac, cc	12.7	27	14	45
40	2	20	03	0	1	Ac	14.2	25	15	54
350	9	24	02	0	0	—	13.0	24	14	54
160	2	20	01	0	2	cs	13.8	29	12	35
360	3		02	0	0	—	12.4	30	11	31
100	5	20	01	1	2	ci	13.8	29	12	35
140	5	20	01	1	0	—	13.1	28	4	22
140	1	20	02	0	0	—	11.6	30	15	40
70	9	20	02	0	0	—	11.2	30	3	18
30	8	25	02	1	1	cs	11.5	30	3	18
120	7	10	01	0	0	—	12.2	30	7	24
00	0	10	01	0	0	—	12.8	29	-1	14
360	6	20	01	0	0	—	12.3	31	5	19
10	7	8	02	0	1	Ac	11.0	33	8	21
310	5	16	02	2	5	Ac, As	11.0	32	6	20
00	0	10	01	0	1	Ac	10.6	29	12	35
00	0	20	02	2	5	cs	8.8	34	6	18
350	10	22	02	2	7	cs	8.3	33	6	19
320	10	15	01	2	6	cs	8.6	35	3	13
310	15	16	03	0	2	Cu, Ac	12.5	32	5	18
200	3	20	02	1	0	—	12.5	32	6	20
360	3	20	02	0	0		13.4	32	4	17
20	4	20	02	1	0	—	12.2	32	7	21
350	2	8	02	2	4		8.7	32	5	18
310	4	50	01	0	3	Cu	13.1	29	9	29
340	18	22	00	2	8	Ac, As	8.2	26	12	42
340	12	20	02	1	8	Sc, Ac, cs	11.2	25	17	61
230	15	20	02	2	6	Ac, cs	2.8	38	10	18
310	10	10	02	6	1	Ac	7.5	37	21	40
210	50	50	02	2	7	Cu, Ac, cs	9.0			
13274	833	12	970	32	0782	5	64520	74623		

At 1800 on 12th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
360	12	14	01	0	3	Sc	13.4	19	16	25	-2	83	0
320	19	14	01	2	6	Sc	13.4	17	15	21		88	0
300	17	14	03	1	6	As	12.7	18	14	25		78	0
320	12	20	00	0	0	—	11.6	19	16	27		83	0
90	11	20	01	0	0	—	10.8	22	15	27	+1	65	0
60	6	12	02	0	0	—	10.4	20	15	29	+3	73	0
40	2		03	1	6	Cu	12.0	22	13	26	0	57	0
50	10	16	03	0	4	Ac	11.9	20	15	25	0	73	0
40	2	10	02	0	0	—	11.2	23	12	32	+2	50	0
40	3		02	0	0		10.9	24	11	32	+1	44	0
40	10	10	02	0	0	—	10.6	25	12	31	-1	45	0
140	2	10	01	1	1	Cu	10.6	27	11	31		37	0
40	1	10	01	0	1	ci	10.3	27	13	30	-2	42	0
50	12	14	02	0	1	As	10.4	26	6	31		28	0
40	14	15	02	0	0	—	10.5	26	5	31	-2	27	0
										33	+1		
00	0	10	01	0	0	—	10.1	23	10	31	-1	44	0
00	0	10	02	0	0	—	10.7	26	4	32	0	25	0
360	4	20	02	0	0	—	9.8	26	9	33	-1	35	0
00	0	8	02	0	0	—	9.7	24	10	34	-1	41	0
290	6	12	02	0	0	—	9.4	26	8	34	-3	32	0
00	0		02	0	4	Ac	9.6	23	12	33	-3	50	0
00	0		00	0	0	—	8.8	27	11	34	-4	37	0
280	1	12	01	0	0	—	8.6	28	8	34		29	0
360	6	14	01	2	4	Ac	6.9	30	5	35	-4	21	0
320	8	14	01	1	1	Cu	11.8	28	10	33	-1	33	0
320	3	20	02	0	0	—	10.0	30	6	34	0	22	0
330	5	9	02	0	0	—	11.5	28	4	34	-3	22	0
00	0	9	02	0	0	—	8.4	27	2	34	-4	20	0
310	5	10	01	0	0	—	11.6	26	14	31	-1	48	0
320	10	12	02	0	0	—	9.0	24	12	27	-3	47	dr
300	7	20	01	1	3	Sc	9.1	25	17	29	-2	61	0
10	6	20	02	2	7	As, As	5.5	29	27	32		89	0
40	12	20	01	2	5	Ac	6.8	32	8	39		17	0
340	18	7	07	2	7	Ac, cs	9.5	36	7	44		17	0
30	12	20	12	9	6	ch, Ac	2.5	32	14	44		32	dr
200	15	15	07	2	1	ci	1.0	35	20	42		42	0
260	4	18	12	2	7	ch, cs	2.2	35	15	41		30	0
										40			
										33			
200	14	15	06	2	6	Ac	4.2	31	14	38		36	0
360	2	10	05	2	7	Ac/cs	2.2	33	14	37		32	0
00	0	30	02	2	7	Ac, cs	7.4	28	20	32		62	0
170	5	15	61	9	8	As, Ac, As	11.1	22	21	34		94	8
										35			0

At 0600 on MONDAY 13th MAY, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total from Oct. 1st	Rainfall mms. Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	320	12	18	01	1	3	Sc	13.5	+0.5	19	16	16	0	83	0	258	
	303	SÎDI BARRÂNI	340	16	15	00	0	6	Sc	12.6		18	16	16		88	0	254	
	306	MAṬRÛḤ (A)	340	18	16	02	2	7	Sc	11.8	-2.2	19	14	16		73	0	265	
	309	EL ḌAB'AA	270	11	10	00	0	6	Cu	10.7		20	13	17		64	0	203	
	319	ALEXANDRIA	280	8	20	03	0	6	Sc	11.5	-2.5	20	15	17	-1	73	0	283	185
	318	ALEXANDRIA (A)	300	6	12	01	2	6	Sc	11.0	-2.7	20	14	16	0	69	0	255	138
	330	DAMIETTA	340	2		01	1	1	Ac	9.6	-5.9	20	17	16	-1	83	0	238	104
	333	PORT SA'ÎD (A)	50	8	14	01	1	1	Ac	9.6	-3.7	22	17	18	-2	74	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	310	2		03	0	3	Cu	16.6	-3.2	20	15	16	+1	73	0	140	100
	342	MANṢÛRA	20	3		00	0	0	—	9.8	-3.8	23	14	18	+2	57	0	13	53
	348	ṬANṬA	270	1	20	03	0	0	—	11.0	-3.0	20	13	14	-1	64	0	79	42
	360	SHEBÎN EL KÔM	20	2	10	00	0	0	—	10.3	-3.6	21	12	16		67	0	58	
	354	ZAGAZIG	220	1	10	02	0	0	—	9.9	-3.9	19	14	13	0	73	0	53	26
	441	ISMA'ILÍA																	
CAIRO AREA	366	CAIRO (A)	300	7	18	02	0	0	—	10.1		20	12	16		60	0	55	
	372	CAIRO ALMÂZA (A)	270	6	15	02	0	0	—	10.0	-3.4	21	12	16	-2	57	0	60	
	374	CAIRO EZBEKÎYA										22	14	18	+1	61	0	43	25
	375	GIZA	20	9	10	03	—	1	Cu	10.7	-2.6	21	17	15	+1	78	0	58	25
	378	ḤELWÂN	340	2	10	02	0	0	—	10.6	-2.5	20	13	17	0	64	0	36	28
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	11.1	-1.9	22	16	18	+1	69	0	16	8
	387	MINYA (A)	360	3	8	02	0	0	—	10.4	-2.9	23	14	15	-2	37	0	2	
	393	ASYOÛT (A)	270	3	14	02	0	0	—	10.6	-1.6	24	6	20	0	32	0	dr	
	399	NAG' ḤAMÂDI	00	0		01	0	3	Ac	10.6	-0.6	24	12	17	-1	47	0	1	
	402	QENA	00	0	10	00	0	0	—	10.3	-0.4	26	7	18	-2	30	0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	9.6	-1.2	28	4	17		22	0	0	
	414	ASWÂN	360	3	12	02	0	0	—	9.5	-1.2	27	5	20	-3	25	0	8	
OASES	417	SÎWA	10	8	12	02	0	0	—	13.9	-0.5	18	13	16	0	73	0	24	8
	420	BAḤARÎYA	20	4	20	02	0	0	—	11.6	-1.9	28	11	17	0	35	0	2	7
	423	FARAFRA																dr	
	432	DAKHLA	00	0	15	02	0	0	—	12.0	-0.3	26	7	19	0	30	0	1	
	435	KHARGA	00	0	8	02	0	0	—	9.5	-1.8	25	5	15	-6	28	0	3	
RED SEA	450	SUEZ	40	3	20	00	0	0	—	10.6	-2.1	21	14	14	-4	65	0	42	17
	459	TÔR																	13
	462	HURGHÂDA	20	1	22	00	0	0	—	9.0	-1.7	23	14	18	-2	51	0	dr	
	465	QUSEIR	340	10	20	01	1	0	—	9.0	-1.8	28	10	22	-1	33	0	dr	4
	641	PORT SÚDÂN	330	9	20	02	2	7	Sc, Ac, As			29	25	27		79	1		
NORTH SUDAN	600	WÂDI ḤALFA	30	12	20	01	1	1	Ac	9.2		28	4	22		22	0		
	640	ABU ḤAMAD	00	0	10	05	2	7	Ac, As	6.2		32	15	29		36	0		
	660	KAREIMA	50	2	4	02	6	5	Ac	9.0		27	23	23		79	dr		
	680	ʿATBARA	170	10	10	06	2	7	Ac, cs	5.7		31	15	27		38	dr		
	721	KHARṬOÛM	130	16	18	05	2	7	Ac, cs	5.1		31	19			49	0		
	780	KASSALA	180	7	15	06	1	1	Ac	6.3		32	17	27		41	0		
CENTRAL SUDAN	751	WÂD MEDANI	160	12	20	02	2	7	cs	6.4		30	14			38	0		
	801	RENK																	
	802	ROSEIRES	130	5	20	02	1	3	ci	7.3		28	19	22		58	0		
	771	EL OBEID	300	14	5	05	2	3	Ac	5.0		30	14	27		38	0		
	760	EL FASHER																	
	770	GENEINA	00	0	4	05	2	8	Ac, ci	10.4		28	15	23		45	0		
S. SÚDÂN	840	MALAKÁL			20	02	4	7											
	880	WÂU	00	0	20	02	2	7	As	8.7		23	21	22		89	9		
	941	JUBA	140	5	24	02	2	7	Ac, cs	10.3		25	21	21		79			

SHIP REPORTS in code

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Cairo A		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	10	320	8	310	18	350	10	360	14	310	26	340	8	340	16	10	10	330	11	80	11
600 m.	310	10	340	15	310	17	340	10	310	16	310	24	350	7	330	17	10	9	10	12	50	10
1000 m.	290	19	340	16	320	5	320	9	310	5	320	23			320	17	20	9	10	12	60	10
1500 m.	90	15			310	12	310	10	290	14	300	21	80	9					360	13	280	6
2100 m.	300	11							270	13			320	11					20	27	270	17
2400 m.	300	16							250	16			300	13					30	23	310	20
3000 m.	280	16							240	7									20	56	290	19
4000 m.									230	5											280	28
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-5		13-5		13-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	6	360	10	360	13	30	7	360	7	360	15	110	12	340	13	350	8	320	7	200	4
600 m.	10	13	60	7	350	12	10	7	360	4	20	16	100	9	280	4	260	4	310	14	220	3
1000 m.	340	10	20	6	350	12			10	3	20	23	30	3	240	9	270	4	300	16	210	3
1500 m.	290	19	250	8	350	15			310	3	310	13	310	10					310	13	250	5
2100 m.	300	22	290	9					300	3	320	9	310	13							310	16
2400 m.	290	24							280	1			300	6							310	22
3000 m.	300	14							160	2			320	30							300	18
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Mahrad		Asyout		Luxor		Aswan		S. Barnani		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	330	8	320	2	20	10	330	12	320	8	280	5	360	7	350	4	20	6		
600 m.	310	9	20	10	10	6	20	19	240	13	320	12	260	6	350	4	340	5	340	7		
1000 m.	320	13	350	14	340	6	10	16	260	15	300	20	240	4	20	7	310	5	340	10	320	9
1500 m.			330	7	260	7	330	15	270	15	280	15	260	8	330	6	280	13	330	8	260	15
2100 m.			280	8	230	9	240	9	270	22	280	10	270	5	300	19			280	12	240	25
2400 m.			300	12	290	10	230	13			280	7	240	7	300	16			290	13	240	26
3000 m.			290	12	220	3	280	9							290	17					220	48
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb																						
900 mb																						
850 mb																						
800 mb.																						
700 mb																						
600 mb.																						
500 mb.																						
400 mb																						
300 mb.																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 71

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 14th MAY 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	
26	" of snow, or of rain and snow	
27	" " hail, " " " " hail	
28	Fog	
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
		during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather all over the Republic. Low clouds over Lower Egypt and Cairo in the early morning, dissipating gradually inland during daytime. Moderate N/NW'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 02 U.T. / Sunset 16 41 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	350	15	18	02	1	5	Sc, ci	13.4	22	16	69
	303	SÎDI BARRÂNI	320	20	16	01	1	2	ci	13.5	20	16	78
	306	MATRÛH (A)	340	16	16	02	0	4	cu	13.0	22	14	61
	309	EL DAB'AA	320	12	20	00	3	7	AC, AS	12.4	21	14	65
	319	ALEXANDRIA	360	12	20	01	1	5	Sc	11.6	23	15	61
	318	ALEXANDRIA (A)	350	12	12	03	2	5	Sc	11.3	23	13	53
	330	DAMIETTA	40	2	20	00	0	0	—	10.0	24	13	50
	333	PORT SA'ÎD (A)	10	13	20	02	0	1	cu	9.9	23	17	69
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	2	10	01	1	3	cu	10.2	25	15	54
	342	MANṢÛRA	360	5		03	1	5	cu	9.0	29	14	40
	348	ṬANṬA	240	6	20	01	1	4	cu	10.2	28	13	40
	360	SHEBÎN EL KÔM	20	5	20	01	1	1	cu	9.6	27	9	33
	354	ZAGAZIG	270	1	20	01	0	2	AS	8.9	29	14	40
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	290	12	20	03	0	2	cu, ci	9.1	28	12	37
	372	CAIRO ALMÂZA (A)	270	14	25	03	0	2	cu, ci	9.1	29	11	33
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	10	10	03	0	2	cu, ci	9.6	28	12	37
	378	ḤELWÂN	270	8	50	02	0	1	cu, ci	9.0	28	7	27
Upper Egypt	381	FAYOÛM	360	6	20	03	0	1	cu, Sc	9.0	30	12	33
	387	MINYA (A)	320	6	10	02	0	0	—	8.4	33	4	16
	393	AṢYOÛṬ (A)	300	6	16	03	0	1	ci	8.5	33	5	17
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	AC	8.8	34	9	22
	402	QENA	290	6	20	00	0	0	—	8.0	36	7	17
	405	LUXOR (A)	320	10	22	02	0	0	—	7.4	36	4	13
	414	ASWÂN	350	12	15	02	0	0	—	7.5	36	5	14
Oases	417	SÎWA	320	12	16	03	0	3	ci	12.0	28	8	29
	420	BAḤARÎYA	320	11	20	02	0	0	—	10.7	29	10	31
	423	FARAFRA	320	7	20	03	0	2	ci	10.8	32	4	17
	432	DAKHLA	290	10	20	03	0	1	ci	10.3	34	12	27
	435	KHARGA	350	8	10	02	0	0	—	7.1	35	7	18
Red Sea	450	SUEZ	180	3	50	02	0	0	—	9.1	30	17	46
	459	TÔR											
	462	HURGHÂDA	100	4	22	02	0	0	—	7.6	29	16	46
	465	QUSEIR	350	7	20	02	0	0	—	8.5	28	19	58
	641	PORT SÛDÂN	30	12	20	02	2	5	cb, ci	6.2	31	24	66
North Sudan	600	WÂDI ḤALFA	20	13	20	03	0	0	—	5.5	37	0	10
	640	ABU ḤAMAD	90	2	15	05	2	8	cu, cs	1.6	39	13	21
	660	KAREIMA	350	4	21	02	2	7	AC, CC	1.7	41	10	16
	680	'AṬBARA	270	4	20	02	1	4	cb, AS	0.8	40	13	20
	721	KHARṬOÛM	120	8	8	05	2	7	cu, cs			18	
	730	KASSALA	180	2	22	01	1	3	cu	99.4	40	12	19
Central Sudan	751	WÂD MEDANI	170	10	10	07	2	8	cs	0.8	39	13	21
	801	RENK	220	5	20	02	0	3	AC	4.6	38	18	31
	802	ROSEIRES	230	5	20	02	1	1	cu	1.4	37	15	27
	771	EL OBEID	350	8	15	05	1	4	AC, ci	0.5	38	9	17
	760	EL FASHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	190	7	20	02	2	7	cu, cs	5.6	33	18	41
	880	WÂU											
	941	JUBA	90	3	24	02	2	6	cu, AC	4.3	33	19	44

At 1800 on 13th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	360	12	10	02	0	2	Sc	12.9	18	15	22	-5	83	0
303	SÎDI BARRÂNI	330	15	14	03	1	6	Sc, ci	12.1	17	15	21		88	0
306	MATRÛH (A)	300	4	12	01	2	2	ci	12.4	17	16	23		94	0
309	EL DAB'AA	270	8	20	00	0	6	AC	11.7	18	13	22		73	0
319	ALEXANDRIA	360	11	20	03	1	6	cu, cs	11.0	19	16	23	-3	83	0
318	ALEXANDRIA (A)	350	10	12	02	2	5	Sc	11.0	19	13	23	-3	68	0
330	DAMIETTA	340	2		02	0	0	—	10.4	20	13	25	-1	64	0
333	PORT SA'ÎD (A)	10	11	18	02	0	0	—	10.3	20	16	25	0	78	0
336	EL 'ARISH														
339	DAMANHÛR														
342	MANṢÛRA	320	5		00	0	0	—	10.6	21	14	31	0	65	0
348	ṬANṬA	310	9	20	01	1	3	ci	11.0	20	12	30	-2	60	0
360	SHEBÎN EL KÔM	340	2	10	01	1	1	Sc	10.4	21	14	28		65	0
354	ZAGAZIG														
441	ISMA'ILÎA														
366	CAIRO (A)	350	12	12	03	0	6	Sc	10.1	23	16	29		65	0
372	CAIRO ALMÂZA (A)	340	12	12	03	1	4	Sc	9.5	23	13	30	-3	53	0
374	CAIRO EZBEKÎYA											30	-2		
375	GIZA	90	6	8	01	0	2	ci	10.0	22	14	29	-3	61	0
378	ḤELWÂN	320	12	10	02	2	4	ci	9.5	23	13	28	-4	53	0
381	FAYOÛM	360	4	20	01	0	0	—	9.8	23	13	31	-3	53	0
387	MINYA (A)	320	5	8	01	0	0	—	8.6	25	6	34	-1	30	0
393	AṢYOÛṬ (A)	00	0	12	03	0	3	cc	8.6	27	8	34	-3	30	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	8.7	27	11	35	-1	37	0
402	QENA	00	0		00	0	0	—	7.2	28	10	37	-1	33	0
405	LUXOR (A)	300	3	10	02	0	0	—	6.9	31	5	37		19	0
414	ASWÂN	360	8	12	02	0	0	—	5.7	32	2	38	-1	15	0
417	SÎWA	350	5	16	02	1	1	ci	10.3	25	7	29	-5	32	0
420	BAḤARÎYA	320	4	20	02	0	1	ci	9.7	26	14	31	-3	37	0
423	FARAFRA	320	5	15	02	0	0	—	11.0	26	4	32		25	0
432	DAKHLA	340	11	12	02	0	0	—	9.8	29	8	35	-2	27	0
435	KHARGA	340	8	9	02	0	0	—	6.8	30	3	35	-3	18	0
450	SUEZ	310	7	10	03	0	2	cu	10.4	26	16	33	+1	55	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	350	8	20	03	0	2	ci	7.2	27	16	30	-1	52	0
641	PORT SÛDÂN	00	0	20	01	1	2	AC	6.1	28	25	32		84	0
600	WÂDI ḤALFA	300	11	20	01	0	0	—	6.0	32	-1	39		12	0
640	ABU ḤAMAD	20	5	20	02	2	4	AC, ci	1.9	37	12	41		22	0
660	KAREIMA	10	5	21	01	2	5	cs	2.3	35	8	41		19	0
680	'AṬBARA											41			0
721	KHARṬOÛM			21	03	1		cb, AC, ci	0.7	37	15	41		27	0
730	KASSALA	360	10	10	17	9	8	cb, AC, AS	3.7	31	15	41		38	dr
751	WÂD MEDANI	230	5	10	05	2	5	cs	1.5	35	13	41		27	0
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	00	0	10	06	1	0	—	0.6	33	15	39		34	0
760	EL FASHER	00	0	4	05	2	7	AC, CS	1.9	33	10	38		24	0
770	GENEINA														
840	MALAKÂL	190	2	20	11	2	7	cb, cs	5.1	30	21	34		59	0
880	WÂU	00	0	20	01	2	5	AC, ci	4.4	29	23	33		70	0
941	JUBA	40	2	24	13	2	7	cb, AC, CS	5.7	28	21	35		66	0

At 0600 on TUESDAY 14th MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	00	0	10	01	2	4	Sc	12.2	-0.8	19	15	15	-2	78	0	258	
303	SÎDI BARRÂNI	330	11	14	00	0	7	Sc	12.1		19	14	16		73	0	254	
306	MATRÛH (A)	340	11	10	02	0	3	Sc	12.6	-1.4	19	13	15		68	0	265	
309	EL DAB'AA	00	0	10	00	0	0	—	12.1		19	14	12		73	0	203	
319	ALEXANDRIA	360	5	20	01	1	3	Sc	12.4	-1.6	21	14	17	-1	65	0	283	185
318	ALEXANDRIA (A)	360	3	12	01	2	6	Sc	12.4	-1.2	20	12	17	+1	60	0	255	138
330	DAMIETTA	40	2		03	1	4	cu	12.2	-1.3	22	15	15	-2	65	0	238	104
333	PORT SA'ÎD (A)	20	1	10	02	0	2	Sc	12.2	-1.1	22	16	18	-2	69	0		
336	EL 'ARISH																	
339	DAMANHÛR	40	2		01	1	4	cu	12.3	-1.5	20	15	14	-1	73	0	140	100
342	MANṢÛRA	40	3		01	0	2	cu	12.6	-1.0	21	14	15	-1	65	0	73	53
348	ṬANṬA	00	0	20	02	0	0	—	12.2	-1.8	18	14	13	-2	78	0	79	42
360	SHEBÎN EL KÔM	340	2	10	01	1	1	cu	12.3	-1.6	20	13	14		64	0	58	
354	ZAGAZIG																53	26
441	ISMA'ILÎA																	
366	CAIRO (A)	20	6	12	01	2	5	Sc	12.1		21	16	16		74	0	58	
372	CAIRO ALMÂZA (A)	10	6	15	01	2	5	Sc, ci	12.2	-1.1	20	15	16	-2	73	0	60	
374	CAIRO EZBEKÎYA										20	16	17	0	78	0	43	35
375	GIZA	120	4	4	01		4	cb	12.6	-0.7	19	15	17	+3	78	0	58	35
378	ḤELWÂN	360	3	10	02	1	4	cu	13.0	0.0	20	13	16	-1	64	0	36	28
381	FAYOÛM	20	6	20	03	1	5	cu, Sc	12.2	-0.8	21	12	16	-1	57	0	16	8
387	MINYA (A)	360	6	18	02	0	0	—	11.2	-2.0	20	14	16	-1	69	0	2	
393	AṢYOÛṬ (A)	290	2	16	02	0	0	—	11.8	-0.4	21	12	18	-2	57	0	dr	
399	NAG' ḤAMÂDI	00	0		03	0	6	AS	10.8	-0.3	24	12	17	-1	47	0	1	
402	QENA	270	2	10	00	0	2	ci	9.9	-0.8	27	9	19	-1	33	0	dr	
405	LUXOR (A)	170	1	22	03	0	4	cs	9.8	-0.9	22	8	19		41	0	0	
414	ASWÂN	90	6	14	01	2	2	ci	10.3	-0.4	29	5	22	-1	22	0	8	
417	SÎWA	00	0	16	02	0	0	—	12.2	-1.2	20	4	15	-1	35	0	24	8
420	BAḤARÎYA	40	5	7	02	0	0	—	12.9	-0.5	17	14			83	0	2	7
423	FARAFRA	10	4	15	03	0	1	ci	13.8		21	9	15		47	0	dr	
432	DAKHLA	00	0	20	03	0	4	ci	12.7	+0.4	24	9	19	0	38	0	1	
435	KHARGA	360	4	8	01	2	4	ci	11.0	-0.3	24	9	19	2	38	0	3	
450	SUEZ	360	5	20	00	0	3	cu	13.5	+0.8	20	17	15	-3	83	0	42	17
459	TÔR																	12
462	HURGHÂDA	190	5	12	03	0	4	CS	9.3	-1.2	26	10	20	0	37	0	dr	
465	QUSEIR	340	12	20	03	0	3	ci	9.2	-1.5	27	16	22	1	52	0	dr	4
641	PORT SÛDÂN	180	1	20	03	2	6	Sc, AC	9.1		30	24	22		70	0		
600	WÂDI ḤALFA	20	8	20	02	1	3	ci	9.8		27	5	20		25	0		
640	ABU ḤAMAD	50	13	20	07	0	3	AC	5.0		33	6	29		19	0		
660	KAREIMA	90	14	30	07	1	5	AC, CS			31	6	28		21	0		
680	'AṬBARA	170	15	10	07	2	7	CS	4.9		33	15	29		34	0		
721	KHARṬOÛM	140	25	3.8	07	3	7	cs	5.2		33	18	29		41	0		
730	KASSALA	230	2	20	01	2	6	AC	6.8		30	18	24		49	4		
751	WÂD MEDANI	90	3	20	02	9	7	AC, CS	8.8		27	19	26		62	1		
801	RENK	180	5	20	02	0	0	—	8.1		29	20	24		59	0		
802	ROSEIRES	130	5	20	02	3	1	AC	7.5		30	18	25		49	0		
771	EL OBEID																	
760	EL FASHER																	
770	GENEINA																	
840	MALAKÂL	190	6	20	03	1	5	AC, CS	7.3		30	21	24		59	0		
880	WÂU																	
941	JUBA	180	6	24	02	2	6	cu, AC	8.0		27	21	23		70	0		

SHIP REPORTS in Code:

33176 40106 12902 98021 10627 14500 77214 00127 11620

33341 29506 59312 99021 11118 55600 65205 05158

33324 30006 32309 98020 11919 30780 66205 05013 13331

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Matruh		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	23	80	8	290	12	350	9	10	21	360	17	310	8	110	11	40	8	20	23	30	16
600 m.	20	20	350	9	300	11	320	10	350	20	350	20	300	7	340	7	40	5	10	22	10	16
1000 m.	20	11	330	9	300	11	290	13	350	12	350	24	290	6	310	9	320	7	360	20	360	5
1500 m.	310	8	260	15	310	15	280	10	280	11	340	23	300	6	310	24	270	19	330	17	220	8
2100 m.					310	9	270	14	270	13			290	5	300	31	270	14	340	30	270	19
2400 m.							280	17	260	16			290	7	300	30			330	34	290	28
3000 m.							260	21	260	9			280	15	300	17					290	35
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	14-5		14-5		14-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	10	40	18	340	17	170	9	50	3	50	12	60	13	220	5	350	5	10	6	270	3
600 m.	30	11	10	16	330	14	70	4	360	3	20	15	30	11	210	10	250	9	360	14	240	3
1000 m.	340	10	350	17	340	31	320	4	310	4	360	13	40	8	220	10	280	8	360	16	190	4
1500 m.	300	12	340	20	360	17	240	9	310	12	10	27	280	4	210	10	280	17			210	11
2100 m.	320	19	330	26	360	3			320	9			250	10			290	21			180	11
2400 m.	310	16	320	21	360	2			300	7			210	10			290	23				
3000 m.					320	8			230	13												
4000 m.									240	27												
5000 m.									220	27												
6000 m.																						

STATION	Cairo (A)		Matruh		Aswan		Asyout		Luxor		Asyout		Luxor		Baharija		Dakhla		Kharga		Hurghada	
DATE	15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	6	120	7	360	17	330	8	340	10	10	12	330	10	110	2	10	14	10	10	340	24
600 m.	40	3	140	3	360	12	20	28	340	17	350	24	320	15	140	2	10	15	360	8	310	19
1000 m.	10	11	210	3	30	10	360	27	350	12	360	24	340	10	60	5	360	25	10	9	290	16
1500 m.	340	22	260	22	340	5	350	21	310	9	10	23	330	11	90	3	200	15	10	21	270	10
2100 m.					340	6	10	32	280	6			340	10	130	5			350	21		
2400 m.					300	3	350	27	250	6			340	13	300	4			350	21		
3000 m.					220	9			270	7			360	15	360	14						
4000 m.															300	26						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION											Aswan									
DATE											15-5									
TIME											1200									
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface											111	35		320	12					
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.											1448	24		310	9					
800 mb.																				
700 mb.											3200	11		230	8					
600 mb.																				
500 mb.											5896	-9		240	32					
400 mb.											7583	-21		260	32					
300 mb.											9658	-34								
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 15th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather all over the Republic. Light variable winds chiefly NE'ly in Lower Egypt & Cairo, N'ly in Upper Egypt. Low clouds increasing over N. coast with chance for light rain in the west. In Delta & Cairo: Low clouds increasing in the morning, gradually decreasing during day. In Upper Egypt: High & medium clouds increasing in the south.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 02 U.T. / Sunset 16 42 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 14th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	10	6	18	02	1	7	Sc	13.6	22	16	69
	303	SÎDI BARRÂNI	360	14	20	02	1	2	cu	13.5	20	15	73
	306	MATRÛH (A)	330	10	18	03	0	0	—	13.8	22	14	61
	309	EL DAB'AA	360	6	20	10	0	0	—	13.6	22	13	57
	319	ALEXANDRIA	360	14	20	01	0	1	Sc	14.0	22	13	57
	318	ALEXANDRIA (A)	340	14	12	02	0	0	—	13.5	23	13	53
	330	DAMIETTA	360	5	20	01	1	3	cu	13.7	22	15	65
	333	PORT SA'ÎD (A)	360	11	20	02	0	1	Sc	13.0	23	16	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	5	10	01	1	3	cu	13.6	27	13	42
	342	MANSÛRA	340	3		03	1	5	cu	12.2	28	10	33
	348	ȚANȚA	360	5	20	01	1	4	cu	13.1	27	12	40
	360	SHEBÎN EL KÔM	290	2	20	01	1	1	cu	12.2	27	6	27
	354	ZAGAZIG	270	1	20	03	1	3	AC	11.6	28	15	45
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	350	6	14	01	1	2	cu	11.3	27	7	28
	372	CAIRO ALMÂZA (A)	40	5	20	02	0	2	cu	11.4	28	11	35
	374	CAIRO EZBEKÎYA											
	375	GIZA	80	7	10	01	0	0	—	12.0	28	16	49
	378	HELWÂN	340	7	10	01	1	1	cu	11.8	27	9	33
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	11.8	28	11	35
	387	MINYA (A)	360	5	10	02	0	0	—	11.3	30	9	27
	393	ASYOÛT (A)	290	10	22	01	0	1	ci	10.9	30	6	22
	399	NAG' HAMÂDI	290	2	10	01	0	2	AC	9.9	32	11	28
	402	QENA	290	4	20	00	0	2	ci	9.1	35	3	13
	405	LUXOR (A)	290	6	22	02	0	1	ci	8.4	35	3	13
	414	ASWÂN	320	10	16	01	2	1	ci	7.2	37	4	13
Oases	417	SÎWA	180	8	16	02	0	0	—	13.1	30	8	25
	420	BAHARÎYA	320	3	20	02	0	0	—	12.5	28	10	33
	423	FARAFRA	40	5	20	00	0	0	—	13.1	29	4	20
	432	DAKHLA	340	9	12	03	1	5	ci	12.2	31	10	28
	435	KHARGA	00	0	10	03	0	3	ci	9.1	33	10	24
Red Sea	450	SUEZ	360	4	50	01	0	1	cu	11.9	28	15	45
	459	TÔR											
	462	HURGHÂDA	10	10	22	02	0	1	ci	8.5	28	19	58
	465	QUSEIR	360	10	20	03	1	5	cs	9.3	27	19	62
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA	360	10	20	02	0	1	ci			2	
	640	ABU HAMAD	180	2	10	05	2	8	cu,CS	1.5	41	15	22
	660	KAREIMA	20	2	20	13	0	4	AC	3.3	41	12	18
	680	'ATBARA	200	12	10	07	2	6	cu,AC,AS	1.8	40	13	20
	721	KHARTOÛM	270	4	13	05	2	7	cu,CS	1.8	40	20	32
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	180	8	16	05	2	7	cu,AC	2.7	38	16	27
	801	RENK	230	5	20	02	0	5	cu	3.9	38	19	33
	802	ROSEIRES	310	5	20	02	0	2	cu	0.9	38	19	33
	771	EL OBEID	50	5	20	02	2	8	CS	1.3	39	6	13
	760	EL FASHER	90	3	20	02	2	7	cs	3.5	37	1	11
	770	GENEINA	250	2	20	05	2	7	cu,AS,CS	5.1	34	13	29
S. Sûdân	840	MALAKÂL	130	1	20	03	2	6	cb,ab	3.7	36	18	35
	880	WÂU	250	3	20	01	2	5	cu,ci	4.2	35	21	44
	941	JUBA	40	3	24	03	2	6	ab	3.3	35	19	29
		SHIP REPORTS in Code.	33325		295	12	328	06	9703	0	29122	21	501
			33332		283	12	326	09	9802	0	01020	38	590

At 1800 on 14th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	40	3	12	20	5	7	Sc,AS	13.4	19	16	23	-4	83	dr
303	SÎDI BARRÂNI	70	8	16	02	2	6	AC,AS	13.0	18	14	21		78	0
306	MATRÛH (A)	80	6	12	01	0	2	Sc,cu	13.6	18	14	23		78	0
309	EL DAB'AA	20	1	20	00	0	0	—	13.6	18	15	23		83	0
319	ALEXANDRIA	40	10	20	01	0	0	—	14.3	19	14	23	-3	73	0
318	ALEXANDRIA (A)	40	4	12	02	0	0	—	13.8	18	13	23	-3	73	0
330	DAMIETTA	340	2		00	0	0	—	13.6	20	15	23	-3	73	0
333	PORT SA'ÎD (A)	10	13	18	01	0	0	—	13.6	19	16	25	0	83	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	13.9	18	13	27	-3	73	0
342	MANSÛRA	20	3		00	0	0	—	14.0	20	13	29	-2	64	0
348	ȚANȚA	360	7	20	02	0	0	—	13.6	21	13	29	-3	61	0
360	SHEBÎN EL KÔM	290	5	10	01	1	1	Sc	13.4	22	13	28		57	0
354	ZAGAZIG	00	0	10	02	0	0	—	12.2	21	16	28	-4	74	0
441	ISMA'ILÎA														
366	CAIRO (A)	30	16	12	03	0	3	Sc	12.4	22	13	28		57	0
372	CAIRO ALMÂZA (A)	20	18	12	03	0	6	Sc	12.8	22	14	29	-4	61	0
374	CAIRO EZBEKÎYA											30	-2		
375	GIZA	90	13	10	01	0	1	cu	12.6	22	20	29	-3	89	0
378	HELWÂN	360	16	10	02	1	1	cu	12.4	23	15	28	-4	61	0
381	FAYOÛM	360	6	20	02	0	0	—	12.0	24	11	30	-4	44	0
387	MINYA (A)	00	0	8	02	0	0	—	11.6	21	9	30	-5	47	0
393	ASYOÛT (A)	330	4	10	02	0	2	ci	11.2	26	6	31	-6	28	0
399	NAG' HAMÂDI	00	0		01	0	2	AC	12.4	24	14	33	-4	54	0
402	QENA	270	2		00	0	0	—	8.6	29	12	36	-2	35	0
405	LUXOR (A)	330	7	12	02	0	0	—	8.8	30	5	36		21	0
414	ASWÂN	360	8	12	03	2	7	AC,CS	7.8	32	-2	39	0	11	0
417	SÎWA	350	2	14	02	0	2	Sc	12.6	27	10	32	-2	35	0
420	BAHARÎYA	330	4	20	02	0	0	—	12.1	26	10	30	-4	37	0
423	FARAFRA	10	3	12	00	0	0	—	13.2	25	2	31		22	0
432	DAKHLA	350	8	14	02	2	5	cs	12.2	28	2	32	-6	19	0
435	KHARGA	360	2	7	01	2	4	ci	9.4	28	5	34	-4	23	0
450	SUEZ	360	7	10	02	0	1	cu	12.7	24	18	30	-2	69	0
459	TÔR														
462	HURGHÂDA	00	0	20	02	0	1	ci	8.0	29	17			49	0
465	QUSEIR	360	3	20	01	0	1	ci	8.9	26	12	29	-2	42	0
641	PORT SÛDÂN	330	4	20	13	2	7	Sc,AC,AS	10.0	29	26	34		84	0
600	WÂDI HALFA	360	12	20	01	0	2	ci	4.5	34	15	34		32	0
640	ABU HAMAD	60	5	20	01	2	2	ci	4.5	34	15	43		32	0
660	KAREIMA	50	4	21	01	1	0	—	3.8	36	8	41		18	0
680	'ATBARA	150	14	10	13	2	7	cb,AC	2.9	35	12	41		25	0
721	KHARTOÛM	10	4	13	05	2	5	ac	2.2	36	[illegible]	41		[illegible]	0
730	KASSALA														
751	WÂD MEDANI	00	0	20	13	2	7	cb,cs	2.2	33	17	40		38	0
801	RENK														
802	ROSEIRES														
771	EL OBEID	350	5	20	02	1	4	AC,ci	1.2	34	9	40		22	0
760	EL FASHER	80	1	20	02	2	7	cs	3.0	33	8	38		21	0
770	GENEINA	270	3	20	29	9	7	AS	4.2	31	11	36		29	dr
840	MALAKÂL	330	7	16	95	9	8	cb,AC,ci	8.2	23	21	27		89	6
880	WÂU	00	0	20	13	9	7	cb,AC,ci	5.6	27	23	35		79	0
941	JUBA	20	5	24	13	6	7	cb,AC,AS	6.5	26	20	37		70	dr

At 0600 on WEDNESDAY 15th MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM	00	0	18	01	2	5	Sc	14.2	+1.2	19	16	16	-1	83	dr	258	
303	SÎDI BARRÂNI	330	5	16	00	0	5	Sc	14.1		19	14	15		73	0	254	
306	MATRÛH (A)	00	0	18	01	1	4	Sc,cu	14.3	+0.3	21	14	12		65	0	265	
309	EL DAB'AA	00	0	10	00	0	5	ci	13.9		21	14	14		65	0	203	
319	ALEXANDRIA	130	2	20	02	0	0	—	14.1	+0.1	20		16	-2		0	283	185
318	ALEXANDRIA (A)	160	5	16	02	0	0	—	14.7	+1.2	21	14	15	-2	65	0	255	138
330	DAMIETTA	90	2	10	00	0	0	—	13.8	+0.4	21	15	14	-3	69	0	238	104
333	PORT SA'ÎD (A)	90	3	15	03	0	2	cu	14.5	+1.3	22	15	18	-2	65	0		
336	EL 'ARISH																	
339	DAMANHÛR	230	2	10	02	0	0	—	14.6	+0.8	21	16	14	-1	74	0	140	100
342	MANSÛRA	270	3		00	0	0	—	14.7	+1.2	21	16	15	-1	74	0	73	53
348	ȚANȚA																79	42
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	14.7	+0.9	20	13	15		64	0	58	
354	ZAGAZIG	40	1	10	02	0	0	—	14.3	+0.5	20	17	15	0	83	0	53	27
441	ISMA'ILÎA																	
366	CAIRO (A)	60	5	20	02	0	0	—	14.3		24	10	17		41	0	55	
372	CAIRO ALMÂZA (A)	360	1	12	02	0	0	—	13.9	+0.7	23	10	17	-1	44	0	60	
374	CAIRO EZBEKÎYA										21	13	17	0	61	0	43	25
375	GIZA	00	0	10	01	—	0	—	14.2	+1.0	22	17	13	-1	74	0	58	25
378	HELWÂN	00	0	10	02	0	0	—	14.3	+1.3	21	10	16	-1	50	0	36	28
381	FAYOÛM	00	0	20	02	0	0	—	14.8	+1.8	25	14	16	-1	51	0	16	8
387	MINYA (A)	360	1	8	02	0	0	—	13.8	+0.7	22	13	15	-2	57	0	2	
393	ASYOÛT (A)	280	3	14	02	2	2	ci	14.1	+2.0	24	11	18	-2	44	0	dr	
399	NAG' HAMÂDI	00	0		01	0	2	AC	13.6	+2.5	22	11	16	-3	50	0	1	
402	QENA	00	0	10	02	2	8	cs	12.8	+2.1	24		21	+1			dr	
405	LUXOR (A)	00	0	22	01	2	4	cs	12.0	+1.4	29	10	22		31	0	0	
414	ASWÂN	360	12	14	01	2	3	ci	11.9	+1.2	28	3	22	-1	20	0	8	
417	SÎWA	100	7	16	01	1	2	Sc	12.8	-1.6	23	11	18	+2	47	0	24	8
420	BAHARÎYA	50	2	20	02	0	0	—	14.3	+0.9	21	14	16	-1	65	0	2	7
423	FARAFRA	120	2	15	03	0	1	ci	15.5		23	5	14		32	0	dr	
432	DAKHLA	00	0	22	03	2	7	cc	14.8	+2.6	23	6	20	+1	34	0	1	
435	KHARGA	20	10	6	02	2	6	AC	12.8	+1.6	24	8	22	+1	36	0	3	
450	SUEZ	310	3	20	00	0	1	cu	16.6	+4.0	20	17	15	-3	83	0	42	17
459	TÔR																	13
462	HURGHÂDA																dr	
465	QUSEIR	340	14	20	03	1	8	AC	11.3	+0.6	25	15	22	-1	54	0	dr	4
641	PORT SÛDÂN	20	7	20	01	2	6	Sc,AC	7.2			26	27			dr		
600	WÂDI HALFA	50	12	20	02	1	4	ci	10.8		29	5	23		22	0		
640	ABU HAMAD	360	13	22	02	0	1	AC	7.9		31	-2	26		11	0		
660	KAREIMA																	
680	'ATBARA	360	7	20	01	2	1	AC	6.4		31	17	27		43	0		
721	KHARTOÛM	270	7	16	05	2	4	AC	5.9		33	9	27		23	dr		
730	KASSALA																	
751	WÂD MEDANI	130	4	20	01	2	5	AC,ci	6.9		34	15			32	0		
801	RENK																	
802	ROSEIRES	310	5	20	02	6	6	AS	8.8		27	21	25		70	dr		
771	EL OBEID	80	3	15	06	1	5	AC,ci	6.6		31	14	26		36	0		
760	EL FASHER	300	8	20	02	2	7	AC,CS	7.3		30	-1	23		13	0		
770	GENEINA	40	1	30	01	2	7	AC,AS	9.5		26	16	24		55	dr		
840	MALAKÂL	00	0	20	02	6	7	AC,AS	9.7		25	22	23		84	7		
880	WÂU	240	1	20	01	2	6	AC,CS				22	25			[illegible]		
941	JUBA	250	2	24	02	2	7	AC,CS	8.9		27	21	23		70	dr		
	SHIP REPORTS in Code.	4 3323		272	06	624	09	98031	13918		625	00	26215		0011	5	12420	
		4 3350		230	06	024	09	98010	13618		009	00	76218		0001	7	13421	
		4 3243		362	06	432	10	98021	11827		309	08	77285		0042	1	13332	

* 9 = Sky obscured by fog etc.

(A) AERODROME

SEP 16

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		P. Said		Minya		Siwa	
DATE	15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5		15-5	
TIME	1700		1700		1700		1700		1700		1700		1700		1700		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	11	340	15	360	17	340	23	40	17	20	16	20	17	310	9	80	10	80	11	130	21
600 m.	320	13	360	12	10	17	330	22	10	12	310	4	20	18	320	6	10	8	80	11	110	21
1000 m.	320	17	350	11	10	20	340	20	340	10	290	13	20	17	320	5	310	8	80	7	30	8
1500 m.	240	11	330	10	10	20	340	23	250	15	270	18	330	14	240	7	270	14	40	2	200	11
2100 m.	260	17	290	25	350	17	330	17	210	6	270	35			260	18	270	27	320	14	260	27
2400 m.	260	15	310	23	340	19	360	8	230	9					280	18	270	30	290	20	240	23
3000 m.			290	24	320	15	340	15							260	24	260	32			230	28
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Asyout		Luxor		Aswan		Alex. (A)		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	15-5		15-5		15-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	12	110	4	340	12	50	9	30	3	150	7	70	10	350	10	360	15	360	7	60	4
600 m.	20	10	60	16	350	27	10	18	50	6	160	12	50	17	300	7	220	4	200	13	10	4
1000 m.	20	7	50	9	360	24	10	19	320	6	180	9	80	14	260	20	220	4	220	13	10	15
1500 m.			350	8	360	29	360	17	340	5			220	5	240	18	180	14	230	17	260	18
2100 m.			320	13	350	36							240	20	260	30	240	17	230	20	260	18
2400 m.			320	15	330	26							210	23	260	31	250	27	240	29	250	24
3000 m.			320	31									220	24	240	45	260	30	240	17	260	27
4000 m.																					260	23
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Asyout		Luxor		Matruh		Asyout		Luxor		Bahariya		Dakhla		Kharga		Hurghada	
DATE	16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	50	16	330	19	130	9	20	11	350	9	260	14	360	8	260	3	200	6	100	4	20	8
600 m.	300	17	320	12	140	13	20	15	350	10	260	6	350	8	160	2	210	51	150	6	340	9
1000 m.	30	17	220	9	140	5	40	12	330	4	260	13	330	4	180	6	230	53	160	3	340	9
1500 m.	290	15			150	4	40	16			250	21	360	7	190	12			150	4	350	16
2100 m.	290	15					40	18					300	7	220	15						
2400 m.	300	17					50	19					280	8	220	21						
3000 m.	300	17													240	35						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 16th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather in Lower and Middle Egypt, hot weather in Upper Egypt. Low clouds in L. Egypt during day, increasing at times near the coast in the west where light rain is probable. Moderate winds; NE ½ y in the Nile Valley, NW ½ y in the western desert.

SYNOPTIC SURFACE OBSERVATIONS

Sunrise 03 01 U.T.
Sunset 16 42 U.T.

All Times are Universal Times (Two hours slower than local time)

15 th — At 1800 on 15 th — At 0600 on THURSDAY 16 th MAY

Index No.	Station	[illegible]	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity	1800 Wind Direction Deg.	Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Diff. from normal	Relative Humidity	Rain past 12 hrs mms
62300	SALLOÛM	18	01	2	6	Sc, AC	14.9	21	16	74	360	7	10	03	1	5	Cb	14.2	18	16	22	-5	88	0
303	SÎDI BARRÂNI	20	01	2	4	Sc, Cu, AC	14.9	20	15	73	360	15	16	03	0	3	Sc	13.8	18	14	22		78	0
306	MATRÛH (A)	16	01	2	7	Sc, Cu, Ci	14.6	22	16	69	360	7	15	02	2	6	Sc	14.4	18	14	24		78	0
309	EL DABAA	18	03	0	0	—	14.6	22	15	65														
319	ALEXANDRIA	20	03	0	1	Cu	14.3	22	13	57	40	12	20	03	0	2	Cu	14.3	19	17	25	-1	88	0
318	ALEXANDRIA (A)	16	03	0	1	Cu	14.0	25	13	48	40	9	12	03	0	2	Sc	13.8	20	14	28	+2	69	0
330	DAMIETTA	20	02	0	0	—	14.4	24	17	65	20	5		02	0	0	—	14.4	20	16	25	-1	78	0
333	PORT SAʿÎD (A)	24	02	0	1	Cu	14.2	23	17	69	30	10	18	02	0	0	—	14.1	20	17	25	-1	83	0
336	EL ʿARÎSH																							
339	DAMANHÛR	20	01	0	1	Cu	13.9	28	13	40	40	5	10	02	0	1	Cu	13.8	20	17	31	+1	83	0
342	MANSÛRA		01	0	3	Cu	13.1	30	12	33	360	9		00	0	0	—	13.6	21	14	31	0	65	0
343	ṬANṬA	20	01	1	1	Cu	13.7	30	12	33	310	10	20	02	0	0	—	13.7	22	15	31	-1	65	0
350	SHEBÎN EL KÔM	20	00	0	0	—	13.6	29	6	23	340	5	10	01	1	1	Sc	13.4	23	15	31		61	0
354	ZAGAZIG	10	02	0	0	—	11.9	30	17	46	220	1	10	02	0	0	—	11.9	23	18	31	-1	74	0
441	ISMAʿILÎA																							
366	CAIRO (A)	16	03	0	1	Cu	12.7	30	9	27	20	16	12	02	0	1	Cu	12.2	25	15	31		54	0
372	CAIRO ALMÂZA (A)	25	02	0	1	Cu	12.6	31	12	31	20	18	15	01	0	0	—	12.1	26	12	31	-2	42	0
374	CAIRO EZBEKÎYA																				32	0		
375	GIZA	10	03	0	1	Cu	12.0	30	12	33	90	13	10	01	0	0	—	12.4	25	15	32	0	34	0
378	ḤELWÂN	10	02	2	0	—	12.7	29	5	22	00	0	10	02	0	2	AC	12.2	27	6	30	-2	27	0
381	FAYOÛM	20	02	0	0	—	12.8	31	10	28	360	4	20	02	0	0	—	11.2	26	11	32	-2	40	0
387	MINYA (A)	16	02	0	0	—	11.6	32	8	22	00	0	8	02	0	0	—	10.9	25	10	33	-2	39	0
393	AṢYOÛT (A)	22	02	0	1	Ci	11.3	33	5	17	360	5	12	02	0	0	—	11.6	25	7	35	-2	32	0
399	NAGʿ ḤAMÂDI		01	0	2	AC	9.5	34	6	18	00	0		00	0	0	—	11.6	27	13	36	-1	42	0
402	QENA	20	02	1	4	Ci	10.6	35			320	2		00	0	0	—	10.0	31		38	0		0
405	LUXOR (A)	20	02	2	6	Cs	9.8	34	3	14	330	5	12	01	1	1	Ci	9.3	31	2	36		16	0
414	ASWÂN	10	03	2	3	Ci	8.5	35	2	12	360	6	12	01	2	4	Cs	8.5	31	0	37	-2	13	0
417	SÎWA	16	02	1	4	Sc	12.9	32	8	22	350	8	15	02	1	3	AC	10.9	28	7	33	-1	27	0
420	BAḤARÎYA	20	03	8	1	AC	12.8	32	13	32	340	1	10	02	0	1	AC, AS	11.0	29	14	34	0	40	0
423	FARAFRA	20	02	0	0	—	12.3	34	6	18	60	2	12	02	0	0	—	11.7	28	3	35		20	0
432	DAKHLA	22	01	1	2	Ci	12.4	34	2	13	40	3	9	02	0	0	—	12.4	30	4	35	-3	19	0
435	KHARGA	10	01	1	6	Cs	9.8	33	6	19	360	1	10	02	0	0	—	9.0	30	6	36	-2	22	0
450	SUEZ	30	01	0	0	—	14.3	28	10	33	360	4	10	03	0	1	Cu	13.0	27	13	31	-1	42	0
459	TÔR																							
462	HURGHÂDA	20	02	0	3	AC, Ci	11.4	27	15	48	300	20	12	02	0	1	AS	8.6	27	14	31	+2	45	0
465	QUSEIR	20	01	1	6	Cs	10.7	23	17	52	340	5	20	01	1	2	Ci	10.5	25	19	28	-3	70	0
641	PORT SÛDÂN	20	01	0	0	—	7.5	32	27	74	340	4	20	01	1	2	Sc, AC	8.3	29	25	34		79	0
600	WÂDI HALFA	20	03	0	4	AC	7.9	37			260	15	20	01	2	5	AC, Cs	8.1	32	2	38		11	0
640	ABU ḤAMAD	22	03	1	5	AC, Cs	4.0	39	8	15	340	5	22	01	2	1	AC	4.9	34	1	40		12	0
660	KAREIMA	21	02	2	7	AC, Cs	3.7	39	9	16	20	4	21	01	1	1	AC, Ci	5.3	33	7	40		20	0
680	ʿAṬBARA																				41			0
721	KHARṬOÛM	16	05	2	6	Cb, AC, Cs	2.6	41	13	19	330	7	18	05	2	6	AC, Ci	1.9	38	14	43		24	0
730	KASSALA	20	03	0	4	Cu	99.9	41	12	18	340	3	20	01	1	1	AC	1.3	34	12	43		27	0
751	WÂD MEDANI										220	12	10	60	6	8	Sc, Cu	5.2	31	19	42		49	dr
801	RENK																				34			
802	ROSEIRES	20	02	2	4	Cb	3.8	35	21	44											35			
771	EL OBEID	20	03	2	7	Cu, Cb	1.3	39	11	18	90	19	20	13	1	6	Cb, AC	4.6	32	18	39		43	0
760	EL FASHER	20	02	2	7	Cs	2.5	38	1	10														
770	GENEINA	50	02	2	7	Cu, AC	6.0	35	9	20											36			0
840	MALAKÂL	20	29	9	7	Sc, AC, Cs	8.4	24	21	84	270	3	20	02	9	7	AC, AS	8.5	23	22	33		94	7
880	WÂU																				34			dr
941	JUBA	24	15	2	5	Cu, AC	4.7	35	19	39	00	0	14	13	2	6	Cb, AC	5.2	29	19	36		55	0

At 0600 on THURSDAY 16 th MAY

Index No.	Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure mb.	Change	Rainfall (a)	Rainfall (b)
62300	SALLOÛM	00	0	18	02				15.6	+2.6	0	258
303	SÎDI BARRÂNI	330	10	15			6	Cu, Sc	14.9		0	254
306	MATRÛH (A)	10	4	18	02		4	Cu	15.1	+1.2	0	268
309	EL DABAA	360	6	10			5	AC	14.7		0	262
319	ALEXANDRIA	40	3	10	03		6	Cu, Sc	15.1	+1.3	0	283
318	ALEXANDRIA (A)	80	1	12	02	2	6	Sc, AC	14.7	+1.5	0	235
330	DAMIETTA	40	2		03	1	5	Cu	14.6	[illegible]	0	238
333	PORT SAʿÎD (A)	60	1	14	01	0	1	Cu	14.2	[illegible]	0	
336	EL ʿARÎSH											
339	DAMANHÛR	40	2	10	03	0	3	AC	14.2	+0.4	0	140
342	MANSÛRA	340	3		00	0	0	—	14.0	[illegible]		73
343	ṬANṬA	360	5	20	01	1	1	Ci	14.6	+0.8		17
350	SHEBÎN EL KÔM	320	2	10	01	1	1	Cu	14.0	+0.2	0	
354	ZAGAZIG	40	1	10	02	0	0	—	12.9		0	58
441	ISMAʿILÎA											
366	CAIRO (A)	40	5	16	02	0	1	Sc	13.7		0	55
372	CAIRO ALMÂZA (A)	340	5	15	01	0	0	—	13.2	+0.2	0	60
374	CAIRO EZBEKÎYA										0	62
375	GIZA	90	5	5	02	—	0	—	12.7	-0.5	0	58
378	ḤELWÂN	340	2	10	02	0	0	—	13.0	0.0	0	26
381	FAYOÛM	360	4	20	02	0	0	—	13.3	+0.2	0	16
387	MINYA (A)	00	0	8	02	0	0	—	12.1	-0.9	0	2
393	AṢYOÛT (A)	00	0	16	02	0	2	Ci	12.2	+0.1	0	25
399	NAGʿ ḤAMÂDI	00	0		10	0	2	AC	12.8	+1.8	0	1
402	QENA	00	0	10	00	0	0	—	12.6	+2.0	0	25
405	LUXOR (A)	340	3	22	02	0	0	—	12.1	+1.5	0	0
414	ASWÂN	350	4	12	01	2	5	Cs	11.9	+1.3	0	8
417	SÎWA	40	8	16	02	1	0	—	14.7	+0.4		24
420	BAḤARÎYA	360	3	10	02	0	0	—	12.6	-0.8		2
423	FARAFRA	00	0	16	03	0	1	Ci	11.7			25
432	DAKHLA	320	1	20	03	0	4	Ci	13.1	+0.9	0	1
435	KHARGA	00	0	8	03	0	5	Cs	10.6	-0.0	0	3
450	SUEZ	330	1	20	00	0	0	—	12.4			42
459	TÔR											
462	HURGHÂDA	50	5	12	00	0	1	Ci	11.8	+1.3		
465	QUSEIR	340	12	20	03	1	5	Cs	12.5	+1.9		
641	PORT SÛDÂN	330	11	20	01	2	6	Sc, AC	9.9		0	
600	WÂDI HALFA	30	7	20	02	2	7	AC, AS, Ci	11.1			
640	ABU ḤAMAD	20	13	20	02	2	6	AC	7.8		0	
660	KAREIMA	70	7	21	02	1	5	AC, Ci	8.3		0	
680	ʿAṬBARA	20	10	20	02	0	1	AC	6.9		0	
721	KHARṬOÛM	190	8	20	02	2	7	AC, Cs	8.0		0	
730	KASSALA	190	6	20	03	0	2	AC, Ci	7.8		0	
751	WÂD MEDANI	180	13	24	02	8	7	Cs	8.6		0	
801	RENK	130	5	20	02	0	5	Sc	11.9		0	
802	ROSEIRES	230	5	20	02	6	7	Cu	10.7		3	
771	EL OBEID	340	8	20	01	2	6	AC, Cs	7.2		0	
760	EL FASHER	00	0	20	02	2	7	AC, Cs	10.1		0	
770	GENEINA	00	0	50	02	2	5	Cs	11.3		0	
840	MALAKÂL	90	3	20	03	2	7	Sc, AC, AS	12.5		7	
880	WÂU	230	6	20	03	2	8	Sc, AS	10.5			
941	JUBA	180	2	24	01	2	7	Cb, AC, Cs	10.7			

RETARDS — DATE — SHIP REPORTS in code:

43258	65212	63315	98031	12216	60778	77510	43336	24818	18208	99020	14218	00900	27715	00015
43224	37612	03610	98020	06519	00706	76000	53320	31018	03507	98020	13319	00900	26709	05116
43326	29012	12906	98011	15219	11500	26204								
43189	39612	00406	97000	01730	00900	77300								
43193	39412	03406	97020	06330	00000	84610								

5 3237	36606	78417	97021	01727	709
5 3322	28606	10003	98021	15319	151

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo (A)		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	8	350	7	40	22	350	17	360	17	270	4	340	9	30	10	10	16	360	17	40	14
600 m.	320	3	350	8	30	15	240	19	330	12	280	11	320	12	10	12	10	14	350	26	40	8
1000 m.	340	11	350	9	30	19	310	10	330	5	260	17	320	12	350	12	20	14	350	23	10	6
1500 m.	310	12	360	11	20	26	260	20	220	17	280	15	320	10	280	23	270	15	340	25	300	7
2100 m.							240	24	240	23	260	21	340	10	240	32	260	16			270	7
2400 m.							260	30	240	26	260	19	330	10	240	20	240	17			270	13
3000 m.									250	36	260	22	270	16	240	23					290	22
4000 m.													270	24								
5000 m.																						
6000 m.																						

STATION	Asyout		Luxor		Farafra		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	16-5		16-5		16-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	5	240	11	20	19	40	6	10	8	350	14	80	6	340	12	350	11	310	23	290	7
600 m.	220	7	130	5	30	23	30	6	20	9	340	15	70	10	360	9	340	10	320	26	330	4
1000 m.	210	3	40	2	10	12	30	5	10	5	350	12	10	11	10	8	340	9	320	25	340	4
1500 m.	250	12	100	4	250	16			260	14	300	4	320	13			320	7	340	23	300	7
2100 m.	260	18	220	4	300	23			210	14	360	26	320	10							290	4
2400 m.	250	28	300	4	270	26					360	21	310	11							280	16
3000 m.	260	24	140	9	280	40							280	17							310	13
4000 m.			330	3									250	21							280	14
5000 m.													260	28								
6000 m.																						

STATION	Aswan		Salloum		S. Barani		Matruh		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga		Hurghada	
DATE	17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5	
TIME	0500		1100		1100		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	9	10	4	350	9	340	7	320	13	250	6	300	7	10	14	360	10	340	6	10	4
600 m.	120	11	330	6	290	9	330	6	340	5	250	16	290	5	10	8	360	23	330	13	60	3
1000 m.	100	8	340	4	300	10	280	4	330	13	250	12	310	11	10	9	340	26	340	11	30	11
1500 m.	190	14	270	14	300	12			270	23	240	15	30	4	330	11	340	34	300	7		
2100 m.	300	8			280	16			250	28			10	4	280	22	340	31	340	6		
2400 m.	280	20							240	35					260	33	330	33				
3000 m.															270	23						
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb.																						
900 mb.																						
850 mb																						
800 mb.																						
700 mb																						
600 mb.																						
500 mb																						
400 mb																						
300 mb																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 17th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather in Lower and Middle Egypt. Some low clouds over the N. coast, increasing at times. Winds chiefly moderate N/NE ly. In extreme Upper Egypt: Hot weather but temperature begins gradual falling from tomorrow. Moderate N ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of sunrise 03 01 U.T. / Sunset 16 43 U.T. }

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 16th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	52300	SALLOUM	20	14	18	03	1	7	Sc, Cu	14.5	21	17	78
	303	SIDI BARRANI	330	17	20	02	2	6	Cu, Sc	14.6	20	15	73
	306	MATRŪH (A)	330	10	16	02	0	4	Cu	14.3	21	14	65
	309	EL DAB'AA	340	10	10	00	0	0	—	14.4	22	11	[illegible]
	319	ALEXANDRIA	360	14	20	01	1	3	Ci	13.6	22	15	65
	318	ALEXANDRIA (A)	340	14	12	03	0	4	Cu, Ci	13.3	22	14	61
	330	DAMIETTA	360	5	20	01	1	2	NS	14.2	23	17	69
	333	PORT SAID (A)	10	15	18	03	1	5	Cu, AC	13.0	23	18	74
	336	EL 'ARISH											
Lower Egypt	335	DAMANHŪR	330	2	10	01	1	4	Ac	13.3	[illegible]	[illegible]	42
	342	MANSŪRA	360	5	4	03	1	5	Cu	12.[illegible]	30	13	[illegible]
	348	TANTA	[illegible]	4	20	03	2	5	Sc, Cu	12.4	29	12	35
	360	SHEBĪN EL KOM	140	2	20	01	1	1	Cu	12.6	30	5	21
	354	ZAGAZIG	40	1	20	02	0	0	—	11.9	31	16	41
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	240	6	18	03	0	2	Cu	10.7	30	10	29
	372	CAIRO ALMAZA (A)	260	8	20	02	0	1	Cu, Sc	10.7	32	12	30
	374	CAIRO EZBEKIYA											
	375	GIZA	[illegible]	[illegible]	10	02	0	1	Cu	10.6	31	[illegible]	[illegible]
	378	HELWĀN	340	2	10	02	1	1	Cu	10.6	31	11	21
Upper Egypt	381	FAYOŪM	360	4	20	02	0	0	—			10	29
	387	MINYA (A)	260	7	10	02	0	1	Cu	8.7	3[illegible]	3	12
	393	ASYOŪT (A)	260	7	20	02	0	2	Cu, AC	9.1	36	5	[illegible]
	399	NAG HAMADI	00	0	10	00	0	0	—	10.4	35	8	19
	402	QENA	360	2	20	00	5	0	—	10.2	36	[illegible]	15
	405	LUXOR (A)	330	7	22	02	0	1	Cu	9.0	37	6	[illegible]
	414	ASWĀN	360	12	15	01	2	2	CS	8.5	38	[illegible]	[illegible]
Oases	417	SĪWA	30	9	16	03	0	3	Sc, Cu, Ci	12.5	24	[illegible]	25
	420	BAHARIYA	270	5	20	02	0	0	—	9.6	34	3	29
	423	FARAFRA	[illegible]	6	6	07	0	1	Cu	8.4	37	2	11
	432	DAKHLA	170	5	20	01	0	4	AC	10.6	38	7	15
	435	KHARGA	00	0	3	01	[illegible]	2	Cu	8.2	37	7	16
Red Sea	450	SUEZ	160	1	50	03	0	5	Cu	11.2	32	14	34
	459	TŌR											
	462	HURGHADA	30	4	12	03	0	4	Cu, Ci	10.2	32	11	28
	465	QUSEIR	360	10	20	01	1	3	CC	11.5	29	23	70
	641	PORT SUDAN	60	17	20	03	1	5	AC, Ci	7.6	31	26	74
North Sudan	600	WĀDI HALFA	70	18	20	01	2	4	Ac, Cu	6.4	38	7	15
	640	ABU HAMAD	70	2	24	01	2	4	Ac, AS	4.3	39	6	13
	660	KAREIMA	60	0	21	02	1	5	AC	4.3	40	4	11
	680	'ATBARA											
	721	KHARTOŪM	320	3	20	02	2	7	Ac, CS	2.8	39	15	24
	730	KASSALA	[illegible]	2	20	03	0	2		1.7	39	15	24
Central Sudan	751	WĀD MEDANI	[illegible]	6	20	02	2	7	Cu, Ac, Ci	3.4	39	15	24
	801	RENK											
	802	ROSEIRES	[illegible]	5	20	02	1	4	Cu	4.5	35	19	39
	771	EL OBEID	70	[illegible]	20	03	2	7	Cu, Ac, Ci	3.1	37	13	24
	760	EL FASHER											
	770	GENEINA	70	11	50	02	2	6	Cu, CS	5.0	36	6	15
S. Sudan	840	MALAKĀL	330	5	16	95	9	8	Cb, AS	10.4	34	22	50
	880	WĀU	[illegible]	0	30	01	6	7	Ac, AS	7.4	30	21	59
	941	JUBA	60	2	24	02	2	7	Cu, CS	5.1	33	19	44

At 1800 on 16th

Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity	Rain past 12 hrs. mms.
52300	SALLOUM	00	0	14	03	2	5	SC	14.2	18	16	21	-6	88	0
303	SIDI BARRANI	350	11	14	02	2	5	Sc	13.9	18	14	22		78	0
306	MATRŪH (A)	350	7	10	02	2	7	Sc, Cu	14.2	19	14	23		73	0
309	EL DAB'AA	360	12	20	00	0	6	AS	13.6	19	14	23		73	0
319	ALEXANDRIA	360	17	20	01	0	0	—	13.5	19	14	23	-3	73	0
318	ALEXANDRIA (A)	360	13	12	02	2	5	Sc, —	13.2	18	[illegible]	24	-3	73	0
330	DAMIETTA	340	2	4	01	1	1	Ac	13.1	20	16	25	-2	78	0
333	PORT SAID (A)	20	14	12	01	1	1	Sc	12.3	20	17	26	0	83	0
336	EL 'ARISH														
335	DAMANHŪR	40	9	10	01	0	2	Cu	13.1	20	15	27	-3	73	0
342	MANSŪRA	360	3	10	01	1	3	Cu	12.6	21	14	30	-2	65	0
348	TANTA	210	7	20	01	1	2	Cu	12.8	21	14	31	-1	65	0
360	SHEBĪN EL KOM	40	5	10	01	1	1	SC	12.0	21	12	31		57	0
354	ZAGAZIG	300	1	10	02	0	0	—	11.6	22	17	32	0	74	0
441	ISMA'ILIA														
366	CAIRO (A)	40	12	12	02	0	2	Cu	11.6	23	16	32		65	0
372	CAIRO ALMAZA (A)	20	20	15	01	0	0	—	11.0	23	18	33	0	74	0
374	CAIRO EZBEKIYA											33	0		
375	GIZA	[illegible]	[illegible]	[illegible]	02	0	1	Cu	10.[illegible]	22	16	32	0	65	0
378	HELWĀN	20	20	16	02	2	4		10.4	23	14	32	0	57	0
381	FAYOŪM	360	6	20	02	0	0	—	9.4	27	16	35	+1	52	0
387	MINYA (A)	20	5	8	01	0	1	SC	6.7	28	11	38	+2	35	0
393	ASYOŪT (A)	20	3	12	02	1	3	SC	7.5	32	6	38	+1	20	0
399	NAG HAMADI	00	0	4	01	0	3	AC	9.0	36	10	37	0	20	0
402	QENA	270			00	5	0	—	9.3	33	0	38	0	17	0
405	LUXOR (A)	00	0	12	02	0	0	—	8.6	31	10	39		28	0
414	ASWĀN	350	8	15	01	0	0	—	7.6	30	4	39	0	19	0
417	SĪWA	350	8	16	01	1	1	Cu	11.7	26	6	30	-4	28	0
420	BAHARIYA	360	2	20	03	1	4	Cu	8.3	35	13	37	+3	35	0
423	FARAFRA	360	7	12	03	0	2	Cu	10.4	29	7	38		25	0
432	DAKHLA	340	15	8	01	0	3	Cu	9.1	34	7	39	+6	19	0
435	KHARGA	00	0	10	02	0	0	—	7.1	30	9	38	0	27	0
450	SUEZ	350	7	12	01	0	2	Cu	9.9	27	16	34	+2	52	0
459	TŌR														
462	HURGHADA														
465	QUSEIR	350	6	20	01	0	0	—	9.8	27	9	30	-1	33	0
641	PORT SUDAN	350	2	20	03	1	2	Cb	8.6	29	24	33		74	0
600	WĀDI HALFA														
640	ABU HAMAD	360	5	20	01	2	2	AC	3.5	34	4	40		15	0
660	KAREIMA	10	2	21	01	2	1	Cu	4.8	33	3	41		10	0
680	'ATBARA	360	4	20	01	1	1	Cu	2.8	36	8	42		18	0
721	KHARTOŪM	270	4	20	13	2	7	Cb, Ac, As	3.6	37	13	41		24	0
730	KASSALA	360	6	20	13	2	5	Cb, Ac, Ci	3.3	33	18	41		41	0
751	WĀD MEDANI	250	6	20	60	9	8	Cb, As	5.3	28	17	40		52	0.1
801	RENK														
802	ROSEIRES														
771	EL OBEID	190	12	18	13	2	6	Cb, Ac, Ci	4.1	30	17	38		46	dr
760	EL FASHER	60	4	30	03	2	7	Ac, As	4.1	34		38			0
770	GENEINA														
840	MALAKĀL	230	1	20	02	9	7	Ac, CS	9.3	24	21	34		84	11
880	WĀU														
941	JUBA	220	6	20	17	2	7	Cb, Ac, AS	7.1	27	22	34		74	0

At 0600 on FRIDAY 17th MAY 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs	Rainfall Total since 1st Sept.	Rainfall Normal since 1st Sept.
52300	SALLOUM	[illegible]	0	18	[illegible]	2	5	Sc	13.9	+0.9	19	[illegible]	16	-1	83	0	238	
303	SIDI BARRANI	330	[illegible]	18	[illegible]	[illegible]	2	Sc	14.1		18	4	14		78	0	254	
306	MATRŪH (A)	330	5	16	03	2	6	Cu	14.1	+0.2	20	14	14		69	0	265	
309	EL DAB'AA	320	5	10	02	0	5	AC	13.9		20	13	15		64	0	203	
319	ALEXANDRIA	40	2	20	03	0	3	Cu, CS	13.8	-0.1	22	13	18	0	57	0	283	185
318	ALEXANDRIA (A)	30	5	16	[illegible]	2	[illegible]	Cu	13.3	0.0	19	12	15	-2	64	0	255	138
330	DAMIETTA	20	2	4	03	1	5	Cu	14.6	+1.3	20	5	16	-2	73	0	238	165
333	PORT SAID (A)	10	5	16	03	1	6	Cu, Sc	12.9	-0.3	21	14	18	-2	65	0		
336	EL 'ARISH																	
335	DAMANHŪR	300	2	4	03	0	4	Cu	13.4	-0.3	20	15	15	-1	73	0	[illegible]	106
342	MANSŪRA	40	3	3	03	0	3	Cu	13.4	-0.1	22	13	16	0	57	0	[illegible]	54
348	TANTA	310	6	20	02	0	0	—	13.0	-0.8	19	14	14	-1	73	0	[illegible]	42
360	SHEBĪN EL KOM	40	2	10	01	1	1	Cu	13.0	-0.7	20	13	15		64	0	18	
354	ZAGAZIG	360	1	10	03	1	6	AS	11.9	-1.3	21	14	15	0	65	0	33	27
441	ISMA'ILIA																	
366	CAIRO (A)	70	9	12	03	0	3	Cu	12.2		21	14	17		65	0	53	
372	CAIRO ALMAZA (A)	40	10	18	03	1	[illegible]	[illegible]	12.3	-0.7	21	14	16	-2	65	0	60	
374	CAIRO EZBEKIYA										20	14	17	0	69	0	42	25
375	GIZA	30	5	8	03		2	Cu	12.1	-1.1	21	15	17	+2	69	0	58	25
378	HELWĀN	20	4	10	02	1	1	Cu	12.2	-0.8	21	14	17	-1	65	0	36	28
381	FAYOŪM	360	6	20	02	0	0	—	12.3	-0.6	23	15	17	0	61	0	16	8
387	MINYA (A)	10	10	8	02	0	2	AC	11.1	-1.8	22	14	18	+1	61	0	2	
393	ASYOŪT (A)	330	6	16	02	1	4	Sc, Cu	11.8	-0.3	24	9	20	0	38	0	dr	
399	NAG HAMADI	00	0	4	03	0	6	AC, CC	11.2	+0.3	27	16	18	-1	52	0	1	
402	QENA	270	2	10	[illegible]	1	2	Cu	10.2	-0.4	31		22	+2		0	dr	
405	LUXOR (A)	230	5	22	02	0	2	AC	9.3	-1.2	30	5	21		21	0	[illegible]	
414	ASWĀN	00	0	12	01	0	0	—	9.5	-1.1	32	2	22	-2	15	0	2	
417	SĪWA	30	2	15	02	0	1	Cu	14.0	+0.1	20	12	16	0	[illegible]	0	[illegible]	8
420	BAHARIYA	30	5	20	02	0	0	—	13.0	-0.4	19	15	16	-1	73	0	[illegible]	7
423	FARAFRA	40	4	18	03	0	1	Cu	13.9		22	6	16		36	0	dr	
432	DAKHLA	20	2	9	06	0	2	Cu	12.2	+0.1	26	13	23	+4	45	0		
435	KHARGA	360	8	6	03	0	7	Sc, Cu	10.2	-0.7	26	14	22	+1	48	0	[illegible]	
450	SUEZ	330	2	20	00	0	5	Cu	12.0	-0.6	22	12	16	-3	53	0	40	17
459	TŌR																	13
462	HURGHADA	150	1	12	01	0	1	Cu	8.6	-1.8	28	14	23	+2	42	0		
465	QUSEIR	00	0	20	02	0	0	—	9.0	-1.6	35	20	25	+1	42	0		4
641	PORT SUDAN	330	1	20	03	0	6	Sc, Ac, Ci	9.9		32	[illegible]			49	0		
600	WĀDI HALFA	00	0	20	02	0	1	AC	8.9		29	5			22	0		
640	ABU HAMAD	90	5	24	03	0	6	AC	6.3		31	8			24	0		
660	KAREIMA	90	2	21	02	2	4	AC	7.2		33	6			19	0		
680	'ATBARA	80	11	20	01	1	4	CS	7.0		31	17			43	0		
721	KHARTOŪM	140	12	20	01	2	4	Ac, Cu	7.3		31	17			43	0		
730	KASSALA	210	2	20	01	2	7	Ac, AS	9.2		26	21			74	0		
751	WĀD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID	240	9	20	02	2	7	Ac, AS	7.3		29	18			52			
760	EL FASHER	130	4	30	01	2	7	Ac, AS	8.3		29	10	25		31	0		
770	GENEINA																	
840	MALAKĀL																	
880	WĀU																	
941	JUBA	130	2	10	02	1	5	Cu	7.5		24	21	19		84	13		

53331 26312 11910 98020 14419 12400 15400 53327 29518 33105 98020 00115 13121

53327 28012 33101 98020 14721 31400 25610

53342 26912 10000 98020 15520 12400 36702

SHIPS REPORTS IN CODE: 62263 34706 00001 98010 09326 00900 36213 00222 100x0

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		Farafra		Minya		Siwa	
DATE	17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	15	330	16	330	14	340	13	350	18	360	16	290	9	350	5	30	11	20	23	360	10
600 m.	10	16	330	14	320	30	340	10	340	16	350	16	290	13	350	4	40	16	30	17	310	6
1000 m.	360	15	320	14	320	21	320	10	330	14	350	19	300	10	320	9	40	13	360	22	300	6
1500 m.	350	15	320	18	320	28	290	10	310	10	330	17	300	8	310	13	10	13	340	14	290	8
2100 m.			300	18	320	23	300	11			300	16	270	4	300	17	320	8			260	11
2400 m.					320	29	290	15	300	8			280	4	310	18	310	8			260	13
3000 m.							280	17					280	7	300	19	300	7			280	23
4000 m.													290	20			290	26				
5000 m.																	300	26				
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	17-5		17-5		17-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	50	13	360	14	320	8	60	4	360	4	40	10	100	16	330	3	10	6	330	4	190	4
600 m.	40	14	360	21	340	17	360	4	10	3	10	16	90	5	360	1	40	4	350	7	320	2
1000 m.	10	9	340	11	330	16	350	5	290	3	10	15	300	4	50	2	350	6	350	12	360	5
1500 m.	300	16	320	15	320	17	330	10	330	11	360	11	290	6			340	10	340	10	220	4
2100 m.			280	32	310	16	320	19	300	21							320	5	310	15	220	3
2400 m.			270	32			300	30	310	15							310	10	290	15	290	9
3000 m.							290	43	290	28									270	8	280	15
4000 m.																					260	10
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Aswan		Salloum		Salloum		S. Bayani		Aswan		Baharciya		Dakhla		Kharga	
DATE	18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	6	30	4	330	18	350	8	30	3	100	6	40	9	320	5	320	10	360	20	30	8
600 m.	70	13	20	17	350	26	20	14	110	5	170	2	160	4	330	4	330	10	220	2	360	10
1000 m.	20	14	360	20	360	27	360	16	170	4	160	6	210	10	330	4	120	4	60	3	360	14
1500 m.	350	17	330	22	310	16	310	23	230	8	190	8	210	8	20	4	100	5			360	21
2100 m.			330	17	300	20	280	11	260	10					230	2	140	5			10	4
2400 m.							250	14	250	20							210	3				
3000 m.									250	6							290	10				
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
ALTITUDE																				
1000 mb																				
950 mb																				
900 mb																				
850 mb																				
800 mb																				
700 mb																				
600 mb																				
500 mb																				
400 mb																				
300 mb																				
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7r

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 18th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " , moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather in Lower and Middle Egypt; hot weather in Upper Egypt. Moderate E/NE ly winds in the north, light N ly in the south. Some low clouds over L. Egypt and Cairo during day, medium and high clouds increasing in extreme Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 00 U.T. / " " Sunset 16 43 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17 th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	70	6	18	02	0	4	Sc	14.9	21	16	74	
	303	SÎDI BARRÂNI	340	14	20	02	0	0	—	14.6	20	14	69	
	306	MATRÛḤ (A)	360	9	18	02	1	2	Cu, Sc	14.7	21	13	61	
	309	EL ḌAB'AA	360	9	18	00	0	0		14.6	21	14	65	
	319	ALEXANDRIA	40	12	20	01	0	2	Cu, Ci	14.4	21	14	65	
	318	ALEXANDRIA (A)	360	13	16	02	0	4	Sc, Ac	14.0	23	12	50	
	330	DAMIETTA	340	5	20	01	1	3	Cu, Ac	14.2	22	13	57	
	333	PORT SA'ÎD (A)	350	10	20	01	2	2	Sc, Ci	13.3	21	16	74	
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	330	5	10	01	1	4	Cu	14.0	26	12	42	
	342	MANṢÛRA	320	5		03	1	5	Cu	12.4	26	12	42	
	348	ṬANṬA	330	6	20	03	2	5	Cu	12.9	26	11	40	
	360	SHEBÎN EL KÔM	40	2	10	01	1	2	Cu	12.4	29	7	25	
	354	ZAGAZIG	140	1	20	02	0	6	Cu	11.9	27	13	42	
	441	ISMA'ILÍA												
CAIRO AREA	366	CAIRO (A)	340	8	16	02	0	3	Cu, Ci	11.3	27	9	33	
	372	CAIRO ALMÂZA (A)	30	10	25	03	0	4	Cu, Ci	11.4	27	8	30	
	374	CAIRO EZBEKÍYA												
	375	GIZA		10	18	02	0	2	Cu	12.0	28	11	35	
	378	ḤELWÂN	320	7	6	02	2	3	Cu	11.6	27	4	23	
UPPER EGYPT	381	FAYOÛM	360	6	20	02	1	3	Ac	11.6	29	7	25	
	387	MINYA (A)	320	7	10	02	1	4	Ci	10.8	31	4	18	
	393	AṢYOÛT (A)	300	11	20	02	1	2	Sc	10.4	32	4	17	
	399	NAG' HAMÂDI	00	0	10	01	0	4	Ac	9.3	33	13	30	
	402	QENA	290	4	20	00	1	3	Ci	9.0	37			
	405	LUXOR (A)	270	8	22	01	0	1	Cu	7.5	38	8	16	
	414	ASWÂN	00	0	15	03	0	2	Cu	6.8	41	7	13	
OASES	417	SÎWA	340	10	16	03	1	4	Cu, Ci	14.1	28	6	25	
	420	BAHARÎYA	340	7	20	03	2	6	Ac	14.1	28	12	37	
	423	FARAFRA	330	6	20	03	0	4	Ci	12.3	30	4	19	
	432	DAKHLA	330	9	20	02	0	0	—	11.5	33	2	14	
	435	KHARGA	350	6	10	01	0	2	Cu	8.4	34	9	22	
RED SEA	450	SUEZ	360	3	50	01	0	3	Cu	11.1	27	16	52	
	459	TÔR												
	462	HURGHÂDA												
	465	QUSEIR	360	12	22	00	6	3	Sc	7.8	28	21	66	
	641	PORT SÛDÂN	360	9	20	03	0	3	Ac	9.2	27	17	55	
NORTH SUDAN	600	WÂDI HALFA												
	640	ABU HAMAD												
	660	KAREIMA												
	680	'ATBARA												
	721	KHARTOÛM												
	730	KASSALA												
CENTRAL SUDAN	751	WÂD MEDANI	50	6	20	01	2	7	Cu, Ac, Cs	8.3	38	13	22	
	801	RENK	120	2	20	02	2	7	Sc	8.5	37	24	48	
	802	ROSEIRES	130	9	28	02	6	8	Sc	7.9	37	20	37	
	771	EL OBEID	270	6	20	02	2	6	Ac, As	3.2	37	12	22	
	760	EL FASHER	110	2	30	02	2	7	Ac, Cs	4.5	36	4	13	
	770	GENEINA	60	4	50	02	2	7	Cu, Cs	6.3	36	13	25	
S. SUDAN	840	MALAKÂL	200	1	20	15	2	7	Ch, Cs	5.6	35	20	42	
	880	WÂU	300	4	20	01	2	7	Ac, As	6.6	31	21	55	
	941	JUBA	190	3	24	17	9	7	Ch, Ac	7.3	26	23	84	
RETARDS			632	48	358	12	036	03	98020	085	30	00900	36400	

At 1800 on 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	70	5	12	02	0	4	Sc	14.1	19	16	21	-6	83	0
SÎDI BARRÂNI	10	11	14	02	0	0	—	14.1	18	15	21		83	0
MATRÛḤ (A)	10	4	14	01	0	0	—	14.4	18	14	22		78	0
EL ḌAB'AA	360	3	20	00	0	0	—	14.6	19	14	22		73	0
ALEXANDRIA	360	10	20	01	0	0	—	14.6	19	16	23	-3	83	0
ALEXANDRIA (A)	360	7	12	02	0	0	—	14.1	19	12	23	-4	64	0
DAMIETTA	340	5		01	1	1	Cu	13.4	20	15	23	-4	73	0
PORT SA'ÎD (A)	350	13	18	02	0	1	Sc	13.6	20	16	24	-2	78	0
EL 'ARISH														
DAMANHÛR	30	2	10	02	0	0	—	14.0	19	14	27	-3	73	0
MANṢÛRA	320	5		00	0	0	—	13.8	20	13	27	-5	64	0
ṬANṬA	360	12	20	02	0	0	—	13.6	21	12	28	-4	57	0
SHEBÎN EL KÔM	40	5	10	01	1	1	Sc	12.8	21	11	29		53	0
ZAGAZIG	00	0	10	02	0	0	—	11.9	22	13	27	-5	57	0
ISMA'ILÍA														
CAIRO (A)	30	14	12	01	0	0	—	12.9	22	10	28		47	0
CAIRO ALMÂZA (A)	30	16	15	01	0	0	—	12.5	22	9	29	-4	44	0
CAIRO EZBEKÍYA											30	-3		
GIZA	90	12	10	02	0	1	Sc, Cu	12.8	23	11	28	-4	47	0
ḤELWÂN	360	13	4	02	3	3	Ci	13.0	22	11	28	-4	50	-0
FAYOÛM	360	4	20	01	0	0	—	12.7	24	8	30	-4	36	0
MINYA (A)	00	0	8	02	1	2	Ci	11.3	23	8	32	-4	38	0
AṢYOÛT (A)	300	4	10	02	0	2	Ci	11.8	27	3	33	-4	22	0
NAG' HAMÂDI	00	0		01	0	1	As	10.3	28	10	35	-2	33	0
QENA	00	0		00	0	0	—	8.3	29		38	0		0
LUXOR (A)	320	10	12	02	0	0		8.7	31	8	39		24	0
ASWÂN	290	10	12	01	0	0	—	6.5	36	2	42	+3	12	0
SÎWA	320	2	14	02	1	1	Sc, Cu	13.1	25	8	30	-4	34	0
BAHARÎYA	320	2	20	02	2	4	Ac	12.6	25	9	30	-5	36	0
FARAFRA	00	0	12	03	0	7	Cs	12.5	26	4	31		25	0
DAKHLA	350	12	12	01	0	2	Ci	12.3	29	-2	34	-4	13	0
KHARGA	00	0	10	02	0	0	—	9.0	30	5	35	-3	21	0
SUEZ	360	3	10	01	0	1	Cu	11.5	23	16	29	-4	65	0
TÔR														
HURGHÂDA														
QUSEIR		10	20	01	0	0	—	8.9	25	20	35	-4	74	0
PORT SÛDÂN	00	0	20	01	0	1	Sc	8.2	28	18	34		55	0
WÂDI HALFA	340	8	24	01	0	0	—	6.6	35	3	41		13	0
ABU HAMAD	50	5	22	02	0	0	—	4.8	34	5	41		16	0
KAREIMA	60	5	21	01	0	1	Ac	3.6	37	8	42		17	0
'ATBARA	10	6	20	13	1	6	Ch, Ac	3.7	37	12	42		22	0
KHARTOÛM	200	5	25	02	1	5	Ac	2.9	37	15	41		27	0
KASSALA	00	0	20	13	1	3	Ch, Ac	4.5	33	16	38		36	0
WÂD MEDANI											40			
RENK	230	2	20	13	2	3	Ch	4.4	33	15	40		34	0
ROSEIRES														
EL OBEID	180	10	20	01	1	2	Ac	4.3	31	17	38		43	0
EL FASHER	70	3	20	02	2	8	Ac, Cs	3.8	32	3	37		16	0
GENEINA	230	2	50	01	9	6	Ac	5.0	31	13	37		33	0
MALAKÂL											35			7
WÂU											32			
JUBA	50	5	25	17	9	5	Ch, Ci	8.2	24	22	31		39	0.6
RETARDS	632	33	369	18	000	01	98020	069	27	009	00	36500	001	21.

At 0600 on SATURDAY 18th MAY, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal from Oct. 1st
SALLOÛM	00	0	18	01	0	0	—	15.1	+2.1	20	16	17	0	78	0	238	
SÎDI BARRÂNI	30	3	18	00	0	0		15.1		19	14	13		73	0	254	
MATRÛḤ (A)	00	0	16	01	2	6	Sc	16.0	+2.1	20	15	12		73	0	265	
EL ḌAB'AA	00	0	10	00	0	5	Ac	15.9		21	14	12		65	0	203	
ALEXANDRIA	130	2	10	03	0	5	Cu	16.3	+2.4	20	15	17	-1	73	0	283	185
ALEXANDRIA (A)	150	1	14	03	0	3	Cu	15.9	+2.6	20	15	14	3	73	0	255	138
DAMIETTA	200	2		02	1	1	Cu	15.4	+2.1	19	15	15	-3	78	0	258	165
PORT SA'ÎD (A)	350	1	14	02	1	2	Sc	15.7	+2.6	22	14	18	-2	61	0		
EL 'ARISH																	
DAMANHÛR	40	2	10	00	0	1	Cu	15.4	+1.7	20	15	14	-2	73	0	140	100
MANṢÛRA	00	0		03	1	4	Cu	16.0	+2.6	21	16	14	-2	74	0	73	54
ṬANṬA	00	0	20	01	1	2	Ci	16.7	+2.9	17	14	12	-3	83	0	79	42
SHEBÎN EL KÔM	40	2	10	01	1	2	Cu	15.9	+2.2	21	14	15		65	0	58	
ZAGAZIG	40	1	10	03	1	6	Cu	15.3	+1.6	20	15	14	-1	73	0	53	27
ISMA'ILÍA																	
CAIRO (A)	70	6	16	03	0	2	Cu	15.7		22	12	17		53	0	55	
CAIRO ALMÂZA (A)	60	10	18	03	0	1	Cu, Sc	15.5	+2.5	22	12	16	-2	53	0	60	
CAIRO EZBEKÍYA										22	13	17	0	57	0	43	25
GIZA	140	3	8	03	—	0	—	15.9	+2.8	21	14	17	+2	65	0	58	25
ḤELWÂN	00	0	10	02	0	0		15.8	+2.8	21	16	15	3	50	0	36	28
FAYOÛM	40	4	20	02	0	0	—	15.8	+2.9	22	13	16	-1	57	0	16	8
MINYA (A)	00	0	10	02	0	0	—	14.8	+1.9	22	12	14	3	53	0	2	
AṢYOÛT (A)	00	0	16	02	0	0	—	15.1	+3.0	24	9	18	-2	38	0	dr	
NAG' HAMÂDI	00	0		01	0	2	Ac	14.2	+3.3	24	12	19	0	47	0	1	
QENA	00	0		10	0	0	—	13.0	+2.4	28		24	+3		0	dr	
LUXOR (A)	330	6	22	01	1	1	Cu	12.7	+2.2	29	6	25		23	0	0	
ASWÂN	330	4	12	03	2	7	Ac	13.3	+2.7	28	7	26	+2	27	0	8	
SÎWA	130	6	16	02	0	0	—	14.8	+0.5	21	8	16	0	44	0	34	8
BAHARÎYA	00	0	20	02	0	0	—	14.9	+1.6	21	12	14	3	57	0	8	7
FARAFRA	00	0	15	02	0	0		16.1		22	9	16		44	0	dr	
DAKHLA	100	2	20	02	0	0	—	15.4	+3.3	25	3	21	+1	24	0	1	
KHARGA	360	6	8	03	0	1	Ci	13.8	+2.7	25	8	22	+1	34	0	3	
SUEZ	320	1	20	00	0	0	—	15.1	+2.6	19	16	14	-5	83	0	42	17
TÔR																	13
HURGHÂDA																dr	
QUSEIR	340	13	20	03	0	3	Ac, As	12.3	+1.8	26	16	22	-2	55	0	dr	4
PORT SÛDÂN	70	3	20	03	1	7	Ac, Ci	9.7		31	16	20		41	0		
WÂDI HALFA	360	7	20	02	0	1	Ac	11.8		30		28			0		
ABU HAMAD	20	9	22	02	1	5	Ac, Cs	9.3		33	2	21		14	0		
KAREIMA																	
'ATBARA	180	5	10	01	3	4	Ac	8.4		33	14	29		32	0		
KHARTOÛM	140	18	20	01	2	5	Ac, Ci	6.7		33	18	30		41	0		
KASSALA	70	3	20	03	2	8	Ac, Ci	9.3		29	18	24		52	0		
WÂD MEDANI	130	6	20	01	2	6	Ac, Cs	9.3		31	18	28		46	0		
RENK																	
ROSEIRES	310	2	20	02	2	8	Ac	9.2		26	20	22		70	0		
EL OBEID																	
EL FASHER																	
GENEINA	160	1	50	03	1	6	Ac, Cs	11.1		24	16	20		61	0		
MALAKÂL	00	0	20	00	2	7	Ac, As	10.3		25	22	23		84	7		
WÂU	200	3	20	02	2	8	As	9.2		23	21	23		89	1		
JUBA	00	0	24	02	2	7	Ch, Ac, Ci	11.1		23	23	19		97	21		
RETARDS	732	59	350	06	233	24	98020	11124	20	690	752	20	000	18	13335		
SHIP REPORTS in code	732	51	356	06	333	20	98010	12427	20	731	882	10	003	21	13323		

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	11	340	17	310	17	20	12	20	9	10	16	180	2	100	9	30	9	30	22	120	17
600 m	350	9	350	19	210	17	360	3	360	11	360	24	140	6	70	7	20	7	20	20	130	13
1000 m.	350	9	360	19	320	16	320	4	360	9	360	19	190	5	350	9	340	6	10	14	150	10
1500 m.	360	6	360	16	320	7	310	19	290	12	320	12	210	9	280	20	280	16	330	11	210	8
2100 m.	360	7							280	12	310	12	220	10	300	24	290	16	330	17	240	10
2400 m	290	8							300	12	10	13	220	10	300	29	300	19	320	13	240	10
3000 m									290	22			290	12	310	17	270	17	300	13	320	11
4000 m									280	21											300	6
5000 m									270	28												
6000 m									260	33												

STATION	Cairo (A)		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	18-5		18-5		18-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	180	31	20	12	10	15	340	19	120	25	80	8	140	17	330	4	90	6	10	12	180	9
600 m	20	16	10	17	360	20	100	11	100	12	60	27	140	16	240	3	110	4	10	21	180	18
1000 m	360	15	360	14	360	17	270	2	90	16	40	32	160	16			340	8	10	22	170	17
1500 m	330	19	320	17	350	30	300	17	320	17	360	35	210	9			10	9			160	17
2100 m.	320	28	310	13			350	18	330	21			270	5			270	9			160	15
2400 m.	310	10	300	13			340	10	320	42			330	13			250	8			160	14
3000 m	290	10	290	11			280	16	320	23			340	12			270	14				
4000 m.	300	10	290	19			290	21					300	10								
5000 m.							280	31														
6000 m.							260	37														

STATION	Cairo (A)		Asyout		Luxor		Aswan		Salloum		S. Barrani		Aswan		Bahariya		Farafra		Dakhla		Kharga	
DATE	19-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5		19-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	80	14	110	10	10	5	10	17	210	15	230	16	320	14	110	11	200	2	330	2	20	15
600 m	70	10	40	17	360	4	20	18	210	21	140	4	310	11	110	17	270	1	360	2	360	14
1000 m	10	12	30	17	350	17	10	14	220	17	200	9	330	3	110	12	70	4	350	3	20	24
1500 m.	340	17	10	19	340	17	300	12	220	13			280	4	330	3	150	4	360	5	360	30
2100 m	350	14			300	11	270	9	220	14			280	10	230	7	160	4			350	9
2400 m	320	5			320	10	260	11	230	10					180	5					280	7
3000 m	250	10			320	8	230	8														
4000 m.																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED
Surface																				
1000 mb																				
950 mb																				
900 mb																				
850 mb																				
800 mb																				
700 mb																				
600 mb																				
500 mb																				
400 mb																				
300 mb																				
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Sunday 19th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature all over the Republic, beginning a period of hot weather. Some low clouds over Lower Egypt and Cairo. Moderate SE^ly winds, freshening at times on the coast in the west. In Upper Egypt: Mainly clear. Variable light winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 00 U.T. / " " Sunset 16 44 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	80	4	18	02	0	2	ci	15.0	22	17	74
	303	SÎDI BARRÂNI	40	17	18	02	0	2	cu	14.7	22	15	65
	306	MATRÛH (A)	50	14	16	02	0	1	cu	15.4	23	15	61
	309	EL DAB'AA	340	9	20	00	0	0	—	15.6	23	16	65
	319	ALEXANDRIA	360	14	20	01	1	1	cu	16.3	23	15	61
	318	ALEXANDRIA (A)	350	13	12	02	0	3	cu	16.2	24	15	57
	330	DAMIETTA	20	2	20	02	1	1	cu	16.2	24	15	57
	333	PORT SA'ÎD (A)	20	7	20	02	0	1	Sc	16.1	24	14	54
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	160	2	20	01	0	3	cu	15.2	27	13	42
	342	MANSÛRA	20	3		03	1	6	cu	15.1	27	12	40
	348	ṬANṬA	180	3	20	03	2	5	cu	14.9	27	10	35
	360	SHEBÎN EL KÔM	40	5	20	01	1	1	cu	15.0	26	7	30
	354	ZAGAZIG	90	1	20	03	1	6	AS	14.3	27	17	55
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	30	9	20	02	0	1	cu	14.6	28	6	25
	372	CAIRO ALMÂZA (A)	310	10	22	02	0	1	cu	14.5	29	5	22
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	5	10	03	0	1	cu	15.2	27	10	35
	378	ḤELWÂN	360	8	10	02	0	0	—	14.9	27	2	20
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	14.8	29	8	27
	387	MINYA (A)	350	8	10	02	0	0	—	13.8	30	5	21
	393	AṢYOÛṬ (A)	350	8	18	02	0	0	—	12.7	31	-2	11
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	AC	12.3	33		
	402	QENA	00	0	20	00	0	0	—	11.9	34		
	405	LUXOR (A)	330	4	22	01	0	0	—	11.0	34	2	13
	414	ASWÂN	360	9	15	03	2	3	AC	9.5	35	4	14
Oases	417	SÎWA	360	10	16	02	0	1	ci	13.7	31	0	13
	420	BAḤARÎYA	320	1	20	02	0	0	—	14.6	30	12	33
	423	FARAFRA	40	1	20	03	0	1	ci	14.5	30	6	22
	432	DAKHLA	340	7	22	03	0	1	AS	13.4	32	-8	7
	435	KHARGA	360	5	15	02	0	0	—	10.7	33	6	19
Red Sea	450	SUEZ	40	3	20	03	0	2	cu	14.2	27	11	37
	459	TÔR											
	462	HURGHÂDA	350	15	22	02	0	1	cu	11.5	28	12	37
	465	QUSEIR	20	12	20	01	0	1	ci	12.3	27	16	52
	641	PORT SÛDÂN	40	12	20	03	1	4	AC	8.5	34	19	41
North Sudan	600	WÂDI ḤALFA	30	12	20	02	0	1	Ac	9.3	37	9	18
	640	ABU ḤAMAD	00	0	24	03	1	6	ac	5.8	40	8	14
	660	KAREIMA	10	1	21	01	2	6	cs	4.5	41	11	17
	680	'AṬBARA	70	4	20	01	2	5	cu,ACCS	3.7	41	7	13
	721	KHARṬOÛM	50	5	22	03	2	7	Cb,ACCS	2.9	39	16	26
	730	KASSALA	50	2	20	01	1	1	cu,AC	3.2	39	15	24
Central Sudan	751	WÂD MEDANI	130	3	20	03	1	6	cu,ACci	3.8	39	17	28
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	330	8	20	03	1	6	cu,AC	2.2	38	12	21
	760	EL FASHER	100	17	30	03	2	7	cu,ACCS	4.7	37	11	13
	770	GENEINA											
S. Sûdân	840	MALAKÂL	340	11	20	02	6	7	cb,ACCS	6.4	32	21	52
	880	WÂU	00	0	20	02	0	8	cu,AC	7.6	30	21	59
	941	JUBA	170	1	24	02	2	7	cb,cs	6.8	31	21	55

Code entries (1200): 73271 34 312 033 24 980 16 11026 00400 75666 / 73329 28 612 23010 98002 25220 22727 66000

At 1800 on 18th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	40	12	14	01	0	0	—	14.2	20	17	24	-3	83	0
303	SÎDI BARRÂNI	90	17	15	02	0	0	—	14.3	20	15	22		73	0
306	MATRÛH (A)	90	11	12	01	1	1	ci	15.2	19	15	24		78	0
309	EL DAB'AA	40	8	20	00	0	3	ci	15.6	19	16	23		83	0
319	ALEXANDRIA	360	11	20	01	0	0	—	17.0	20	15	24	-2	73	0
318	ALEXANDRIA (A)	60	5	12	01	0	0	—	16.5	19	13	25	-2	68	0
330	DAMIETTA	340	2		00	0	0	—	16.4	21	14	24	-3	65	0
333	PORT SA'ÎD (A)	20	9	18	02	0	0	—	16.4	21	15	26	0	69	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	01	0	1	ci	16.2	20	15	28	-2	73	0
342	MANSÛRA	360	3		00	0	0	—	16.4	21	12	29	-3	57	0
348	ṬANṬA	360	10	20	01	1	1	ci	16.2	22	12	29	-4	53	0
360	SHEBÎN EL KÔM	20	2	10	01	1	2	Sc	15.8	22	9	28		44	0
354	ZAGAZIG	360	1	10	02	0	0	—	15.3	24	14	28	-4	54	0
441	ISMA'ILIA														
366	CAIRO (A)	330	12	12	02	0	0	—	15.4	23	9	28		41	0
372	CAIRO ALMÂZA (A)	20	14	12	01	0	0	—	14.9	24	7	29	-4	34	0
374	CAIRO EZBEKÎYA											29	-4		
375	GIZA	80	5	8	01	0	0	—	15.4	25	9	29	-4	36	0
378	ḤELWÂN	360	5	10	02	1	3	cu	15.1	24	6	28	-5	32	0
381	FAYOÛM	360	4	20	02	0	0	—	14.7	24	10	30	-4	41	0
387	MINYA (A)	20	1	7	02	0	0	—	13.5	22	9	30	-6	44	0
393	AṢYOÛṬ (A)	320	6	12	02	0	1	ci	13.8	26	4	32	-5	25	0
399	NAG' ḤAMÂDI	00	0		02	0	3	AC	12.3	27		36	-1		0
402	QENA	00	0		00	0	0	—	11.2	28		36	-3		0
405	LUXOR (A)	320	3	12	02	0	0	—	10.4	29	3	36		19	0
414	ASWÂN	00	0	12	01	0	0	—	10.0	32	3	36	-3	16	0
417	SÎWA	200	3	14	01	0	1	ci	13.0	28	1	33	-1	18	0
420	BAḤARÎYA	00	0	10	02	0	1	AC	13.8	27	11	32	-3	37	0
423	FARAFRA	00	0	12	03	0	2	ci	14.2	26	4	32		25	0
432	DAKHLA	340	7	14	01	0	4	ci	14.0	28	-9	33	-5	8	0
435	KHARGA	360	1	8	01	0	2	ci	11.1	28	1	34	-4	18	0
450	SUEZ	40	3	10	01	0	0	—	14.2	25	13	29	-4	48	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	360	4	20	03	0	2	Sc,ci	11.7	25	11	28	-3	42	0
641	PORT SÛDÂN	350	6	20	03	2	7	cs	10.5	29	21	36		62	0
600	WÂDI ḤALFA	20	7	20	02	1	5	Cs	9.2	31	8	39		24	0
640	ABU ḤAMAD	360	9	24	01	2	4	Ac	5.9	35	2	42		12	0
660	KAREIMA	60	3	21	01	1	2	Ac	5.1	37	9	43		18	0
680	'AṬBARA	10	8	20	01	0	0	—	2.5	38	7	42		15	0
721	KHARṬOÛM	130	15	13	13	2	5	cb	4.5	35	16	41		32	0
730	KASSALA	00	0	20	03	0	7	AC,CS	4.3	33	17	39		38	0
751	WÂD MEDANI	270	8	17	13	9	7	cb,AC	5.4	32	17	39		41	0
801	RENK											38			
802	ROSEIRES											37			
771	EL OBEID	180	8	20	13	2	5	sc,ac,ci	2.9	33	14	39		32	0
760	EL FASHER	00	0	30	02	2	7	AC,CS	5.3	32	9	39		24	0
770	GENEINA											38			
840	MALAKÂL	360	5	18	95	9	8	cb,AS	11.0	23	23	32		97	dr
880	WÂU														
941	JUBA	10	2	24	13	2	7	[illegible]	8.6	27	24	32		84	0

Code entries (1800): 73229 37018 03416 98020 09627 00900 75207 05021

At 0600 on SUNDAY 19th MAY, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	200	14	18	03	1	7	cs	11.8	-1.2	23	9	16	-1	41	0	258	
303	SÎDI BARRÂNI	180	25	12	00	0	5	ci	11.9		25	9	14		36	0	254	
306	MATRÛH (A)	140	16	16	02	0	2	ci	13.8	-0.1	24	8	14		36	0	265	
309	EL DAB'AA	160	10	10	00	0	0	—	14.9		21	13	13		61	0	203	
319	ALEXANDRIA	130	16	10	02	0	0	—	16.0	+2.1	20	15	16	-2	73	0	283	185
318	ALEXANDRIA (A)	140	10	12	02	0	0	—	15.7	+2.5	21	14	16	-1	65	0	255	138
330	DAMIETTA	160	2	4	03	1	3	cu	15.9	+2.7	21	16	16	-2	74	0	238	105
333	PORT SA'ÎD (A)	140	13	14	02	0	1	Sc,ci	16.3	+3.2	21	14	18	-2	66	0		
336	EL 'ARISH																	
339	DAMANHÛR	160	5	10	00	0	0	—	16.3	+2.6	20	15	13	-3	73	0	140	100
342	MANSÛRA	90	3	3	00	0	0	—	15.8	+2.4	22	14	15	-1	61	0	73	54
348	ṬANṬA	130	7	20	01	1	1	ci	15.7	+2.0	19	14	14	-1	73	0	79	42
360	SHEBÎN EL KÔM	40	2	10	01	1	1	cu	15.6	+1.9	21	12	15		57	0	68	
354	ZAGAZIG	140	1	10	02	0	0	—	15.6	0.0	22	11	15	0	50	0	53	27
441	ISMA'ILIA																	
366	CAIRO (A)	100	7	20	03	0	1	ci	15.2		25	4	18		26	0	55	
372	CAIRO ALMÂZA (A)	90	8	15	03	0	1	AC	15.0	+2.1	26	4	18	0	25	0	60	
374	CAIRO EZBEKÎYA										24	10	18	-1	41	0	43	25
375	GIZA	00	0	8	02		0	—	15.6	+2.5	23	11	14	-1	47	0	58	25
378	ḤELWÂN	00	0	10	02	0	0	—	15.6	+2.6	21	8	18	0	44	0	36	28
381	FAYOÛM	00	0	20	02	0	0	—	15.9	+3.0	28	12	15	-2	45	0	16	8
387	MINYA (A)	90	3	8	02	0	0	—	15.2	+2.4	24	7	14	-3	34	0	2	
393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	15.7	+3.7	24	6	19	-1	32	0	dr	
399	NAG' ḤAMÂDI	00	0	4	01	0	2	AC	14.6	+3.8	23	10	17	-2	44	0	1	
402	QENA	360	0	10	00	0	0	—	13.4	+2.9	26		19	-2		0	dr	
405	LUXOR (A)	360	2	22	03	0	1	cs	13.6	+3.2	26	4	18		25	0	0	
414	ASWÂN	360	9	12	01	0	1	ci	13.4	+2.9	27	3	22	-2	22	0	8	
417	SÎWA	120	6	16	02	0	2	ci	13.9	-0.3	22	2	15	-1	27	0	24	8
420	BAḤARÎYA	100	7	10	02	0	0	—	15.1	+1.8	22	12	18	+1	53	0	2	7
423	FARAFRA	00	0	15	03	0	1	ci	16.1		23	5	16		32	0	dr	
432	DAKHLA	00	0	22	03	0	2	AS	15.2	+3.2	24	2	18	-2	24	0	1	
435	KHARGA	40	4	8	03	0	1	ci	13.3	+2.2	26	7	19	-3	30	0	3	
450	SUEZ	00	0	20	00	0	0	—	15.6	+3.1	20	15	13	-6	73	0	42	17
459	TÔR																	13
462	HURGHÂDA	330	18	22	00	0	1	Sc	14.4	+4.1	25	10	17	-4	39	0	dr	
465	QUSEIR	340	12	20	03	0	3	Ci	14.0	+3.5	25	19	21	-3	70	0	dr	4
641	PORT SÛDÂN	360	2	20	01	0	1	Ci	10.5		31	17	21		43	0		
600	WÂDI ḤALFA	20	7	20	01	1	2	ci	11.9		29	6	23		23	0		
640	ABU ḤAMAD	360	9	24	02	0	1	ci	9.3		32	5	25		18	0		
660	KAREIMA	100	7	21	01	0	1	AC	9.1		32	12	28		30	0		
680	'AṬBARA	60	6	20	03	2	6	Ac,CS	8.2		31	0	26		13	0		
721	KHARṬOÛM	270	8	20			6	CS	8.2		30	20	29		55	0		
730	KASSALA	140	4	20	01	2	4	Ac,CS	6.5		35	15	26		30	0		
751	WÂD MEDANI	310	9	20	01	2	6	CS	8.1		29	18			52	0		
801	RENK	180	5	20	02	1	7	Sc	10.8		28	21	25		66	0		
802	ROSEIRES	230	5	20	02	2	8	AC	10.0		28	21	25		66	0		
771	EL OBEID	270	7	20	01	6	7	Ac,CS	8.2		28	16	25		49	dr		
760	EL FASHER	180	5	30	02	2	7	Ac,CS	9.0		27	17	26		55	0		
770	GENEINA	250	3	50	03	2	7	Ac,AS	12.8		25	16	22		58	0		
840	MALAKÂL	00	0	20	01	2	7	Ac,CS	11.7		24	22	22		89	2		
880	WÂU																	
941	JUBA	00	0	24	02	2	7	St,Ac,AS	11.8		26	24	24		89	0		

SHIP REPORTS IN CODE

13332 26206 61618 98032 12066 00971 26314 00063

13254 35206 14219 98000 10025 00902 75714 00219 13223

13271 34306 03217 98020 14425 00900 36211 00121 13322

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Mallawi		Cairo (A)		Luxor		Aswan		Port Said		Minya		Siwa		Alex (A)		Port Said		Minya		Siwa	
DATE	18-5		18-5		18-5		18-5		19-5		19-5		19-5		19-5		19		19-5		19-5	
TIME	1700		1700		1700		1700		1700		1700		1700		1700		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	100	11	50	22	300	17	40	12	40	8	350	12	40	8	[illegible]	22	90	15	50	16	150	11
600 m.	50	12	50	8	[illegible]	15	10	12	30	11	360	13	150	7	100	12	80	11	30	10	140	23
1000 m.	60	12	30	11	310	12	20	9	200	7	360	15	140	8	220	5	360	17	360	6	150	13
1500 m.			30	7	330	7	140	4	340	[illegible]	20	10	160	12	300	9	10	14	340	11	290	11
2100 m.			[illegible]	5	[illegible]	17	240	5	240	3	320	7	170	14	120	5	350	15	330	12	330	15
2400 m			[illegible]	3	360	14	[illegible]	7	340	1			170	4	10	4	20	1	340	9	220	10
3000 m.					320	11	30	[illegible]	320	[illegible]			340	11	140	5	40	7	260	19	250	17
4000 m.													280	10					290	24		
5000 m																						
6000 m.																						

STATION	Mallawi		Cairo (A)		Luxor		Aswan		Port Said		Minya		Siwa		Alex (A)		Port Said		Minya		Siwa	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		20-5		20-5		20-5		20-5		20-5		20-5		20-5	
TIME	2300		2300		[illegible]		[illegible]		[illegible]		2300		2300		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	70	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	130	19	70	21	30	4	140	19
600 m	70	13	[illegible]	12	[illegible]	[illegible]	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140	1	70	25	320	6	150	29
1000 m	70	15	10	14	340	8	[illegible]	[illegible]	[illegible]	16	1	14	160	20	140	9	90	19	330	4	150	21
1500 m	60	14	40	1	210	8	[illegible]	[illegible]	[illegible]	22	350	[illegible]	180	13			80	19	230	5	160	17
2100 m.	80	14	22	8	[illegible]	1	210	8	[illegible]	17			230	14			80	8				
2400 m	90	15	20	4	210	2	220	[illegible]	[illegible]	17			240	18			70	25				
3000 m	100	15	350	4	220	7	240	12					260	22								
4000 m.													300	24								
5000 m.													290	30								
6000 m.																						

STATION	Mallawi		Cairo (A)		Luxor		Sallum		Minya		Sallum		Siwa		Luxor		Dakhla		Kharga		Kharghada	
DATE	20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	50	22	170	20	[illegible]	2	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140	11	320	5	180	18	350	1	360	11
600 m.	60	18	[illegible]	[illegible]	40	7	[illegible]	[illegible]	[illegible]	1	140	11	170	22	320	5	180	14	180	7	330	11
1000 m	[illegible]	[illegible]	[illegible]	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	180	15	140	30	[illegible]	9	170	15	180	1	300	11
1500 m.			[illegible]		[illegible]		[illegible]		[illegible]	4	20	17	[illegible]	25	210	10	170	13	300	10		
2100 m			[illegible]	7	[illegible]	33	[illegible]	27	[illegible]		[illegible]	2	[illegible]	[illegible]	280	12			310	17		
2400 m.			200	11	[illegible]	5	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			300	12		
3000 m			[illegible]	12	[illegible]	21							[illegible]	25								
4000 m																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR	WIND SPEED	ALT m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb.																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 20th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues to rise. Hot weather during day all over the Republic. Some high and medium clouds over Lower Egypt and Cairo, increasing at times on the coast in the west with chance for light rain. Moderate E/NE ly winds, fresh at times. In Upper Egypt: Patches of high clouds. Light NE ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 59 U.T. / Sunset 16 44 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
62300	SALLOÛM	220	15	18	02		8	AC	11.3	32	9	24
303	SÎDI BARRÂNI	220	20	16	02	2	7	AC,AS	10.8	34	4	15
306	MATRÛH (A)	70	12	16	03	2	8	CS	12.9	30	11	31
309	EL DAB'AA	40	15	20	00	0	6	CC	[illegible]	24	10	41
319	ALEXANDRIA	40	10	20	03	0	4	Sc,CS	15.0	25	15	54
318	ALEXANDRIA (A)	20	10	12	02	0	4	ci	14.7	31	14	36
330	DAMIETTA	110	2	20	00	0	0	—	15.8	25	10	39
333	PORT SA'ÎD (A)	50	10	20	02	0	1	ci	15.5	24	14	54
336	EL 'ARISH											
339	DAMANHÛR	330	2	20	02	0	1	ci	15.2	29	12	35
342	MANSÛRA	40	3		02	0	0	—	14.6	31	12	31
348	TANTA	360	4	20	02	0	0	—	[illegible]	30	10	29
360	SHEBÎN EL KÔM	250	5	20	00	0	0	—	14.7	30	5	21
354	ZAGAZIG	320	1	20	02	0	0	—	[illegible]	30	11	31
441	ISMA'ILÎA											
366	CAIRO (A)	340	6	28	02	0	2	ci	13.7	30	3	18
372	CAIRO ALMÂZA (A)	330	4	25	03	0	1	CS	13.6	30	4	19
374	CAIRO EZBEKÎYA											
375	GIZA	50	7	10	03	0	1	ci	[illegible]	31	7	22
378	HELWÂN	90	2	10	02	1	3	ci	13.4	31	-1	12
381	FAYOÛM	40	4	20	03	1	3	AC	13.4	32	7	21
387	MINYA (A)	360	9	10	03	1	3	ci	12.6	32	[illegible]	16
393	ASYOÛT (A)	360	8	16	02	0	1	ci	12.4	32	-3	10
399	NAG' HAMÂDI	00	0	10	02	0	4	AS	12.0	34		
402	QENA	270	2	20	00	0	0	—	11.8	35		
405	LUXOR (A)	350	3	22	02	0	1	ci	11.6	34	2	13
414	ASWÂN	360	9	16	01	0	1	ci	10.5	35	-6	7
417	SÎWA	230	15	16	02	1	5	AC,CS	11.7	35	5	15
420	BAHARÎYA	90	2	20	03	2	4	AC	13.6	32	11	28
423	FARAFRA	90	2	20	03	0	3	ci	13.2	34	2	13
432	DAKHLA	340	4	24	01	0	3	ci	13.0	34	-7	7
435	KHARGA	40	6	10	01	0	2	ci	10.6	34	6	18
450	SUEZ	00	0	50	02	0	0	—	13.6	30	5	21
459	TÔR											
462	HURGHÂDA	360	12	22	03	0	1	ci	12.0	26	15	51
465	QUSEIR	360	12	20	02	0	3	ci	12.9	27	16	52
641	PORT SÛDÂN	20	16	10	07	0	3	ci	9.1	31	26	74
600	WÂDI HALFA	20	13	20	02	0	1	ci	9.3	38	1	12
640	ABU HAMAD	20	5	22	02	0	1	AC,ci	5.7	41	7	13
660	KAREIMA	90	3	21	02	0	1	AC,ci	5.5	41	11	17
680	'ATBARA	20	6	20	01	2	3	Cu,ci	3.6	42	1	8
721	KHARTOÛM	70	7	25	03	2	7	Cu,AC,CS	3.5	39	13	21
730	KASSALA	180	3	20	02	1	4	Cu,ci	2.9	39	16	26
751	WÂD MEDANI	310	5	20	02	2	7	Cu,AC	4.1	39	11	18
801	RENK	180	5	20	02	1	7	Sc	9.9	33	20	47
802	ROSEIRES	230	5	20	02	2	8	ci	7.0	32	17	41
771	EL OBEID	50	8	20	15	2	7	Cb,AC,AS	5.1	35	15	30
760	EL FASHER	40	9	45	03	2	7	Cu,AC,CS	4.3	39	6	13
770	GENEINA	180	4	50	03	1	4	Cu,ci	6.5	36	9	19
840	MALAKÂL											
880	WÂU											
941	JUBA	220	7	8	95	9	7	Cb,AS	10.8	31	20	94

At 1800 on 19th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms
62300	SALLOÛM	300	22	12	02	2	3	Sc,AC	11.2	22	12	33	+6	53	dr
303	SÎDI BARRÂNI	60	10	14	02	2	8	AC,AS	11.4	22	11	34		50	0
306	MATRÛH (A)	100	9	15	01	1	3	AC	11.7	22	14	33		61	0
309	EL DAB'AA	40	10	20	00	0	6	AC	[illegible]	22	15	31		65	0
319	ALEXANDRIA	40	14	20	01	0	0	—	14.2	23	15	29	+3	61	0
318	ALEXANDRIA (A)	60	8	12	01	2	5	CC	13.8	22	14	31	+4	61	0
330	DAMIETTA	90	5		03	0	3	AC	15.0	22	14	26	-1	61	0
333	PORT SA'ÎD (A)	50	13	18	01	2	6	CS	14.8	21	16	25	-1	74	0
336	EL 'ARISH														
339	DAMANHÛR	160	2	10	01	1	2	ci	14.4	22	13	32	+1	57	0
342	MANSÛRA	20	3		02	0	0	—	14.7	22	12	31	-1	53	0
348	TANTA	90	7	20	03	2	7	AS	14.7	24	11	31	-2	44	0
360	SHEBÎN EL KÔM	40	2	10	01	1	0	—	14.0	23	10	31		44	0
354	ZAGAZIG	00	0	10	02	0	0	—		23	15	31	-1	61	0
441	ISMA'ILÎA														
366	CAIRO (A)	30	14	16	03	1	6	CC	13.4	25	4	32		26	0
372	CAIRO ALMÂZA (A)	30	15	15	02	2	5	ci	13.4	25	5	32	-1	28	0
374	CAIRO EZBEKÎYA											33	0		
375	GIZA	100	10	10	01	1	3		[illegible]	25	6	32	-1	30	0
378	HELWÂN	90	15	10	02	2	7	ci	13.3	26	1	31	-2	20	0
381	FAYOÛM	40	4	20	01	0	1	AC	12.2	27	8	33	-1	30	0
387	MINYA (A)	340	4	8	01	0	1	ci	11.7	24	6	33	-3	32	0
393	ASYOÛT (A)	300	4	12	01	0	1	ci	11.7	26	5	34	-3	27	0
399	NAG' HAMÂDI	00	0		01	0	2	AC	11.4	26	10	36	-1	37	0
402	QENA	270	2		00	0	0	—	10.4	28		36	-3		0
405	LUXOR (A)	280	2	12	02	0	0	—	9.9	28	6	37		25	0
414	ASWÂN	330	4	10	01	0	2	ci	9.6	32	-5	36	-3	9	0
417	SÎWA	140	8	14	03	1	2	AC,ci	9.5	30	-5	36	+1	10	0
420	BAHARÎYA	130	2	20	02	1	2		11.5	30	8	34	-1	25	0
423	FARAFRA	70	3	12	00	0	0	—	11.8	26	0	35		18	0
432	DAKHLA	140	4	15	01	0	1	ci	12.3	30	-8	35	-3	8	0
435	KHARGA	00	0	8	02	0	0	—	10.0	26	8	35	-3	32	0
450	SUEZ	330	3	10	03	0	3	Cu	12.8	26	10	30	-3	37	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	350	4	20	01	0	0	—	11.1	24	19	28	-3	74	0
641	PORT SÛDÂN	340	10	20	01	0	1	ci	9.8	28	22	33		70	0
600	WÂDI HALFA	30	8	20	02	0	1	ci			2	38			0
640	ABU HAMAD	360	5	24	01	1	1	ci	7.0	35	3	41		13	0
660	KAREIMA	50	8	21	02	0	0	—	6.0	37	12	42		22	0
680	'ATBARA	20	8	20	01	2	4	CS	4.6	36	7	43		17	0
721	KHARTOÛM	10	3	20	01	2	4	AC,ci	4.6	35	12	41		25	0
730	KASSALA	00	0	20	13	2	4	Cb,AC,ci	4.4	33	15	41		34	0
751	WÂD MEDANI	200	12	20	13	2	7	Cb,AC,CS	5.1	35	16	41		32	0
801	RENK											35			
802	ROSEIRES											33			
771	EL OBEID	220	16	18	07	2	5	Sc,AC,ci	7.9	27	17	36		55	0
760	EL FASHER	40	4	30	13	2	7	Cb,CS	3.6	35	13	40		27	0
770	GENEINA	00	0	30	03	1	5	AC	5.2	34	11	38		25	0
840	MALAKÂL	340	2	20	02		7	AC,AS	9.8	23	22	30		94	2
880	WÂU	00	0	20	13	2	7	Cb,CS	8.1	28	22	35		70	0
941	JUBA	180	2	20	13	9	7	Cb,AC,ci	10.4	24	22	32		89	7

At 0600 on MONDAY 20th MAY, 1957

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	100	7	18	02	2	5	Sc,CS	9.1	-3.9	23	16	19	+2	65	dr	258	
	303	SÎDI BARRÂNI	110	18	18	00	0	5	ci	9.1		22	13	17		57	0	254	
	306	MATRÛH (A)	100	16	16	03	1	5	ci	10.5	-3.4	23	10	17		44	0	265	
	309	EL DAB'AA	90	14	10	00	0	3	ci	11.6		20	11	15		56	0	203	
	319	ALEXANDRIA	130	12	10	03	0	2	ci	[illegible]	[illegible]	22	11	17	-1	50	0	283	185
	318	ALEXANDRIA (A)	120	12	16	02	0	3	ci	12.5	-0.6	23	13	16	-1	53	0	255	138
	330	DAMIETTA	90	5	4	02	1	3	AC	13.8	+0.6	22	17	17	-1	74	0	238	105
	333	PORT SA'ÎD (A)	90	13	14	01	0	0	—	13.6	+0.5	23	17	18	-2	69	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	90	5	10	00	0	1	ci	13.1	-0.6	22	15	15	-1	65	0	140	100
	342	MANSÛRA	90	3	3	00	0	0	—	13.4	+0.1	22	16	15	-1	69	0	73	54
	348	TANTA	130	14	20	02	0	0	—	13.8	+0.1	20	15	15	0	73	0	79	42
	360	SHEBÎN EL KÔM	40	2	10	01	1	1	Cu	13.1	-0.5	22	11	15		80	0	58	
	354	ZAGAZIG	360	1	10	02	0	0	—	11.9	-1.7	21	14	16	0	65	0	53	27
	441	ISMA'ILÎA																	
CAIRO AREA	366	CAIRO (A)	50	12	18	01	0	0	—	12.2		26	-6	18		12	0	55	
	372	CAIRO ALMÂZA (A)	40	12	15	02	0	2	ci	12.0	-0.9	26	2	18	0	21	0	60	
	374	CAIRO EZBEKÎYA										26	8	18	+1	32	0	43	25
	375	GIZA	90	1	8	02		1	ci	[illegible]	[illegible]	28	9	13	-2	36	0	58	26
	378	HELWÂN	70	2	10	02	1	1	ci	12.2	-0.7	27	-16	19	+1	5	0	36	29
UPPER EGYPT	381	FAYOÛM	00	0	20	01	0	1	AC	12.6	-0.3	25	5	15	-2	28	0	16	8
	387	MINYA (A)	30	2	8	02	0	0	—	11.9	-0.8	26	4	14	-3	25	0	2	
	393	ASYOÛT (A)	00	0	14	02	0	0	—	11.8	-0.2	25	3	20	0	24	0	dr.	
	399	NAG' HAMÂDI	00	0	4	01	0	2	AC	12.0	+1.3	23	10	16	-3	44	0	1	
	402	QENA	360	0	10	00	5	0	—	11.6	+1.2	27		16	-5		0	dr.	
	405	LUXOR (A)	00	0	22	02	0	0	—	11.2	+0.9	28	0	18		16	0	0	
	414	ASWÂN	00	0	14	02	0	0	—	10.9	+0.4	30	0	20	-4	14	0	8	
OASES	417	SÎWA	100	7	16	03	1	7	AS	8.3	-5.9	24	-1	18	+1	19	0	24	8
	420	BAHARÎYA	130	3	20	02	0	0	—	11.4	-1.9	24	8	18	+1	36	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	11.6		25	1	17		21	0	dr.	
	432	DAKHLA	140	4	18	02	0	0	—	12.7	+0.7	26	-7	18	-2	11	0	1	
	435	KHARGA	00	0	10	02	0	0	—	10.2	-0.8	28	8	17	-5	29	0	3	
RED SEA	450	SUEZ	60	2	20	00	0	3	Cu	12.7	+0.3	19	14	13	-6	73	0	42	17
	459	TÔR																	13
	462	HURGHÂDA	310	11	20	00	0	0	—	11.0	+0.7	27	3	16	-5	22	0	dr.	
	465	QUSEIR	340	9	20	01	0	0	—	11.1	+0.7	27	19	22	-2	62	0	dr.	4
	641	PORT SÛDÂN	360	7	20	02	1	4	ci	9.9		32	9	21		24	0		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	03	1	3	AC	10.3		29	5	22		22	0		
	640	ABU HAMAD	360	9	22	01	1	1	AC	9.2		33	-2	27		10	0		
	660	KAREIMA	120	4	21	01	2	2	AC	9.3		33	9	28		23	0		
	680	'ATBARA	70	6	20	01	1	4	AC,CS	8.1		35	-1	28		10	0		
	721	KHARTOÛM	230	7	20	02	2	7	AC,CS	8.4		31	19	28		49	0		
	730	KASSALA	200	1	20	02	2	7	AC,CS	9.6		29	17	26		49	0		
CENTRAL SUDAN	751	WÂD MEDANI	180	9	20	02	2	7	AC,AS	10.7		28	17	26		52	dr		
	801	RENK	130	2	20	02	0	4	AC	11.4		28	19	24		58	0		
	802	ROSEIRES	130	5	20	02	1	4	AC	10.0		28	19	24		58	0		
	771	EL OBEID	180	4	20	01	2	5	Sc,AC	7.7		27	20	24		66	0		
	760	EL FASHER	250	5	30	02	2	7	AC,AS	10.0		26	18	23		62	2		
	770	GENEINA	200	7	50	03	1	6	AC,CS	11.5		27	17	25		55	0		
S. SÛDÂN	840	MALAKÂL	170	5	20	02	2	7	AC,CS	11.4		25	23	21		89	2		
	880	WÂU	200	6	20	01	2	6	AC,AS	10.2		26	21	23		74	0		
	941	JUBA	180	5	24	02	1	5	AC	11.5		23	21	21		89	7		

SHIP REPORTS in code

1200:

132	57	352	12	134	16	98020	122	26	16540	36738			
132	98	351	12	233	16	98020	096	25	10641	35712			
132	66	346	12	134	11	98020	121	25	10742	75400			
133	23	306	12	211	08	97021	026	23	21510	77444			
133	17	313	12	309	07	99020	161	21	23445	66706			
133	29	280	12	716	18	98022	140	20	25570	26108			

1800:

133	23	298	18	513	16	98022	140	20	215	70	26306	000	65
132	78	337	18	134	09	98020	102	25	107	03	75705	004	13
132	65	350	18	434	07	78020	06	225	405	5X	35400	051	24

*9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m.					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
2400 m.					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
3000 m.					[illegible]	[illegible]			[illegible]	[illegible]					[illegible]	[illegible]					[illegible]	[illegible]
4000 m.																						
5000 m.																						
6000 m.																						

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
2400 m.			[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]				
3000 m			[illegible]	[illegible]													[illegible]	[illegible]				
4000 m.			[illegible]	[illegible]																		
5000 m.																						
6000 m.																						

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m.	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		
2400 m.	[illegible]	[illegible]													[illegible]	[illegible]			[illegible]	[illegible]		
3000 m.																						
4000 m.																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 21st MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than ½ m on land or 10 m. on sea	
12	Continuous shallow fog less than ½ m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot weather. E/SE ly winds. Medium clouds increasing at times over Lower and Middle Egypt, accompanied with rain in scattered places in the north, specially on west coast. Temperature begins to fall gradually in the evening. In Upper Egypt: Weather is too hot with light N ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 58 U.T. / Sunset 16 45 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 20th.

Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
62300	SALLOÛM	360	14	18	02	2	8	Ac, cs	7.0	24	16	61
303	SÎDI BARRÂNI	80	21	18	02	2	6	Ac, ci	7.0	25	18	65
306	MATRÛH (A)	80	22	16	02	2	7	cs	8.9	27	12	40
309	EL DABAA	40	16	20	00	0	5	cs	8.2	28	13	40
319	ALEXANDRIA											
318	ALEXANDRIA (A)	120	6	16	02	2	5	ci	10.3	33	11	26
330	DAMIETTA	40	5	20	02	1	0	—	12.8	24	14	54
333	PORT SAÎD (A)	50	15	20	02	0	2	ci	12.5	23	16	65
336	EL ARISH											
339	DAMANHÛR											
342	MANSÛRA	40	3		01	0	3		11.8	30	11	31
348	TANTA	90	10	20	03	2	6		11.2	31	8	24
360	SHEBÎN EL KÔM	140	5	20	01	1	1	ci	11.9	30	1	16
354	ZAGAZIG											
441	ISMA'ILIA											
366	CAIRO (A)	20	10	20	03	0	6	cs	10.3	32	-10	6
372	CAIRO ALMÂZA (A)	40	10	25	03	2	6	CS	10.2	33	-4	9
374	CAIRO EZBEKÎYA											
375	GIZA	90	6	10	03	1	5	ci	10.8	33	2	14
378	HELWÂN	70	4	20	02	2	6	ci	10.5	33	-9	23
381	FAYOÛM	00	0	20	03	2	5	Ac	10.2	34	3	14
387	MINYA (A)	360	4	10	02	2	4	ci	10.1	35	3	13
393	ASYOÛT (A)	00	0	16	03	0	1	ci	8.8	35	-7	7
399	NAG HAMÂDI	00	0	10	01	0	3	Ac	9.1	37	-10	5
402	QENA	290	4	20	00	0	0	—	9.3	37	-16	
405	LUXOR (A)	300	10	22	02	0	0	—	8.4	37	6	14
414	ASWÂN	360	10	6	02	0	0	—	7.7	38	-6	6
417	SÎWA	180	14	7	17	2	8	NS, Ac	5.5	35	-4	8
420	BAHARÎYA	130	6	20	02	2	7	Ac	9.5	30	13	35
423	FARAFRA											
432	DAKHLA	200	8	22	03	0	1	ci	9.1	39	3	11
435	KHARGA	180	4	8	02	0	0	—	6.4	38	5	13
450	SUEZ											
459	TÔR											
462	HURGHÂDA											
465	QUSEIR	350	11	20	03	0	1	ci	9.4	29	16	46
641	PORT SÛDÂN	50	12	20	02	0	2	Ac, ci	7.2	32	22	56
600	WÂDI HALFA	00	0	10	01	0	0	—	6.5	39	5	12
640	ABU HAMAD	310	9	24	02	0	1	Ac	4.5	41	3	10
660	KAREIMA	50	2	21	02	0	1	Ac	4.8	42	4	10
680	'ATBARA	340	5	20	02	0	1	Ac	4.0	43	2	8
721	KHARTOÛM	120	8	20	01	2	3	cb, Ac	3.7	39	14	23
730	KASSALA	310	1	20	01	2	4	cu, Ac, ci	3.1	39	12	20
751	WÂD MEDANI	230	6	20	03	2	7	cu, Ac	5.0	36	15	29
801	RENK	130	8	20	02	1	5	cs	6.6	38	17	29
802	ROSEIRES											
771	EL OBEID											
760	EL FASHER	110	4	30	02	3	7	Ac	5.7	35	13	27
770	GENEINA	210	5	20	03	1	6	Sc, ci	4.3	37	15	27
840	MALAKÂL											
880	WÂU											
941	JUBA											

At 1800 on 20th.

Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	330	4	8	50	5	8	Sc, Ac	8.9	20	16	27	0	78	0.4
303	SÎDI BARRÂNI	250	16	11	01	6	8	As	8.9	21	16	32		74	0.4
306	MATRÛH (A)	150	8	12	02	2	8	Ac	8.9	24	14	30		54	0
309	EL DABAA	90	8	20	00	0	5	cu	7.4	23	18	29		74	0
319	ALEXANDRIA	30	8	20	03	1	7	cs	9.6	26	10	32	+6	37	0
318	ALEXANDRIA (A)	110	14	12	02	2	8	Ac	9.0	26	11	34	+7	40	0
330	DAMIETTA	40	5	4	03	1	0	—	11.0	22	16	25	-2	69	0
333	PORT SAÎD (A)	80	14	8	01	1	2	ci	11.0	22	16	25	-1	69	0
336	EL ARISH														
339	DAMANHÛR	160	2		02	1	7	As	10.4	24	12	33	+2	47	0
342	MANSÛRA	20	3		00	0	0	—	10.7	23	12	31	-1	50	0
348	TANTA	90	7	20	03	2	8	As	11.0	24	10	32	-1	41	0
360	SHEBÎN EL KÔM	140	5	10	01	1	2	Sc	10.6	24	9	31		38	0
354	ZAGAZIG	20	0	10	02	0	0	—	9.3	20	15	31	-2	73	0
441	ISMA'ILIA														
366	CAIRO (A)	40	11	12	01	2	3	ci	9.2	27	0	34		17	0
372	CAIRO ALMÂZA (A)	40	16	15	01	2	5	Ac, ci	9.5	27	3	34	0	22	0
374	CAIRO EZBEKÎYA											35	+2		
375	GIZA	90	13	10	01	0	1	ci	9.4	27	5	34	+1	39	0
378	HELWÂN	90	10	4	02	2	8	ci	9.5	28	5	34	+1	23	0
381	FAYOÛM	360	4	20	01	0	0	—	9.2	28	4	35	+1	22	0
387	MINYA (A)	00	0	8	01	2	4	ci	8.5	28	8	36	0	29	0
393	ASYOÛT (A)	00	0	10	01	1	2	ci	8.4	30	3	37	0	18	0
399	NAG HAMÂDI	00	0	4	20	0	0	—	8.6	27	13	37	0	42	0
402	QENA	00	0		00	0	0	—	8.3	29		38	-1		
405	LUXOR (A)	00	0	12	02	0	0	—	7.5	30	8	39		25	0
414	ASWÂN	360	4	10	02	0	0	—	7.0	34	0	38	-2	12	0
417	SÎWA	30	3	11	01	6	4	NS, As	6.4	25	16	36	+1	58	dr
420	BAHARÎYA	110	9	20	02	2	7	Ac	5.2	32	9	37	+2	24	0
423	FARAFRA	270	8	10	02	2	8	cs	8.8	31	7	40		22	0
432	DAKHLA	320	30	0	35	0	9		10.4	31	7	41	+3	22	0
435	KHARGA	00	0	5	06	0	0	—	6.0	30	6	39		22	0
450	SUEZ	330	3	10	02	0	3	cu	9.3	29	9	35	+2	29	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	360	5	20	01	0	0	—	8.7	25	13	29	-2	48	0
641	PORT SÛDÂN	340	5	20	02	0	1	Ac	8.4	38	22	35		40	0
600	WÂDI HALFA	50	5	20	02	0	0	—	6.4	35	7	41		18	0
640	ABU HAMAD	360	9	24	02	0	1	Ac	5.5	34	5	41		16	0
660	KAREIMA	00	0	21	01	0	0	—	4.3	36	2	42		12	0
680	'ATBARA	10	7	20	01	0	0	—	3.6	36	3	43		13	0
721	KHARTOÛM	00	0	20	01	2	3	Ac	3.4	37	14	41		25	0
730	KASSALA	00	0	20	02	0	1	Ac	3.5	33	14	40		32	0
751	WÂD MEDANI	00	0	20	13	2	7	Ac, cs	4.6	33	15	37		34	0
801	RENK														
802	ROSEIRES														
771	EL OBEID	00	0	20	17	8	7	cb, Ac, cs	4.7	31	19	38		49	dr
760	EL FASHER	170	4	50	02	2	7	Ac	5.9	30	16	36		43	0
770	GENEINA	250	8	50	14	2	6	Cb, Ac, ci	7.5	30	14	37		38	0
840	MALAKÂL	300	5	20	13	2	7	Cu, Ac, cs	7.7	32	21	34		52	0
880	WÂU	00	0	15	45	9	8	cb, Ac	10.2	24	22	35		89	8
941	JUBA	00	0	24	13	2	7	cb, Ac, ci	6.9	28	23	33		84	0

At 0600 on TUESDAY 21th., MAY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather w	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	2	6	Ac	7.5	-5.5	21	18	19	+2	83	1	259	
	303	SÎDI BARRÂNI	10	11	14	00	0	8	Sc	7.4		20	19	19		94	2	256	
	306	MATRÛH (A)	90	10	18	02	2	5	Ac	7.4		23	17	18		69	1	266	
	309	EL DABAA	130	6	10	00	0	5	Cu	6.6		21	16	19		74	2	205	
	319	ALEXANDRIA	40	6	19	60	6	7	cb, Ac	[illegible]	-6.7	22	13	20	+2	57	0.1	283	
	318	ALEXANDRIA (A)	70	9	10	60	6	7	Ac	8.2	-4.9	22	16	20	+3	69	dr	255	185
	330	DAMIETTA	70	5	4	03	2	7	NS	10.4	-2.8	23		19	+1		0	238	105
	333	PORT SAÎD (A)	90	16	14	02	1	3	Ac	9.9	-3.1	24	18	20	-1	69	0		79
	336	EL ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	2	4	01	6	6	cu, Sc	8.6	-5.0	21	16	18	+2	74	dr	140	101
	342	MANSÛRA	90	10	3	03	1	8	Ac	8.0	-5.3	23	16	19	+3	65	0	73	54
	348	TANTA	90	10	20	03	2	7	As	8.7	-5.0	21	16	17	+2	74	0	79	43
	360	SHEBÎN EL KÔM	40	2	10	01	1	3	Cu	8.3	-5.3	24	12	18		47	0	58	
	354	ZAGAZIG	96	1	10	03	1	6	Cu	7.2	-6.3	23	15	17	+1	61	0	53	27
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	50	12	12	02	2	6	Ac	6.7		28	-1	21		15	0	55	
	372	CAIRO ALMÂZA (A)	50	13	12	02	1	5	Ac	7.1	-5.7	28	4	21	+3	22	0	60	
	374	CAIRO EZBEKÎYA										26	9	20	+2	35	0	43	26
	375	GIZA	50	3	8	03		5	Ac	7.6	-5.4	25	10	18	+3	39	0	58	26
	378	HELWÂN	00	0	16	02	1	5	Ac	7.2	-5.7	22	10	18	0	47	0	36	29
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	7.2	-5.6	28	12	18	0	37	0	16	8
	387	MINYA (A)	150	2	7	02	0	0	—	7.2	-5.5	26	9	17	0	35	0	2	
	393	ASYOÛT (A)	90	3	10	02	0	6	cs	6.9	-5.1	28	3	22	+2	20	0	dr.	
	399	NAG HAMÂDI	00	0	4	01	0	3	Ac	7.8	-2.4	25		19	0			1	
	402	QENA	00	0	10	00	0	0	—	8.2	-2.2	29		21	0		0	dr	
	405	LUXOR (A)	00	0	15	02	0	0	—	7.6	27	29	7	26		25	0	0	
	414	ASWÂN	00	0	10	02	0	0	—	7.7	28	33	5	22	-2	17	0	8	
OASES	417	SÎWA	330	8	14	21	6	7	NS	6.4	-7.8	21	18	19	+2	83	0.5	24	8
	420	BAHARÎYA	320	4	50	09	0	0	—	6.7	-6.6	25	11	20	+2	42	dr	2	7
	423	FARAFRA	360	2	15	29	1	8	Ac	7.7		25	8	20		34	0	dr	
	432	DAKHLA	110	7	2	06	6	8	Ac	9.2	-2.8	26	14	22	+2	48	dr	1	
	435	KHARGA	00	0	5	06	4	0	—	6.0	-4.9	30	14	23	+1	38	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	0	—	7.9	4.5	25	5	17	-2	28	0	42	17
	459	TÔR																	
	462	HURGHÂDA	100	1	22	00	0	0	—	7.9	-2.3	31	4	17	-4	18	0	dr	
	465	QUSEIR	300	4	20	02	0	0	—	8.7	-1.6	32	0	22	-2	13	0	dr	4
	641	PORT SÛDÂN	340	2	20	01	1	1	Ac	8.3		33	12	20		28	0		
NORTH SUDAN	600	WÂDI HALFA	150	11	24	02	0	0	—	6.6		32	1	24		14	0		
	640	ABU HAMAD	70	5	24	02	0	1	Ac	7.2		33	6	25		19	0		
	660	KAREIMA	100	2	21	01	0	1	Ac	6.7		32	7	25		21	0		
	680	'ATBARA	70	7	20	02	0	1	Ac, ci	5.8		36	-2	26		9	0		
	721	KHARTOÛM	110	7	22	02	2	7	Ac, cs	6.3		35	4	28		14	0		
	730	KASSALA	170	7	20	01	2	2	Ac, ci	6.8		32	17	27		41	0		
CENTRAL SUDAN	751	WÂD MEDANI	250	11	20	02	2	7	Ac, cs	7.5		32	18	27		43	0		
	801	RENK	230	5	20	02	1	7	Sc	9.9		26	22			79	0		
	802	ROSEIRES																	
	771	EL OBEID	230	14	20	02	2	7	Ac, cs	8.1		28	18	25		55	dr		
	760	EL FASHER	00	0	50	02	2	7	Ac, cs	8.6		27	7	23		28	0		
	770	GENEINA	270	6	50	02	2	7	Ac	11.2		25	16	24		58	0		
S. SÛDÂN	840	MALAKÂL	360	6	20	02	2	7	cb, Ac, cs	10.5		27	23	24		79	0		
	880	WÂU	270	3	20	02	2	8	cs	10.2		24	21	23		84	15		
	941	JUBA	280	2	24	60	9	7	St, Ac	12.8		22	22			97	0		

Coded groups (1200):
233 41 25812 7 0511 98 031 12021 50884
264 02 00318 1 0622
22325 29912 30911 98110 13 024 36200
76608 00718 14933

Coded groups (1800):
233 35 272 18 8111 3 97022 08 368 2262X 76620 0 0063
23333 282 18 8111 1 97022 099 22 8554X 765 03 00417
23333 275 18 8111 7 98022 092 20 654X 267 02 00315

SHIPS REPORTS IN code:
33285 331 06 027 09 98020 080 74 009 00 360 39 00361 127X 0
33820 312 06 810 15 98022 088 21 355 3X 362 12 00218

*9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallloum		Matruh		Luxor		Alex (A)		P. Said		Asyout		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	6	300	26	280	4	230	18	210	6	250	9	280	16	290	16	260	17	360	40	60	11
600 m.	340	14	300	30	280	4	240	23	220	28	230	12	290	19	290	17	260	15	350	30	20	8
1000 m.	310	9	320	35	280	3	250	23	240	33	220	9	300	17	300	17	260	16	350	23	290	8
1500 m.	310	13			300	3	260	30	240	32			320	17			220	16			300	11
2100 m.	310	14					270	31	240	16			290	19			190	29			300	10
2400 m.							280	28	240	27			260	17			200	29			280	14
3000 m.																					270	28
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Luxor		Alex (A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	21-5		21-5		21-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	9	240	12	50	5	320	18	300	14	350	20	260	6	350	5	290	17	340	6	200	10
600 m.	310	9	230	17	350	4	310	18	290	11	30	22	220	9	320	15	260	19	340	6	220	10
1000 m.	300	3	240	17	360	3	310	22	270	12	330	11	260	5	300	18	280	22	330	4	240	15
1500 m.	160	14	250	21	310	5	270	30	240	13	290	15	240	14	280	22	240	17	340	5	220	11
2100 m.	210	19					240	30	240	14			300	7	270	20	210	23	320	9	260	11
2400 m.	220	21							220	20			330	14	200	23	230	27			270	13
3000 m.									220	15			310	13							250	15
4000 m.													300	11							250	14
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Matruh		Luxor		Asyout		Aswan		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga	
DATE	22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5	
TIME	0500		0500		0500		0500		0500		1100		1115		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	290	10	310	8	260	10	340	15	360	8	290	9	280	9	320	5	300	7	290	20	330	4
600 m.	320	16	320	6	260	10	360	22	130	7	290	10	270	7	310	5	340	18	290	20	310	13
1000 m.	310	16	330	5	260	10	340	20	220	6	290	7	270	7	300	4	320	21	290	19	310	6
1500 m.	280	10	290	8	280	7	290	26	210	14	290	14	280	10	210	4	330	33	270	27	290	10
2100 m.					290	6			230	20			280	22	50	9	340	26				
2400 m.													270	7			310	17				
3000 m.																	250	9				
4000 m.																	260	16				
5000 m.																	230	22				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 22nd MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Mild weather, but slightly cold during night. Moderate NW'ly winds, rather fresh in the north. Moderate amounts of low clouds, increasing sometimes in the north. In Upper Egypt: Hot weather. Light N'ly winds. Patches of high clouds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 58 / Sunset 16 45

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	30	6	18	02	2	5	Sc	7.2	22	19	83			
	303	SIDI BARRANI	310	19	18	02	1	5	Ac	6.9	23	18	74			
	306	MATRUH (A)	330	13	16	01	0	0	—	6.1	24	16	61			
	309	EL DAB'AA	180	10	20	00	0	7	SS	3.7	31	10	28			
	319	ALEXANDRIA														
	318	ALEXANDRIA (A)	180	9	12	01	2	7	Ac	5.6	31	11	29			
	330	DAMIETTA	70	5	20	02	2	7	Ac	7.5	26	15	51			
	333	PORT SA'ID (A)	50	14	20	01	2	5	Ac,Cu	6.4	24	19	74			
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHUR	160	5	10	01	1	6	As	7.6	31	12	31			
	342	MANSURA	40	5		03	1	7	Ac	6.3	31	13	33			
	348	TANTA	40	8	20	03	2	8	Cu	6.0	32	14	34			
	360	SHEBIN EL KOM	40	2	20	01	1	4	Sc	6.0	31	3	17			
	354	ZAGAZIG	270	1	20	03	1	7	Cu	5.3	33	10	24			
	441	ISMA'ILIA														
CAIRO AREA	366	CAIRO (A)	160	5	15	02	2	8	Ac	4.3	36	2	12			
	372	CAIRO ALMAZA (A)														
	374	CAIRO EZBEKIYA														
	375	GIZA	290	7	10	01	2	7	Ac	4.4	33	6	19			
	378	HELWAN	220	3	10	02	2	7	As	4.4	37	3	12			
UPPER EGYPT	381	FAYOUM	240	4	20	03	1	3	Ac	4.7	37	11	20			
	387	MINYA (A)	300	2	7	02	2	3	Cu	5.6	38	9	17			
	393	ASYOUT (A)	350	5	6	02	2	7	Cu	5.0	38	3	11			
	399	NAG' HAMADI	00	0	10	01	0	2	Ac	5.9	39	10	17			
	402	QENA	290	4	20	02	2	6	Ac	6.7	37					
	405	LUXOR (A)	220	10	20	03	1	4	Ac	5.1	41	11	17			
	414	ASWAN	40	2	15	02	0	0	—	5.6	42	3	9			
OASES	417	SIWA	320	10	14	01	0	5	Cc,Ac	7.0	30	14	38			
	420	BAHARIYA	20	2		01	6	7	As	5.4	37	18	33			
	423	FARAFRA	00	0	10	05	0	5	Ac	3.0	38	12	21			
	432	DAKHLA	190	27	0.2	05	3	9		7.4	36	1	11			
	435	KHARGA														
RED SEA	450	SUEZ	180	3	50	03	0	6	Cu	6.0	32	11	28			
	459	TOR														
	462	HURGHADA														
	465	QUSEIR	360	6	20	02	0	1	As	7.2	29	18	52			
	641	PORT SUDAN	100	7	20	03	0	1		6.3	33	22	53			
NORTH SUDAN	600	WADI HALFA	230	3	20	03	0	3	Cu,Ci	3.4	40	7	11			
	640	ABU HAMAD	20	5	24	03	0	1	Ci	2.5	42	9	14			
	660	KAREIMA	230	5	20	02	1	5	CS	8.3	34	21	47			
	680	ATBARA	330	4	20	03	0	2	Ci	2.0	43	0	7			
	721	KHARTOUM	50	2	20	03	2	7	Cu,Ac	2.3	42	6	11			
	730	KASSALA	00	0	10	03	0	3	Cu,Ac	1.3	41	10	16			
CENTRAL SUDAN	751	WAD MEDANI	60	6	20	02	2	0	Cu,Ac	2.3	40	9	15			
	801	RENK														
	802	ROSEIRES	180	5	20	02	2	8	Cu	4.9	31	19	49			
	771	EL OBEID	270	10	20	02	2	6	Ac,Ci	3.3	37	14	25			
	760	EL FASHER	40	11	50	03	2	7	Cu,Ac,CS		38	15	25			
	770	GENEINA														
S. SUDAN	840	MALAKAL	300	20	5	95	9	8	NS	12.9	31	21	55			
	880	WAU	180	5	20	02	2	7	Cu,CS	8.6	30	21	59			
	941	JUBA	280	5	24	21	2	7	Sc,Cu,CS	8.7	27	23	79			
			332	49	357	12	002	02	990	20	075	72	0	0900
			322	28	372	12	002	02	980	20	070	84	00	900

At 1800 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	360	7	15	02	0	0	—	8.0	19	18	23	-4	94	0
	303	SIDI BARRANI	350	18	14	02	2	5	Sc	7.6	19	17	23		88	0
	306	MATRUH (A)	300	16	14	01	0	0	—	7.5	20	18	29		88	0
	309	EL DAB'AA	270	12	20	00	0	0	—	4.0	22	17	31		74	0
	319	ALEXANDRIA	270	12	20	01	6	2	Cu	5.1	24	18	31	+5	69	0.2
	318	ALEXANDRIA (A)	260	1	12	01	6	5	Ac	4.0	25	17	32	+5	61	dr
	330	DAMIETTA	90	2		02	2	2	Cu	5.8	27	17	27	0	55	0
	333	PORT SA'ID (A)	260	8	18	01	6	4	Ac	5.1	27	14	28	+2	45	dr
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHUR	90	2	10	01	5	3	Ac	5.5	25	17	32	+1	61	dr
	342	MANSURA	00	0		01	1	3	Ac	5.0	25	14	32	0	51	0
	348	TANTA	220	8	10	01	6	2	Cu	5.9	25	15	33	0	54	dr
	360	SHEBIN EL KOM	140	2	10	01	6	1	Sc	5.6	25	13	34		48	dr
	354	ZAGAZIG	00	0	10	01	2	0	—	5.3	22	19	36	+3	83	0
	441	ISMA'ILIA														
CAIRO AREA	366	CAIRO (A)	90	3	12	13	6	3	Sc	5.6	27	11	36		37	dr
	372	CAIRO ALMAZA (A)	90	3	12	01	6	1	As	5.4	27	11	38		37	0.2
	374	CAIRO EZBEKIYA											38	+5		
	375	GIZA	00	0	8	21	6	2	Ac	5.9	24	14	37	+4	54	dr
	378	HELWAN	00	0	10	02	9	5	Sc,Cu	5.8	27	11	37	+4	37	dr
UPPER EGYPT	381	FAYOUM	240	4	20	01	1	2	Ac	4.8	28	11	38	+3	35	0
	387	MINYA (A)	140	3	4	21	6	6	Sc	4.9	29	18	38	+2	52	8
	393	ASYOUT (A)	860	10		07	3	9		4.4	32	8	38		22	0
	399	NAG' HAMADI	00	0		01	0	1	Ac	5.9	31	12	40	+3	31	0
	402	QENA	00	0		00	1	4	Cu	4.8	31		39	0		0
	405	LUXOR (A)	00	0	12	02	2	7	Ac	4.9	36	6	42		15	0
	414	ASWAN	00	0	10	03	1	6	Sc	4.5	37	4	44	+4	13	0
OASES	417	SIWA	300	8	14	02	1	0	—	6.2	26	11	31	-4	40	1
	420	BAHARIYA	360	7	10	01	1	0	—	4.8	30	16	38	+3	43	dr
	423	FARAFRA	360	12	10	06	0	0	—	6.4	30	9	39		27	0
	432	DAKHLA	200	11	4	03	2	0	—	5.8	35	1	39	+1	12	0
	435	KHARGA	00	0	2	06	1	3	NS	5.2	32	2	40	+1	15	0
RED SEA	450	SUEZ	330	2	10	01	0	4	Cu	5.9	31	10	34	+1	28	0
	459	TOR														
	462	HURGHADA														
	465	QUSEIR	210	7	20	03	1	6		7.6	27	21	33	+2	70	0
	641	PORT SUDAN														
NORTH SUDAN	600	WADI HALFA	00	0	20	02	0	2	Sc,Cu,Ac	3.1	37	8	45		17	0
	640	ABU HAMAD	360	5	24	02	0	1	Cu	2.9	37	10	42		19	0
	660	KAREIMA	90	1	21	02	0	1	Ac	2.9	35	12	44		25	0
	680	ATBARA	00	0	20	01	0	0	—	2.4	26	7	44		30	0
	721	KHARTOUM	50	7	20	02	2	7	Ac,CS	2.3	37	12	43		22	0
	730	KASSALA	00	0	20	02	0	2	Ac	2.4	33	13	42		30	0
CENTRAL SUDAN	751	WAD MEDANI	280	14	20	13	2	6	Cb,Ac	3.9	34	17	42		36	0
	801	RENK														
	802	ROSEIRES	270	1	10	95	9	8	Cb,Ac	11.8	22	21	38		94	6
	771	EL OBEID	180	19	20	95	9	7	Cb	8.4	25	19	39		70	dr
	760	EL FASHER														
	770	GENEINA														
S. SUDAN	840	MALAKAL	200	5	18	60	9	7	Ac	10.0	21	21	3.2		97	49
	880	WAU	00	0	20	01	2	6	CS	8.6	27	23			79	0
	941	JUBA	00	0	20	61	9	8	Cb,Ac	11.4	22	21	30		94	17
			333	42	221	18	328	09	98	020	099	65	214	01	266	02
			332	62	349	18	301	02	980	20	064	78	34X	00	75X	XX

At 0600 on WEDNESDAY 22nd MAY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	2	6	Sc,Ac	9.3	-3.7	20	16	18	+1	72	0	259	
	303	SIDI BARRANI	300	9	18	00	0	6	Sc,Ac	8.8		20	14	17		69	0	256	
	306	MATRUH (A)	310	6	16	01	1	3	Sc	9.1	-4.8	20	15	16		73	0	266	
	309	EL DAB'AA	270	12	10	00	0	6	Cu	7.4		20	17	12		83	0	205	
	319	ALEXANDRIA	310	10	20	02	0	0	—	8.8	-5.0	21	16	19	+1	74	0.2	283	186
	318	ALEXANDRIA (A)	320	10	12	01	0	0	—	7.3	-5.7	22	16	19	+2	69	dr	255	1[illegible]
	330	DAMIETTA	290	5		01	2	0	—	6.8	-6.3	23	18	18	0	74	0	238	186
	333	PORT SA'ID (A)	270	14	14	02	0	0	—	6.7	-6.3	24	18	21	0	69	dr		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	030	5	10	02	1	0	—	7.8	-5.8	23	10	18	+2	0	dr	140	101
	342	MANSURA	040	5		00	0	0	—	7.1	-6.1	24	15	20	+3	57	0	78	54
	348	TANTA	270	8	20	01	1	1	Cu	8.6	-5.0	21	17	18	+2	78	dr	79	43
	360	SHEBIN EL KOM	250	2	10	00	0	0	—	8.0	-5.5	23	16	18		65	dr	58	
	354	ZAGAZIG	270	1	10	02	0	0	—	7.6	-5.9	23	18	18	+2	74	0	53	27
	441	ISMA'ILIA																	
CAIRO AREA	366	CAIRO (A)	260	6	12	02	0	0	—	8.2		22	17	20		74	dr	48	
	372	CAIRO ALMAZA (A)	280	5	12	01	0	0	—	8.0	-4.8	23	17	20		69	0.3	60	
	374	CAIRO EZBEKIYA										23	16	20	+2	65	dr	43	26
	375	GIZA	50	7	8	02		0	—	8.7	-4.3	23	17	19	+4	69	dr	58	26
	378	HELWAN	320	6	10	02	0	0	—	8.3	-4.5	22	15	20	+2	65	dr	36	29
UPPER EGYPT	381	FAYOUM	330	4	20	02	0	0	—	8.6	-4.2	26	14	21	+3	48	0	16	8
	387	MINYA (A)	300	7	8	02	0	0	—	8.2	-4.4	24	15	17	0	57	8	10	
	393	ASYOUT (A)	300	5	12	02	0	0	—	8.1	-3.8	27	10	23	+3	35	dr	dr	
	399	NAG' HAMADI	00	0	4	03	2	8	ei	7.8	-2.8	27	16	23	+4	52	0	1	
	402	QENA	240	6	10	00	0	0	—	7.0	-3.4	29		23	+2		0	dr	
	405	LUXOR (A)	200	6	15	02	0	0	—	6.1	-4.1	33	8	24		21	0	0	
	414	ASWAN	00	0	12	03	6	4	Ac	5.7	-4.7	38	7	30	+6	15	dr	8	
OASES	417	SIWA	120	4	14	02	0	0	—	9.4	-4.8	20	14	16	-1	69	1	25	8
	420	BAHARIYA	350	1	10	02	0	0	—	9.1	-4.2	24	16	19	+1	61	dr	2	7
	423	FARAFRA	350	3	15	02	0	0	—	10.1		25	9	22		36	0	dr	
	432	DAKHLA	290	9	8	02	0	0	—	10.0	-1.9	27	8	23	+3	30	0	1	
	435	KHARGA	360	4	6	02	0	0	—	6.6	-4.3	29	13	24	+2	37	0	3	
RED SEA	450	SUEZ	230	2	0.9		6	0	—	7.1	-5.3	25	17	19	0	61	3	45	17
	459	TOR																	
	462	HURGHADA	110	7	10	02	6	8	Sc,As,Cs	6.1	-4.0	27	19	22	+1	62	0.4	0.4	
	465	QUSEIR	270	1	20	02	1	2	As,Ci	5.5	-4.8	29	20	23	-1	59	0	dr	4
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA	90	7	20	04	1	7	Ac	6.9			7				0		
	640	ABU HAMAD																	
	660	KAREIMA	180	7	20	03	2	6	Ac,Cs	6.3		32	8			22	0		
	680	ATBARA	360	6	16	06	3	6	Cs	6.6			26	28		36	0		
	721	KHARTOUM	230	9	20	01	1	6	Ac,Ci	6.4		30	19			52	0		
	730	KASSALA	230	4	20	02	2	7	Cs	9.5		29	18	27		52	0		
CENTRAL SUDAN	751	WAD MEDANI	170	13	20	01	2	7	Ac,Cs	11.1		27	17	25		55	0		
	801	RENK	130	5	20	02	1	7	Sc	13.1		26	20	27		70	0		
	802	ROSEIRES	130	5	20	02	6	8	As	14.7		22	19	21		83	1		
	771	EL OBEID	220	7	20	03	1	6	Ac	8.4		24	20	21		79	16		
	760	EL FASHER	200	1	30	01	2	7	As,Ci	12.3		22	20	21		89	4		
	770	GENEINA	200	4	50	02	2	7	Sc,As	13.3		23	20	21		84	22		
S. SUDAN	840	MALAKAL	210	8	20	01	6	7	St,Acp	12.4		22	21	20		94	49		
	880	WAU	00	0	20	02	2	7	Cs	10.9		25	21	22		79	0		
	941	JUBA	180	2	24	02	2	7	St,Acp	11.4		24	21	21		84	17		
			432	72	343	06	018	05	980	20	067	78	0	0900	863	10	05	274	118	20
			433	33	259	06	328	12	980	20	094	67	2	2530	26	210	00	158	128	21
			433	26	291	06	53	109	980	21	080	20		514	30	35303	26	210	128	21

SHIPS REPORT IN CODE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Asyout		Luxor		Helwan		Kharga		Minya		[illegible]		[illegible]		Minya		Siwa	
DATE	22-5		22-5		22-5		22-5		22-5		22-5		22-5		[illegible]		[illegible]		22-5		22-5	
TIME	1700		1700		1700		1700		1700		1700		1700		[illegible]		[illegible]		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	12	350	15	350	8	300	12	[illegible]	[illegible]	350	12	[illegible]	3	[illegible]	20	[illegible]	[illegible]	50	13	120	4
600 m.	70	9	340	22	320	9	300	15	[illegible]	[illegible]	340	19	200	6	[illegible]	28	[illegible]	[illegible]	[illegible]	6	170	5
1000 m.	70	11	340	4	300	8	280	[illegible]	[illegible]	[illegible]	300	16	280	[illegible]	[illegible]	[illegible]	[illegible]	17	20	11	220	10
1500 m.			220	6	220	14	250	3	[illegible]	[illegible]	250	18	270	3	[illegible]	[illegible]	[illegible]	17	30	15	220	11
2100 m.					220	20	220	[illegible]	[illegible]	[illegible]	230	25	250	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
2400 m.					220	24	240	[illegible]	[illegible]	[illegible]	220	28	240	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
3000 m.					200	27			260	6	240	25			[illegible]	[illegible]	[illegible]	[illegible]				
4000 m											230	13										
5000 m.																						
6000 m																						

STATION	Asyout		Luxor				Helwan		Kharga		Minya		[illegible]		[illegible]		[illegible]		Luxor		Siwa	
DATE	22-5		22-5				[illegible]		23-5		23-5		23-5		[illegible]		[illegible]		[illegible]		23-5	
TIME	2300		2300				0500		0500		0500		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	300	7	330	11			[illegible]	[illegible]	[illegible]	12	[illegible]	2	320	16	30	5	[illegible]	19	240	10	290	12
600 m	260	9	340	11			100	30	[illegible]	[illegible]	[illegible]	7	[illegible]	20	[illegible]	[illegible]	[illegible]	12	230	8	300	12
1000 m.	260	9	330	10			200	12	[illegible]	[illegible]	[illegible]	[illegible]	310	21	[illegible]		150	14	220	9	310	10
1500 m	260	18	260	9			270	[illegible]	270	15	270	7	280	[illegible]			[illegible]	17	200	12	300	25
2100 m.	260	40	270	17			220	24	[illegible]	[illegible]			270	[illegible]			120	7	200	13	290	31
2400 m.	260	30	260	25			250	31	250	22							120	19			290	30
3000 m.			250	16					240	12												
4000 m.									250	12												
5000 m																						
6000 m.																						

STATION	Cairo(A)		Aswan		Asyout		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]					
DATE	23-5		23-5		23-5		23-5		23-5		23-5		23-5		[illegible]		[illegible]					
TIME	0500		0500		0530		0500		[illegible]		[illegible]		1100		1100		1100					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m	170	6	350	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3				
600 m.	220	4	290	4	110	10	[illegible]	9	290	10	[illegible]	3	280	6	[illegible]	[illegible]	[illegible]	4				
1000 m	210	3	190	4	110	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
1500 m	250	7	190	6			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	[illegible]							
2100 m.							[illegible]	[illegible]			[illegible]	[illegible]			[illegible]							
2400 m.							[illegible]	[illegible]			[illegible]	[illegible]			[illegible]							
3000 m															[illegible]							
4000 m															[illegible]							
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb																				
950 mb																				
900 mb																				
850 mb																				
800 mb																				
700 mb																				
600 mb																				
500 mb																				
400 mb																				
300 mb																				
200 mb																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 23rd MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning out no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Cloudy weather with scattered rain, accompanied at times with thunder. Moderate W/SW'ly winds veering gradually to NW'ly; freshening at times in the north. In Upper Egypt: Too hot weather. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 57 U.T. ; Sunset 16 46 U.T.

All Times are Universal Times (U.T) [Two hours slower than local time]

At 1200 on 22th.

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
Mediterranean	62300	Salloûm	30	10	18	50	5	7	cu, AS	7.6	21	17	78
	303	Sîdi Barrâni	360	11	18	02	2	7	Sc, Ac	7.9	21	16	74
	306	Matrûh (A)	200	13	16	02	2	5	cu, cs	9.1	22	16	74
	309	El Dab'aa	360	6	20	00	0	5	cs	9.0	22	13	57
	319	Alexandria	360	12	20	03	0	5	AS, CS	8.8	22	17	74
	318	Alexandria (A)	350	10	16	03	0	7	Sc, ci	8.8	24	16	61
	330	Damietta	340	5	20	00	0	0	—	7.9	24	16	61
	333	Port Sa'îd (A)	330	17	20	02	0	0	—	8.2	24	19	74
	336	El 'Arish											
Lower Egypt	339	Damanhûr	310	9	20	02	0	3	ci	8.7	27	13	42
	342	Manşûra	360	12		03	1	5	ci	7.9	30	14	38
	348	Ţanţa	310	7	20	01	1	4	ci	8.6	30	12	33
	360	Shebîn El Kôm	250	5	20	01	0	1	cu	8.2	30	8	25
	354	Zagazig	270	1	20	02	0	0	—	7.6	30	15	40
	441	Isma'ilîa											
Cairo Area	366	Cairo (A)	260	8	20	03	0	3	cs	7.0	31	14	36
	372	Cairo Almâza (A)	270	10	25	03	1	6	ci	7.0	32	10	26
	374	Cairo Ezbekîya											
	375	Giza	30	8	10	03	2	6	cu, cs	7.8	31	12	31
	378	Helwân	290	11	20	03	2	6	cu, ci	7.2	30	8	25
Upper Egypt	381	Fayoûm	290	4	20	02	0	1	Ac	7.4	32	10	26
	387	Minya (A)	10	5	10	02	0	1	cu	7.4	33	13	30
	393	Asyoûţ (A)	240	8	16	02	0	0	—	6.7	35	5	15
	399	Nag' Hamâdi	00	0	10	01	0	3	Ac	7.0	36	13	25
	402	Qena	290	4	20	00	0	0	—	6.5	37		
	405	Luxor (A)	70	14	15	02	0	0	—	5.4	39	8	15
	414	Aswân	100	10	15	03	0	4	Ac	4.3	43	6	11
Oases	417	Sîwa	220	10	15	01	1	3	ci	7.2	32	6	20
	420	Baharîya	220	4	20	02	0	0	—	8.0	32	13	32
	423	Farafra	270	2	20	02	0	0	—	8.0	34	3	14
	432	Dakhla	290	10	12	02	0	0	—	9.1	35	4	14
	435	Kharga	270	3	5	02	0	0	—	5.8	38	11	19
Red Sea	450	Suez	330	2	50	03	0	2	cu	7.2	32	16	38
	459	Tôr											
	462	Hurghâda	70	7	10	02	0	1	cu	5.4	29	21	62
	465	Quseir	50	5	20	02	0	3	Sc, cu, ci	5.6	29	25	79
	641	Port Sûdân	110	6	20	02	1	3	ci	5.7	38	22	40
North Sudan	600	Wâdi Halfa	320	6	20	01	2	5	Ac, ci	3.3	43	8	12
	640	Abu Hamad	160	5	20	02	1	4	cu, Ac	2.5	42	15	21
	660	Kareima	230	4	15	03	2	6	cs	2.7	42	11	16
	680	Aţbara	160	9	20	01	2	4	cs	2.6	39	6	13
	721	Kharţoûm	80	13	18	06	2	2	Ac, cs	4.1	38	17	29
	730	Kassala	180	5	20	02	2	7	cu, cs	4.6	37	13	24
Central Sudan	751	Wâd Medani	230	13	20	02	0	7	Ac	5.2	38	14	24
	801	Renk											
	802	Roseires	310	5	20	02	2	8	cu	6.0	31	17	42
	771	El Obeid											
	760	El Fasher											
	770	Geneina											
S. Sûdân	840	Malakâl	330	4	20	03	2	7	cb, Ac, ci	9.7	29	20	59
	880	Wâu	320	1	20	02	2	7	cu, Sc, cs	6.7	32	20	49
	941	Juba	50	1	24	02	2	7	cu, cs	7.7	30	23	66

At 1800 on 22th.

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Salloûm	10	14	16	50	5	8	Sc	9.0	18	15	23	-5	83	1
Sîdi Barrâni	360	11	16	02	5	7	Sc	8.5	19	15	22		78	dr
Matrûh (A)	70	12	12	20	6	6	Sc, Ac	8.7	19	17	24		88	0.6
El Dab'aa	40	8	20	00	0	4	Ac	8.4	20	15	22		73	0
Alexandria	40	3	20	01	1	0	—	9.6	20	17	24	-3	83	0
Alexandria (A)	40	8	12	01	2	4	ci	9.2	20	16	24	-3	78	0
Damietta	340	2	4	03	0	7	Ac	9.4	21	18	25	-2	83	0
Port Sa'îd (A)	350	14	18	01	1	1	ci	8.6	21	18	28	+2	83	0
El 'Arish														
Damanhûr			10	02	0	3	ci	8.8	21	16	27	-4	74	0
Manşûra	20	5		01	1	3	ci	9.5	23	10	30	-2	44	0
Ţanţa	310	6	20	03	2	8	cs	8.5	23	15	31	-2	61	0
Shebîn El Kôm	320	2	10	01	1	2	Sc	8.3	23	12	31		50	0
Zagazig	270	1	10	02	0	0	—	8.2	25	17	32	-1	61	0
Isma'ilîa														
Cairo (A)	360	8	12	01	2	6	ci	8.8	25	12	32		45	0
Cairo Almâza (A)	20	15	12	01	2	4	cs	8.5	26	11	33	-1	40	0
Cairo Ezbekîya											34	+1		
Giza	110	9	10	01	1	3	ci	9.0	26	15	33	0	51	0
Helwân	340	4	10	02	2	5	cs	8.3	26	10	32	-1	37	0
Fayoûm	290	4	20	02	0	1	Ac	8.2	27		34	-1		0
Minya (A)	00	0	8	02	0	1	ci	7.1	25	16	34	-2	58	0
Asyoûţ (A)	00	0	10	02	0	0	—	6.9	30	8	36	-1	25	0
Nag' Hamâdi	00	0	4	01	0		Ac	6.8	28	13	36	-1	40	0
Qena	00	0		00	0	0	—	6.6	30		38	-1		0
Luxor (A)	330	1	12	02	0	0	—	6.5	32	7	40		21	0
Aswân	360	10	7	01	5	5	AS	4.8	36	8	44	+4	18	dr
Sîwa	220	8	10	25	6	4	NS, Ac	5.8	28	10	34	-1	33	dr
Baharîya	00	0	20	02	2	6	ci	6.5	30	13	34	-1	35	0
Farafra	00	0	12	00	0	0	—	7.3	26	1	34		20	0
Dakhla	290	9	8	02	0	0	—	9.3	31	2	37	-1	16	0
Kharga	00	0	8	02	0	0	—	5.3	32	7	39	0	21	0
Suez	330	4	10	03	0	3	cu	7.6	26	16	35	+2	55	0
Tôr														
Hurghâda														
Quseir	60	7	20	03	1	5	Sc	6.0	27	24	30	-1	84	0
Port Sûdân	00	0	20	02	0	1	Ac	5.5	30	20	38		55	0
Wâdi Halfa	20	13	13	05	1	3	Ac	6.1	35	9	44		20	0
Abu Hamad	160	2	22	03	1	7	Ac	3.3	38	13	43		22	0
Kareima	00	0	21	01	0	1	Ac	3.0	36	13	43		25	0
Aţbara	220	5	20	01	2	1	ci	3.6	37	11	42		20	0
Kharţoûm	180	7	20	01	2	4	Ac, ci	4.6	35	17	39		35	0
Kassala	00	0	20	01	1	0	—	5.1	31	15	38		38	0
Wâd Medani	230	5	20	03	2	7	Ac, cs	5.8	33	15	39		34	0
Renk	230	9	20	02	1	5	Sc	8.4	35	17			35	0
Roseires														
El Obeid	200	1	20	01	1	1	Ac	6.2	29	20	34		59	0
El Fasher	160	11	70	02	2	7	Ac, cs	5.1	31	14	35		36	0
Geneina	00	0	50	01	1	5	Ac, cs	6.2	29	19	34		55	0
Malakâl	360	3	20	02	2	7	Ac, cs	8.8	26	22	30		79	0
Wâu	00	0	20	01	2	6	Ac, cs	6.1	29	23	33		70	0
Juba	00	0	24	13	2	5	cb, cs	7.4	26	23	31		84	0

At 0600 on Thursday 23th May 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Salloûm	270	8	18	01	2	6	Sc	9.4	-3.6	19	12	15	-2	64	1	260	
Sîdi Barrâni	310	9	15	00	0	7	Cu, Ac	9.2		19	13	16		68	0.6	257	
Matrûh (A)	340	2	16	02	2	5	Cu, Ac	8.7	-5.2	20	15	15		73	4	270	
El Dab'aa	90	2	10	00	0	5	Ac	6.6		22	17	18		74	3	208	
Alexandria	130	14	20	60	6	7	Cu, Sc, Ac	7.6	-6.2	20	15	18	-1	73	0.4	284	185
Alexandria (A)	120	15	8	63	6	7	cb	7.8	-5.2	20	15	17	-1	73	1	256	138
Damietta	320	2	4	02	2	7	Cu	10.2	-2.8	22	18	18	0	78	0	238	105
Port Sa'îd (A)	300	11	14	03	0	3	Cb, Ac	9.8	-3.2	24	18	19	-2	54	0		
El 'Arish																	
Damanhûr	360	9	4	03	6	3	Ac	7.5	-6.1	21	16	17	+1	74	dr	140	101
Manşûra	360	7		00	0	0	—	8.8	-4.4	22	17	17	0	74	0	73	54
Ţanţa	310	10	20	03	2	7	As	8.3	-5.3	20	16	17	+1	78	0	79	43
Shebîn El Kôm	320	2	10	01	1	2	cu	8.6	-4.9	22	15	18		65	0	58	
Zagazig	270	1	10	03	1	6	cu	6.6	-6.8	24	15	17	+1	57	0	53	27
Isma'ilîa																	
Cairo (A)	90	12	12	01	0	1	As	6.2		30	8	20		25	0	55	
Cairo Almâza (A)	130	10	10	02	0	2	Sc, Ac	6.9	-5.8	29	12	21	+2	35	0	60	
Cairo Ezbekîya										24	14	20	+2	54	0	43	26
Giza	40	9	8	03		2	ci	7.3	-5.7	23	15	17	+2	61	0	58	26
Helwân	90	6	10	02	1	2	cs	7.0	-5.8	28	7	21	+3	27	0	36	29
Fayoûm	290	4	20	02	2	7	ST	7.4	-5.4	26	14	18	0	48	0	16	8
Minya (A)	200	4	8	03	0	2	Ac	6.9	-5.7	25	14	15	-2	51	0	10	
Asyoûţ (A)	90	4	12	03	0	1	Ac	6.8	-5.1	28	7	20	0	27	0	dr	
Nag' Hamâdi																1	
Qena	00	0	10	00	0	0	—	8.0	7.3	29	13	22	+1	37	0	dr	
Luxor (A)	00	0	22	02	0	3	Ac	7.5	-7.7	32	8	22		22	0	0	
Aswân	360	10	12	01	2	3	As	7.5	29	32	3	28	+4	16	dr	8	
Sîwa	330	14	14	02	1	0	—	10.1	-4.0	20	13	17	0	64	2	27	8
Baharîya	320	5	10	02	2	5	Ac	7.0	-6.2	23	16	20	+2	65	0	2	7
Farafra	320	5	15	03	0	1	Ac	7.8		29	-4	19		11	0	dr	
Dakhla	90	4	20	03	1	5	cu	8.0	-3.9	29	1	20	0	17	0	1	
Kharga	00	0	5	03	0	1	ci	6.0	-4.8	32	15	20	-2	36	0	3	
Suez	00	0	20	00	0	0	—	7.6	-4.7	23	16	16	-3	65	0	40	17
Tôr																	
Hurghâda																0.4	4
Quseir	330	9	20	02	2	7	ST, Ac	7.8	-2.4	27	19	24	0	62	0	dr	
Port Sûdân	00	0	20	02	0	2	Ac	5.9		35	22	26		47	0		
Wâdi Halfa	160	2	10	05	1	5	Ac	6.8		33	9	27		23	0		
Abu Hamad	360	9	22	07	0	1	Ac	5.6		36	11	30		22	0		
Kareima																	
Aţbara	320	6	20	01	2	4	Ac	6.1		35	11	22		37	0		
Kharţoûm	210	12	20	02	2	6	cb, Ac, ci	6.8		34	17	29		36	0		
Kassala																	
Wâd Medani	230	9	20	02	1	5	Ac			31	16	27		41	0		
Renk	230	2	20	02	0	3	Ac	11.1		31	19	24		49	0		
Roseires	230	5	20	02	2	3	Ac	9.2		28	19	22		58	0		
El Obeid																	
El Fasher	100	2	30	01	2	7	Ac	8.1		26	18	25		62	0		
Geneina																	
Malakâl	00	0	20	01	2	3	Ac, ci	11.4		27	21	22		70	0		
Wâu	00	0	20	03	1	3	cs	10.1		26	23	24		84	0		
Juba	00	0	24	02	2	7	Ac, cs	10.8		25	21	22		79	0		

SHIPS REPORT IN CODE

1200:
43331 279 12 3 2710 98 010 092 20 3 1400 750 02
433 20 30 612 4 3112 98 020 099 22 2 1409 352 05

1800:
433 28 2621 8 8 2910 98036 09 417 44 41X 75 303
433 24 2921 8 3 2805 99020 09 866 00 929 25 312
433 32 2581 8 7 0807 97622 10 360 77 3XX 24 400

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]	Matruh	Cairo(A)	Asyout	Alex(A)	Siwa	Asyout	Alex(A)	P Said	Minya	Siwa
DATE	23-5	23-5	23-5	23-5	23-5	23-5	23-5	23-5	23-5	23-5	23-5
TIME	[illegible]	[illegible]	[illegible]	1700	1700	1700	2300	2300	2300	[illegible]	2300

ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	[illegible]	2	60	14	300	21	340	26	300	18	330	16	290	10	320	10	350	9	300	17		
600 m	[illegible]	13	[illegible]	[illegible]	90	9	300	18	340	23	300	25	330	14	310	17	300	23	340	13	310	24		
1000 m	[illegible]	2	[illegible]	21	130	8	290	16	[illegible]	12	320	17	340	21	310	24	300	28	340	16	300	18		
1500 m	240	22			260	14					320	23	320	17	300	37	280	26	340	15	290	15		
2100 m											310	23			300	30	280	31			[illegible]	12		
2400 m											300	21			300	31	210	26			300	26		
3000 m																	230	27			300	27		
4000 m																								
5000 m																								
6000 m																								

STATION	[illegible]	Cairo(A)	Matruh	Alex(A)	P.Said	Minya	Siwa	Alex.(A)	P.Said	Minya	Siwa
DATE	[illegible]	[illegible]	24-5	24-5	24-5	24-5	24-5	24-5	24-5	24-5	24-5
TIME	[illegible]	2300	2300	0500	0500	0500	0500	1100	1100	1100	1100

ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	[illegible]	8	260	16	[illegible]	[illegible]	[illegible]	14	320	6	310	9	270	7	260	9	280	25	270	21		
600 m	[illegible]	12	300	4	220	15	290	13	[illegible]	17	330	4	310	13	270	13	250	9	240	9	280	21		
1000 m	[illegible]	12	280	16	220	9	[illegible]	12	290	14	360	11	290	19			260	17	280	19	290	21		
1500 m	[illegible]	12	290	10			300	28	270	15	350	20	290	19			270	26	300	16	300	19		
2100 m	[illegible]	[illegible]					290	29	[illegible]	20	320	20	310	23			270	29			330	38		
2400 m	300	10					[illegible]	[illegible]	240	16	340	18	290	19							320	29		
3000 m									[illegible]	8			280	27							340	20		
4000 m																					290	28		
5000 m																								
6000 m																								

STATION	[illegible]	Cairo(A)	Asyout	[illegible]	[illegible]	Matruh	Asyout	Bahariya	Dakhla	Kharga	Farafra
DATE	[illegible]	24-5	24-5	24-5	24-5	24-5	24-5	24-5	24-5	24-5	24-5
TIME	[illegible]	[illegible]	0000	1100	1100	1100	1100	1100	1100	1100	1100

ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	31	280	17	310	9	290	16	310	22	330	4	340	22		
600 m	[illegible]	[illegible]	[illegible]	[illegible]	260	4	220	8	300	29	270	20	320	9	290	19	310	26	340	6	340	19		
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	270	14	290	23	250	15	290	5	270	10	310	17	350	9	300	16		
1500 m	[illegible]	2	[illegible]	[illegible]	300	[illegible]	[illegible]	[illegible]	[illegible]	38	240	22	320	8	270	14	360	7	320	16	260	23		
2100 m	[illegible]	22									[illegible]	23	330	15	160	20	320	18	300	23				
2400 m	[illegible]	24									280	29			280	30			320	23				
3000 m															270	35			240	10				
4000 m																			280	26				
5000 m																								
6000 m																								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																								
DATE																								
TIME																								
	ALT. m	TEMP °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED				
Surface																								
1000 mb																								
950 mb																								
900 mb																								
850 mb																								
800 mb																								
700 mb																								
600 mb																								
500 mb																								
400 mb																								
300 mb																								
200 mb																								

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 24th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed
88 Shower (s) of soft hail with or without rain or rain and snow mixed
(87–88: 87 slight, 88 moderate)
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder
(89–90: 89 slight, 90 moderate)
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather. Winds chiefly moderate NW'ly. Some low clouds over Lower Egypt and Cairo.

In Upper Egypt: Temperature continues to fall gradually. Moderate N'ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

All Times are Universal Times (U.T.) [Two hours slower than local time]

(Faint left-hand block, earlier observations)

Station	Dry Bulb	Dew Point	Relative Humidity
SALLOÛM	21	16	74
SÎDI BARRÂNI	21	12	57
MATRÛH (A)	22	[illegible]	57
EL DAB'AA	23	16	[illegible]
ALEXANDRIA (A)	24	18	[illegible]
DAMIETTA	24	16	61
PORT SAÏD (A)	22	18	78
DAMANHÛR	26	14	48
MANṢÛRA	23	18	74
ṬANṬA	26	16	55
SHEBÎN EL KÔM	25	15	54
ZAGAZIG	27	19	62
CAIRO (A)	31	9	26
CAIRO ALMÂZA (A)	31	10	28
GIZA	31	14	36
ḤELWÂN	[illegible]	6	20
FAYOÛM	33	9	23
QENA	40	18	28
LUXOR (A)	40	1	9
ASWÂN	41	2	9
SÎWA	26	[illegible]	28
BAHARÎYA	[illegible]	16	36
FARAFRA	30	5	21
DAKHLA	34	3	14
SUEZ	33	10	24
QUSEIR	29	19	62
PORT SÛDÂN	35	26	59
WÂDI HALFA	40	4	11
ABU HAMAD	43	16	21
KAREIMA	44	8	12
'AṬBARA	41	17	25
KASSALA	40	12	19
WÂD MEDANI	40	13	20
RENK	37	18	33
EL FASHER	35	13	27
MALAKÂL	34	19	41
JUBA	31	22	59

53327 27012 32510 98020 10170 35404
53346 27112 62703 92020 07770 00950
53341 27812 73203 78212 09320 79300
53219 37612 83205 79021 05986 00987

At 1800 on 23rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	220	15	12	01	1	0	—	10.0	20	15	26	-2	73	0
	303	SÎDI BARRÂNI	330	6	14	02	0	3	Ac	9.8	19	14	21		73	0
	306	MATRÛH (A)	00	0	13	01	0	2	Ci	10.4	18	13	22		73	0
	309	EL DAB'AA	270	10	20	00	0	2	Ci	10.4	18	13	23		73	0
	319	ALEXANDRIA	350	12	20	01	6	2	Cu	10.0	20	17	26		83	0.3
	318	ALEXANDRIA (A)	340	16	12	02	2	7	Sc	9.5	20	15	26	-1	73	0.1
	330	DAMIETTA	110	2		50	9	7	Cu, Sc	7.8	21	16	26	-1	74	4
	333	PORT SAÏD (A)	30	14	16	91	2	8	Cb	7.0	19	15	25	-1	78	4
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	90	9		01	9	5	Cb	8.4	22	17	30	-1	74	dr
	342	MANṢÛRA	23[illegible]	5		29	6		Ac, Cc	7.0	19	15	28	-4	78	6
	348	ṬANṬA	310	6	10	03	6	7	Ns			18	31	-2		13
	360	SHEBÎN EL KÔM	40	5	10	01	1	3	Sc	7.9	21	14	30		65	10
	354	ZAGAZIG	40	1	10	02	2	7	Cu	6.9	24	18	29	-4	69	0
	441	ISMA'ILIA														
CAIRO AREA	366	CAIRO (A)	40	14	12	13	8	3	Cu, Sc	6.8	23	14	32		57	dr
	372	CAIRO ALMÂZA (A)														
	374	CAIRO EZBEKÎYA											35	+2		
	375	GIZA	50	16	8	26	6	0	—	6.7	23	18	32	-1	74	dr
	378	ḤELWÂN	360	24	10	06	6	3	Cu	6.6	24	16	33	0	61	dr
UPPER EGYPT	381	FAYOÛM	20	8	20	08	0	0	—	7.0	25	14	35	0	51	dr
	387	MINYA (A)	300	16	5	02	1	0	—	7.6	27	6	38	+2	27	dr
	393	AṢYOÛT (A)	290	17	2	07	3	0	—	7.8	28	9	40	+3	31	0
	399	NAG' HAMÂDI	270	3	10	02	0	4	Ci	6.8	31	-20	39	+2		0
	402	QENA	290	21		00	0	0	—	7.5	32	-25	40	+1		0
	405	LUXOR (A)														
	414	ASWÂN	340	[illegible]	12	03	[illegible]	0	—	7.8	30	-2	41	+1		0
OASES	417	SÎWA	310	8	14	01	0	0	—	10.6	24	8	27	-8	36	0
	420	BAHARÎYA	320	10		30	3	0	—	9.2	25	14	34	-1	51	0
	423	FARAFRA	220	6	10	00	0	0	—	11.5	23	2	33		26	0
	432	DAKHLA	320	20	3	07	3	0	—	10.8	27	-3	39	+1	14	0
	435	KHARGA	320	20	5	07	0	0	—	6.6	30	4	41	+2	19	0
RED SEA	450	SUEZ	60	2	10	01	0	3	Cu	4.6	27	16	34	+1	52	0
	459	TÔR														
	462	HURGHÂDA														
	465	QUSEIR	340	6	20	01	2	6		6.7	29	18	31	-1	52	0
	641	PORT SÛDÂN	00	0	20	01	1	2	Sc, Ac	4.8	32	23	36		59	0
NORTH SUDAN	600	WÂDI HALFA	300	17	13	07	2	7	Ac, Ci	5.3	36	10	41		20	0
	640	ABU HAMAD	00	0	22	03	1	7	Sc, Cu, Ac	2.1	39	24	46		21	0
	660	KAREIMA	00	0	20	03	2	7	Ac	2.5	39	9	44		16	0
	680	'AṬBARA	100	7	15		1	3	Ac	3.0	37	11	44		20	0
	721	KHARṬOÛM	250	8	20	01	3	6	Cb, Ac	5.0	33	16	41		36	0
	730	KASSALA	00	0	20	02	0	1	Ac	3.1	32	10	41		36	0
CENTRAL SUDAN	751	WÂD MEDANI	320	6	20	13	9	6	Sc, Ac, Cc	6.2	31	16	41		41	4
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	220	4	20	13	1	5	Cb, Ac, Ci	5.3	30	18	36		49	0
	760	EL FASHER	150	8	35	01	1	1	Ac	4.3	33	15	37		34	0
	770	GENEINA														
S. SÛDÂN	840	MALAKÂL	210	6	20	01	2	4	Ac, Cs	6.9	29	22	34		66	0
	880	WÂU														
	941	JUBA	00	0	24	02	2	3	Cb, Ci	6.3	27	24	33		84	0
		Ships report	53340		31418		52702		98023	07920		49302	25711		96117	
			53320		30818		63608		98032	08068		55680	24400		05165	

At 0600 on Friday 24th May 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
SALLOÛM	00	0	18	02	0	0		9.8	-3.2	19	14	16	-2	73	0	260	
SÎDI BARRÂNI	50	14	18	00	0	1	Cu	9.2		19	14	16		73	0	257	
MATRÛH (A)	260	13	18	03	1	5	Cu, Ac	9.9	-3.9	20	12	15		60	0	270	
EL DAB'AA	200	10	10	00	0	5	Cu	9.9		20	13	13		64	[illegible]	208	
ALEXANDRIA	270	10	20	03	0	5	Cu	10.7	-3.1	19	16	18	-1	83	0.3	284	185
ALEXANDRIA (A)	230	12	12	03	0	4	Cu	10.1	-2.9	20	14	15	-3	69	0.3	256	138
DAMIETTA	200	2	10	00	0	0	—	9.5	-3.5	19	15	15	-3	78	5	243	105
PORT SAÏD (A)	260	16	18	01	0	1	Cu	9.2	-3.8	21	16	17	-4	74	5		
EL 'ARISH																	
DAMANHÛR	200	5	10	01	1	2	Ci	10.0	-3.5	22	15	14	-2	65	dr	140	101
MANṢÛRA	220	3		00	0	0	—	9.9	-3.3	20	16	15	-2	78	6	79	54
ṬANṬA	220	3	20	02	0	0	—	10.2	-3.4	18	15	13	-3	83	13	92	43
SHEBÎN EL KÔM	320	2	10	00	0	0	—	10.2	-3.2	21	14	16		65	10	68	
ZAGAZIG	00	0	10	02	0	0	—	9.9	-3.4	20	15	15	-1	73	0	53	27
ISMA'ILIA																	
CAIRO (A)	140	8	16	01	0	1	Cu	10.5		21	15	17		69	dr	55	
CAIRO ALMÂZA (A)	210	6	15	01	0	2	Cu	10.4	-2.3	22	14	17	-2	61	dr	60	
CAIRO EZBEKÎYA										21	14	17	-1	65	dr	43	26
GIZA	320	1	8	02		1	Cu	10.8	-2.1	21	15	17	0	69	dr	58	26
ḤELWÂN	00	0	4	05	1	6	Cu	11.0	-1.8	21	16	16	-2	74	dr	36	29
FAYOÛM	290	4	20	02	0	0	—	11.5	-1.2	23	13	19	+1	53	dr	16	8
MINYA (A)	300	4	7	02	0	0	—	11.5	-1.0	21	13	13	-5	61	dr	19	
AṢYOÛT (A)	310	4	5	02	0	0	—	11.5	-0.4	22	11	18	-2	50	0	dr	
NAG' HAMÂDI	00	0	4	01	0	2	Ac	10.6	+0.1	24	12	20	+1	47	0	1	
QENA	00	0	10	00	0	0	—	10.0	-0.3	26	-21	22	+1		0	dr	
LUXOR (A)	340	13	22	02	0	0	—	9.6	-0.5	25	10	22		39	0	0	
ASWÂN	350	12	6	05	0	0		9.3	-1.0	27	5	24	0	25	0	8	
SÎWA	300	8	16	02	0	0		12.1	-2.0	20	10	16	-1	53	0	27	8
BAHARÎYA	220	3	10	02	0	0	—	11.6	-1.6	20	15	14	-4	73	0	2	7
FARAFRA	00	0	20	02	0	0	—	13.3		22	5	14		33	0	dr	
DAKHLA	340	5	10	02	0	0	—	13.5	+1.6	22	3	16	-4	29	0	[illegible]	
KHARGA	360	4	6	02	0	0	—	10.4	-0.4	24	12	19	-3	47	0	8	
SUEZ	360	2	20	00	0	2	Cu	9.5	-2.8	21	16	16	-3	74	0	45	17
TÔR																	
HURGHÂDA																	
QUSEIR	280	7	20	01	1	0	—	7.8	-2.3	29	6	25	+1	23	0	0.4 dr	4
PORT SÛDÂN	340	1	20	02	1	5	Cu, Ac	7.3		34	25	25		59	0		
WÂDI HALFA	10	17	3	06	1	3	Ac	10.0		27	2	25		20	dr		
ABU HAMAD	360	5	5	06	1	7	Cs	5.9		35	10	29		22	0		
KAREIMA	100	3	15	05	2	7	Ac	6.1		35	13	31		27	0		
'AṬBARA	20	19	4.5	07	2	4	Ac	4.8		37	4	31		30	0		
KHARṬOÛM																	
KASSALA	60	0	20	01	1	1	Cs	5.1		33	15	24		34	0		
WÂD MEDANI	00	0	20	02	2	7	Ac	5.7		32	18	27		43	4		
RENK	230	5	20	02	0	2	Ac	7.8		29	17	26		49	0		
ROSEIRES	230	5	20	02	0	2	Cu	5.9		31	19	25		49	0		
EL OBEID	230	5	20	02	1	5	Ac, Ci	6.1		31	19	25		49	0		
EL FASHER	00	0	35	01	2	7	Ac, Ci	7.8		29	17	26		49	0		
GENEINA																	
MALAKÂL	250	9	20	17	8	7	Cb, Ac, Cs	9.6		27	23	25		79	dr		
WÂU																	
JUBA	180	4	24	03	0	7	Cu, Ac	10.7		26	23	23		84	0		
Ships report in code	63332		26406		42809		98030	08666		42500		05102		00059		12703	
	63258		35206		03118		98052	07379		xxxxx		75302		05563		13146	

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	8	320	10	350	26	320	11	340	17	310	24	290	20	320	11	260	5	20	26	100	12
600 m	310	16	300	17	350	25	300	14	330	17	300	23	290	23	310	16	280	5	350	22	180	4
1000 m	290	19	300	40	10	23	300	22	300	26	300	20	290	25	300	18	300	10	340	19	240	10
1500 m	300	36	290	37	310	6	280	21	260	12			290	24			290	15	310	24	240	17
2100 m							250	12	240	24			290	23			250	28	290	25	280	23
2400 m							260	20	230	29			290	23					300	23	260	30
3000 m									230	41			300	17					310	20	280	40
4000 m																						
5000 m																						
6000 m																						

STATION	Asyout		Luxor		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	24-5		24-5		24-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	10	18	320	11	330	6	250	15	250	10	180	5	100	12	330	8	270	12	240	10	240	4
600 m	10	29	330	17	330	7	270	12	240	8	70	3	220	10	310	5	260	6	260	9	300	10
1000 m	330	21	320	21	280	19	280	12	290	7	250	3	240	13	260	12	260	8	270	5	320	11
1500 m	310	23	320	21	300	27			280	14	290	16	260	21			270	7	270	15	310	20
2100 m	300	19	340	19	280	40			290	16			280	23			260	17	280	23	310	20
2400 m	260	18			280	38			280	18			290	23			270	20	290	27	320	21
3000 m									290	23							260	20				
4000 m									280	22												
5000 m									280	30												
6000 m																						

STATION	Salloum		Matruh		Cairo(A)		Aswan		Salloum		Matruh		Aswan		Farafra		Dakhla		Kharga		Hurghada	
DATE	25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	270	13	230	4	210	4	330	11	30	3	170	5	220	10	250	12	310	11	300	10		
600 m	270	13	230	2	240	5	340	17	40	5	130	5	260	9	220	5	330	20	10	4	280	17
1000 m	250	13	280	6	270	8	350	17	40	4	260	6	290	8	270	12	340	15	350	5	310	13
1500 m	310	14			280	14	340	10	40	7	250	13	320	30	170	4			350	14	340	19
2100 m	280	20									110	18	280	37					320	21		
2400 m	310	18									110	21							320	24		
3000 m											120	21										
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 25th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of } shallow fog less than 2 m.
12 Continuous } on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing) } not falling as shower (s) } during preceding hour not at time of observation
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 } Slight or moderate duststorm or sandstorm } decreased
31 } } no change } during preceding hour
32 } } increased
33 } Severe duststorm or sandstorm } decreased
34 } } no change
35 } } increased
36 Slight or moderate drifting snow } low
37 Heavy " "
38 Slight or moderate " " } high
39 Heavy " "
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible } has become thinner during preceding hour
43 " , " not " }
44 " , " discernible } no change during preceding hour
45 " , " not " }
46 " , " discernible } has begun or become thicker during last hour
47 " , " not " }
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent } slight
51 " " " continuous }
52 " " " intermittent } moderate
53 " " " continuous }
54 " " " intermittent } thick
55 " " " continuous }
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent } slight
61 " " " continuous }
62 " " " intermittent } moderate
63 " " " continuous }
64 " " " intermittent } heavy
65 " " " continuous }
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes } slight
71 Continuous " " " }
72 Intermittent " " " } moderate
73 Continuous " " " }
74 Intermittent " " " } heavy
75 Continuous " " " }
76 Ice needles } with or without fog
77 Granular snow }
78 Isolated star like snow crystals }
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 } Shower (s) of soft hail with or without rain } slight
88 } or rain and snow mixed } moderate
89 } Shower (s) of hail with or without rain or } slight
90 } rain and snow mixed, not with thunder } moderate
91 Slight rain } Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain }
93 Slight snow * }
94 Moderate or heavy snow * }
95 Thunderstorm slight or moderate without hail } Thunderstorm at time of observation
96 " " " with " }
97 " heavy without hail }
98 " with duststorm or sandstorm }
99 " heavy with hail }

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.

Slight rise in temperature. Winds chiefly SWly light to moderate. Some low and high clouds in the north.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T. / " " Sunset 16 47 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
340	12	18	02	2	6	Sc	9.1	24	16	61
320	14	18	02	0	2	Cu	9.8	21	16	74
320	22	16	01	1	1	Sc, Cu	9.4	22	11	50
320	20	20	00	0	3	Ac	9.4	23	15	61
310	11	20	01	1	2	Sc	9.3	23	15	61
320	14	14	02	0	2	Cu, Ac	8.9	25	13	48
340	5	4	03	2	7	Cu	8.4	22	13	57
340	11	18	03	0	5	Cb	8.9	22	16	69
230	5	10	01	1	4	Cu	8.7	27	11	37
270	5	4	03	1	5	Cu	8.7	27	12	40
270	8	20	03	2	5	Cu	9.0	27	14	45
220	5	20	00	0	0	—	9.3	27	9	33
220	1	20	03	2	6	Cu	7.9	26	13	45
260	10	14	02	0	4	Cu	8.2	28	6	25
270	14	25	03	0	5	Cu, Sc	8.4	29	7	25
50	10	10	01	1	2	Cu	8.7	29	9	29
360	6	20	02	2	4	Cu	8.3	28	4	22
290	4	20	03	0	1	Cu, Sc	8.8	29	10	31
290	14	10	02	0	0	—	8.3	31	2	16
320	11	18	02	0	3	—	9.3	30	5	21
00	0	10	00	0	0	—	8.4	32		
290	4	20	03	3	0	—	7.0	33		
310	8	22	02	0	0	—	6.8	32	1	14
350	12	12	02	0	0	—	6.3	34	3	14
320	20	16	02	0	0	—	10.1	29	1	17
290	10	20	02	0	0	—	9.7	30	14	38
320	6	20	02	0	0	—	11.1	30	2	18
330	4	20	02	0	0	—	11.5	31	0	13
330	3	20	02	0	0	—	7.6	32	5	18
330	3	60	03	0	6	Cu	8.1	28	7	27
340	28	20	02	0	0	—	8.2	27	12	40
340	11	20	02	0	0	—	6.7	28	16	49
50	2	20	02	2	6	Sc	6.1	37	13	24
360	9	16	05	0	0	—	1.3	37	-3	8
70	2	20	02	2	7		2.5	41	10	16
360	12	10	01	1	5	Cu, Ac	0.5	43	7	12
00	0	20	03	0	4	Cu	99.2	41	9	15
10	6	20	03	6	4	Cb, Ac		39	14	23
230	5	20	02	0	6	Sc	6.2	33	20	47
230	5	20	09	5	2	As	1.9	31	21	55
310	5	20	02	1	5	Sc, Cu, Ac	1.0	37	13	24
150	7	55	02	2	7	Cb, Cs	1.5	37	13	24
00	0	50	02	0	4	Cb, Cs	4.3	35	14	29
260	8	20	03	9	7	Cb, Ac, Cs	5.7	30	21	59
63328	28112	72712	98301	08767	43400	23001	00400			
63330	26312	52717	98022	08520	52400	63103	00117			
63321	30512	42518	98032	07970	43400	63710	05263			

At 1800 on 24th

Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
360	10	14	02	1	0	—	9.2	19	17	27	-1	88	0
360	10	15	02	0	0	—	9.2	19	14	22		73	0
310	10	14	02	0	0	—	10.2	18	12	24		68	0
320	8	20	00	0	0	—	9.6	17	15	25		88	0
310	11	30	01	0	0	—	10.0	21	14	24	-3	65	0
330	9	12	02	0	0	—	9.4	20	13	25	-2	64	0
340	2	4	01	1	1	Cu	8.6	20	15	23	-4	73	0
330	11	16	01	1	2	Sc	9.2	21	15	25	-1	69	0
40	5	10	02	0	0	—	10.2	20	15	29	-2	73	0
350	5	8	00	0	0	—	9.3	20	14	27	-5	69	0
310	6	20	02	0	0	—	9.4	21	13	29	-4	61	0
320	2	10	00	0	0	—	9.5	20	13	29		64	0
320	1	10	02	0	0	—	9.2	22	17	28	-5	74	0
340	8	12	01	0	0	—	9.7	22	12	30		53	0
350	15	15	01	0	0	—	9.3	23	11	32	-2	47	0
										31	-3		
290	12	8	01	1	0	—	9.5	22	13	30	-3	57	0
360	17	10	01	2	0	—	9.9	23	11	30	-3	47	0
290	8	20	02	0	1	Cu, Sc	9.1	24	10	32	-3	41	0
320	7	8	02	0	0	—	9.2	24	-1	32	-4	19	0
300	6	12	02	0	0	—	9.1	25	6	31	-6	30	0
270	0	5	00	5	0	—	8.6	27		34	-5		0
280	6	12	02	0	0	—	8.1	28	2	34		19	0
300	5	15	02	0	0	—	9.1	26	5	30	-5	27	0
320	3	10	00	0	0	—	8.8	26	11	31	-4	40	0
00	0	12	02	0	0	—	11.2	20	0	30		21	0
320	5	12	02	0	0	—	11.1	27	-2	32	-6	15	0
00	0	8	02	0	0	—	7.8	26	4	33	-6	25	0
360	3	10	02	0	6	Cu	7.4	26	12	31	-2	42	0
320	24	10	02	0	0	—	6.2	26	11	30	0	40	0
360	8	20	02	0	0	—	7.6	26	12	30	-2	42	0
330	3	20	01	1	1	Ac	6.6	31	24	36		66	0
360	12	13	05	0	0	—	7.9	30	-1	37		13	0
360	13	20	01	2	4	Ac	3.5	36	4	42		13	0
360	10	15	07	1	3	Cb, Cs	1.9	36	1	43		11	0
10	6	20	03	1	7	Ac, As, Cs	1.3	39	11	43		19	0
20	4	20	01	1	2	Ac	1.1	33	14	43		32	0
220	3	20	13	1	7	Cb, Ac, Cs	2.7	36	16	41		29	dr
220	17	20		2	7	Cu, Sc, Ac	3.7		18	38		58	dr
100	2	30	13	1	6	Cb, Ac	9.1	35	12	39		25	0
										36			
350	5	20	17	2	7	Cb, Ac, Cs	9.1	25	21	30		79	2
										35			
180	2	24	13	1	3	Cb, Ci	6.7	25	11	35		42	0
63345	26212	52709	97051	09765	51300	25400	00065						
63333	25418	12913	97021	08919	11300	63303	06046	12933					
63324	29818	42810	98011	09866	41400	22315	05160	12323					

At 0600 on SATURDAY 25th MAY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Temperatures °C. Minimum Today	Temperatures °C. Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	03	1	2	Ci	9.5	-3.5	20	17	15	-3	83	0	260	
	303	SÎDI BARRÂNI	00	0	15	00	0	5	Cu, Ci	10.0		19	15	13		78	0	257	
	306	MATRÛḤ (A)	230	3	16	03	1	5	Ci	10.7	-3.1	19	12	14		64	0	270	
	309	EL ḌAB'AA	200	2	10	00	0	5	Cs	9.9		20	15	13		73	0	208	
	319	ALEXANDRIA	320	10	20	03	0	6	Cu	10.0	-3.8	19	16	17	-2	70	0	284	185
	318	ALEXANDRIA (A)	240	12	12	03	0	5	Sc	10.3	-2.6	20	15	15	-3	73	0	256	138
	330	DAMIETTA	200	2	10	02	0	1	Ac	10.2	-2.7	19	15	14	-4	78	0	243	105
	333	PORT SA'ÎD (A)	270	7	14	01	0	0	—	10.2	-2.8	21	14	18	-3	65	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	310	2	10	03	0	2	Ci	10.6	-2.9	21	14	14	-2	65	0	140	101
	342	MANṢÛRA	40	3	3	03	1	5	Cu	10.3	-2.8	21	16	14	-3	74	0	79	54
	348	ṬANṬA	00	0	20	02	0	0	—	10.2	-3.3	17	14	13	-3	83	0	92	43
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	10.8	-2.6	20	13	15		64	0	68	
	354	ZAGAZIG	220	1	10	02	0	0	—	9.9	-3.4	20	17	14	-2	83	0	53	27
	441	ISMA'ÎLÎA																	
CAIRO AREA	366	CAIRO (A)	00	0	12	02	0	0	—	10.4		21	12	16		57	0	55	
	372	CAIRO ALMÂZA (A)	200	2	18	02	0	0	—	10.4	-2.2	22	13	16	-3	57	0	60	
	374	CAIRO EZBEKÎYA										22	12	16	-2	53	0	43	26
	375	GIZA	00	0	10	01		0	—	11.0	-1.9	21	13	13	-2	61	0	58	26
	378	ḤELWÂN	00	0	4	02	0	0	—	11.0	-1.7	21	12	15	-3	57	0	36	29
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	0	—	10.8	-1.9	25	13	16	-2	48	0	16	8
	387	MINYA (A)	200	1	8	02	0	0	—	11.0	-1.5	22	13	13	-5	57	0	10	
	393	AṢYOÛṬ (A)	110	4	16	02	0	0	—	10.9	-0.9	25	9	19	-1	36	0	dr	
	399	NAG' ḤAMÂDI	00	0	4	00	0	0	—	11.5	+1.1	24	12	14	-5	47	0	1	
	402	QENA	270	2	10	00	0	0	—	10.8	+0.6	26		18	-3		0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	10.5	+0.5	27	2	18		20	0	0	
	414	ASWÂN	320	3	12	02	0	0	—	10.7	+0.4	26	4	18	-6	25	0	8	
OASES	417	SÎWA	120	5	14	02	0	0	—	9.5	-4.6	21	9	16	-1	44	0	27	8
	420	BAHARÎYA	00	0	10	02	0	0	—	10.9	-2.3	22	13	16		57	0	2	7
	423	FARAFRA	270	2	15	02	0	0	—	11.9		22	0	14		23	0	dr	
	432	DAKHLA	180	3	20	02	0	0	—	12.7	+0.9	24	0	16	-5	21	0	1	
	435	KHARGA	00	0	8	02	0	0	—	10.4	-0.3	25	7	18	-4	32	0	3	
RED SEA	450	SUEZ	00	0	20	00	0	0	—	10.4	-1.9	19	14	15	-4	73	0	45	17
	459	TÔR																	
	462	HURGHÂDA	320	16	22	00	0	0	—	9.2	-0.8	26	12	18	-4	42	0	0.4	
	465	QUSEIR	350	12	20	02	0	0	—	9.6	-0.4	26	19	22	-2	66	0	dr	4
	641	PORT SÛDÂN	350	12	20	01	1	2	Ac	6.5		31	27	27		79	0		
NORTH SUDAN	600	WÂDI ḤALFA	360	9	24	02	0	0	—	12.7		25	1	18		21	0		
	640	ABU ḤAMAD	360	18	20	07	0	0	—	7.4		29	-3	24		12	0		
	660	KAREIMA	90	10	20	02	0	0	—	9.2		29	3	25		19	0		
	680	'AṬBARA																	
	721	KHARṬOÛM	340	7	18	05	2	7	Ac, Cs	5.8		33	15	29		34	0		
	730	KASSALA	290	7	15	07	2		Cs	5.3		31	17	25		43	0		
CENTRAL SUDAN	751	WÂD MEDANI	260	14	20	03	2	8	Ac, Cs	6.3		31	18	25		46	dr		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	260	13	20	02	2	7	Ac, Cs	8.5		27	18	23		58	dr		
	760	EL FASHER																	
	770	GENEINA	200	10	50	02	2	8	As, As	14.4		23	19	22		79	0.5		
S. SÛDÂN	840	MALAKÂL	90	5	20	02	2	7	Ac, As	9.5		23	21	22		89	2		
	880	WÂU	320	5	20	61	6	8	Cu, Ac, Cs	11.8		22	21	22		94	14		
	941	JUBA	200	11	10	17	6	7	As, Ac	11.8		21	20	21		94	10		
			73339	32106	42609	99021	08820	32302	65204	09117	12532								
			73332	35306	03411	98020	08882	00900	76904	00261	30228								
			73283	33206	02806	58020	10024	00900	35311	00416	13331								
			73340	28506	32910	99020	01869	21541	22815	00159	12721								
			73320	30706	32709	98020	09821	32300	65203	00016	12992								

SHIP REPORTS IN CODE

* 9 = Sky obscured by fog etc.

(A) AERODROME

S.M.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		[illegible]		[illegible]		P. Said		Minya		[illegible]	
DATE	[illegible]		25/5		25/5		25/5		25/5		25/5		25/5		25/5		[illegible]		25/5		25/5	
TIME	[illegible]		1700		1700		1700		1700		1700		1300		2300		2300		2300		2300	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	20	8	10	13	350	15	340	11	260	8	340	13	[illegible]	7	30	7	10	27	100	18
600 m	[illegible]	7	340	11	360	14	300	18	300	16	260	9	340	11	20	8	30	4	20	19	170	5
1000 m	[illegible]	[illegible]	320	12	350	12	300	25	270	20	280	11	340	11	10	8	40	3	30	14	270	9
1500 m	[illegible]	[illegible]	300	15	300	10	280	25	270	23	290	7	320	12	360	12			300	22	300	10
2100 m	[illegible]	[illegible]							260	30			340	19					290	20		
2400 m	[illegible]	[illegible]							290	23			340	30					310	27		
3000 m	[illegible]	[illegible]											320	35					310	30		
4000 m	[illegible]	[illegible]																				
5000 m																						
6000 m																						

STATION	[illegible]		Matruh		Cairo(A)		Alex.(A)		P Said		Minya		Siwa		Alex.(A)		P Said		Minya		Siwa	
DATE	[illegible]		25/5		25/5		26/5		26/5		26/5		26/5		26/5		26/5		26/5		26/5	
TIME	[illegible]		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	[illegible]	12	40	12	40	13	80	5	130	2	40	18	110	17	50	[illegible]	10	7	350	8	140	23
600 m	[illegible]	[illegible]	10	8	50	13	40	5	140	2	40	23	120	9	100	5	350	2	340	11	150	3
1000 m	[illegible]	12	40	12	350	10	10	8	20	1	30	23	90	3	90	4	350	2	340	12	140	9
1500 m	[illegible]	12	300	34	290	12	340	20	350	16	20	30	260	4			320	8	320	13	210	14
2100 m	[illegible]	[illegible]	350	18	270	35			320	18			280	18			320	12			270	17
2400 m	40	29	300	18	290	21							270	10			310	20			270	26
3000 m			310	37	280	20											300	30				
4000 m																						
5000 m																						
6000 m																						

STATION	[illegible]		Matruh		Cairo(A)		Aswan		Sallloum		Matruh		Aswan		Bahariya		Dakhla		Kharga		Hurghada	
DATE	[illegible]		26/5		26/5		26/5		26/5		26/5		26/5		26/5		26/5		26/5		26/5	
TIME	[illegible]		0530		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	7	30	[illegible]	60	9	90	6	140	11	170	11	220	2	40	8	350	10	350	12	360	7
600 m	[illegible]	[illegible]	20	4	40	9	20	4	160	18	190	4	320	2	30	8	350	6	350	11	340	16
1000 m	[illegible]	16	310	4	360	22	360	4	180	26	20	5	290	7	360	3	340	8	340	13	290	8
1600 m	[illegible]	[illegible]			330	18	320	17	180	24	310	10	270	11	350	16	330	13	360	17	260	12
2100 m	[illegible]	18			350	12	320	27			280	25	330	18	340	14					290	21
2400 m	[illegible]	[illegible]			360	12	340	27													310	18
3000 m	[illegible]	[illegible]					300	10														
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °c	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 26th MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Slight rise in temperature. Some high clouds in Lower Egypt and Cairo. Moderate N/NE winds. In Upper Egypt: Mainly clear. Light N/y winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 02 56 U.T.
Sunset 16 48 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 25th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C.	Dew Point °C.	Relative Humidity %
Mediterranean	62300	SALLOÛM	40	4	18	02	0	0	—	10.1	23	15	61
	303	SÎDI BARRÂNI	350	14	18	11	0	0	—	10.2	22	15	65
	306	MATRÛḤ (A)	360	14	18	02	0	0	—	10.6	22	12	53
	309	EL ḌAB'AA	360	12	20	00	0	0	—	10.4	23	12	50
	319	ALEXANDRIA	[illegible]	[illegible]	20	02	1	1	Cu	11.5	22	15	65
	318	ALEXANDRIA (A)	320	9	12	01	2	3	Sc	11.1	24	15	57
	330	DAMIETTA	320	5	20	02	2	3	Ac	10.6	23	15	61
	333	PORT SA'ÎD (A)	350	10	20	02	0	1	Cu, Ci	10.7	23	16	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	[illegible]	5	10	01	1	4	Cu	10.6	26	14	48
	342	MANṢÛRA	[illegible]	2	[illegible]	[illegible]	1	6	Cu	10.6	27	13	42
	348	ṬANṬA	[illegible]	[illegible]	20	01	1	1	Cu	10.1	26	13	45
	360	SHEBÎN EL KÔM	[illegible]	[illegible]	20	01	1	2	Cu	10.0	27	4	23
	354	ZAGAZIG	270	1	20	01	1	2	As	9.3	26	0	18
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	270	12	[illegible]	01	1	2	Ci	9.6	28	5	23
	372	CAIRO ALMÂZA (A)	[illegible]	10	20	01	1	4	Ci	9.9	29	5	22
	374	CAIRO EZBEKÎYA											
	375	GIZA											
	378	ḤELWÂN	320	[illegible]	[illegible]	[illegible]	[illegible]	3	Ci	9.4	28	0	16
Upper Egypt	381	FAYOÛM	[illegible]	[illegible]	[illegible]	[illegible]	1	5	Ac	10.2	31	10	28
	387	MINYA (A)	[illegible]	19	[illegible]	02	0	0	—	9.6	32	2	15
	393	AṢYOÛṬ (A)	340	12	20	02	0	0	—	9.3	32	4	17
	399	NAG' ḤAMÂDI	[illegible]	0	10	01	0	2	Ac	9.4	33		
	402	QENA	270	4	20	00	0	0	—	9.1	33		
	405	LUXOR (A)	340	8	22	[illegible]	0	0	—	8.1	34	6	18
	414	ASWÂN	360	14	12	02	0	0	—	8.1	33	-5	8
Oases	417	SÎWA	340	16	16	02	0	0	—	8.9	33	-5	8
	420	BAḤARÎYA	210	[illegible]	[illegible]	02	0	0	—	8.5	33	14	32
	423	FARAFRA	260	6	20	02	0	0	—	9.3	35	-9	6
	432	DAKHLA	270	8	20	02	0	0	—	11.2	33	1	13
	435	KHARGA	350	8	10	02	0	0	—	8.3	34	5	16
Red Sea	450	SUEZ	00	[illegible]	20	03	0	3	Cu	9.5	28	10	33
	459	TÔR											
	462	HURGHÂDA	040	20	22	02	0	1	Cs	7.1	30	29	29
	465	QUSEIR	00	0	20	02	0	0		8.4	29	14	40
	641	PORT SÛDÂN	30	21	5	07	0	0	—	5.5	32	26	70
North Sudan	600	WÂDI ḤALFA	50	13	24	03	0	1	Ci	7.8	34	1	12
	640	ABU ḤAMAD	60	4	22	02	0	1	Ci	4.4	38	-3	7
	660	KAREIMA	60	7	21	03	0	3	Ci	5.1	38	-9	5
	680	'AṬBARA	350	7	20	62	0	1	Ci	2.4	29	-4	11
	721	KHARṬOÛM	50	15	16	01	2	7		2.4	40	4	11
	730	KASSALA	30	2	20	02	2	7	Cu, Ac, Cs	0.5	40	13	20
Central Sudan	751	WÂD MEDANI	00	0	20	05	2	8	Cu, Ac, Cs	1.3	41	13	19
	801	RENK											
	802	ROSEIRES	230	5	20	02	0	6	Cu	3.9	34	19	41
	771	EL OBEID	300	13	20	22	2	7	Cu, Cs	4.1	35	11	23
	760	EL FASHER	180	7	8	05	2	7	Cu, Ac, Cs	7.4	31	15	38
	770	GENEINA	250	5	50	01	2	7	Cu, Ac	11.4	26	17	58
S. Sûdân	840	MALAKÂL	160	16	20	17	2	8	Ns	10.5	25	21	79
	880	WÂU	270	5	20	02	6	7	St, Ac	7.7	29	21	62
	941	JUBA	210	5	20	15	2	7	Cb, Cs	6.7	29	22	66

At 1800 on 25th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C.	Dew Point °C.	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	50	6	12	02	0	0	—	10.7	19	17	24	-4	88	0
	303	SÎDI BARRÂNI	80	7	15	02	0	3	Ci	10.4	19	14	22		73	0
	306	MATRÛḤ (A)	50	8	12	02	0	0	—	10.8	18	13	24		73	0
	309	EL ḌAB'AA	360	8	20	00	0	0	—	10.6	19	14	23		73	0
	319	ALEXANDRIA	360	11	20	02	0	0	—	11.0	20	15	24	-3	73	0
	318	ALEXANDRIA (A)	360	5	12	02	0	0	—	10.0	24	14	24	-3	54	0
	330	DAMIETTA	320	5		01	0	1	Ac			16	24	-3		
	333	PORT SA'ÎD (A)	350	10	18	02	0	1	Cu	10.5	20	16	27	+1	78	0
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	40	2	10	01	0	1	Ci	10.8	18	16	27	-4	88	0
	342	MANṢÛRA	360	3	[illegible]	02	9	0	—	10.2	21	14	29	-3	65	0
	348	ṬANṬA	330	7	20	01	1	2	Ci	10.8	22	14	28	-5	61	0
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	10.1	20	13	28		64	0
	354	ZAGAZIG	320	1	10	02	0	0	—	9.9	25	17	28	-5	61	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)	360	15	12	02	0	0	—	9.7	24	11	29		44	0
	372	CAIRO ALMÂZA (A)	20	15	12	02	0	0	—	9.8	25	9	30	-4	36	0
	374	CAIRO EZBEKÎYA											31	-3		
	375	GIZA														
	378	ḤELWÂN	30	3	10	02	0	0	—	9.1	25	8	29	-4	34	0
Upper Egypt	381	FAYOÛM	360	4	20	01	0	0	—	8.4	26	8	33	-2	32	0
	387	MINYA (A)	00	0	8	02	0	0	—	8.0	25	7	34	-2	32	0
	393	AṢYOÛṬ (A)	00	0	12	02	6	0	—	8.5	29	6	33	-4	23	0
	399	NAG' ḤAMÂDI	00	0	4	01	0	3	Ac	9.8	25	11	34	-3	42	0
	402	QENA	290	2		00	0	0	—	9.0	29		35	4		0
	405	LUXOR (A)	230	3	12	02	0	0	—	8.3	29	8	35		27	0
	414	ASWÂN	00	0	12	02	0	0	—	7.9	30	0	35	-5	14	0
Oases	417	SÎWA	10	7	14	02	0	2	Ci	8.3	29	5	34	-1	22	0
	420	BAḤARÎYA	320	3	20	02	0	0	—	7.4	30	12	35	0	33	0
	423	FARAFRA	320	4	12	02	0	0	—	9.0	30	-5	35		10	0
	432	DAKHLA	00	0	14	02	0	0	—	10.4	30	5	35	-4	21	0
	435	KHARGA	00	0	8	02	0	0	—	8.0	25	6	35	-4	30	0
Red Sea	450	SUEZ	360	3	10	01	0	0	—	9.3	26	12	31	-2	42	0
	459	TÔR														
	462	HURGHÂDA														
	465	QUSEIR	350	6	26	02	0	0	—	9.0	27	11	30	-2	37	0
	641	PORT SÛDÂN	350	8	18	05	0	0	—	8.1	29	24	35		74	0
North Sudan	600	WÂDI ḤALFA	350	11	20	02	0	1	Ci	8.0	29	3	36		12	0
	640	ABU ḤAMAD	340	5	22	01	0	0	—	6.0	31	-5	38		9	0
	660	KAREIMA	50	2	21	01	1	1	Ci	6.1	31	-5	39		9	0
	680	'AṬBARA											41			
	721	KHARṬOÛM	320	6	20	02	0	0	—	4.1	35	0	41		11	0
	730	KASSALA	00	0	20	01	1	2	Ac, Ci	2.8	33	14	41		32	0
Central Sudan	751	WÂD MEDANI	320	5	20	13	2	7	Cb, Ac	3.2	37	5	41		13	0
	801	RENK											34			
	802	ROSEIRES											36			
	771	EL OBEID	00	0	28	05	2	7	Ac, Cs	4.8	31	17	37		43	0
	760	EL FASHER	190	1	8	05	2	8	Ac	5.9	30	16	33		43	0
	770	GENEINA														
S. Sûdân	840	MALAKÂL	300	3	20	13	9	7	Cb, Ac	12.1	22	21	29		94	4
	880	WÂU														
	941	JUBA	320	3	20	13	9	3	Cb, Ci	10.5	23	13	31		97	1

Ship reports (1800):

73330 27518 32809 98020 09920 32300 65201 05616
73337 32118 32909 98020 11266 315XX 24500 05355
73325 29112 22909 98030 16721 22400 65703 0116
73285 33012 30508 98020 08775 00908 34814 05169
73293 34212 23411 98020 07429 00902 35815 01019

At 0600 on SUNDAY 26th MAY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb °C.	Dew Point °C.	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	00	0	18	02	0	3	Ac	11.5	-1.5	21	16	16	-2	74	0	260	
	303	SÎDI BARRÂNI	150	15	18	00	0	5	Ac, Ci	11.1		21	10	14		50	0	257	
	306	MATRÛḤ (A)	130	7	16	02	2	6	Cs	13.2	-0.6	20	16	12		78	0	270	
	309	EL ḌAB'AA			10	00	0	5	Cs	13.9		21	14	13		65	0	208	
	319	ALEXANDRIA	00	0	10	03	4	7	Cu, Sc	14.0	+0.3	21	14	18	-1	63	0	284	185
	318	ALEXANDRIA (A)	90	1	12	02	0	6	Sc	13.5	+0.6	22	16	16	-2	69	0	256	138
	330	DAMIETTA	220	2	10	02	0	1	Ac	12.6	-0.3	19	16	15	-4	83		243	105
	333	PORT SA'ÎD (A)	360	1	12	02	0	5	Sc, Ci	13.2	+0.3	23	15	18	-3	61	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	130	2	10	03	0	3	Ns	13.3	-0.2	21	16	15	-2	74	0	140	101
	342	MANṢÛRA	320	3		03	1	4	Ac	13.3	+0.2	23	16	15	-2	65	0	79	56
	348	ṬANṬA	00	0	20	01	1	2	Ci	13.5	0.0	18	15	13	-3	83	0	92	43
	360	SHEBÎN EL KÔM	20	2	10	01	1	1	Cu	13.1	-0.2	22	13	15		57	0	68	
	354	ZAGAZIG	00	0	10	02	0	0	—	12.6	-0.6	20	17	15	-1	83	0	53	27
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	40	8	12	03	1	4	Ci	12.2		22	15	17		65	0	55	
	372	CAIRO ALMÂZA (A)	40	10	15	02	0	2	Ci	11.9	-0.7	21	14	17	-2	65	0	60	
	374	CAIRO EZBEKÎYA										22	15	17	-1	65	0	43	26
	375	GIZA																58	26
	378	ḤELWÂN	70	3	10	02	1	1	Ci	12.4	-0.3	22	13	16	-3	[illegible]		36	29
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	12.6		24	15	17	-1	57	0	16	8
	387	MINYA (A)	360	7	8	02	0	0	—	11.7	-0.8	25	12	17	-1	45	0	10	
	393	AṢYOÛṬ (A)	290	7	14	02	0	0	—	11.3	-0.4	23	8	19	-1	38	0	dr	
	399	NAG' ḤAMÂDI	00	0	4	01	0	2	As	11.5	+1.2	25		17	-2		0	1	
	402	QENA	00	0	10	00	0	0	—	10.8	+0.6	28		18	4		0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	10.3	+0.3	29	6	18		23	0	0	
	414	ASWÂN	00	0	12	02	6	0	—	11.2	+1.0	30	8	20	-5	25	0	8	
Oases	417	SÎWA	110	12	14	01	1	1	Ac	12.4	-1.7	22	10	19	+2	47	0	27	8
	420	BAḤARÎYA	360	1	10	02	2			12.2	-1.0	22	13	17	-1	57	0	2	7
	423	FARAFRA	290	1	15	02	0	0	—	13.7		24	5	17		30	0	dr	
	432	DAKHLA	280	3	18	02	0	0	—	12.8	+1.0	25	-1	16	-5	18	0	1	
	435	KHARGA	00	0	10	02	0	0	—	10.3	-0.4	25	4	15	-7	26	0	3	
Red Sea	450	SUEZ	330	3	20	00	0	3	St	11.1	-1.1	21	14	16	-4	65	0	45	17
	459	TÔR																	
	462	HURGHÂDA																0.4	
	465	QUSEIR	350	10	20	02	0	0	—	10.3	+0.3	29	6	22	-2	23	0	dr	4
	641	PORT SÛDÂN																	
North Sudan	600	WÂDI ḤALFA	00	0	20	02	0	0	—	12.0		26	2	19		21	0		
	640	ABU ḤAMAD	360	9	22	02	0	1	Ci	10.0		29	-1	23		14	0		
	660	KAREIMA	60	10	20	03	0	3	Ci	10.2		30	-3	22		11	0		
	680	'AṬBARA	350	14	10	07	0	3	Cs	8.4		30	-2	23		12	0		
	721	KHARṬOÛM	100	4	20	01	2	7	Cs	9.7		29	-3	27		12	0		
	730	KASSALA	200	3	20	02	1	1	Ac	8.2		31	13	26		33	dr		
Central Sudan	751	WÂD MEDANI	180	5	20	02	0	5	Ac, Cs	10.5		27	20	23		66	0		
	801	RENK	230	9	20	02	1	5	Ac	12.7		25	22	22		84	0		
	802	ROSEIRES	130	2	20	01	2	5	Sc	11.3		26	18	24		62	0		
	771	EL OBEID	340	7	20	02	2	7	Ac, Cs	9.7		27	15	23		48	0		
	760	EL FASHER	60	3	16	05	2	8	Ac, Cs	10.7		26	8	21		32	0		
	770	GENEINA																	
S. Sûdân	840	MALAKÂL	240	1	20	60	0	7	Sc, Ac	12.4		23	21	21		89	4		
	880	WÂU	220	3	20	03	2	7	Cb, Ac, Ci	10.7		22	21	21		94	11		
	941	JUBA	180	1	24	01	2	5	Ac	12.7		24	23	22		94	1		

SHIP REPORTS IN CODE

13320 30506 73203 99021 14149 45691 68203 05560
13343 24606 81405 97022 11419 0870 34202

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	170	6	110	14	10	10	40	11	10	10	360	11	120	16	90	17	60	11	20	15	130	24
600 m.	190	20	110	10	20	5	60	4	340	12	350	20	140	13	80	15	50	11	360	11	160	23
1000 m.	190	23	160	6	250	3	330	4	300	9	350	12	170	15	280	13	330	12	360	17	180	22
1500 m.	200	17	150	7	330	16	240	7	300	9	310	9	200	15			310	19	340	17	240	10
2100 m.	260	19	160	7	320	24	340	27	280	13	320	24	260	18			330	19	220	25	270	22
2400 m.	270	24	140	16	320	33	330	29	310	16	330	17	270	22			320	37	330	29	270	23
3000 m.			160	5			330	40	320	23							320	42	320	42	280	27
4000 m.			130	3					310	23												
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	26-5		26-5		26-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	6	140	3	170	17	120	19	80	8	80	8	120	19	60	17	60	7	10	4	130	6
600 m.	310	11	150	3	10	8	80	10	70	7	30	14	180	27	100	3	160	2	10	7	160	8
1000 m.	300	10	160	4	350	10	230	9	20	10	30	14	190	23	290	5	50	8	360	11	280	4
1500 m	290	16	150	4	320	4	360	23	350	7	10	20	220	21	340	16	20	12	10	10	100	4
2100 m.	290	16					340	30	340	7	340	22	210	11	320	19	360	17	340	21	180	4
2400 m.	330	16					340	31			350	20	290	9	320	19	360	30	350	14	180	3
3000 m.							330	32			320	35	330	8	310	19	300	28	330	24	180	3
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Cairo(A)		Aswan		Salloum		Matruh		Aswan		Bahariya		Farafra		Dakhla		Kharga	
DATE	27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	230	9	150	14	10	14	300	7	140	6	100	17	330	19	110	14	140	12	360	4	20	4
600 m.	290	13	140	11	50	13	310	12	170	10	120	23	30	3	110	27	160	10	90	1	70	5
1000 m.	280	12	170	10	10	12	300	6	180	13	120	28	10	10	110	30	180	11	40	2	50	5
1500 m.	290	20	200	5	350	31	340	4	180	15	130	26	10	19			250	10			360	15
2100 m	270	34			330	35	350	7	170	14	130	27					260	12				
2400 m.	270	30			330	40					40	20					270	10				
3000 m.											140	34										
4000 m																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb.																						
900 mb.																						
850 mb																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb																						
400 mb																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 27th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Gradual rise in temperature all over the Republic. High and medium clouds over Lower Egypt and Cairo, increasing sometimes on the coast to the west. Winds chiefly moderate SE'ly, at times fresh. In Upper Egypt: Patches of high clouds. Moderate NE'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T. / Sunset 16 49 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	130	5	18	01	2	5	Ac, Cs	9.0	27	17	55
	303	SÎDI BARRÂNI	180	16	18	03	1	[illegible]	[illegible]	10.1	24	16	61
	306	MATRÛH (A)	90	13	15	03	2	7	Ac, Cs	12.1	27	14	45
	309	EL DAB'AA	20	8	20	00	0	7	Ac	12.4	25	13	48
	319	ALEXANDRIA	40	10	20	01	1	5	Ci	13.9	24	18	69
	318	ALEXANDRIA (A)	300	12	12	03	2	0	Ac	13.6	25	16	58
	330	DAMIETTA	40	2	20	03	0	2	Ac	13.6	24	15	57
	333	PORT SA'ÎD (A)	10	5	18	03	0	5	Ci	13.6	24	16	61
	336	EL 'ARISH											
Lower Egypt	338	DAMANHÛR	40	2	10	01	1	2	Ci	14.6	28	15	45
	342	MANSÛRA	360	3	4	03	1	1	Sc	12.7	29	15	43
	348	ṬANṬA	40	5	20	01	1	1	Ci	13.9	28	14	42
	380	SHEBÎN EL KÔM	340	5	20	01	1	1	Cc	10.7	27	6	27
	354	ZAGAZIG	320	1	20	01	1	3	Ac	11.9	28	15	45
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	30	3	16	03	0	3	Ci	11.8	24	11	44
	372	CAIRO ALMÂZA (A)	360	9	20	03	0	2	Cs	12.0	30	11	31
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	6	10	03	1	2	Ci	12.6	29	15	43
	378	ḤELWÂN	360	5	10	02	0	0	—	11.8	30	5	21
Upper Egypt	381	FAYOÛM	20	4	20	02	0	0	—	12.0	30	10	29
	387	MINYA (A)	350	7	8	03	0	2	Ci	12.0	32	6	20
	393	AṢYOÛṬ (A)	330	9	16	03	0	3	Ci	10.9	34	4	15
	399	NAG' ḤAMÂDI	00	0	10	01	0	3	Sc	10.4	35		
	402	QENA	00	0	20	00	0	0	—	9.6	36		
	405	LUXOR (A)	300	7	22	02	0	0	—	8.7	37	6	14
	414	ASWÂN	360	10	15	03	0	1	Ci	8.7	37	0	10
Oases	417	SÎWA	160	14	14	03	2	7	As	10.7	34	5	16
	420	BAHARÎYA	320	5		02	2	6	Cs	12.1	32	16	38
	423	FARAFRA	90	1	20	03	0	1	Ci	11.8	35	3	13
	432	DAKHLA	20	9	22	02	0	0	—	11.8	36	3	13
	435	KHARGA	340	8	15	01	1	2	Ci	11.0	36	6	15
Red Sea	450	SUEZ	60	3	50	02	0	3	Cu	12.0	28	10	33
	459	TÔR											
	462	HURGHÂDA	40	7	20	02	0	3	Ci	9.4	28	15	45
	465	QUSEIR	100	8	10	03	0	0	—	10.5	27	19	62
	641	PORT SÛDÂN	50	13	18	05	0	0	—	8.7	33	26	66
North Sudan	600	WÂDI HALFA	20	7	20	03	0	2	Ci	9.1	36	2	12
	640	ABU HAMAD	340	5	24	01	0	0	—	6.3	38	3	11
	660	KAREIMA	50	5	20	01	1	2	Ci	6.3	38	-1	9
	680	'AṬBARA	330	4	20	01	1	2	Ci	4.6	39	0	5
	721	KHARṬOÛM	360	5	20	02	2	7	Cs	5.5	38	2	11
	730	KASSALA	240	5	20	03	0	1	Ci	3.1	40	0	8
Central Sudan	751	WÂD MEDANI	70	4	20	03	1	6	Cu, Cs	3.0	38	3	11
	801	RENK	230	5	20	02	1	3	Cu	8.6	35	21	44
	802	ROSEIRES	230	5	20	02	1	2	Cu	6.0	33	18	41
	771	EL OBEID	40	10	20	02	2	7	Ac, Cs	6.0	35	6	15
	760	EL FASHER	40	5	16	05	2	8	Cs	5.2	37	1	11
	770	GENEINA	300	8	30	03	1	4	Cb, Ci	7.2	35	14	29
S. Sûdân	840	MALAKÂL	200	10	20	03	6	7	Sc, Ac, Cs	10.4	28	22	70
	880	WÂU	110	1	20	02	2	7	Cu, Sc, Ac	7.5	31	21	55
	941	JUBA	20	3	24	02	2	7	Cu, Ac	8.8	29	23	70

At 1800 on 26th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	90	4	12	02	2	6	Ac, Cs	9.1	24	18	30	+2	69	0
	303	SÎDI BARRÂNI	100	5	15	01	1	2	Ac	9.7	21	18	30		83	0
	306	MATRÛH (A)	110	10	15	03	1	5	Ac, Cs	11.1	21	14	29		65	0
	309	EL DAB'AA	40	6	20	00	0	3	Ac	11.6	21	18	26		83	0
	319	ALEXANDRIA	40	10	20	02	1	5	Ac, Ci	13.9	21	16	25	-2	74	0
	318	ALEXANDRIA (A)	50	8	12	02	2	5	Ac	13.2	21	16	26	-1	74	0
	330	DAMIETTA	360	5	4	03	0	3	Cu	13.0	21	16	25		74	0
	333	PORT SA'ÎD (A)	20	11	18	01	1	1	Ac	13.2	21	14	26	-1	65	0
	336	EL 'ARISH														
Lower Egypt	338	DAMANHÛR	20	2	10	02	0	0	—	13.1	22	15	29	-2	65	0
	342	MANSÛRA	20	5		00	0	0	—	13.6	22	14	29	-4	61	0
	348	ṬANṬA	40	6	20	01	1	2	Ci	13.3	24	16	29	-4	61	0
	380	SHEBÎN EL KÔM	340	2	10	01	1	2	Cs	12.1	23	10	29		44	0
	354	ZAGAZIG	00	0	10	02	0	0	—	10.6	24	17	27	-4	74	0
	441	ISMA'ILÎA														
Cairo Area	366	CAIRO (A)														
	372	CAIRO ALMÂZA (A)	20	8	15	01	1	3	Ac, Cs	12.2	26	11	31	-3	40	0
	374	CAIRO EZBEKÎYA											32	-2		
	375	GIZA	50	5	8	01	1	1	As	10.2	26	[illegible]	30	-4	51	0
	378	ḤELWÂN	00	0		02	1	2	Ci	11.9	26	13	30	-3	42	0
Upper Egypt	381	FAYOÛM	20	3	12	01	2	1	Ci	12.2	26	12	30		42	0
	387	MINYA (A)	00	0	7	01	2	3	Ci	11.7	25	11	33	-3	42	0
	393	AṢYOÛṬ (A)	340	5	12	02	1	3	Ci	11.8	29	6	34	-3	23	0
	399	NAG' ḤAMÂDI			4	02	0		Ac	10.2	29		36	-1		0
	402	QENA	290	2		00	0	0	—	10.2	33		37	-2		0
	405	LUXOR (A)	310	2	12	01	0	0	—	9.2	31	7	38		22	0
	414	ASWÂN	360	9	10	03	0	1	Ci	8.3	33	1	39	-1	13	0
Oases	417	SÎWA	100	12	14	02	2	7	Ns, As	8.5	32	6	36	0	20	0
	420	BAHARÎYA	00	0	20	02	2	4	Ac	10.9	30	16	34	-1	43	0
	423	FARAFRA	90	1	12	03	1	6	Cs	11.6	31	4	36		18	0
	432	DAKHLA	20	4	12	03	1	5	Ci	11.8	32	5	37	-2	18	0
	435	KHARGA	340	4	8	02	0	0	—	8.7	31	2	36	-3	16	0
Red Sea	450	SUEZ	330	2	10	02	0	3	Cu	11.5	27	11	20	-3	37	0
	459	TÔR														
	462	HURGHÂDA														
	465	QUSEIR	00	0	20	01	0	0	—	10.4	26	18	30	-2	55	0
	641	PORT SÛDÂN	340	5	20	02	0	0	—	9.0	28	24	34		79	0
North Sudan	600	WÂDI HALFA	20	6	20	02	0	0	—	8.2	32	5	38		18	0
	640	ABU HAMAD	240	5	24	02	0	0	—	6.4	33	9	39		23	0
	660	KAREIMA	30	1	21	02	0	0	—	6.4	32	2	39		15	0
	680	'AṬBARA	360	3	20	01	0	0	—	4.9	33	1	40		13	0
	721	KHARṬOÛM	340	4	20	01	2	2	Ci	5.5	33	3	40		15	0
	730	KASSALA	00	0	20	02	0	0	—	5.5	30	60	41		22	0
Central Sudan	751	WÂD MEDANI	50	3	20	01	1	1	Cs	5.7	31	-1	40		12	0
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID														
	760	EL FASHER	100	2	25	02	1	0	—	6.4	31	5	37		19	0
	770	GENEINA	310	5	30	13	1	6	Ns, Ac	7.3	31	13	36		33	0
S. Sûdân	840	MALAKÂL	180	2	20	02	2	5	Ac, Cs	10.0	25	21	29		79	3
	880	WÂU	00	0	20	01	2	6	Ci	7.8	27	22	31		74	0
	941	JUBA	00	0	24	02	2	7	Ac	9.4	25	23	29		89	0

At 0600 on MONDAY 27th MAY 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud * Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct 1st	Rainfall Normal from Oct 1st
Mediterranean	62300	SALLOÛM	00	0	18	01	1	2	Ac	11.0	-2.0	26	18	20	+2	[illegible]	0	200	
	303	SÎDI BARRÂNI	100	11	15	00	0	4	Ac	10.7		24	14	18		54	0	237	
	306	MATRÛH (A)	100	11	16	03	0	3	Ac	12.5	-1.3	24	15	18		57	0	210	
	309	EL DAB'AA	90	12	10	00	0	0		11.7		23	12	16		50	2	208	
	319	ALEXANDRIA	130	12	20	03	0	8	Cs	15.0	+1.3	21	16	18	-1	74	0	284	185
	318	ALEXANDRIA (A)	130	7	12	02	0	0	—	14.5	+1.5	22	16	18	0	69	0	256	138
	330	DAMIETTA	90	2	4	02	1	3	Ac	14.4	+1.6	22	16	17	-2	69	0	243	105
	333	PORT SA'ÎD (A)	80	9	16	02	0	2	Sc	14.4	+1.5	23	16	19	-2	65	0		
	336	EL 'ARISH																	
Lower Egypt	338	DAMANHÛR	130	5	4	02	1	8	Cs	14.2	+0.8	22	17	16	-1	74	0	140	101
	342	MANSÛRA	360	3		00	0	0	—	14.7	+1.7	22	16	16	-1	69	0	79	54
	348	ṬANṬA	130	5	20	02	0	0	—	15.1	+1.6	21	16	16	0	74	0	92	43
	380	SHEBÎN EL KÔM	340	2	10	01	1	2	Sc	14.0	-0.7	28	15	17		65	0	68	
	354	ZAGAZIG	00	0	10	02	0	0	—	13.3	+0.1	22	17	17	+1	74	0	53	27
	441	ISMA'ILÎA																	
Cairo Area	366	CAIRO (A)	90	10	16	02	0	0	—	13.1		25	10	14		39	0	55	
	372	CAIRO ALMÂZA (A)	50	10	12	02	0	0	—	13.1	+0.6	25	6	20	+1	30	0	60	
	374	CAIRO EZBEKÎYA										24	14	20	+2	54	0	43	26
	375	GIZA	330	3	4	05				13.8	+1.0	24	15	17	+1	59	0	58	26
	378	ḤELWÂN	00	0	10	02	0	0		13.9	+0.7	25	8	20	+1	34	0	36	29
Upper Egypt	381	FAYOÛM	20	4	20	02	2	8	As	13.6	+1.0	26	14	19	+1	48	0	16	8
	387	MINYA (A)	00	0	8	02	0	0	—	12.7	+0.3	26	12	17	-1	42	0	10	
	393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	12.5	+0.8	27	8	22	+2	30	0	dr	
	399	NAG' ḤAMÂDI	00	0		00	0	2	Ac	11.7	+1.4	26	14	19	0	48	0	1	
	402	QENA	320	2	10	05		0	—	11.5	+1.4	27		23	+1		0	dr	
	405	LUXOR (A)	00	0	22	02	6	0	—	10.9	+1.0	31	10	21		28	0	0	
	414	ASWÂN	00	0	17	02	0	0	—	11.1	+0.9	31	4	23	-2	18	0	8	
Oases	417	SÎWA	110	12	16	02	1	3	Ac	10.6	-3.4	28	5	22	+5	23	0	27	8
	420	BAHARÎYA	00	0	10	02	2	5	Cs	12.4	-0.8	28	15	22	+4	45	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	12.9		26	3	20		23	0	dr	
	432	DAKHLA	90	2	15	02	0	0	—	13.0		28	6	23	+2	25	0	1	
	435	KHARGA	00	0	10	02	0	0	—	10.7		29	11	20	-2	33	0	3	
Red Sea	450	SUEZ																45	17
	459	TÔR																	
	462	HURGHÂDA																0.4	
	465	QUSEIR	350	17	20	03	0	1	Ci	11.5		26	16	23	-2	55	0	dr	
	641	PORT SÛDÂN	330	1	20	02	0	0	—	9.3		32	21	21		52	0		
North Sudan	600	WÂDI HALFA	20	2	20	02	0	0	—	11.0		27	7	27		28	0		
	640	ABU HAMAD	50	5	24	02	0	0	—	9.7		31	5			19	0		
	660	KAREIMA	100	3	21	01	1	1	Ci	9.4		31	5	25		19	0		
	680	'AṬBARA																	
	721	KHARṬOÛM	10	18	18	05	0	0	—	7.3		31		24		13	0		
	730	KASSALA	170	6	20	02	0	0	—	7.2		30	17	21		46	0		
Central Sudan	751	WÂD MEDANI	270	3	20	02	0	2	Ci	8.8		29	17	21		49	0		
	801	RENK	230	5	20	02	0	0	—	11.6		27	21	22		70	0		
	802	ROSEIRES	230	5	20	02	0	1	Ci	8.4		28	19	23		58	0		
	771	EL OBEID	350	3	20	01	0	0	—	8.2		28	0	20		16	0		
	760	EL FASHER	330	1	30	02	1	7	Cs	11.9		23	-2	17		19	0		
	770	GENEINA	00	0	30	02	0		Ci	11.7		21	8	19		44	0		
S. Sûdân	840	MALAKÂL	250	5	20	02	2	7	Ac, Cs	11.2		25	21	21		79	3		
	880	WÂU	00	0	20	01	1	4	Ac	9.6		25	22	23		84	0		
	941	JUBA	200	1	24	03	2	7	Ac	11.1		25	23	23		89	0		

SHIP REPORTS IN CODE

1200	1800	0600
13337 24 78271 109 98022 11620 00908 00217 111 21	13343 27518 21701 98020 12819 10810 25401 00217 11720	23286 22906 03019 98020 12723 00900 75220 20019 13524
13340 26 512 31404 98020 12520 32890 32890 003 17	13326 28418 7111 98031 10135 63602 25267 00065 12211	23226 37106 33012 98020 09928 00909 86214 20219 13222
13331 27112 71408 98011 12820 52459 26701 000 17	13327 28818 51405 98012 13220 35430 26204 00117 11421	23260 35106 33318 98031 10627 24708 34110 20222 13224
13247 36012 13209 98020 09982 00901 34815 10267	13270 34118 03307 98020 09527 00900 75102 00122 13312	23341 23006 61216 98022 10619 00910 24420 20163 11234
13279 88612 13510 99020 16898 00005 35818 01369	13267 34618 12305 99020 1078 00068 35310 00069 12721	23329 29506 54105 98031 15220 53900 34219 00018 11121
13259 35212 13310 98020 16327 00705 75400 00220	13281 33548 63120 98031 08726 00317 13034	23243 37206 03316 99020 10327 00900 23109 00174 13323

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Alex(A)		P. Said		Minya		Asyout		Alex(A)		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	27-5		27-5		27-5		27-5		27-5		27-5		27-5		27-5		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		[illegible]		[illegible]		[illegible]		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	10	100	13	60	23	70	17	30	17	10	15			100	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	100	31	100	14	50	16	70	17	50	14	10	12	10	20	70	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	90	19	100	14	50	10	40	13	60	5	360	12	360	14	60	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.	180	27	140	5	40	16	10	15	360	8	360	12	10	15	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m.	120	12	80	5	360	26	340	15	10	13			340	6	10	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2400 m.			340	4	340	23			10	15							[illegible]	[illegible]						
3000 m.			300	4					340	23							310	[illegible]						
4000 m.																								
5000 m.																								
6000 m.																								

STATION	Salloum		Matruh		Cairo(A)		Alex(A)		P. Said		Minya		Asyout		Alex(A)		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	27-5		27-5		27-5		28-5		28-5		28-5		28-5		28-5		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	2300		2300		2300		0500		0500		0500		0500		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	120	10	110	31	90	28	90	18	[illegible]	[illegible]	60	16	330	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	110	23	100	27	60	19	90	21	[illegible]	[illegible]	[illegible]	17	320	16	[illegible]	[illegible]	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	110	31	90	26	30	14	80	18	20	17	40	19	20	6	70	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.	100	15	70	26	350	20	20	24	60	10	20	25	20	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2100 m.	40	17	70	10	350	24	10	30	40	10					30	[illegible]	[illegible]	[illegible]						
2400 m.	20	14	90	4			10	31	30	13							[illegible]	[illegible]						
3000 m.	30	10	240	6					350	13							[illegible]	[illegible]						
4000 m.			300	15					10	17														
5000 m.			290	22																				
6000 m.																								

STATION	Salloum		Matruh		Cairo(A)		Aswan		S. Bo[illegible]		Matruh		Aswan		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	28-5		28-5		28-5		28-5		28-5		28-5		28-5		28-5		[illegible]		[illegible]		[illegible]		[illegible]	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		[illegible]		[illegible]		[illegible]		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	110	10	120	16	70	19	360	10	100	14	100	11	350	32	90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	160	17	100	17	60	21	360	21	140	14	110	12	350	40	100	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1000 m.	150	11	80	18	60	22	10	31	100	9	90	13	350	32	120	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1500 m.	140	17			30	22	350	43	110	17			350	30	150	[illegible]							[illegible]	[illegible]
2100 m.	130	23													30	[illegible]								
2400 m.	150	22													80	2								
3000 m.															70	5								
4000 m.															360	[illegible]								
5000 m.																								
6000 m.																								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																								
DATE																								
TIME																								
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED				
Surface																								
1000 mb.																								
950 mb.																								
900 mb.																								
850 mb.																								
800 mb.																								
700 mb.																								
600 mb.																								
500 mb.																								
400 mb.																								
300 mb.																								
200 mb.																								

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE [illegible] 195[illegible]

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

Code	Description	Note
00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow

Temperature continues to rise gradually all over the Republic. Winds chiefly [illegible] veering to moderate to fresh [illegible]. Some high clouds during day.

In Upper Egypt: Moderate NE ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 02 55 U.T. / Sunset 16 49 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 27th

Area	Index	Station	Wind Dir. Deg.	Wind Velocity Knots	Visibility Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	30	4	18	02	0	0	—	9.5	32	16	38
	303	SÎDI BARRÂNI	90	22	16	02	0	0	—	9.6	26	18	62
	306	MATRÛH (A)	80	22	16	02	0	0	—	12.3	29	14	40
	309	EL DAB'AA	10	15	20	00	0	0	—	12.1	27	16	52
	319	ALEXANDRIA	40	3	20	02	1		cs	14.3	29	19	55
	318	ALEXANDRIA (A)	40	9	12	02	0	0	—	13.8	32	16	38
	330	DAMIETTA	160	2	20	00	0	0		14.8	25	17	61
	333	PORT SA'ÎD (A)	30	5	24	02	0	0	—	15.0	24	17	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	10	01	2	6	ci	13.9	31	13	33
	342	MANSÛRA	90	3	4	02	0	0	—	14.2	31	15	38
	348	TANTA	40	6	20	03	2	8	cs	15.0	31	12	31
	360	SHEBÎN EL KÔM	290	5	20	00	0	0	—	14.3	29	3	19
	354	ZAGAZIG	00	0	20	02	0	0	—	13.3	29	14	40
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	40	8	25	02	0	0	—	12.9	32	5	18
	372	CAIRO ALMÁZA (A)	20	14	25	02	0	0	—	12.6	31	5	19
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	8	8	02	0	0	—	13.5	31	10	28
	378	HELWÂN	360	8	10	02	0	0	—	12.7	32	2	15
Upper Egypt	381	FAYOÛM	20	4		02	2	8	As	12.3	34	6	18
	387	MINYA (A)	10	9	10	02	0	0	—	11.9	35	10	22
	393	ASYOÛT (A)	300	10	16	02	0	0	—	10.9	36	4	13
	399	NAG' HAMÂDI	00	0	10	01	0	8	Ac	10.2	38	11	19
	402	QENA	290	14	20	00	0	0	—	9.4	38		
	405	LUXOR (A)	340	9	16	02	0	0	—	8.9	38	1	10
	414	ASWAN	360	15	15	05	0	0	—	8.4	39	4	12
Oases	417	SÎWA	140	13	14	02	1	0	—	7.9	41	1	8
	420	BAHARÎYA	110	4	20	02	1	0	—	11.4	37	20	37
	423	FARAFRA	170	3	20	02	0	0	—	10.5	40	0	8
	432	DAKHLA	290	8	20	02	0	0	—	11.0	40	7	13
	435	KHARGA	330	3	20	02	0	0	—	9.0	38	7	15
Red Sea	450	SUEZ	330	2	50	02	0	0	—	12.8	30	8	25
	459	TÔR											
	462	HURGHÀDA											
	465	QUSEIR	350	11	4	01	0	0	—	11.1	26	17	58
	641	PORT SÛDÂN	60	14	20	02	0	0	—	7.3	34	26	63
North Sudan	600	WÂDI HALFA	20	8	20	35	2	0	—	8.3	39	3	11
	640	ABU HAMAD	50	18	15	05	0	0	—			3	
	660	KAREIMA	90	12	16	07	0	0	—	6.8	39	5	12
	680	'ATBARA	90	12	16	07	0	0	—	5.8	30	5	12
	721	KHARTOÛM	20	6	20	02	0	0	—	4.4	40	0	8
	730	KASSALA	00	0	20	03	0	1	cu	2.4	40	11	17
Central Sudan	751	WÂD MEDANI	90	6	20	02	0	2	cs	4.1	39	-1	8
	801	RENK											
	802	ROSEIRES	50	2	20	02	0	1	cu	3.3	38	10	18
	771	EL OBEID	360	3	20	02	0	5	ci	4.7	37	-3	8
	760	EL FASHER	80	13	30	02	2	7	cs	5.1	37	0	10
	770	GENEINA	60	4	50	03	1	4	Ac,cs	6.9	36	-5	7
S Sûdân	840	MALAKÂL	150	5	20	02	2	3	cu	7.4	33	22	53
	880	WÂU	00	0	20	01	1	3	cu,ci	6.3	31	21	55
	941	JUBA	200	1	24	01	1	6	cu,Acc	6.3	32	22	56

At 1800 on 27th

Index	Station	Wind Dir. Deg.	Wind Velocity Knots	Visibility Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms
62300	SALLOÛM	120	12	12	02	0	0	—	10.4	25	15	35	+7	54	0
303	SÎDI BARRÂNI	90	19	15	02	0	0		9.6	23	17	36		78	0
306	MATRÛH (A)	90	17	15	02	0	0	—	12.2	21	17	30		73	0
309	EL DAB'AA	90	6	20	00	0	0	—	12.4	22	17	29		74	0
319	ALEXANDRIA	90	11	20	01	1	0	—	13.8	23	15	29	+2	61	0
318	ALEXANDRIA (A)	80	7	12	02	0	0	—	13.4	24	16	32	+5	61	0
330	DAMIETTA	70	2		02	0	0	—	14.6	22	17	25	-2	74	0
333	PORT SA'ÎD (A)	40	14	18	01	0	0	—	14.5	22	18	26	-1	78	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	1	0	—	13.8	22	16	32	+1	69	0
342	MANSÛRA	40	3		02	0	0	—	13.8	23	16	32	-1	65	0
348	TANTA	40	7	10	02	0	0	—	14.4	24	15	32	-1	57	0
360	SHEBÎN EL KÔM	320	2	10	01	1	1	Sc	14.0	23	19	31		79	0
354	ZAGAZIG	00	0	10	02	1	0	—	11.9	25	17	31	-2	61	0
441	ISMA'ILIA														
366	CAIRO (A)	70	12	12	02	0	0	—	13.0	26	13	32		45	0
372	CAIRO ALMÁZA (A)	40	19	10	02	0	0	—	12.8	27	9	32	-2	33	0
374	CAIRO EZBEKÎYA											33	-1		
375	GIZA	40	6	8	02	0	0	—	13.0	27	14	32	-2	45	0
378	HELWÂN	40	10	10	03	1	4	Ci	13.0	27	9	33	0	33	0
381	FAYOÛM	20	4	20	01	1	0	—	11.9	28	9	35	0	31	0
387	MINYA (A)	360	1	7	02	0	0	—	11.2	26	12	35	-1	42	0
393	ASYOÛT (A)	360	3	16	02	0	0	—	11.0	30	8	37	0	25	0
399	NAG' HAMÂDI	00	0	4	00	0	0	—	10.0	31	10	38	+1	28	0
402	QENA	290	2		00	0	0	—	9.5	34		39	0		0
405	LUXOR (A)	80	20	12	02	0	0	—	8.4	33	6	39		19	0
414	ASWAN	360	4	6	05	0	0	—	8.6	34	6	40	0	18	0
417	SÎWA	90	8	14	02	0	0	—	6.7	36	1	42	+6	11	0
420	BAHARÎYA	70	6	20	02	0	0	—	11.0	35	18	39	+4	37	0
423	FARAFRA	110	2	12	02	0	0	—	9.4	30	-8	40		8	0
432	DAKHLA	80	5	15	02	0	0	—	10.4	34	4	41	+2	15	0
435	KHARGA	00	0	9	02	0	0	—	8.6	32	8	39	0	22	0
450	SUEZ	330	3	10	03	0	1	cu	12.6	27	13	32	-2	42	0
459	TÔR														
462	HURGHÀDA														
465	QUSEIR	350	12	20	02	0	0	—	9.9	28	4	29	-3	22	0
641	PORT SÛDÂN	330	3	20	02	0	1	Ac	7.9	29	23	36		70	0
600	WÂDI HALFA	20	10	20	02	0	0	—	8.3	35	3	41		13	0
640	ABU HAMAD	20	9	20	02	0	0	—	6.0	34	6	41		18	0
660	KAREIMA	50	12	18	07	0	0	—	6.3	35	5	41		15	0
680	'ATBARA	10	3	20	02	0	0	—	4.6	34	1	41		12	0
721	KHARTOÛM	360	6	20	01	0	0	—	4.4	35	5	40		15	0
730	KASSALA	360	1	20	01	0	0	—	4.0	31	9	41		26	0
751	WÂD MEDANI	360	6	20	02	1	2	ci	4.2	32	-6	41		8	0
801	RENK														
802	ROSEIRES														
771	EL OBEID	00	0	20	01	0	0	—	5.4	29	8	37		27	0
760	EL FASHER	70	5	30	02	2	7	CS	5.0	32	-5	38		9	0
770	GENEINA	00	0	50	01	1	0	—	7.1	29	11	37		33	0
840	MALAKÂL														
880	WÂU	00	0	20	01	1	0	—	7.1	29	11	38		33	0
941	JUBA	00	0	24	17	9	5	cb,Ac	8.5	27	22	33		74	0

At 0600 on TUESDAY 28th MAY 1957

Index	Station	Wind Dir. Deg.	Wind Velocity Knots	Visibility Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
62300	SALLOÛM	00	0	18	02	0	0	—	13.5	+0.5	24	17	20	+2	65	0	260	
303	SÎDI BARRÂNI	80	8	18	00	0	0	—	13.5		23	15	17		61	0	257	
306	MATRÛH (A)	100	12	16	02	0	0	—	14.2	+0.4	23	17	16		69	0	270	
309	EL DAB'AA	90	10	10	00	0	0	—	13.6		23	16	19		65	0	208	
319	ALEXANDRIA	90	10	20	02	0	0	—	15.2	+1.5	23	18	18	-1	74	0	284	185
318	ALEXANDRIA (A)	90	9	12	02	0	0	—	14.8	+2.0	24	18	19	+1	69	0	256	138
330	DAMIETTA	90	5	10	00	0	0	—	15.1	+2.4	23	18	18	-1	74	0	243	105
333	PORT SA'ÎD (A)	70	11	14	01	0	0	—	15.2	+2.3	23	18	20	-1	74	0		
336	EL 'ARISH																	
339	DAMANHÛR	90	2	10	02	0	0	—	14.4	+1.2	23	18	16	-1	53	0	140	101
342	MANSÛRA	40	7		00	0	0	—	14.7	+1.7	24	19	18	+1	74	0	79	54
348	TANTA	160	8	20	02	0	0	—	15.4	+2.0	22	15	16	0	65	0	92	43
360	SHEBÎN EL KÔM	70	2	10	00	0	0	—	14.4	+1.2	23	15	17		61	0	68	
354	ZAGAZIG	140	1	10	02	0	0	—	13.3	+0.2	23		17	+1		0	53	27
441	ISMA'ILIA																	
366	CAIRO (A)	80	10	16	02	0	0	—	13.7		25	12	18		45	0	55	
372	CAIRO ALMÁZA (A)	40	10	15	02	0	0	—	13.1	+0.6	26	7	18	-1	30	0	60	
374	CAIRO EZBEKÎYA										25	13	18	0	48	0	43	26
375	GIZA	40	6	8	02		0	—	13.1	+0.3	25	14	17	+1	51	0	58	26
378	HELWÂN	70	11	10	02	0	0	—	13.0	+0.4	28	5	18	-1	23	0	36	29
381	FAYOÛM	360	4	20	02	0	0	—	13.3	+0.7	27	12	19	+1	40	0	16	8
387	MINYA (A)	20	4	8	02	0	0	—	11.7	-0.7	27	10	17	-1	35	0	10	
393	ASYOÛT (A)	300	2	16	02	0	0	—	11.4	-0.3	27	6	22	+3	27	0	dr.	
399	NAG' HAMÂDI	00	0		01	0	2	Ac	10.8	+0.6	27	11	20	+1	37	0	1	
402	QENA	270	2	10	00	0	0	—	10.3	+0.3	30		23	+1		0	dr.	
405	LUXOR (A)	00	0	22	02	0	0	—	9.7	-0.1	30	8	23		25	0	0	
414	ASWAN	360	8	8	02	0	0	—	9.3	-0.8	30	3	24	-1	18	0	8	
417	SÎWA	100	14	12	02	0	0	—	11.0	-3.0	28	8	23	+6	29	0	27	8
420	BAHARÎYA	00	0	10	02	0	0	—	11.9	-1.3	27	17	21	+3	55	0	2	7
423	FARAFRA	00	0	15	02	0	0	—	12.2			2	20		19	0	dr.	
432	DAKHLA	110	4	20	02	0	0	—	11.9	+0.1	30	6	22	+1	22	0	1	
435	KHARGA	00	0	10	02	0	0	—	9.1	-1.5	30	10	21	-1	29	0	3	
450	SUEZ	330	2	20	00	0	0	—	13.3	+1.2	22	11	16	-4	50	0	45	17
459	TÔR																	
462	HURGHÀDA	340	14	22	02	0	0	—	10.2	+0.4	27	11	19	-?	27	0	0.4	
465	QUSEIR	350	13	20	02	0	0	—	9.9	0.0	28	17	23	-2	52	0	dr.	
641	PORT SÛDÂN	40	4	20	02	0	0	—	8.1		32	22	21		56	0		
600	WÂDI HALFA	00	0	16	05	0	0	—	9.6		29	7	22		25	0		
640	ABU HAMAD	50	5	15	05	0	0	—	7.5		31	5	26		19	0		
660	KAREIMA	70	2	20	02	0	0	—	8.2		31	8	27		24	0		
680	'ATBARA	350	7	[illegible]	05	0	0	—	6.8		31	5	18		17	0		
721	KHARTOÛM	210	14	16	05	0	0	—	6.3		31	3	25		17	0		
730	KASSALA	30	5	20	02	0	0	—	5.0		33	3	21		15	0		
751	WÂD MEDANI	90	2	20	02	0	0	—	6.5		29	1	20		17	0		
801	RENK	230	5	20	02	0	0	—	8.9		29	22	24		66	0		
802	ROSEIRES																	
771	EL OBEID	00	0	18	05	0	0	—	7.2		29	4	19		20	0		
760	EL FASHER																	
770	GENEINA																	
840	MALAKÂL	240	6	20	03	2	5	CS	9.0		27	21	24		70	0		
880	WÂU																	
941	JUBA	180	4	24	01	0	2	Ci	9.1		25	21	22		19	0		

Coded reports

1200:
23338 24312 11118 98020 11227 00901 24102
23327 27412 71010 98021 14622 00901
23352 33718 11205 98010 09828 38740
23244 36212 57416 98020 08628 11440 36710

1800:
23256 35418 23410 98020 08526 00909 76201 00120 13442
23319 31718 01205 99020 14421 00900 34503 00015 11221
23342 27818 21704 98010 14921 20x01 65400 00021
23335 25318 11118 98020 12920 00910 24202 00117 11123

Ship Reports in code

0600:
33282 33106 03126 98020 09727 00900 76217 03140 13123
33828 28806 01109 99020 15220 00900 24102 00118 11122
33842 29406 00000 97020 16521 00900 65106 00217 10 0KK
33228 38046 03218 98020 07827 00000 33400 03403 13258

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		Minya		Sum		[illegible]		[illegible]		Minya		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		28-5		28-5		28-5		28-5		28-5		28-5	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		1500		1500		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	[illegible]	[illegible]	40	32	40	21	10	26	90	29
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	38	70	[illegible]	50	30	50	31	10	3	90	21
1000 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19	20	21	70	[illegible]	70	28	40	28	20	6	30	15
1500 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30	14	80	17	55	27	40	23	20	10	70	[illegible]
2100 m.	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			90	14	60	23	110	9			30	16
2400 m.	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	60	21	[illegible]	10			350	9
3000 m.	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	4	60	23					340	16
4000 m.									[illegible]	[illegible]			340	12	40	22					350	20
5000 m.																						
6000 m.																						

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		Minya		[illegible]		[illegible]		[illegible]		Minya		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		29-5		29-5		29-5		29-5		29-5		29-5	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	25	[illegible]	21	350	[illegible]	60	23
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	12	[illegible]	[illegible]	60	33	30	9	20	12	70	[illegible]
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	32	50	7	40	10	200	5
1500 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					350	11	70	10
2100 m.	[illegible]	[illegible]	210	[illegible]			50	[illegible]	110	17	320	11	20	[illegible]							[illegible]	20
2400 m.	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]			[illegible]	[illegible]							[illegible]	29
3000 m	[illegible]	[illegible]											[illegible]	[illegible]							[illegible]	[illegible]
4000 m	[illegible]	[illegible]											[illegible]	[illegible]								
5000 m	[illegible]	[illegible]											[illegible]	[illegible]								
6000 m.																						

STATION	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	
DATE	[illegible]		[illegible]		[illegible]		29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5	
TIME	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	5	50	16	320	6	10	4
600 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	350	2	50	16	360	6	360	4
1000 m	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	3	50	11	10	13	360	5
1500 m.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					100	8	70	15	30	13	330	7
2100 m					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									10	13	30	3
2400 m					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					30	4	10	10	10			
3000 m					[illegible]	[illegible]			[illegible]	4					120	7	50	11	20	14	360	3
4000 m															30	9	70	10				
5000 m																	20	9				
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 77

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE [illegible] 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls (within sight during past hour)
19 Funnel cloud (s) (within sight during past hour)
20 Drizzle (not freezing) (not falling as shower (s))
21 Rain (" ") (not falling as shower (s))
22 Snow (not falling as shower (s))
23 Rain and snow (not falling as shower (s))
24 Freezing drizzle or rain (not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour but not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 Slight or moderate duststorm or sandstorm — no change
32 Slight or moderate duststorm or sandstorm — increased
33 Severe duststorm or sandstorm — decreased
34 Severe duststorm or sandstorm — no change
35 Severe duststorm or sandstorm — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " , depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent — slight
51 " " " continuous — slight
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles (with or without fog)
77 Granular snow (with or without fog)
78 Isolated star like snow crystals (with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain (Thunderstorm during preceding hour but not at time of observation)
92 Moderate or heavy rain (Thunderstorm during preceding hour but not at time of observation)
93 Slight snow * (Thunderstorm during preceding hour but not at time of observation)
94 Moderate or heavy snow * (Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail (Thunderstorm at time of observation)
96 " " " with " (Thunderstorm at time of observation)
97 " heavy without hail (Thunderstorm at time of observation)
98 " with duststorm or sandstorm (Thunderstorm at time of observation)
99 " heavy with hail (Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.
Temperature continues to rise gradually, but remains about normal. Mainly clear. Moderate NE'ly winds, fresh at times in the Delta with light rising dust. In Western Desert: Moderate SE'ly winds. Chance for early morning fog in scattered places in the north.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 55 U.T. / " " Sunset 16 20 U.T.

All Times are Universal Times (Two hours slower than local time)

At 1200 on 28/5

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
Mediterranean	62300	SALLOÛM	90	4	18	02	0	0	—	13.4	27	19	62
	303	SÎDI BARRÂNI	90	16	18	02	0	0	—	13.2	24	20	79
	306	MATRÛH (A)	50	15	16	02	0	0	—	14.0	22	17	74
	309	EL DAB'AA	40	16	20	00	0	0	—	13.7	25	12	45
	319	ALEXANDRIA	40	16	20	02	●	0	—				
	318	ALEXANDRIA (A)	40	16	12	02	●	0	—	13.9	30	17	64
	330	DAMIETTA	90	5	20	02	0	0	—	15.0	26	18	62
	333	PORT SAÏD (A)	20	13	20	02	0	0	—	14.6	25	20	74
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	9	10	02	0	0	—	14.0	32	16	38
	342	MANSÛRA	40	5	4	02	0	0	—	13.8	31	14	36
	348	ṬANṬA	40	8	20	02	0	0	—	14.8	32	13	32
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	13.6	31	10	28
	354	ZAGAZIG	40	1	20	02	0	0	—	12.6	30	17	46
	441	ISMA'ILÎA											
Cairo Area	366	CAIRO (A)	50	14	16	02	0	0	—	11.6	33	6	19
	372	CAIRO ALMÂZA (A)	40	12	20	02	0	0		11.8	32	5	18
	374	CAIRO EZBEKÎYA											
	375	GIZA	160	11	10	02	0	0	—	12.8	32	11	29
	378	HELWÂN	20	11	20	02	0	0	—	11.2	33	4	16
Upper Egypt	381	FAYOÛM	20	6	20	02	0	0	—	11.1	35	6	16
	387	MINYA (A)	340	10	10	02	0	0	—	10.2	36	0	10
	393	AṢYOÛT (A)	340	12	16	02	0	0	—	8.8	37	3	8
	399	NAG' HAMÂDI	00	0	10	00	0	0	—	8.2	37	—	
	402	QENA	360	4	20	00	●	0	—	7.1	39	0	9
	405	LUXOR (A)	330	5	22	02	0	0	—	6.4	38	1	10
	414	ASWÂN	360	20	12	02	0	0	—	6.1	40	8	14
Oases	417	SÎWA	40	16	14	02	0	0	—	10.6	39	3	11
	420	BAHARÎYA	40	5	7	02	0	0	—	11.1	36	19	37
	423	FARAFRA	40	2	20	02	0	0	—	9.3	40	18	28
	432	DAKHLA	340	5	21	02	0	0	—	9.8	40	9	15
	435	KHARGA	[illegible]	[illegible]	8	02	0	0	—	6.7	39	7	14
Red Sea	450	SUEZ	60	3	50	02	0	0	—	12.0	31	12	31
	459	TÔR											
	462	HURGHÂDA	360	12	22	02	0	0	—	8.6	80	16	43
	465	QUSEIR	340	10	20	02	0	0		9.4	29	16	46
	641	PORT SÛDÂN	70	11	20	02	0	0		5.5	33	26	66
North Sudan	600	WÂDI HALFA	80	12	10	06	0	0	—	6.6	40	1	9
	640	ABU HAMAD	360	13	10	07	0	0		3.7	40	5	12
	660	KAREIMA	60	12	18	07	0	0		4.0	40	9	15
	680	'AṬBARA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	2.8	40	2	10
	721	KHARṬOÛM	40	[illegible]	20	02	●	0		2.3	40	4	11
	730	KASSALA	00	0	20	02	0	0	—	0.7	40		
Central Sudan	751	WÂD MEDANI	00	0	20	02	0	0		0.9	40	0	6
	801	RENK	310	5	20	02	0	4	Cu	4.1	40	4	4
	802	ROSEIRES	130	2	20	02	0	2	Cu	0.7	39	19	32
	771	EL OBEID	20	12	18	05	0	1	Ci	2.5	39	3	11
	780	EL FASHER	30	12	12	07	2	7	Cs	3.6	39	-1	8
	770	GENEINA	30	1	50	01	0	0		5.4	37	4	13
S. Sûdân	840	MALAKÂL	250	7	20	03	2	3	Cb, Cs	4.3	35	21	44
	880	WÂU	00	0	20	03	2	6	Cb, Ac	4.1	35		
	941	JUBA	130	1	24	03	1	3	Cu, Ci	4.7	33	21	50

At 1800 on 28/5

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity	
62300	SALLOÛM	60	8	16	02	0	0	—	13.5	23	16	29	+1	65	0
303	SÎDI BARRÂNI	90	15	16	02	0	0	—	13.6	21	19	25		88	0
306	MATRÛH (A)	90	8	16	02	0	0	—	14.8	20	19	29		94	0
309	EL DAB'AA	360	10	20	00	0	0	—	13.5	21	18	26		83	0
319	ALEXANDRIA	40	14	20	02	0	0	—	14.7	22	19	28	+1	83	0
318	ALEXANDRIA (A)	40	11	12	02	0	0	—	14.3	22	16	31	+4	69	0
330	DAMIETTA	360	2	4	02	0	0	—	14.3	22	17	27	0	74	0
333	PORT SAÏD (A)	10	16	18	02	0	0	—	13.9	22	19	26	-1	83	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	14.3	23	15	32	+1	61	0
342	MANSÛRA	40	5	1	02	0	0	—	14.0	23	15	32	-1	61	0
348	ṬANṬA	40	7	20	02	0	0	—	14.6	24	13	33	0	50	0
360	SHEBÎN EL KÔM	320	5	10	00	0	0	—	14.3	25	13	32		48	0
354	ZAGAZIG	00	0	10	02	0	0	—	13.3	25	17	31	-2	61	0
441	ISMA'ILÎA														
366	CAIRO (A)	60	12	12	02	0	0		12.9	24	12	33		47	0
372	CAIRO ALMÂZA (A)	40	18	15	02	0	0	—	12.4	25	12	33	-1	45	0
374	CAIRO EZBEKÎYA											33	-1		0
375	GIZA	180	15	8	02	0	0	—	14.2	25	12	33	-1	45	0
378	HELWÂN	20	15	10	02	0	0	—	12.3	25	15	30	-4	48	0
381	FAYOÛM	20	6	20	02	0	0	—	11.6	27	9	35	0	33	0
387	MINYA (A)	20	14	8	02	0	0	—	8.8	29	7	36	0	25	0
393	AṢYOÛT (A)	00	0	12	02	0	0	—	8.3	29	8	38	+1	27	0
399	NAG' HAMÂDI	00	0	4	01	0	3	AC	7.2	28	13	38	+1	40	0
402	QENA	200	2	<0.05	00	5	0	—	7.1	33		40	+1		0
405	LUXOR (A)	310	8	12	02	0	0	—	5.6	32	0	41		13	0
414	ASWÂN	360	7	10	02	0	0	—	5.1	35	-2	40	0	9	0
417	SÎWA	80	9	14	02	0	0	—	10.9	34	-1	40	+4	11	0
420	BAHARÎYA	40	7	20	02	0	0	—	10.2	32	18	38	+3	43	0
423	FARAFRA	80	4	12	02	0	0	—	10.0	32	16	40		4	0
432	DAKHLA	20	8	9	02	0	0	—	9.0	35	8	41	+2	19	0
435	KHARGA	340	3	20	02	0	0	—	6.6	33	0	40	+1	12	0
450	SUEZ	330	3	10	02	0	0	—	11.8	27	14	34	0	45	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	270	6	20	02	0	0	—	7.5	28	12	30	-2	37	0
641	PORT SÛDÂN	00	0	20	02	0	0	—	6.9	28	25	34		84	0
600	WÂDI HALFA	20	7	8	02	0	0	—	6.4	35	4	42		14	0
640	ABU HAMAD	310	13	18	05	0	0	—	3.6	35	3	41		13	0
660	KAREIMA	60	9	18	07	0	0	—	4.1	36	-2	41		9	0
680	'AṬBARA	00	0	10	02	0	0	—	3.6	33	5	41		17	0
721	KHARṬOÛM	350	9	16	05	0	0	—	3.4	35	5	41		15	0
730	KASSALA	350	2	20	02	0	0	—	3.2	31	3	39		17	0
751	WÂD MEDANI	360	4	20	03	0	0	—	2.9	33	9	41		23	0
801	RENK														
802	ROSEIRES											40			
771	EL OBEID											39			
780	EL FASHER											39			
770	GENEINA											38			
840	MALAKÂL	330	2	20	02	2	6	Cu, Ac, Cs	5.1	31	21	36		55	
880	WÂU											36			
941	JUBA	00	0	24	13	2	7	Cb, Ac, Cs	6.5	27	25	34		89	0

At 0600 on WEDNESDAY 29/5

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure	Pressure change	Dry Bulb	Dew Point	Minimum	Diff. from normal	Relative Humidity	Rainfall	Rainfall total mms.	Normal From Oct. 1st
62300	SALLOÛM	00	0	18	02	0	0	—	13.9	+0.9	24	18	[illegible]	[illegible]	[illegible]		260	
303	SÎDI BARRÂNI	180	13	15	00	0	0		14.0		[illegible]	[illegible]	[illegible]		41		257	
306	MATRÛH (A)	100	9	18	02		0	—	15.1	+1.4	23	16	15		65	0	270	
309	EL DAB'AA	90	4	10	00				13.6		25	17	14		74	0	208	
319	ALEXANDRIA																284	185
318	ALEXANDRIA (A)	50	11	12	02	0	0		14.8	+1.8	23	17	17	-1	61	0	256	138
330	DAMIETTA	40	5	10	00	0	0	—	15.4	+0.2	23	17	17	0	74	0	243	105
333	PORT SAÏD (A)	50	15	14	02	0	0	—	13.9	[illegible]	24	19	21	0	74	0		
336	EL 'ARISH																	
339	DAMANHÛR	40	5	10	02	0	0	—	14.2	+0.7	[illegible]	[illegible]	[illegible]	[illegible]	61	0	140	101
342	MANSÛRA	360	7	3	00	0	0	—	13.9	+1.5	24	14	17	+1	47	0	79	54
348	ṬANṬA	40	8	20	02	0	0	—	14.8	+1.1	23	12	16		38	0	92	43
360	SHEBÎN EL KÔM	40	2	50	00	0	0	—	14.7	+1.5	24	14	17		61	0	68	
354	ZAGAZIG	320	1	10	02	0	0	—	13.5	+0.2	24	15	17	+1	59	0	53	27
441	ISMA'ILÎA																	
366	CAIRO (A)	70	8	12	01	0	0		12.6		24	16	18		61	0	55	
372	CAIRO ALMÂZA (A)	40	16	15	02	0	0		12.3	+0.2	22	16	17	-2	55	0	60	
374	CAIRO EZBEKÎYA										25	17	17	-1	55	0	43	26
375	GIZA	180	14	5	01				12.3	+1.5	25	17	18	+2	57	0	58	26
378	HELWÂN	360	13	10	02	0	0		11.6	-1.0	25	16	19	0	61	0	36	29
381	FAYOÛM	360	6	20	02	0	0	—	11.4	-1.2	26	14	19	+1	48	0	16	8
387	MINYA (A)	360	10	8	02	0	0	—	9.1	-3.3	24	12	17	-1	47	0	10	
393	AṢYOÛT (A)	290	5	14	02	0	0	—	9.1	-1.9	23	11	20	0	47	0	dr.	
399	NAG' HAMÂDI	00	0		01	0	3	AC	9.0	-1.1	25	10	15	-1	48	0	1	
402	QENA	270	2	10	00		0	—	8.6	-1.4	27		19	-3		0	dr.	
405	LUXOR (A)	00	0	22	02	0	0	—	7.6	-2.3	30	8	19		17	0	0	
414	ASWÂN	00	0	14	01	0	0	—	7.0	-3.0	29	10	21		25	0	8	
417	SÎWA	100	13	16	02	0	0		13.1	-0.3	25	11	22	+4	42	0	27	8
420	BAHARÎYA	10	5	20	02	0	0	—	12.3	-0.8	22	16	19	+1	69	0	2	7
423	FARAFRA	40	4	15	02	0	0	—	12.9		26	1	17		20	0	dr.	
432	DAKHLA	20	5	20	04	0	0		10.3	-1.0	28	8	24	+3	29	0	1	
435	KHARGA	20	2	10	02	0	0		9.6	-2.3	27	10	23	+1	33	0	3	
450	SUEZ	330	3	20	00	0	0	—	12.6	-0.1	24	16	17	-3	[illegible]	0	45	17
459	TÔR																	
462	HURGHÂDA	330	20	22	00	0	0	—	8.5	-1.3	21	17	23	+1	55	0	0.4	
465	QUSEIR	240	11	20	02	0	0	—	8.1	-1.7	28	[illegible]	[illegible]	[illegible]	58	0	dr.	
641	PORT SÛDÂN	330	7	20	02	0	1	Sc, Ac	6.8		29	23	21		66	0		
600	WÂDI HALFA	360	4	16	06	0	0	—	7.[illegible]		29	6	25		23	0		
640	ABU HAMAD	360	8	22	02	0	0	—	6.1		31	6	25		21	0		
660	KAREIMA	00	0	18	05	0	0		6.0		26	6	22		22	0		
680	'AṬBARA	30	3	20	02	0	0	—	8.3		30	2	22		12	0		
721	KHARṬOÛM	360	9	8	06	0	0		5.1		31	3	26		17	0		
730	KASSALA	140	2	20	02	0	1	Ac	3.9		34	7	22		22	0		
751	WÂD MEDANI	50	12	5	06	0	2	Cu	5.5		32	-2	22		11	0		
801	RENK																	
802	ROSEIRES	310	5	20	02	0	2	Ac	5.4		32	20	23		49	0		
771	EL OBEID	40	3	20	02	0	0	—	5.8		30	-1	22		13	0		
780	EL FASHER	360	4	16	05	2	7	Cs	8.1		27	3	21		26	0		
770	GENEINA	00	0	20	05	0	1	Cu	[illegible]		24	7	12		32	0		
840	MALAKÂL	250	8	20	01	1	3	Cu, Cs	7.2		27	22	24		61	0		
880	WÂU	230	7	20	02	0	1	Cu	6.2		27	20	24		66	0		
941	JUBA	180	10	—	—		7	[illegible]	9.4		26	21	22		79	0		

SHIP REPORTS in code

At 1200:

[illegible]	39612	01106	99020	16522		
[illegible]	[illegible]	[illegible]				
[illegible]	34112	03412	98020	02827	00900	37720

At 1800:

33321	26848	61009	98031	15921	44320	65XXX	00119	11222
33238	38006	03218	98020	07827	00000	33400	05423	15253
33238	35918	03407	98020	06626	00900	37608	00221	13421
33320	36818	05005	99020	15270	00900	24602	00065	15022
33340	26018	00000	98020	16570	0091X	65701	05115	060XX

At 0600:

43335	24606	81145	99022	14021	00901	24202	[illegible]	
43251	34506	03319	97020	07525	00900	26210	02211	12331
43322	30206	03604	98020	15423	00900	65204	00422	[illegible]
43267	34506	03319	97020	07525	00900	36505	00221	12331

* ◙ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	[illegible]		[illegible]		[illegible]		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		[illegible]		[illegible]	
DATE	29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5		[illegible]		[illegible]		[illegible]	
TIME	1700		1700		1700		1700		17[illegible]		1700		1700		2300		23[illegible]		[illegible]		23[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	16	20	17	35[illegible]	9	40	18	30	23	360	40			40	16	60	23	70	23	70	26
600 m.	60	14	40	18	320	10	40	19	20	19	10	37	50	19	40	17	60	31	30	17	70	22
1000 m.	50	18	40	24	340	10	50	20	40	14	10	30	50	21	30	20	60	40	80	25	50	20
1500 m.	30	19	40	17	360	14	50	17	60	10	30	15	40	19	20	17	80	3	[illegible]	[illegible]	40	23
2100 m.	10	18			20	15	20	25	110	9			40	21					[illegible]	28	70	20
2400 m.	10	20			40	17			150	7			30	22					[illegible]	22	20	23
3000 m.					50	18			160	9			30	23							30	28
4000 m.																					40	25
5000 m.																						
6000 m.																						

STATION	Sallum		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		[illegible]		[illegible]	
DATE	29-5		29-5		29-5		30-5		30-5		30-5		30-5		30-5		[illegible]		[illegible]		30-5	
TIME	[illegible]		23[illegible]		2300		0500		0500		0500		0500		1100		1100		[illegible]		[illegible]	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	100	13	90	6	90	15	30	33	50	21	40	12	80	18	40	26	50	17	350	8	50	24
600 m.	180	5	100	20	100	22	40	26	50	34	140	13	80	24	60	29	40	24	60	[illegible]	60	30
1000 m.	80	17	110	23	110	26	60	34	50	26	160	23	70	17	70	34	20	23	[illegible]	[illegible]	40	30
1500 m.	50	25	90	12	100	20	90	21	40	11	140	16	50	18							70	10
2100 m.	30	15	100	19	100	26	100	10					50	20							60	11
2400 m.	10	17	90	20	110	37							60	19							[illegible]	11
3000 m.													60	17							[illegible]	10
4000 m.																					50	10
5000 m.																					60	12
6000 m.																						

STATION	Sallum		Matruh		Cairo (A)		Aswan		Sallum		S. Bawati		Asyout		Aswan		Bahariya		[illegible]		[illegible]	
DATE	30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		[illegible]		[illegible]	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		[illegible]		[illegible]		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	70	10	70	6	310	17	130	13	80	8	70	11	90	22	90	4	60	16			30	9
600 m.	100	13	70	5	290	15	130	29	90	13	70	15	90	30	110	6	60	23	40	[illegible]	70	7
1000 m.	100	20	70	7	290	25	130	13	60	16	70	15	60	3	100	8	60	17	40	1	280	6
1500 m.	40	17			300	19	140	4	20	18	80	18	90	16	120	11	10	6			180	1
2100 m	40	12			120	3	140	9							130	10	330	9			200	4
2400 m	40	17					110	23							240	3	120	6			300	3
3000 m.							140	4									110	15				
4000 m.																	110	16				
5000 m.																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED		
Surface																						
1000 mb																						
950 mb.																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Thursday 30th May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within eight during past hour
19	Funnel cloud (s)	within eight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Temperature continues to rise gradually all over the Republic. Hot weather in Lower Egypt & Cairo. Patches of high cloud. Moderate NE'ly winds, fresh at times.

In Upper Egypt: Too hot weather. Mainly clear. Light NE'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 55 U.T. / " " Sunset 16 50 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 29th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
SALLOUM	70	3	18	02	0	0	—	14.4	28	15	45
SIDI BARRANI	70	16	18	02	0	0	—	14.2	26	16	55
MATRUH (A)	20	12	16	02	0	0	—	14.6	26	17	58
EL DABAA	360	14	20	00	0	0	—	13.8	25	17	61
ALEXANDRIA	40	14	20	02	0	0	—	13.5	24	19	74
ALEXANDRIA (A)	30	15	12	02	0	0	—	13.1	28	18	55
DAMIETTA	360	5	20	02	0	0	—	13.3	26	17	58
PORT SA'ID (A)	10	19	20	02	0	0	—	11.9	26	20	70
EL 'ARISH											
DAMANHUR	40	9	10	02	0	0	—	12.7	31	12	31
MANSURA	40	10		02	0	0	—	12.3	32	15	36
TANTA	360	14	20	02	0	0	—	12.8	33	15	34
SHEBIN EL KOM	40	5	20	00	0	0	—	11.0	33	11	26
ZAGAZIG	320	1	20	02	0	0	—	10.6	32	19	46
ISMA'ILIA											
CAIRO (A)	30	16	18	02	0	0	—	9.6	34	11	25
CAIRO ALMAZA (A)	30	16	12	02	0	0	—	9.7	34	11	25
CAIRO EZBEKIYA											
GIZA	320	13	10	02	0	0	—	10.3	34	13	29
HELWAN	20	17	10	02	0	0	—	8.6	35	8	19
FAYOUM	360	6	20	02	0	0	—	8.8	35	14	29
MINYA (A)	340	11	10	02	0	0	—	6.9	37	9	18
ASYOUT (A)	00	0	16	02	0	0	—	6.5	38	11	19
NAG' HAMADI	00	0	10	00	0	0	—	6.3	37		
QENA	290	4	20	00	0	0	—	6.6	39		
LUXOR (A)	90	9	28	02	0	0	—	4.7	40	5	12
ASWAN	320	10	15	02	0	0	—	3.7	40	-6	5
SIWA	20	12	16	03	0	0	—	12.2	35	3	13
BAHARIYA	70	9	10	02	0	0	—	8.9	36	21	42
FARAFRA	30	7	20	02	0	0	—	8.7	35	1	12
DAKHLA	340	11	22	02	0	0	—	8.7	36	4	13
KHARGA	350	1	12	02	0	0	—	5.4	38	5	13
SUEZ	330	3	20	02	0	0	—	9.6	36	23	47
TOR											
HURGHADA	350	18	22	02	0	0	—	7.5	31	22	59
QUSEIR	360	9	10	02	0	0	—	7.7	29	22	66
PORT SUDAN	70	8	20	03	0	4	Ac	6.5	30	27	84
WADI HALFA	320	18	16	07	0	0	—	4.3	40	-1	8
ABU HAMAD	180	9	22	02	0	0	—	2.8	39	-1	8
KAREIMA	70	7	18	07	0	0	—	2.9	40	1	9
ATBARA	270	4	20	02	0	0	—	1.3	41	-2	7
KHARTOUM	280	7	13	06	0	0	—	1.5	41	-1	7
KASSALA	40	3	20	03	1	7	Cu, Ac	99.5	40	5	12
WAD MEDANI	360	12	6	06	0	0	—	0.9	41	-3	6
RENK	360	5	20	02	0	3	Cb	99.3	40	22	36
ROSEIRES	310	5	20	02	0	2	Cu	99.9	40	11	17
EL OBEID	70	8	15	05	0	1	Cu	1.9	38	-5	6
EL FASHER	20	11	16	05	2	7	Cs	2.1	39	3	11
GENEINA	190	3	60	02	0	1	Cu, Ci	5.5	37	5	13
MALAKAL	240	17	20	03	1	6	Cb, Cs	3.8	33	21	50
WAU	280	4	20	03	1	4	Cu	8.0	36	18	35
JUBA	180	2	24	03	2	7	Cb, Ac	5.9	29	22	66
	42825	28812	00608	98020	15	723	00900	65400			
	43325	25718	01403	99020	16	775	00900	24000			

At 1800 on 29th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rainfall Past 12 hrs. mms.
SALLOUM	40	4	10	03	1	5	Ci	14.5	23	17	29	+1	69	0
SIDI BARRANI	100	10	15	03	0	3	Ci	14.4	21	19	26		88	0
MATRUH (A)	360	2	14	02	0	0	—	14.9	21	19	30		88	0
EL DABAA	320	8	20	00	0	0	—	13.4	21	19	26		88	0
ALEXANDRIA	40	13	20	02	0	0	—	13.3	22	19	26	-1	83	0
ALEXANDRIA (A)	30	11	12	02	0	0	—	12.5	22	17	30	+3	74	0
DAMIETTA	340	5	4	02	0	0	—	12.6	23	19	26	-1	79	0
PORT SA'ID (A)	20	17	18	02	0	0	—	11.3	23	20	27	0	84	0
EL 'ARISH														
DAMANHUR	20	5	10	02	0	0	—	12.6	23	16	31	0	65	0
MANSURA	360	9		02	0	0	—	12.2	23	18	32	-1	74	0
TANTA	40	8	20	02	0	0	—	12.3	23	16	33	-1	58	0
SHEBIN EL KOM	40	2	10	00	0	0	—	11.6	25	15	34		54	0
ZAGAZIG	00	0	10	02	0	0	—	9.9	26	20	32	-1	70	0
ISMA'ILIA														
CAIRO (A)	40	8	12	02	0	0	—	10.8	26	15	34		51	0
CAIRO ALMAZA (A)	30	16	12	02	0	0	—	10.5	27	15	35	+1	48	0
CAIRO EZBEKIYA											35	+1		
GIZA	50	11	8	02	0	0	—	10.4	27	16	34	0	52	0
HELWAN	20	23	10	06	0	0	—	9.1	28	13	31	-3	40	0
FAYOUM	360	6	20	02	0	0	—	9.1	29	14	37	+2	40	0
MINYA (A)	350	8	8	02	0	0	—	6.5	30	11	39	+3	31	0
ASYOUT (A)	00	0	12	02	0	0	—	5.9	32	12	41	+4	30	0
NAG' HAMADI	00	0	4	01	0	2	Ac	5.5	29	14	41	+4	40	0
QENA	00	0		00	0	0	—	5.8	32	-2	41	+1	11	0
LUXOR (A)	00	0	12	02	0	0	—	4.3	33	10	42		24	0
ASWAN	360	3	15	02	0	0	—	3.6	36	-4	42	+2	8	0
SIWA	60	12	14	01	1	3	Cs	11.1	32	4	36	0	17	0
BAHARIYA	40	9	10	02	0	0	—	8.2	34	20	38	+2	44	0
FARAFRA	360	5	12	02	0	0	—	8.6	32	3	37		16	0
DAKHLA	00	0	12	02	0	0	—	8.4	33	7	37	-2	20	0
KHARGA	00	0	9	02	0	0	—	5.0	27	5	39	0	25	0
SUEZ	310	4	10	02	0	0	—	9.8	29	16	38	+4	46	0
TOR														
HURGHADA														
QUSEIR	340	8	20	02	0	0	—	7.3	27	21	31	-1	70	0
PORT SUDAN	0	0	20	02	2	6	Ac	5.1	30	26	33		79	0
WADI HALFA	340	9	16	02	0	0	—	2.8	33	-2	42		10	0
ABU HAMAD	[illegible]													
KAREIMA	70	[illegible]	[illegible]	[illegible]	0	0	—	2.9	33	-1	41		10	0
ATBARA														
KHARTOUM	350	5	16	05	0	0	—	2.2	34	7	41		19	0
KASSALA	110	1	20	03	1	7	Ac	2.0	35	9	42		20	0
WAD MEDANI	310	5	20	02	0	0	—	2.6	33	-6	42		8	0
RENK											40			
ROSEIRES											41			
EL OBEID	00	0	20	02	0	0	—	2.7	30	4	39		19	0
EL FASHER	60	2	20	01	1	1	Ac	3.1	32	10	40		26	0
GENEINA											38			
MALAKAL	170	13	20	13	2	7	Cb, Ac	6.9	25	17	36		61	0
WAU											37			0
JUBA	180	6	24	13	2	7	Cb, Ac	8.3	25	21	30		79	0
	42261	35118	02505	98020	06	427	00900	34308	00524					

Area	Index Number	Station
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MATRUH (A)
	309	EL DABAA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSURA
	348	TANTA
	360	SHEBIN EL KOM
	354	ZAGAZIG
	441	ISMA'ILIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYA
	375	GIZA
	378	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOUT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOUM
	730	KASSALA
CENTRAL SUDAN	751	WAD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

At 0600 on THURSDAY 30th MAY 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOUM	00	0	18	02	0	0	—	15.2	+2.2	25	16	18	0	58	0	260	
SIDI BARRANI	120	7	16	00	0	0	—	16.0		22	18	19		78	0	257	
MATRUH (A)	330	4	15	03	0	1	Cu	15.3	+1.6	22	18	18		78	0	270	
EL DABAA	360	3	10	00	0	0	—	13.6		24	13	18		50	0	208	
ALEXANDRIA	40	12	20	02	0	0	—	13.6	-0.1	28	20	21	+2	62	0	284	185
ALEXANDRIA (A)	40	12	12	02	0	0	—	13.0	+0.3	26	19	21	+3	66	0	256	138
DAMIETTA	360	5	10	00	0	0	—	12.6	0.0	24	14	20	+1	54	0	243	105
PORT SA'ID (A)	350	11	12	02	0	0	—	11.6	-1.2	24	21	22	+1	84	0		
EL 'ARISH																	
DAMANHUR	40	5	10	02	0	0	—	12.8	-0.5	26	18	19	+2	62	0	140	101
MANSURA	360	3	3	00	0	0	—	12.2	-0.7	26	20	19	+2	70	0	79	54
TANTA	360	7	20	02	0	0	—	13.1	-0.2	23	18	18	+2	74	0	92	43
SHEBIN EL KOM	20	2	10	00	0	0	—	13.0	-0.1	27	16	19		52	0	68	
ZAGAZIG	00	0	10	02	0	0	—	11.2	-1.8	26	20	18	+2	70	0	53	27
ISMA'ILIA																	
CAIRO (A)	80	8	12	02	0	0	—	12.6		25	17	19		61	0	55	
CAIRO ALMAZA (A)	30	8	15	02	0	0	—	11.6	-0.9	25	17	19	0	61	0	60	
CAIRO EZBEKIYA										25	17	18	0	61	0	43	26
GIZA	50	4	10	02		0	—	12.4	-0.3	26	18	19	+3	62	0	58	26
HELWAN	360	4	10	02	0	0	—	11.5	-1.0	26	16	20	+1	55	0	36	29
FAYOUM	360	6	20	03	0	1	Cu, Sc	11.5	-1.0	27	17	20	+2	55	0	16	8
MINYA (A)	10	9	8	02	0	0	—	10.0	-1.9	25	17	21	+3	61	0	10	
ASYOUT (A)	00	0	12	02	0	0	—	9.4	2.2	27	16	23	+3	52	0	dr	
NAG' HAMADI	00	0	4	00	0	0	—	9.1	-0.9	29	16	24	+5	46	0	1	
QENA	00	0	10	00	5	0	—	8.7	-1.3	33		23	+1		0	dr	
LUXOR (A)	00	0	22	02	0	0	—	8.2	-1.5	33	13	25		30	0	0	
ASWAN	150	10	15	02	0	0	—	6.2	-3.8	34	5	25	0	16	0	8	
SIWA	00	0	16	02	1	3	Ci	13.9	-0.1	24	10	19	+1	41	0	27	8
BAHARIYA	360	2	10	02	0	0	—	10.2	-2.9	24	18	20	+2	69	0	2	7
FARAFRA	10	7	15	02	0	0	—	11.3		25	11	20		42	0	dr	
DAKHLA	340	3	12	02	0	0	—	10.2	-1.5	29	12	22	+1	35	0	1	
KHARGA	20	4	10	02	0	0	—	7.0	-3.5	31	11	22	0	29	0	3	
SUEZ	330	3	20	00	0	0	—	11.2	-0.8	26	18	18	-2	62	0	45	17
TOR																0.4	
HURGHADA																	
QUSEIR	340	5	20	02	0	1	Cs	9.8	+0.1	29	21	23	+1	62	0	dr	4
PORT SUDAN	290	3	20	02	6	7	Ac	8.1		32	23	28		59	dr		
WADI HALFA	160	1	20	02	0	0	—	6.9		28	0	21		16	0		
ABU HAMAD	00	0	24	03	1	5	Ci	6.7		27	0	23		17	0		
KAREIMA	120	2	21	02	0	0	—	6.1		31	3	24		17	0		
ATBARA																	
KHARTOUM	00	0	20	02	0	0	—	6.0		31	5	25		19	0		
KASSALA	180	6	20	03	2	8	Ac, As	6.3		30	14	23		38	0		
WAD MEDANI	220	11	20	02	2	7	Ac, Cs	7.9		29	13	27		37	0		
RENK	180	5	20	02	1	5		11.2		25	19	24		70	0		
ROSEIRES	10	2	20	02	2	7	Ac	8.4		28	17	25		52	0		
EL OBEID	210	15	18	06	0	0	—	7.7		27	15	22		48	0		
EL FASHER	220	2	11	05	0	0	—	7.6		25	5	20		28	0		
GENEINA	230		50	03	0	1	Ac	8.4		26	13	20		45	0		
MALAKAL	240	8	20	01	2	7	Cs	10.6		24	20	21		79	0		
WAU	180	6	20	02	0	1	Ci	9.4		25	21	23		79	0		
JUBA	130	3	24	02	9	8	Sc, As	12.3		21	21	22		97	5		
	53325	29506	06605	99020	14122	00000	24400	00126									
	52244	36206	73207	97032	08627	70680	44305	00025	13221								
	53325	29706	0309	58020	10423	00900	76219	00619	10732								

SHIP REPORTS IN CODE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Luxor		Alex. (A)		P. Said		Asyout		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	10	50	19	90	15	20	25	20	28	340	12	50	21	20	30	360	14	20	23	70	22
600 m.	70	17	50	22	100	22	40	24	10	28	340	10	50	21	20	25	350	15	40	21	70	10
1000 m.	70	23	40	31	100	29	30	24	360	22	340	21	40	20	20	18	320	14	40	13	70	21
1500 m.	20	22	40	14	100	20	320	9	360	13	360	15	40	22	40	12	210	6	60	17	70	23
2100 m.	20	22	250	20	100	26	240	23	300	19			40	9	10	10	220	9	100	12	70	24
2400 m.	20	22			110	37	340	12	280	10			30	7	10	8	210	11	90	11	70	28
3000 m.							300	10	230	9			60	3			220	6	90	8	70	33
4000 m.													40	12							70	42
5000 m.																					70	54
6000 m.																						

STATION	Salloum		Cairo (A)		Luxor		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	30-5		30-5		30-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	7	20	17	310	16	360	11	10	12	20	19	70	21	330	16	300	10	350	15	50	23
600 m.	60	8	20	17	280	16	10	11	360	12	50	19	70	17	340	17	330	10	10	17	40	19
1000 m.	60	14	20	20	240	13	360	24	360	17	40	14	60	9	340	19	350	16	20	10	40	16
1500 m.	60	17	40	16	220	13	360	18	360	9	50	17	50	22	350	17	340	10	340	5	30	13
2100 m.	30	23	10	16	210	14			260	17	70	8	50	17	10	11	270	14	330	6	20	11
2400 m.	40	14	320	4	310	9			240	16	50	8	60	17	10	10	230	13	320	6	10	17
3000 m.			350	5					200	12	40	3	50	12	360	11	200	14	220	5	350	10
4000 m.											300	3	350	14					240	12	20	17
5000 m.																			220	9		
6000 m.																						

STATION	Salloum		Cairo (A)		Asyout		Aswan		Salloum		S. Baxrari		Asyout		Aswan		Farafra		Dakhla		Kharga	
DATE	31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	7	60	9	280	9	40	5	30	8	40	8	350	7	170	2	40	6	60	5	360	4
600 m.	70	13	30	17	20	7	200	5	10	13	60	11	350	11	150	3	40	12	40	6	360	2
1000 m.	60	16	30	17	350	4	190	10	360	15	20	10	350	8	260	1	30	14	20	5	330	3
1500 m.	40	16	10	8	10	6	220	3			350	14	330	6	150	1	30	10			20	3
2100 m.	30	17	330	7			180	7									30	10			40	2
2400 m.	20	18															30	14				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Friday 31st May, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
(30–32: during preceding hour)
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(33–35: during preceding hour)
36 Slight or moderate drifting snow (low)
37 Heavy " " (low)
38 Slight or moderate " " (high)
39 Heavy " " (high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible — has become thinner during preceding hour
43 " , " not " — has become thinner during preceding hour
44 " , " discernible — no change during preceding hour
45 " , " not " — no change during preceding hour
46 " , " discernible — has begun or become thicker during last hour
47 " , " not " — has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent — slight
51 " " " continuous — slight
52 " " " intermittent — moderate
53 " " " continuous — moderate
54 " " " intermittent — thick
55 " " " continuous — thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent — slight
61 " " " continuous — slight
62 " " " intermittent — moderate
63 " " " continuous — moderate
64 " " " intermittent — heavy
65 " " " continuous — heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " " — slight
72 Intermittent " " " — moderate
73 Continuous " " " — moderate
74 Intermittent " " " — heavy
75 Continuous " " " — heavy
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Hot weather prevails all over the Republic. Winds chiefly moderate NE'ly, fresh at times in Lower Egypt and Cairo. Mainly clear.

In Upper Egypt: Weather is too hot. Moderate N'ly. Mainly clear

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / " " Sunset 16 51 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 30-5-1957

Area	Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	340	4	18	02	0	0	—	14.6	30	13	35
	303	SÎDI BARRÂNI	40	11	20	02	0	0	—	14.6	25	18	65
	306	MATRÛH (A)	10	10	18	02	0	0	—	15.2	26	16	55
	309	EL DAB'AA	320	14	20	00	0	0	—	12.8	26	16	55
	319	ALEXANDRIA	40	12	20	02	0	0	—	13.5	24	21	84
	318	ALEXANDRIA (A)	40	14	14	02	0	0	—	12.0	32	15	36
	330	DAMIETTA	00	0	20	02	0	0	—	12.8	28	19	58
	333	PORT SA'ÎD (A)	360	15	20	02	0	0	—	11.8	27	20	66
	336	EL 'ARÎSH											
Lower Egypt	339	DAMANHÛR	40	5	20	02	0	0	—	12.7	33	13	30
	342	MANSÛRA	360	7		02	0	0		11.8	34	17	36
	348	ṬANṬA	40	10	20	02	0	0	—	12.4	36	14	27
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	10.6	36	15	29
	354	ZAGAZIG	00	0	20	02	0	0			35	22	47
	441	ISMA'ILIA											
Cairo Area	366	CAIRO (A)	40	12	20	02	0	0		9.4	38	9	17
	372	CAIRO ALMÂZA (A)	10	17	15	03	0	1	Cs	9.6	37	13	24
	374	CAIRO EZBEKÎYA											
	375	GIZA	30	10	10	02	0	0	—	10.4	36	18	27
	378	ḤELWÂN	360	11	10	03	1	1	Cu	8.6	38	5	13
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	8.8	39	12	20
	387	MINYA (A)	360	10	10	03	0	2	Cu, Ci	7.7	39	13	21
	393	AṢYOÛṬ (A)	80	7	16	03	0	1	Cu	6.4	41	2	9
	399	NAG' ḤAMÂDI	00	0	4	01	0	3	Ac	6.7	39		
	402	QENA			20	00	0	0	—	7.4	42		
	405	LUXOR (A)	180	14	22	03	0	1	Cu	5.1	42	5	11
	414	ASWÂN	180	10	15	03	0	2	Cu	4.4	42	-1	7
Oases	417	SÎWA	30	13	16	03	1	4	Ci	11.5	37	3	12
	420	BAḤARÎYA	50	2	20	02	0	0	—	8.8	40	23	38
	423	FARAFRA	40	4	20	02	0	0	—	7.4	39	10	17
	432	DAKHLA	290	4	20	02	0	0	—	7.5	39	13	21
	435	KHARGA	00	0	25	03	0	1	Cu	4.4	41	8	14
Red Sea	450	SUEZ	160	2	50	03	0	2	Cu	9.1	36	13	25
	459	TÔR											
	462	HURGHÂDA	40	7	22	02	0	3	Cu, Ci	9.0	33	24	59
	465	QUSEIR	360	8	20	02	0	5	Cu, Ac, Ci	9.3	30	24	70
	641	PORT SÛDÂN	40	12	20	02	2	3	Ac	6.1	33	27	70
North Sudan	600	WÂDI ḤALFA	160	10	20	03	7	1	Ac	3.0	41	-2	6
	640	ABU ḤAMAD	00	0	24	03	1	6	Ac	2.6	41	1	8
	660	KAREIMA	360	2	21	03	0	1	Cu	2.3	41	-3	6
	680	'AṬBARA	300	8	18	95	9	7	Cb	2.3	32	17	41
	721	KHARṬOÛM	270	8	20	03	0	2	Ac	1.4	41	4	10
	730	KASSALA	00	0	20	03	2	7	Cu, Ac	2.2	36	13	25
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	220	3	20	03	0	1	Cu	2.5	39	3	11
	760	EL FASHER	190	13	11	07	0	1	Cu	0.9	39	3	11
	770	GENEINA	180	4	8	03	0	4	[illegible]	4.1	32	12	30
S. Sûdân	840	MALAKÂL	220	10	20	03	2	7	Cu, Cs	6.9	32	20	49
	880	WÂU	180	8	20	03	0	5	Cu	5.3	33	21	50
	941	JUBA											

At 1800 on 30-5-1957

Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	00	0	14	02	0	0	—	14.5	24	19	31	+3	74	0
303	SÎDI BARRÂNI	80	1	16	02	0	0	—	14.4	22	20	25		89	0
306	MATRÛH (A)	350	4	14	01	0	0	—	14.4	21	18	27		83	0
309	EL DAB'AA	00	0	20	00	0	0	—	13.2	22	19	27		83	0
319	ALEXANDRIA	40	10	20	02	0	0	—	13.5	23	20	26	-1	84	0
318	ALEXANDRIA (A)	20	10	12	02	0	0	—	13.2	24	17	32	+4	65	0
330	DAMIETTA	340	5	4	02	0	0	—	12.7	25	17	28	+1	61	0
333	PORT SA'ÎD (A)	10	12	18	02	0	0	—	12.3	24	19	29	+2	74	0
336	EL 'ARÎSH														
339	DAMANHÛR	40	2	10	02	0	0	—	12.6	25	15	33	+2	54	0
342	MANSÛRA	20	8		02	0	0	—	12.6	26	14	35	+2	48	0
348	ṬANṬA	40	9	20	02	0	0	—	13.1	27	13	37	+3	42	0
360	SHEBÎN EL KÔM	40	7	10	00	0	0	—	12.3	27	12	36		40	0
354	ZAGAZIG	00	0	10	02	0	0			28	27	36	+3	94	0
441	ISMA'ILIA														
366	CAIRO (A)	40	10	12	03	0	2	Ac	11.9	29	16	38		46	0
372	CAIRO ALMÂZA (A)	20	12	12	02	0	2	Sc, Cu, Ci	11.5	29	14	38	+4	40	0
374	CAIRO EZBEKÎYA											39	+5		
375	GIZA	50	10	8	01	0	0	—	12.6	29	13	38	+4	37	0
378	ḤELWÂN	40	4	10	02	1	2	Cu	11.3	30	13	39	+5	35	0
381	FAYOÛM	360	6	20	02	0	0	—	10.4	31	8	40	+5	24	0
387	MINYA (A)	30	17	5	16	3	7	Ns	8.4	34	6	39	+3	18	dr
393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	8.8	32	9	41	+4	24	0
399	NAG' ḤAMÂDI	290	2		01	0	2	Ac	6.7	35	11	42	+5	23	0
402	QENA	00	0		00	0	0	—	6.6	34		43	+3		
405	LUXOR (A)	80	14	12	02	2	2	Cu	6.8	37	10	47		19	0
414	ASWÂN	180	10	10	01	0	2	Ci	3.8	39	4	45	+5	12	0
417	SÎWA	40	11	15	01	1	2	Ci	11.0	33	6	38	+2	19	0
420	BAḤARÎYA	40	12	4	31	3	0	—	7.7	37	22	41	+5	42	0
423	FARAFRA	30	6	12	02	0	2	Ac	7.6	34	1	40		12	0
432	DAKHLA	00	0	4.6	02	0	0	—	7.4	35	6	41	+2	16	0
435	KHARGA	240	18	2	07	0	0	—	4.3	35	4	43	+4	14	0
450	SUEZ	330	3	10	02	0	2	Cu	10.2	31	15	38	+4	38	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	350	6	20	01	1	4	Cu	8.0	28	20	32	0	62	0
641	PORT SÛDÂN														
600	WÂDI ḤALFA														
640	ABU ḤAMAD														
660	KAREIMA											42			
680	'AṬBARA	100	4	20	02	2	7	As	5.0	33	8	39		21	dr
721	KHARṬOÛM	270	8	20	02	1	3	Ac, Ci	0.4	34		42			0
730	KASSALA	00	0	20	02	2	7	Ac	5.1	31	15	37		38	0
751	WÂD MEDANI	160	7	20	02	2	7	Ac	4.0	33	13	40		30	0
801	RENK											37			
802	ROSEIRES											37			
771	EL OBEID	00	0	20	13	0	2	Cb, Ac		29	8	39		27	0
760	EL FASHER	180	4	12	05	0	1	Ac	1.7	33	6	39		19	0
770	GENEINA											34			
840	MALAKÂL	190	8	20	02	2	7	Cs	7.6	29	21	33		62	0
880	WÂU											35			
941	JUBA	00	0	24	01	2	3	Ci	8.7	23	21	28		89	0

At 0600 on FRIDAY 31st MAY, 1957

Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOÛM	00	0	18	02	0	0	—	15.4	+2.4	24	15	20	+2	57	0	260	
303	SÎDI BARRÂNI	00	0	12	00	0	0	—	15.8		21	20	16		94	0	217	
306	MATRÛH (A)	300	7	16	02	0	0	—	15.4	+1.8	24	16	19		61	0	270	
309	EL DAB'AA	320	10	10	00	0	0	—			24	18	16		69	0	208	
319	ALEXANDRIA	310	3	20	02	0	0	—	14.7	+1.1	23	20	20	+1	84	0	284	185
318	ALEXANDRIA (A)	330	4	16	02	0	0	—	13.9	+1.2	25	18	17	-1	65	0	256	138
330	DAMIETTA	250	2	10	03	0	1	AC	13.0	+0.6	28	20	17	-2	84	0	243	105
333	PORT SA'ÎD (A)	320	1	14	02	0	0	—	12.7	0.0	26	18	21	-1	62	0		
336	EL 'ARÎSH																	
339	DAMANHÛR	40	2	10	02	0	0	—	14.3	+1.0	25	17	19	+2	61	0	140	101
342	MANSÛRA	340	8	3	00	0	0	—	13.3	+0.5	27	16	19	+2	52	0	79	54
348	ṬANṬA	00	0	20	02	0	0	—	14.3	+1.1	23	16	16	0	65	0	92	43
360	SHEBÎN EL KÔM	20	2	10	00	0	0	—	13.1	+0.1	26	18	18		62	0	68	
354	ZAGAZIG	00	0	10	02	0	0	—			24	23	18	+2	94	0	53	27
441	ISMA'ILIA																	
366	CAIRO (A)	50	3	16	01	0	0	—	12.8		26	13	20		45	0	55	
372	CAIRO ALMÂZA (A)	40	6	12	01	0	0	—	12.9	+0.5	26	16	20	+1	55	0	60	
374	CAIRO EZBEKÎYA										26	17	20	+2	58	0	43	26
375	GIZA	50	5	8	01		00	—	13.2	+0.6	25	17	19	+3	61	0	58	26
378	ḤELWÂN	360	3	10	02	0	0	—	12.6	+0.1	29	6	23	+4	23	0	36	29
381	FAYOÛM	360	6	20	02	0	1	Cs	12.4	-0.1	29	13	22	+3	35	0	16	8
387	MINYA (A)	360	11	9	02	0	0	—	10.7	-1.6	26	14	21	+3	48	dr	10	
393	AṢYOÛṬ (A)	290	3	12	02	0	0	—	10.1	-1.4	28	13	23	+3	40	0	dr	
399	NAG' ḤAMÂDI	00	0	4	00	0	0	—				17	23	+3		0	1	
402	QENA	320		10	00	5	3	Ci	9.0	-0.4	34		28	+6		0	dr	
405	LUXOR (A)	350	5	22	02	1	4	Ac, As	8.1	-1.6	33	16	29		36	0	0	
414	ASWÂN	350	3	12	01	0	6	As	8.3	-1.7	34	11	30	+5	25	0	8	
417	SÎWA	00	0	16	02	0	0	—	14.2	+0.2	26	12	20	+2	42	0	27	8
420	BAḤARÎYA	40	4	10	02	0	0	—	12.7	-0.4	25	17	22	+4	61	0	2	7
423	FARAFRA	30	10	15	02	0	0	—	12.2		30	1	24		16	0	dr	
432	DAKHLA	20	5	17	02	0	0	—	9.5	-2.1	33	13	26	+4	30	0	1	
435	KHARGA	20	2	10	02	0	0	—	7.1	-3.3	33	12	27	+4	32	0	3	
450	SUEZ	300	12	20	00	0	0	—	12.2	+0.3	26	16	20	0	55	0	45	17
459	TÔR																	
462	HURGHÂDA	00	0	17	01	0	2	Sc, Ci	7.8	-1.9	28	17	24	+2	52	0	0.4	
465	QUSEIR	340	7	20	03	1	8	Ac	8.9	-0.7	30	19	23	-2	52	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI ḤALFA																	
640	ABU ḤAMAD																	
660	KAREIMA	90	1	21	02	0	1	Ci	7.1		32	11	25		28	0		
680	'AṬBARA	180	8	20	02	2	7	Ac, As	7.4		32	9	27		24	dr		
721	KHARṬOÛM	160	16	20	01	2	7	Ac, As, Ci	7.1		31	17	30		43	0		
730	KASSALA	180	1	20	02		7	Ac, As	7.9		31	14	26		36	dr		
751	WÂD MEDANI	160	12	20	02	2	7	Ac, As	8.9		31	18	27		46	0		
801	RENK	180	5	20	02	1	6	Ac	10.8		28	21	25		66	0		
802	ROSEIRES	230	5	20	02	6	8	Ac	9.0		27	21	25		70	dr		
771	EL OBEID	200	14	20	03	1	6	Ac	7.1		28	17	23		53	0		
760	EL FASHER	190	14	20	03	0	4	Cs	6.3		29	13	28		37	0		
770	GENEINA	200	3	0.2	01	1	1	Ac	8.0		27	14	21		48	0		
840	MALAKÂL	230	7	20	01	2	3	Ac	10.2		26	21	22		74	0		
880	WÂU	180	4	20	02	0	0	—	8.0		27	21	23		70	0		
941	JUBA	180	4	14	03	1	3	Ac, Ci	10.2		24	21	20		84	0		

SHIP REPORTS IN CODE

1200	1800	0600
53348 22012 00105 97404 16922 00900 24403	53344 32518 00000 97050 16570 00000 24403 00067	63208 38906 33010 98020 07129 00902 44307 00136 13011
53032 22012 01105 98020 16024 00900 76400	53272 34318 30000 97031 00902 33200 84400 00172	63234 28906 03306 97000 03322 00900 38400 00234 13431
53264 24712 60305 98031 09228 60470 34716		63249 35606 63012 98021 08682 00970 74112 00279 13023
		63252 35606 63308 99021 08784 32460 34400 00477 13321
		63233 36706 63208 98012 07928 70440 34306 00135 12022

* ⊗ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	60	6	360	17	20	17	350	19	340	15	10	31	40	21	10	12	20	14	10	13	50	23
600 m.	30	13	360	21	20	16	350	22	330	14	10	33	40	17	20	23	360	10	10	14	60	15
1000 m.	20	27	350	25	50	11	350	19	340	12	10	32	40	17	30	22	10	8	20	10	50	14
1500 m.	20	23	350	23	50	17	350	11	30	3	10	30	30	16	40	23	360	9	40	3	50	20
2100 m.	360	32	360	33	290	10	360	10	230	9	30	12	40	10			270	4	30	3	50	29
2400 m.	10	30	360	41	300	12			230	11	20	16	40	17			330	3	360	5	50	29
3000 m.	20	26	10	33					280	11			60	27			190	12			30	28
4000 m.									220	9			30	32			210	17				
5000 m.			30	35																		
6000 m.																						

STATION	Sallum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	31-5		31-5		31-5		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	100	6	320	14	350	10	340	10	300	7	360	20	70	15	330	22	300	10	10	9	40	9
600 m.	100	3	310	23	50	13	20	11	320	6	10	20	60	22	330	17	310	7	10	16	50	8
1000 m.	110	6	340	29	30	16	40	9	10	5	20	19	50	22	340	17	350	8	350	11	30	10
1500 m.	120	7	340	33	10	9	10	4	10	7	20	18	40	21			360	10	300	9	30	28
2100 m.			340	25	220	2	40	4	10	12	360	19	30	28			270	7	240	6	50	23
2400 m.			340	33	270	14	30	4	180	1	350	16	30	35					250	15	40	21
3000 m.			340	28			10	15	210	7			10	28					230	18		
4000 m.			350	28			20	13														
5000 m.			340	42			340	7											30	8		
6000 m.			210	30			20	19														

STATION	Sallum		Asyout		Aswan		Sallum		Matruh		Cairo(A)		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	210	2	10	12	330	10	360	4	70	14	10	19	20	11	350	12	10	5	20	17	350	12
600 m.	240	3	360	15	350	7	10	11	30	18	360	29	20	10	340	10	10	9	360	9	360	11
1000 m.	220	2	360	14	350	4	360	12	70	19	10	36	30	14	350	14	10	17	360	5	360	12
1500 m.	240	7	360	7	30	5	350	12					30	5	350	17			360	4	40	13
2100 m.			320	4	70	8							310	8	350	22			180	3	240	7
2400 m.			290	3	70	10							340	3								
3000 m.					320	12							340	8								
4000 m.													10	10								
5000 m.													20	10								
6000 m.													20	10								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 1st MAY, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

No material change in temperature. Hot weather in Lower Egypt and [illegible]. Mainly clear except for some low clouds early morning. Moderate E/NE by winds. In Upper Egypt Weather is too hot. Clear sky in the north part. Medium clouds in the south with possibility of light rain.

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / " " Sunset 16 51 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 31-5-1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
62300 Salloûm	00	0	18	02	0	0	—	16.9	29	12	35
303 Sîdi Barrâni	30	13	18	02	0	0	—	16.0	25	19	70
306 Matrûh (A)	340	14	16	02	0	0	—	15.8	26	17	58
309 El Dab'aa	360	12	18	00	0	0	—	14.0	26	18	62
319 Alexandria	360	16	20	02	0	0	—	14.2	25		
318 Alexandria (A)	320	15	12	02	0	0	—	13.8	26	20	70
330 Damietta	320	5	20	00	0	0	—	12.7	28	17	52
333 Port Saîd (A)	10	11	20	02	0	0	—	12.6	26	21	74
336 El 'Arish											
339 Damanhûr	40	5	20	02	0	0	—	13.9	33	13	20
342 Mansûra	320	5		02	0	0	—	12.0	35	18	29
348 Tanta	310	7	20	02	0	0	—	13.4	35	13	27
360 Shebîn el Kôm	40	5	20	00	0	0	—	10.8	34	14	30
354 Zagazig	260	2	20	02	0	0	—	10.6	36		
441 Ismâ'ilia											
366 Cairo (A)	350	10	16	02	0	0	—	11.0	36	7	17
372 Cairo Almâza (A)	340	12	20	02	0	0	—	10.9	36	7	17
374 Cairo Ezbekîya											
375 Giza	70	4	10	02	0	0	—	12.6	35	11	23
378 Helwân	360	10	10	02	0	0	—	11.2	36	5	14
381 Fayoûm	360	6	20	02	0	0	—	10.6	38	8	16
387 Minya (A)	360	12	10	02	0	0	—	9.1	38	8	16
393 Asyoût (A)	340	10	18	03	0	1	Cu	7.7	41	4	10
399 Nag' Hamâdi	00	0	10	01	0	2	AC	7.0	42	10	15
402 Qena	00	0	20	00	1	7	CS	8.4	42		
405 Luxor (A)	50	9	22	02	0	2	Cu	6.0	43	11	15
414 Aswân	270	5	14	03	2	6	AC	5.0	44	2	8
417 Sîwa	40	13	16	02	0	0	—	12.3	39	-1	8
420 Baharîya	340	8	20	02	0	0	—	11.1	38	22	40
423 Farafra	70	10	20	02	0	0	—	9.5	39	3	11
432 Dakhla	20	9	20	03	0	1	Cu	8.0	41	13	19
435 Kharga	340	2	15	03	9	4	Sc, Cu	5.1	42	12	17
450 Suez	330	3	50	02	0	0		10.8	36	17	33
459 Tôr											
462 Hurghâda	360	13	22	02	2	4	AC, AS	7.9	31	19	49
465 Quseir	330	7	20	02	2	7	Sc, Cu, AC	8.9	30	21	59
641 Port Sûdân	60	22	20	03	1	2	AC	6.5	36	24	50
600 Wâdi Halfa	190	4	20	02	0	2	Cu	4.3	43	5	10
640 Abu Hamad	90	8	12	03	2	7	AC, AS	6.6	37	6	14
660 Kareima	110	3	21	02	0	4	Cu	3.3	40	9	15
680 'Atbara	260	8	20	06	2	7	AC, AS	9.3	36	8	18
721 Khartoûm											
730 Kassala	340	3	20	02	1	4	Cu, AC	3.1			
751 Wâd Medani	230	9	20	60	9	8	Cu, AS	6.8			
801 Renk	180	3	20	02	1	7	CS	7.5			
802 Roseires	230	5	20	03	3	8	Cu	3.3	36	16	31
771 El Obeid											
760 El Fasher	120	14	16	07	1	7	Cu, Cs	1.1	38	12	22
770 Geneina	160	10	50	17	1	6	Cb, Cu	2.3	34	16	36
840 Malakâl	250	8	20	02	1	3	Cu	6.1	34	17	36
880 Wâu	00	0	20	03	1	5	Cu	5.0	35	17	35
941 Juba	180	7	20	02	3	5	Cu	[illegible]	33	27	52
Ship reports in code	632 23		274 12		330 12		98012	072 30	00007	24819	
	632 42		264 12		632 05		99012	093 30	44468	24400	
	632 58		251 12		833 10		98022	080 28	00984	74608	

At 1800 on 31-5-1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 Salloûm	320	4	10	02	0	0	—	15.1	24	13	30	+2	50	0
303 Sîdi Barrâni	30	1	15	02	0	0	—	14.8	22	17	26		74	0
306 Matrûh (A)	300	6	15	02	0	0	—	15.0	21	17	27		78	0
309 El Dab'aa	270	10	20	00	0	2	Ci	13.4	21	18	26		83	0
319 Alexandria	40	12	20	02	0	0	—	13.4	22	20	26	-1	89	0
318 Alexandria (A)	360	12	12	03	0	2	Sc	12.8	22	19	27	-1	83	0
330 Damietta	360	5		02	0	0	—	12.7	24	20	29	+1	79	0
333 Port Saîd (A)	350	10	15	02	0	0	—	11.9	23	21	28	+1	89	0
336 El 'Arish														
339 Damanhûr	40	5	10	02	0	0	—	13.6	24	16	34	+3	61	0
342 Mansûra	360	5		02	0	0	—	11.9	26	17	35	+2	58	0
348 Tanta	310	8	20	02	0	0	—	13.0	27	16	36	+2	52	0
360 Shebîn el Kôm	40	5	10	00	0	0	—	13.2	26	18	36		62	0
354 Zagazig	00	0	10	02	0	0	—		28	13	37	+4	40	0
441 Ismâ'ilia														
366 Cairo (A)	360	7	12	02	0	0	—	11.4	28	14	36		42	0
372 Cairo Almâza (A)	360	12	15	02	0	0	—	11.3	29	13	36	+2	37	0
374 Cairo Ezbekîya											37	+3		
375 Giza	20	5	8	02	0	0	—	11.6	29	16	36	+2	46	0
378 Helwân	360	11	10	02	1	3	Ci	11.1	29	13	37	+3	37	0
381 Fayoûm	360	6	20	02	0	0	—	10.6	30	13	38	+3	35	0
387 Minya (A)	10	8	8	02	0	0	—	8.5	30	9	38	+2	27	0
393 Asyoût (A)	300	5	10	02	0	2	AC	8.1	34	5	42	+5	16	0
399 Nag' Hamâdi	00	0		01	0	2	AC	7.1	39	14	44	+7	23	0
402 Qena	00	0		00	1	4	AC	7.4	34		44	+4		0
405 Luxor (A)	280	2	12	02	0	2	Cu	5.8	38	10	44		18	0
414 Aswân	40	3	12	01	2	4	AS	5.0	39	4	45	+4	12	0
417 Sîwa	40	15	16	42	0	0	—	12.5	32	0	48	+4	18	0
420 Baharîya	360	8	10	02	0	0	—	10.3	34	21	39	+3	47	0
423 Farafra	20	7	13	02	0	0	—	16.4	32	4	40		10	0
432 Dakhla	20	8	7	01	0	4	Cu, Sc	8.2	36	12	42	+3	24	0
435 Kharga	00	0		01	2	3	Sc, Cu	5.6	31	12	43	+4	31	3
450 Suez	360	3	10	02	0	0	—	11.1	29	9	37	+3	29	0
459 Tôr														
462 Hurghâda														
465 Quseir	300	6	20	02	2	7		8.0	28	24	32	0	79	0
641 Port Sûdân	360	5	20	01	1	2	AC	6.6	32	22	37		56	0
600 Wâdi Halfa	00	0	20	01	1	3	AC	4.1	37	2	44		11	0
640 Abu Hamad	00	0	22	02	2	8	AC, AS	5.3	35	9	39		20	0
660 Kareima	230	4	20	25	8	7	Sc, AC	5.3	35	11	42		23	dr
680 'Atbara	270	[illegible]	20	02	2	7	AC, AS	5.9	32	10	36		26	dr
721 Khartoûm	20	10	20	02	6	7	AC, AS	6.3	26	19	39		66	
730 Kassala	340	1	20	02	2	8	AC, AS	3.9	33	11	39		26	0
751 Wâd Medani														
801 Renk											35			
802 Roseires											32			
771 El Obeid														
760 El Fasher	190	13	20	02	2	7	Sc, AC, CS	2.5	32	15	38		36	0
770 Geneina											35			14
840 Malakâl	170	8	20	13	8	6	Cb, AC, CS	6.3	29	18	35		52	dr
880 Wâu											36			0
941 Juba	00	0	24	13	0	1	Cb	6.5	26	23	33		84	0
Ship reports in code	632 33		370 18		9000 0		99021	070 29		xx0 K3	34400		001 75	
	632 68		345 18		7330 8		97022	071 29		0097 X	74705		004 76	
	633 28		287 18		0200 5		99020	167 21		00000	24711		052 59	

At 0600 on SATURDAY 1st JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	Salloûm	00	0	16	02	0	0	—	15.0	+2.0	27	19	20	+2	62	0	260	
	303	Sîdi Barrâni	320	8	18	00	9	0	—	14.7		24	14	16		54	0	257	
	306	Matrûh (A)	310	9	18	02	0	0	—	13.7	+0.1	25	14	19		51	0	270	
	309	El Dab'aa	320	10	10	00	0	0	—	13.4		23	18	15		74	0	208	
	319	Alexandria	310	6	10	02	0	0	—	14.0	+0.4	22	19	20	+1	83	0	284	186
	318	Alexandria (A)	310	4	12	02	2	0	—	13.5	+0.9	23	19	20	+1	79	0	256	138
	330	Damietta	320	2		00	0	0	—	13.1	+0.6	22	20	17	-2	89	0	243	166
	333	Port Saîd (A)	260	4	12	03	0	0	—	12.8	+0.1	25	19	20	-2	70	0		
	336	El 'Arish																	
Lower Egypt	339	Damanhûr	330	2	10	01	2	3	St	13.5	+0.3	24	19	16	-1	74	0	140	111
	342	Mansûra	270	3		01	1	4	Sc	13.5	+0.8	24	19	18	0	74	0	79	55
	348	Tanta	270	4	20	01	1	2	Ci	14.2	+1.0	23	19	17	+1	79	0	92	44
	360	Shebîn el Kôm	20	2	10	00	0	0	—	13.9	+0.9	24	19	20		74	0	68	
	354	Zagazig	00	0	10	02	0	0	—			22	19	20	+3	83	0	53	27
	441	Ismâ'ilia																	
Cairo Area	366	Cairo (A)	330	2	10	01	2	0	—	13.5		22	18	20		78	0	55	
	372	Cairo Almâza (A)	340	5	12	01	2	2	Cu, Sc	13.2	+0.8	22	17	19	0	74	0	60	
	374	Cairo Ezbekîya										22	16	20	+2	69	0	43	26
	375	Giza	360	8	8	01	—	0		13.6	+1.0	22	18	20	+4	78	0	58	26
	378	Helwân	340	5	4	02	0	0		12.8	+0.3	23	16	19	0	65	0	36	29
Upper Egypt	381	Fayoûm	360	6	20	02	0	0	—	12.8	+0.4	26	16	19	0	55	0	16	8
	387	Minya (A)	10	13	8	02	0	0		11.2	-1.0	24	17	20	+2	65	0	10	
	393	Asyoût (A)	320	5	12	02	0	0		11.0	-0.5	26	14	23	+7	48	0	dr	
	399	Nag' Hamâdi	00	0		01	0	2	AC	9.5	-0.4	26	14	22	+2	48	0	1	
	402	Qena	00	0	10	00	1	3	Ci	9.0	-0.9	31		26	+4		0	dr	
	405	Luxor (A)	00	0	22	03	0	4	Cs	8.2	-1.4	32	15	21		36	0	0	
	414	Aswân	140	8	10	02	2	7	As	9.0	-0.9	35	7	29	+4	18	0	8	
Oases	417	Sîwa	40	4	16	02	0	0	—	15.3	+1.4	24	7	18	0	34	0	27	8
	420	Baharîya	40	5	10	02	0	0		13.2	+0.2	21	18	19	+1	83	0	0	7
	423	Farafra	20	7	15	02	0	0	—	14.0		27	4	20		23	0	dr	
	432	Dakhla	90	3	15	02	0	0	—	11.5	-0.1	33	15	28	+7	34	0	1	
	435	Kharga	360	4	5	03	0	1		8.6	-1.7	31	12	26	+3	31	3	6	
Red Sea	450	Suez	310	2	20	00	0	0		12.8	+0.9	25	19	18	2	70	0	45	17
	459	Tôr																	13
	462	Hurghâda	330	18	22	02	0	3	Sc	9.1	-0.5	20	8	25	+3	25	0	0.4	
	465	Quseir	350	8	20	03	2	8	AC	9.0	-0.6	30	17	27	+2	46	0	dr	4
	641	Port Sûdân	330	4	20	02	0	0	—	7.1		34	21	25		47	0		
North Sudan	600	Wâdi Halfa	00	0	16	05	2	7	AC, AS	8.2		32	8			22	0		
	640	Abu Hamad	00	0	22	02	2	7	AC, AS	7.6		33	14	29		32	0		
	660	Kareima	00	0	21	03	2	7	AC, AS	7.7		32	16	28		38	dr		
	680	'Atbara																	
	721	Khartoûm	270	2	20	02	6	7	AC, AS	6.9		31	19	25		49	2		
	730	Kassala	00	0	20	01	2	2	AC, CC	6.8		35	15						
Central Sudan	751	Wâd Medani																	
	801	Renk	130	5	20	02	1	7	Sc	11.0		27	21	25		70	0		
	802	Roseires	230	5	20	02	1	8	As	9.1		26	22	22		79	5		
	771	El Obeid	180	9	20	03	1	7	AC, CS	9.5		29	17	25		49	0		
	760	El Fasher	00	0	10	60	6	7	Sc, AC, AS	9.7		23	20	22		84	0.5		
	770	Geneina	00	0	50	03	2	7	Cb, AC	11.5		22	19	19		83	20		
S. Sûdân	840	Malakâl	180	10	20	01	6	7	AC, AS	9.8		28	19	24		58	dr		
	880	Wâu	00	0	20	03	2	7	AS	8.5		26	18	23		62	0		
	941	Juba	00	0	24	13	9	7	AC, AS	10.7		23	21	21		89	3		
		SHIP REPORTS in code.	733 49		197 06		129 02		98020	147 21		009 10		253 07		002 67		10622	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Asyout		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6		1-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	5	20	10	330	20	340	14	330	17	350	7	30	17	320	17	320	6	360	36	90	15
600 m.	350	16	10	16	340	23	350	15	330	12	350	6	30	22	340	19	360	6	10	30	60	17
1000 m.	360	21	360	20	320	11	350	16	360	10	350	6	30	28	340	18	20	12	10	14	40	18
1500 m.	350	20	350	21	330	4	10	13	10	7	10	9	20	26	350	16	360	13			30	25
2100 m.			360	24	330	11	360	14	340	14	10	23	20	28			20	10			20	23
2400 m.			360	31	320	10	20	17	290	5	20	16	20	33			20	10			20	23
3000 m.									340	9							360	16			20	22
4000 m.									300	4												
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	1-6		1-6		1-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	6	350	11	40	9	340	19	310	8	10	25	10	4	330	10	290	9	350	23	90	6
600 m.	320	9	340	14	30	16	330	11	320	9	20	30	20	12	350	13	350	7	360	22	80	22
1000 m.	330	7	330	14	40	17	350	13	310	12	20	25	10	14	310	24	320	10	10	18	90	14
1500 m.	330	13	330	17	40	16	350	19	300	11	20	23	10	17	300	20	360	9	30	29	60	17
2100 m.	320	17	330	23	360	17	340	17	340	16	60	15	360	22	290	21	320	19			80	16
2400 m.			340	24	360	21	330	32	350	20	50	15	360	22			330	27			70	16
3000 m.							340	28					10	21							100	12
4000 m.							360	31														
5000 m.							330	29														
6000 m.							320	49														

STATION	Salloum		Matruh		Aswan		Hurghada		Salloum		Matruh		Aswan		Bahariya		Farafra		Dakhla		Kharga	
DATE	2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	12	300	20	350	14	320	29	10	8	20	7	320	19	20	20	20	17	10	38	360	12
600 m.	360	29	310	17	360	17	340	10	10	10	10	14	320	20	20	28	20	13	10	42	360	13
1000 m.	360	30			10	11	340	19	20	15	10	18	300	18	20	26	20	13	10	40	350	14
1500 m.	10	30			360	11	330	8			360	23	310	40	20	14	20	21			310	22
2100 m.					20	16	270	12			350	33	40	10			10	19			250	19
2400 m.					10	12	280	16					40	18			10	24				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Sunday 2nd June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Lower Egypt: Hot and humid weather. Possibility of fog and low clouds early morning. Moderate N.W. winds.

Upper Egypt: Too hot weather. Some high and medium clouds in the south. Light N.W. winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 02 54 U.T.; Sunset 16 52 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 1st

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Salloûm	10	10	18	02	0	0	—	15.5	32	13	26
Sîdi Barrâni	350	12	18	02	0	0	—	15.4	27	15	46
Matrûḥ (A)	310	12	16	02	0	0	—	15.5	27	15	48
El Ḍab'aa	260	12	20	00	0	0	—	14.0	27	16	[illegible]
Alexandria	30	10	10	02	0	0	—	14.6	25	20	74
Alexandria (A)	330	16	16	02	0	0	—	13.8	26	20	70
Damietta	320	5	20	02	0	0	—	13.5	28	15	45
Port Sa'îd (A)	350	10	18	02	0	0	—	12.9	26	20	70
El 'Arish											
Damanhûr	360	2	20	02	0	0	—	13.1	31	17	43
Manṣûra	320	7	4	00	0	0	—	12.4	35	18	37
Ṭanṭa	270	5	20	02	0	0	—	13.4	34	17	36
Shebîn el Kôm	320	5	20	00	0	0	—	12.6	34	17	36
Zagazig	00	0	20	02	0	0	—		33	19	44
Abu Sueir	60	15	20	02	0	0	—	11.0	35	11	23
Cairo (A)	20	10	12	02	0	0	—	11.4	35	16	32
Cairo Almâza (A)	10	13	12	02	0	0	—	11.6	34	9	22
Cairo Ezbekîya											
Giza	60	7	10	02	0	0	—	13.9	34	13	29
Ḥelwân	360	5	4	02	0	0	—	11.4	36	7	17
Fayoûm	360	6	20	02	0	0	—	11.2	36	10	20
Minya (A)	350	10	10	02	0	0	—	10.4	36	8	18
Aṣyoûṭ (A)	300	6	14	02	0	0	—	10.2	38	7	15
Nag' Hamâdi	00	0	10	01	0	2	Ac	10.2	41		
Qena	00	0	20	00	0	7	Cs	6.3	41	0	8
Luxor (A)	280	3	22	02	2	7	Ac	7.8	42	14	19
Aswân	350	8	15	01	2	4	As	7.4	42	2	9
Sîwa	40	13	16	02	0	0		13.6	39	-1	8
Baḥarîya											
Farafra											
Dakhla	340	10	18	03	0	2	Ci	10.2	40	2	19
Kharga	330	9	15	01	1	3	Cu,Ci	6.8	41	12	18
Suez	360	2	50	02	0	0	—	12.0	35	11	23
Tôr											
Hurghâda	20	12	22	03	2	7	Ac	8.3	20	19	52
Quseir	340	10	20	01	2	5	Ac,Cs	9.2	31	20	52
Port Sûdân	40	9	20	02	0	0	—	7.3	36	26	56
Wâdi Ḥalfa	40	2	20	01	2	5	Cu,Ac	7.3	40	9	15
Abu Ḥamad	70	2	22	01	2	4	Ac	4.9	41	7	13
Kareima	320	8	21	25	8	8	Ac	6.5	37	10	19
'Aṭbara	270	2	20	03	2	0	Cu,Ac	3.4	40	9	15
Kharṭoûm	200	12	20	02	2	7	Sc,Ac	5.6	36	16	31
Kassala	00	0	20	02	0	2	Cu,Ac	3.5	39	15	24
Wâd Medani	260		20	03	2	7	Cu,Ac	5.2	37	14	25
Renk											
Roseires	280	2	20	01	2	3	Cu	3.9	35	19	39
El Obeid	00	0	20	21	6	7	Cb,Ac	4.5	34	14	30
El Fasher											
Geneina	00	0	60	03	2	8	St,Ac	13.8	25	17	61
Malakâl	250	17	20	01	2	5	Cb,Ci	5.9	34	20	44
Wâu	70	4	20	25	8	7	Cb	7.6	26	20	70
Juba	00	0	24	01	2	6	Cb,Ac,Cs	6.5	31	20	52

At 1800 on 1st

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Salloûm	00	0	10	02	0	0	—	15.1	24	20	33	+5	79	0
Sîdi Barrâni	90	2	16	02	0	0	—	15.1	23	17	27		69	0
Matrûḥ (A)	290	2	12	02	0	0	—	15.5	22	16	29		69	0
El Ḍab'aa	320	6	20	00	0	0	—	14.5	22	19	28		83	0
Alexandria	360	1	20	02	0	0	—	14.7	22	20	27	-1	89	0
Alexandria (A)	340	7	12	02	0	0	—	14.1	22	20	26	-2	89	0
Damietta	340	2		02	0	0	—	13.5	24	20	29		79	0
Port Sa'îd (A)	350	9	16	02	0	0	—	13.1	24	21	28	+1	84	0
El 'Arish														
Damanhûr	360	2	10	02	0	0	—	13.6	24	19	31	0	74	0
Manṣûra	360	5		02	0	0	—	13.3	26	16	36	+3	55	0
Ṭanṭa	310	6	20	02	0	0	—	13.3	29	12	37	+3	35	0
Shebîn el Kôm	340	5	10	00	0	0	—	12.6	27	13	36		42	0
Zagazig	40	1	10	02	0	0	—		29	20	36	+3	59	0
Abu Sueir	300	8	10	02	0	0	—	13.5	27	17	36		55	0
Cairo (A)	10	12	12	02	0	0	—	12.4	29	18	36		52	0
Cairo Almâza (A)	360	12	10	02	0	0	—	12.4	30	13	36	+2	35	0
Cairo Ezbekîya											38	+4		
Giza	50	9	10	02	0	0	—	12.6	30	14	36	+2	38	0
Ḥelwân	360	11	4	02	0	0	—	12.3	30	12	36	+2	33	0
Fayoûm	360	6	20	02	0	0	—	12.0	30	13	38	+3	35	0
Minya (A)	360	5	8	02	0	0	—	10.7	27	13	37	+1	42	0
Aṣyoûṭ (A)	300	5	12	02	0	0	—	10.3	31	8	40	+3	24	0
Nag' Hamâdi	00	0		00	0	0	—	9.1	30	17	44	+7	46	0
Qena	00	0		00	0	0	—	9.8	34	-2	42	+2	16	0
Luxor (A)	00	0	12	01	2	0		7.6	35	13	44		27	0
Aswân	00	0	12	01	1	5	As	7.8	36	9	44	+3	19	0
Sîwa	40	12	14	02	0	0	—	17.0	35	3	40	+4	13	0
Baḥarîya	20	6	10	02	0	0	—	11.8	34	19	38	+2	41	0
Farafra	360	4	12	02	0	0	—	11.7	30	-3	38		11	0
Dakhla	340	8	20	02	0	3	Ci	10.4	34	11	41	+2	25	0
Kharga	350	3	9	02	0	0	—	7.5	35	5	42	+3	15	0
Suez	310	3	10	02	0	0	—	13.6	18	15	36	+2	83	0
Tôr														
Hurghâda	310	18	12	02	2	6	Sc	7.9	32	14	33	+3	34	0
Quseir			20	03	2			9.1	31	17	33	+1	43	0
Port Sûdân	320	3	20	02	0	0	—		31	24	39		66	0
Wâdi Ḥalfa	130	10	20	03	2	7	Ac,Cs	6.7	37	11	41		20	0
Abu Ḥamad	340	18	7	07	2	7	Ac,Cs		35	8	43		19	0
Kareima	20	5	22	02	2					12				
'Aṭbara	260	4	20	01	2	5	Sc,Ac	6.7	37	9	41		18	0
Kharṭoûm	300	6	20	02	1	2	Ac	6.5	34	15	38		32	0
Kassala	00	0	20	02	0	2	Ci	4.6	33	14	40		32	0
Wâd Medani														
Renk														
Roseires														
El Obeid	240	8	20	13	2	7	Cb,Ac	8.1	29	17	36		49	dr
El Fasher	280	5	40	13	2	7	Cb,Ac	7.9	29	12	32		35	dr
Geneina	00	0	50	02	2	7	Ac	11.2	23	19	26		79	dr
Malakâl	150	6	20	13	2	7	Cb,Ac	8.1	28	21	36		66	0
Wâu	00	0	20	13	2	8	Cb,Ac	7.9	26	22	34		79	0.1
Juba	180	1	24	13	9	7	Cb,Ac	8.4	25	22	32		84	dr

73340 2 3212 11 802 98020 10826 00901 25220 73326 28 018 03 108 98010 15122 00900 76 104 00270
73340 2 4512 02 005 98020 16117 00900 24804

At 0600 on SUNDAY 2nd JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
Mediterranean	62300	SALLOÛM	320	8	18	02	0	0	—	16.6	+3.6	27	16	22	+4	52	0	260	
	303	SÎDI BARRÂNI	310	17	18	02	0	0	—	16.4		22	20	19		89	0	257	
	306	MATRÛḤ (A)	280	18	16	02	0	0	—	15.9	+2.3	25	17	17		61	0	270	
	309	EL ḌAB'AA	270	10	10	00	0	0	—	14.1		26	21	17		74	0	208	
	319	ALEXANDRIA	310	3	20	02	0	0	—	15.9	+2.3	23	20	20	0	84	0	284	186
	318	ALEXANDRIA (A)	320	6	12	02	0	0	—	15.4	+2.8	25	19	19	0	70	0	256	138
	330	DAMIETTA	220	5		03	1	5	AC	14.3	+1.9	23	21	17	-2	89	0	243	106
	333	PORT SA'ÎD (A)	260	5	14	01	1	1	Sc	14.4	+1.7	21	21	21	-1	97	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	330	2	10	02	0	0	—	15.0	+1.9	24	19	18	+1	74	0	140	101
	342	MANṢÛRA	00	0		00	0	0	—	15.4	+2.7	26	19	20	+2	66	0	79	55
	348	ṬANṬA	00	0	20	03	2	7	As	16.0	+2.9	21	19	18	+1	88	0	92	44
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	14.8	+1.9	25	19	20		70	0	68	
	354	ZAGAZIG	320	1	10	01	2	6	Sc	[illegible]		21	19	21	+4	88	0	53	27
	438	Abu Sueir	280	5	10	10	0	0	—	15.3		24	18	19		69	0		
Cairo Area	366	CAIRO (A)	00	0	2	10	0	9		15.7		19	19	18		97	0	55	
	372	CAIRO ALMÂZA (A)	340	1	2.5	10	2	8	Sc	15.4	+3.0	21	18	19	0	83	0	60	
	374	CAIRO EZBEKÎYA										23	18	19	0	74	0	43	26
	375	GIZA	50	5	6	43	—	0	—	15.8	+3.2	22	19	19	+3	83	0	58	26
	378	ḤELWÂN	320	9	3	05	0	0	—	14.8	+2.4	22	18	19	0	78	0	36	29
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	14.8	+2.4	27	16	19	0	52	0	16	8
	387	MINYA (A)	10	10	8	02	0	0	—	13.0	+0.8	25	15	18	0	64	0	10	
	393	AṢYOÛṬ (A)	280	8	12	02	0	1	Ci	13.0	+1.6	26	13	23	+2	45	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	2	AC	12.3	+2.4	28	15	22	+2	45	0	1	
	402	QENA	270	2	10	10	1	3	Ci	12.2	+2.4	29		25	+3		0	dr	
	405	LUXOR (A)	250	3	22	03	1	6	Cs	10.6	+1.0	30	14	26		38	0	0	
	414	ASWÂN	340	3	12	01	2	4	Ci	10.0	+0.2	34	1	27	+2	12	0	8	
Oases	417	SÎWA	00	0	16	02	0	0	—	16.9	+3.0	27	6	20	+2	27	0	27	8
	420	BAḤARÎYA	00	0	10	02	0	0		15.4	+2.4	23	16	19	+1	65	0	2	7
	423	FARAFRA	10	7	15	03	0	1	Ci	15.5		28	-2	19		14	0	dr	
	432	DAKHLA	10	2	12	03	0	1	Ci	14.0	+2.5	31	14	27	+6	36	0	1	
	435	KHARGA	360	4	6	03	0	2	Ci	11.4	+1.1	31	18	27	+4	46	0	6	
Red Sea	450	SUEZ	360	2	20	01	0	0	—	15.6	+3.8	25	15	17	-3	54	0	45	17
	459	TÔR																	13
	462	HURGHÂDA																0.4	
	465	QUSEIR	350	10	20	01	2	6	Ac,Ci	8.2	+1.3	31	17	27	+2	43	0	dr	4
	641	PORT SÛDÂN	00	0	20	01	1	1		7.0		37	23	25		45	0		
North Sudan	600	WÂDI ḤALFA	20	6	20	02	2	7	Ac,Cs	9.7		42	7	29		21	0		
	640	ABU ḤAMAD	20	9	22	01	1	2	Ci	7.1		36	7	29		17	0		
	660	KAREIMA	20	4	21	02	2	7	Ac,Cs	7.8		35	11	28		23	0.6		
	680	'AṬBARA	300	38	20	03	1	5	Ac,Cs	5.8		35	7	30		18	0		
	721	KHARṬOÛM																	
	730	KASSALA	70	9	20	03	2		Cs	8.3		32	18			43	0		
Central Sudan	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	280	7	20	02	6	5	Ac,Ci	10.5		28	18	25		55	dr		
	760	EL FASHER	30	3	40	01	6	8	Sc,As					22			dr		
	770	GENEINA																	
S. Sûdân	840	MALAKÂL																	
	880	WÂU	320	8	20	02	2	7	Ac,Cs	12.1		25	21	23		79	0.4		
	941	JUBA	160	5	24	03	2	7	AC	11.7		26	23	23		84	0.6		

SHIP REPORTS in code

13328 27206 02908 97000 16822 00900 25102 00121 12921
13334 24506 13109 98020 16x21 00905 7x110 00120
13327 28906 03014 99020 16023 00900 26400 00429 13022
13375 25906 13010 98020 16323 00901 26400 00319 13022
13329 27506 03310 98020 11921 00900 25210 00119 13330
13325 23706 03205 98020 15822 00800 24109 00219 13221

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6		2-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	17	320	17	350	21	340	29	310	23	360	28	40	21	340	23	320	17	10	40	50	16
600 m.	360	11	330	15	350	21	350	26	330	23	360	29	40	18	340	30	330	16	10	49	40	16
1000 m.	350	20	320	14	350	12	350	20	330	23	360	28	30	18	340	33	330	21	10	33	40	16
1500 m.	350	17	300	37	320	19	350	37	310	30	20	13	10	14	340	27	320	27	20	38	10	16
2100 m.	320	17					360	40	300	26			350	14	330	38	330	22	10	30	360	23
2400 m.	330	23					350	52					340	16	330	30	320	21			350	20
3000 m.	330	30											340	27	330	30	320	18			340	22
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Abu Sueir		Asyout		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	2-6		2-6		2-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	17	340	17	250	6	320	30	300	16	360	24	50	12	320	27	290	27	360	25	330	7
600 m.	340	23	80	10	340	9	340	33	320	19	360	31	40	10	340	29	280	33	350	24	350	6
1000 m.	350	25	10	30	350	29	340	32	310	23	20	41	30	9	320	28	280	21	360	28	330	33
1500 m.	350	31	360	26	320	37	320	24	300	25	30	24	340	21	320	32			10	26	340	21
2100 m.	350	42			320	37	300	28					340	23	320	34					330	18
2400 m.					320	43							340	23							330	18
3000 m.													350	30								
4000 m.													340	26								
5000 m.																						
6000 m.																						

STATION	Matruh		Aswan		Cairo(A)		Salloum		S. Baryani		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga	
DATE	3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	10	360	19	320	15	40	6	10	14	340	9	330	3	320	19	340	15	350	26	350	23
600 m.	360	14	10	18	330	13	20	11	20	17	340	10	320	6	310	16	350	23	350	13	350	26
1000 m.	360	14	40	10	330	17	10	9	20	14	350	23	340	7	320	19	360	12	10	11	350	28
1500 m.	20	16	10	20	330	23	20	10	30	20	360	23	40	5	350	9	360	19				
2100 m.			330	13									40	16	320	16						
2400 m.			20	11									320	9								
3000 m.			230	16									240	9								
4000 m.			250	17																		
5000 m.			260	26																		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °c	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb																				
950 mb.																				
900 mb																				
850 mb																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb																				
400 mb																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 3rd June, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour but not at time of observation
22	Snow	not falling as shower (s); during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow.
Hot weather in Lower Egypt and Cairo. Moderate NNW'ly winds. Mainly clear.
In Upper Egypt: Weather is too hot. Mainly clear. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / " " Sunset 16 52 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 2nd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C.	Temp. Dew Point °C.	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	10	14	18	02	0	0	—	16.7	30	21	59
	303	SÎDI BARRÂNI	340	16	18	02	0	0	—	17.0	24	20	79
	306	MATRÛH (A)	320	10	16	02	0	0	—	15.6	27	17	55
	309	EL DAB'AA	320	17	20	00	0	1	—	14.1	26	20	70
	319	ALEXANDRIA	360	14	20	02	0	0	—	15.6	26	18	62
	318	ALEXANDRIA (A)	340	14	12	02	0	0	—	15.1	27	19	62
	330	DAMIETTA	360	5	20	00	1	0	—	14.0	29	11	33
	333	PORT SA'ÎD (A)	340	16	18	02	0	0	—	14.0	28	17	52
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	330	2	20	02	0	0	—	14.6	31	10	28
	342	MANSÛRA	40	3		02	0	0	—	13.5	35	11	23
	348	TANTA	330	7	20	02	0	0	—	15.0	35	13	27
	360	SHEBÎN EL KÔM	340	5	20	00	0	0	—	13.5	34	17	36
	354	ZAGAZIG	360	1	10	01	1	0	—		34	14	30
	438	Abu SUEIR	360	9	20	02	0	0	—	15.0	36	14	27
CAIRO AREA	366	CAIRO (A)	60	8	16	02	0	0	—	12.8	35	8	19
	372	CAIRO ALMÂZA (A)	350	14	15	02	0	0	—	12.7	36	11	22
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	13	10	01	0	0	—	13.8	35	16	32
	378	HELWÂN	360	8	16	02	0	0	—	12.7	36	8	18
UPPER EGYPT	381	FAYOÛM	360	6	20	02	0	0	—	12.6	38	8	16
	387	MINYA (A)	10	17	10	02	0	1	ci	10.9	38	5	13
	393	ASYOÛT (A)	350	14	14	02	0	1	ci	14.1	40	-8	5
	399	NAG' HAMÂDI	00	0		00	0	0	—	9.8	39	10	17
	402	QENA	290	4	10	00	0	0	—	9.4	40		
	405	LUXOR (A)	290	12	22	02	0	1	ci	8.5	41	-3	6
	414	ASWÂN	330	8	15	03	1	4	Ac, ci	7.6	44	-3	5
OASES	417	SÎWA	20	11	12	02	0	0	—	14.8	40	-3	7
	420	BAHARÎYA	20	10	20	02	0	0	—	13.4	38		
	423	FARAFRA	40	11	18	03	0	5	as	13.3	38	2	11
	432	DAKHLA	20	12	14	03	0	4	ci	11.9	39	12	20
	435	KHARGA	320	8	12	02	1	3	ci	9.9	39	5	12
RED SEA	450	SUEZ	360	2	50	02	0	0	—	11.3	35	11	23
	459	TÔR											
	462	HURGHÂDA	350	16	20	03	0	2	ci	8.9	31	18	46
	465	QUSEIR	350	11	20	01	1	3	ci	9.2	32	22	56
	641	PORT SÛDÂN											
NORTH SUDAN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTOÛM											
	730	KASSALA											
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 2nd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C.	Dew Point °C.	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	320	14	10	02	0	0	—	17.4	27	19	32	+4	62	0
SÎDI BARRÂNI	310	9	16	02	0	0	—	17.0	22	20	26		89	0
MATRÛH (A)	290	7	15	02	0	0	—	17.1	22	20	28		89	0
EL DAB'AA	320	7	20	00	0	0	—	14.5	22	19	28		83	0
ALEXANDRIA	360	12	20	02	0	0	—	16.0	23	20	27	-1	84	0
ALEXANDRIA (A)	340	12	12	02	0	0	—	15.6	22	19	29	+1	83	0
DAMIETTA	340	5	4	02	0	0	—	14.3	24	18	30	+2	69	0
PORT SA'ÎD (A)	320	11	18	02	0	0	—	14.1	24	18	31	+4	69	0
EL 'ARISH														
DAMANHÛR	330	2	10	02	0	0	—	15.2	23	18	32	0	74	0
MANSÛRA	320	5		02	0	0	—	14.6	25	15	35	+2	54	0
TANTA	310	9	20	02	0	0	—	15.1	26	13	35	+1	45	0
SHEBÎN EL KÔM	320	5	10	00	0	0	—	13.6	27	12	36		40	0
ZAGAZIG	360	1	10	02	0	0	—		28	24	36	+2	79	0
Abu SUEIR	340	14	10	02	0	0	—	14.3	28	12	38		37	0
CAIRO (A)	70	10	12	02	0	0	—	14.1	23	11	37		47	0
CAIRO ALMÂZA (A)	340	14	12	02	0	0	—	13.5	29	10	36	+2	31	0
CAIRO EZBEKÎYA											38	+4		
GIZA	40	6	10	01	0	0	—	14.0	28	16	36	+2	49	0
HELWÂN	360	8	4	02	0	2	ci	13.0	30	11	36	+2	31	
FAYOÛM	360	6	20	02	0	0	—	13.5	30	10	39	+4	29	0
MINYA (A)	360	7	8	01	2	4	ci	11.1	28	12	38	+2	37	0
ASYOÛT (A)	340	7	12	01	0	0	—	10.8	33	6	40	+3	38	0
NAG' HAMÂDI	00	0	4	01	0	3	Ac	8.6	32	14	40	+3	34	0
QENA	00	0		00		0	—	8.4	33		42	+2		0
LUXOR (A)	00	0	12	01	0	1	ci	7.9	35	11	42		23	0
ASWÂN	360	4	12	01	0	0	—	7.7	38	-2	44	+3	8	0
SÎWA	50	12	15	02	0	0	—	15.0	35	3	41	+5	13	0
BAHARÎYA	20	5	10	02	2	5	ci	12.5	35	20	40	+4	42	0
FARAFRA	360	2	12	01	1	0	—	13.6	32	6	40		20	0
DAKHLA	340	9	9	01	0	3	ci	12.0	35	12	39	0	25	0
KHARGA	00	0	8	22	1	0	—	8.8	33	6	40	+1	19	0
SUEZ	310	2	10	02	0	0	—	14.6	29	9	37	+3	29	0
TÔR														
HURGHÂDA	320	18	10	01	0	0	—	8.3	31	10	34	+4	28	0
QUSEIR	340	8	20	01	0	0	—	9.4	29	16	33	+1	46	0
PORT SÛDÂN											44			
WÂDI HALFA											44			
ABU HAMAD											45			
KAREIMA											44			
'ATBARA	130	1	20	01	2	2	ci	3.3	39	10	44		14	0
KHARTOÛM	270	2	20	01	2	6	CS	7.9	38	11	42		23	0
KASSALA	00	0	20	01	1	0	—	4.7	33	16	41		36	0
WÂD MEDANI	230	9	20	01	2	4	Cb	6.1	35	16	41		32	0
RENK														
ROSEIRES														
EL OBEID											36			
EL FASHER	260	5	40	01	1	2	Ac	9.1	29	17	33		49	dr
GENEINA	120	3	45	01	2	7	As, ci	11.3	25	17	33		61	0
MALAKÂL	250	6	20	03	2	7	Sc, Cu, Ac	11.7	24	21	35		84	
WÂU											32			0.2
JUBA											33			

At 0600 on MONDAY 3rd JUNE, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb °C.	Dew Point °C.	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	00	0	18	02	0	0	—	18.5	+5.5	25	18	22	+4	65	0	260	
SÎDI BARRÂNI	320	12	18	00	0	0	—	18.0		22	19	18		83	0	257	
MATRÛH (A)	300	12	16	02	0	0	—	17.9	+4.3	24	18	17		69	0	270	
EL DAB'AA	270	10	10	00	0	0	—	15.9		24	19	15		74	0	208	
ALEXANDRIA	310	12	20	02	0	0	—	16.0	+2.5	23	20	21	+1	84	0	284	186
ALEXANDRIA (A)	300	15	12	02	0	0	—	15.4	+2.8	24	19	21	+2	74	0	256	138
DAMIETTA	290	2	10	00	0	0	—	14.3	+2.0	23	19	18	-1	79	0	243	106
PORT SA'ÎD (A)	270	16	14	02	0	0	—	13.6	+1.0	25	18	22	0	65	0		
EL 'ARISH																	
DAMANHÛR	330	2	10	02	0	0	—	14.8	+1.7	24	18	18	+1	69	0	140	101
MANSÛRA	90	3		00	0	0	—	14.6	+2.0	23	18	19	+1	74	0	79	55
TANTA	270	8	20	01	1	2	ci	16.0	+2.9	23	18	17	0	74	0	92	44
SHEBÎN EL KÔM	20	2	10	00	0	0	—	14.8	+2.0	25	17	19		61	0	68	
ZAGAZIG	220	1	10	03	0	3	As			23	18	18	+1	74	0	53	27
Abu SUEIR	270	15	10	02	0	2	ci	14.8		24	17	19		65	0		
CAIRO (A)	30	3	14	02	0	3		15.3		24	17	20		65	0	55	
CAIRO ALMÂZA (A)	300	7	10	02	1	4	ci	15.0	+2.6	24	16	21	+2	61	0	60	
CAIRO EZBEKÎYA										25	17	20	+1	61	0	43	26
GIZA	50	5	8	01		5	Cs	15.6	+3.1	24	17	21	+5	65	0	58	26
HELWÂN	00	0	4	04	2	6	ci	15.2	+2.8	24	14	18	-1	54	0	36	29
FAYOÛM	360	6	20	03	2	7	Ac	15.4	+3.1	27	13	20	+1	42	0	16	8
MINYA (A)	10	13	8	02	0	0	—	14.5	+2.3	25	14	18	0	51	0	10	
ASYOÛT (A)	270	6	12	02	0	0	—	14.2	+2.8	25	10	22	+1	39	0	dr	
NAG' HAMÂDI	00	0	4	01	0	3	Ac			27	16	22	+2	52	0	1	
QENA	270	0	10	00	1	2	ci	10.7	+1.0	31		24	+8		0	dr	
LUXOR (A)	00	0	22	03	0	3	ci	10.4	+0.9	34	14	23		30	0	0	
ASWÂN	360	11	12	03	0	3	ci	10.5	+0.8	32	4	25	0	17	0	8	
SÎWA	00	0	16	02	0	0	—	15.1	+1.2	27	8	20	+2	30	0	27	8
BAHARÎYA	360	2	10	02	2	6	Cs	16.5	+3.5	24	18	21	+3	69	0	2	7
FARAFRA	70	5	15	03	0	4	ci	17.1		27	7	22		28	0	dr	
DAKHLA	340	5	20	03	0	1	ci	15.4	+3.9	29	10	27	+6	31	0	1	
KHARGA	20	8	6	01	0	1	ci	11.6	+1.3	30	7	25	+2	24	0	6	
SUEZ	360	2	20	00	0	4	Cu	14.7	+2.9	26	14	16	-4	48	0	45	17
TÔR																	13
HURGHÂDA																0.4	
QUSEIR	340	10	20	03	0	3	ci				14	24	-1		0	dr	4
PORT SÛDÂN	60	3	20	02	0	1	Ac	7.9		35	23	26		50	0		
WÂDI HALFA	10	13	20	02	0	2	Ac, ci	10.4		32	7	27		21	0		
ABU HAMAD	360	9	24	03	0	7	Cs	6.5		36	5	29		14	0		
KAREIMA	90	10	21	02	2	6	Cs	6.8		36	3	31		13	0		
'ATBARA	260	3	18	05	0	0	—	6.0		34	13	29		29	0		
KHARTOÛM	270	8	20	03	0	2	ci	6.8		33	16	29		36	0		
KASSALA	170	7	20	02	0	1	ci	10.1		30	17	25		46	0		
WÂD MEDANI	220	11	20	02	1	4	Ac, ci	9.8		29	18	24		52	0		
RENK																	
ROSEIRES	50	2	20	02	2	4	St	11.8		25	22	20		84	17		
EL OBEID	280	12	20	01	0	1		9.8		29	17	23		49	dr		
EL FASHER	270	2	40	02	2	7	Ac, As	13.4		25	19	24		70	dr.		
GENEINA	00	0	50	03	2	6	Ac, Cs	15.1		26	19	23		70	0		
MALAKÂL	250	7	20	02	6	7	Ac, As	13.3		24	20	21		79	dr		
WÂU	290	3	10	02	9	8	As	13.6		23	22	22		94	38		
JUBA	180	2	24	02	9	7	Sc, Ac, Cs	14.1		24	21	20		84	16		

SHIP REPORTS in code

1200	1800	0600
13244 36112 17115 98030 07831 15XX2 34803	13324 29618 03210 99020 16372 00900 36710 00167 13221	23259 35306 13220 97050 07982 00801 75208 00270 13824
13323 29312 01406 98020 15726 00900 24708	13233 36718 03105 99020 09483 00900 34703 00276	23344 29806 03115 98020 13321 00900 26828 00117 13143
13340 22212 03110 98020 19922 00900 76715	13348 25918 22007 98020 16523 10749 26400 00221 18021	23336 24206 03509 97050 20407 20470 00900 35204 00067
13329 27812 03212 98020 17027 00900 36400	13349 27118 13110 98020 19421 10921 13133	23163 41306 02706 97020 10330 00900 76318 05229 12721
13322 30212 01010 98020 15523 00900 26708	13321 30418 03210 98020 11572 00900 35400 05167 13247	
13235 29012 03309 98020 10522 00900 25610		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sollaum		Matruh		Asyout		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		Abu Sueir		Minya		Siwa	
DATE	3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6		3-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	19	340	17	350	30	330	27	300	39	350	18	20	15	320	16	300	18	340	17	40	17
600 m.	350	19	350	24	360	29	330	28	300	26	350	16	10	21	330	30	310	23	340	23	20	15
1000 m.	10	16	340	27	340	40	340	27	300	40	350	16	10	22	340	24	320	20	330	22	10	16
1500 m.	360	26	340	26			330	50	300	40	360	17	360	23	40	40	300	32	300	26	330	23
2100 m.	330	25	360	31									360	23					340	29	330	25
2400 m.	340	27	360	28									360	28					340	32	340	26
3000 m.	340	34	340	25																	350	40
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Asyout		Luxor		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	3-6		3-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6	
TIME	2300		2300		0500		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	21	320	18	360	21	340	18	320	18	360	12	30	13	360	13	320	13	340	20	10	6
600 m.	350	23	330	23	340	25	360	31	330	10	10	15	30	12	360	14	290	9	360	23	10	9
1000 m.	360	33	330	30	360	23	360	22	350	13	10	20	30	11	350	15	290	5	350	23	10	17
1500 m.	340	36	360	30	340	17	360	23	350	13	360	23	10	22	340	25	320	13			20	18
2100 m.			340	43	310	16	360	40	350	17	330	16	360	23	340	10	340	24			10	22
2400 m.			340	50			360	25			330	11	360	27	220	5	10	19			360	22
3000 m.													360	38	280	4					360	40
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sollaum		Asyout		Luxor		Sollaum		S.Bayyani		Cairo(A)		Aswan		Bahariya		Dakhla		Kharga		Abu Sueir	
DATE	4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	10	340	11	320	11	20	23	360	13	340	10	330	13	10	18	350	12	350	15	340	10
600 m.	30	10	330	16	350	21	30	18	10	8	340	17	350	16	20	20	360	10	360	7	350	4
1000 m.	20	17	310	12	350	35	60	18	350	8	340	19	360	17	20	18	350	12	360	23	340	12
1500 m.	10	18	320	25	340	35	20	10					340	15	20	24			350	24		
2100 m.					360	14									10	10						
2400 m.															20	5						
3000 m.															10	21						
4000 m.															360	26						
5000 m.															350	26						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 4th June, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Slight fall in temperature. Moderate N'ly winds, fresh at times. Some low clouds in the early morning over Lower Egypt and Cairo, dissipating gradually during daytime.

In Upper Egypt: Weather continues too hot. Moderate N'ly winds. Mainly clear.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / " " Sunset 16 53 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 3rd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Relative Humidity %
SALLOUM	30	6	18	02	0	0	—	19.7	27	16	52
SIDI BARRANI	350	12	18	02	0	0	—	18.9	25	19	70
MATRUH (A)	330	17	16	02	0	2	—	17.9	26	16	55
EL DAB'AA	320	25	20	00	0	0	—	15.2	26	16	55
ALEXANDRIA	310	18	20	02	0	0	—	15.6	25	19	70
ALEXANDRIA (A)	320	17	12	02	0	0	—	15.0	26	18	62
DAMIETTA	090	5	20	02	0	0	—	13.8	25	18	65
PORT SA'ID (A)	320	24	16	02	0	0	—	12.3	27	19	62
EL 'ARISH											
DAMANHUR	330	2	20	02	0	0	—	14.6	27	17	55
MANSURA	360	9		02	0	0	—	13.3	31	13	33
TANTA	310	16	20	02	0	0	—	14.6	31	12	31
SHEBIN EL KOM	340	5	20	00	0	0	—	13.4	31	9	26
ZAGAZIG	360	2	20	01	1	0	—		32	16	38
ABU SUEIR	090	25	20	02	0	1	ci	12.5	33	5	17
CAIRO (A)	20	14	18	01	0	0		13.0	33	10	24
CAIRO ALMAZA (A)	290	18	18	02	0	2	cs	12.7	32	5	18
CAIRO EZBEKIYA											
GIZA	70	14	10	01	0	1	cs	14.0	32	9	24
HELWAN	320	18	4	05	1	2	ci	13.0	32	6	20
FAYOUM	360	6	20	01	1	4	Ac	13.4	35	8	19
MINYA (A)	10	10	10	02	1	4	ci	12.7	33	7	20
ASYOUT (A)	330	14	16	02	0	2	ci	11.6	37	2	11
NAG' HAMADI	270	5	10	02	0	4	ci	9.1	38	0	9
QENA	290	2	20	00	0	3	ci	7.9	41	0	8
LUXOR (A)	340	8	22	02	0	2	ci	7.2	41	14	20
ASWAN	360	14	14	03	0	3	ci	7.2	41	0	8
SIWA	10	14	16	02	0	0	—	16.1	38	-3	7
BAHARIYA	20	9	20	02	2	4	ci	14.4	35	23	50
FARAFRA	360	5	20	01	2	2	ci	14.2	38	-2	8
DAKHLA	350	14	7	03	0	0	—	12.3	38	14	24
KHARGA	360	14	14	03	0	3	ci	7.2	41	0	8
SUEZ	340	2	50	02	0	4	cu	11.6	35	8	19
TOR											
HURGHADA	270	24	20	02	0	1	ci	8.0	34	11	25
QUSEIR	340	12	20	03	1	6	Ac	8.8	31	17	43
PORT SUDAN	30	15	10	07	0	0		6.0	37	26	53
WADI HALFA	20	12	20	03	1	5	ci	7.7	42	6	11
ABU HAMAD	20	2	22	01	2	3	ci	3.6	44	10	13
KAREIMA	130	3	21	02	1	3	cu, ci	3.2	45	7	10
ATBARA	160	6	15	06	0	5	cu, ci	3.0	43	11	15
KHARTOUM	130	2	20	03	0	5	cu, ci	2.2	43	14	18
KASSALA	200	2	20	02	0	1	ci	4.3	39	13	21
WAD MEDANI	220	10	20	02	1	6	cu, Ac, cs	4.4	41	15	22
RENK	180	5	20	02	1	1	Ac	9.9	33	20	47
ROSEIRES											
EL OBEID	320	7	20	03	1	5	cu, Ac, cs	4.5	39	11	18
EL FASHER	20	5	40	03	1	6	cu, Ac	6.7	37	14	25
GENEINA	00	0	50	02	2	6	cu, Ac	10.6	33	18	41
MALAKAL	250	10	20	02	2	6	ch, Ac	10.4	31	21	55
WAU	250	7	20	01	2	7	cu, As	10.3	31	22	59
JUBA	50	1	24	01	2	5	ch, ci	10.1	30	20	55

At 1800 on 3rd

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	350	8	12	02	0	0	—	18.6	25	12	28	-1	45	0
SIDI BARRANI	330	11	16	02	0	0	—	18.0	22	18	26		78	0
MATRUH (A)	310	14	12	02	0	1	ci	17.6	22	16	27		69	0
EL DAB'AA	360	20	20	02	0	0	—	16.0	22	13	27		57	0
ALEXANDRIA	360	16	20	03	0	1	cu	15.6	22	15	26	-2	65	0
ALEXANDRIA (A)	330	15	12			3	sc	15.1	21	16	26	-2	74	0
DAMIETTA	320	5		02	0	0	—	13.1	23	16	26	-2	65	0
PORT SA'ID (A)	310	23	16	03	0	1	sc	12.7	23	17	30	+3	69	0
EL 'ARISH														
DAMANHUR	330	2	10	02	0	0	—	13.9	23	18	28	-4	74	0
MANSURA	270	5		02	0	0	—	13.6	23	14	31	-2	57	0
TANTA	310	8	20	02	0	0	—	14.7	23	14	32	-2	57	0
SHEBIN EL KOM														
ZAGAZIG	270	1	10	02	0	0	—		25	15	33	-1	54	0
ABU SUEIR	290	5	8	02	0	0	—	13.6	24	12	33		47	0
CAIRO (A)	20	11	12	02	0	0	—	14.3	24	14	33		54	0
CAIRO ALMAZA (A)	290	5	15	01	0	0	—	13.7	24	12	33	-1	47	0
CAIRO EZBEKIYA											34	0		
GIZA	90	10	10	01	0	0	—	14.3	23	12	33	-1	50	0
HELWAN	320	12	4	06	0	0	—	13.1	24	9	32	-2	38	0
FAYOUM	360	6	20	01	0	0	—	14.3	24	9	35	0	38	0
MINYA (A)	360	13	8	02	1	0	—	12.9	27	6	36	0	27	0
ASYOUT (A)	360	11	12	01	0	1	ci	12.1	31	4	38	+1	18	0
NAG' HAMADI	270	3		01	0	2	Ac	10.0	32		39	+2		0
QENA	290	6		00	0	0	—	11.6	34		42	+2		0
LUXOR (A)	340	10	12	02	0	0	—	8.0	35	16	48		32	0
ASWAN	360	12	15	01	0	0	—	7.3	33	5	42	+1	17	0
SIWA	40	19	15	02	0	0	—	16.1	31	7	38	+1	22	0
BAHARIYA	360	6	10	02	1	0	—	14.4	29	19	37	+1	55	0
FARAFRA	360	4	22	00	0	0	—	14.0	30	6	38		22	0
DAKHLA	340	14	5	02	0	0	—	12.3	34	14	39	0	30	0
KHARGA	330	3	8	03	0	0	—	9.4	33	8	40	+1	21	0
SUEZ	310	2	10	01	0	0	—	13.1	28	10	36	+2	33	0
TOR														
HURGHADA	310	30	10	02	0	2	cs	7.3	31	21	37	+7	55	0
QUSEIR	340	10	20	01	0	6		7.8	29	20	32	0	59	0
PORT SUDAN	320	1	20	02	0	0	—	6.2	31	22	39		59	0
WADI HALFA	360	13	20	02	1	3	ci	7.7	37	7	43		16	0
ABU HAMAD														
KAREIMA	50	13	16	07	1	0	—	8.2	40	0	46		8	0
ATBARA														
KHARTOUM	90	4	20	02	1	1	Ac	2.0	38	10	46		18	0
KASSALA											41			0
WAD MEDANI	180	8	20	01	1	1	cs	4.4	36	15	41		29	0
RENK											35			
ROSEIRES											35			
EL OBEID	220	12	20	01	0	2	Ac, ci	4.0	35	16	41		32	dr
EL FASHER	00	0	40	02	8	7	Ac	7.2	27	21	38		70	2
GENEINA														
MALAKAL	210	5	20	13	2	7	ch, Ac	10.0	28	21	33		66	0
WAU														
JUBA	00	0	24	13	2	5	ch, Ac	11.6	25	22	31		84	0

Station	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	23328	27518	33518	98831	17422	00974	35714
SIDI BARRANI	23352	27648	23025	98030	14922	20880	00277
MATRUH (A)	23282	33318	32221	98050	17928	00902	75220
EL DAB'AA	23335	24518	18102	98020	19122	00001	24601
ALEXANDRIA							
ALEXANDRIA (A)							
DAMIETTA							
PORT SA'ID (A)							
EL 'ARISH							
DAMANHUR							
MANSURA							
TANTA							
SHEBIN EL KOM							
ZAGAZIG							
ABU SUEIR							
CAIRO (A)							
CAIRO ALMAZA (A)							
CAIRO EZBEKIYA							
GIZA							
HELWAN							
FAYOUM							
MINYA (A)							
ASYOUT (A)							
NAG' HAMADI							
QENA							
LUXOR (A)							
ASWAN							
SIWA							
BAHARIYA							
FARAFRA							
DAKHLA							
KHARGA							
SUEZ							
TOR							
HURGHADA							
QUSEIR							
PORT SUDAN							
WADI HALFA							
ABU HAMAD							
KAREIMA							
ATBARA							
KHARTOUM							
KASSALA							
WAD MEDANI							
RENK							
ROSEIRES							
EL OBEID							
EL FASHER							
GENEINA							
MALAKAL							
WAU							
JUBA							

At 0600 on TUESDAY 4th JUNE, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st.	Rainfall mms. Normal From Oct. 1st.
SALLOUM	360	6	18	02	0	0	—	16.6	+3.6	23	14	20	+2	57	0	260	
SIDI BARRANI	360	10	18	00	0	0	—	16.6		22	17	18		74	0	257	
MATRUH (A)	330	14	16	02	0	0	—	16.0	+2.4	23	17	20		69	0	270	
EL DAB'AA	320	18	10	00	0	0	—	13.0		23	16	21		65	0	208	
ALEXANDRIA	350	12	20	02	0	0	—	13.8	+0.3	22		20	0		0	284	186
ALEXANDRIA (A)	340	14	12	02	0	0	—	13.3	+0.7	23	20	20	+1	84	0	256	138
DAMIETTA	340	5	10	00	0	0	—	12.7	+0.4	23	18	19	0	74	0	245	106
PORT SA'ID (A)	320	14	18	02	0	0	—	11.6	-1.0	24	20	20	-2	79	0		
EL 'ARISH																	
DAMANHUR	360	5	10	02	0	0	—	13.3	+0.3	24	19	18	+1	74	0	140	101
MANSURA	270	5		00	0	0	—	12.2	-0.4	24	18	19	+1	69	0	79	55
TANTA	360	11	20	02	2	0	—	13.4	+0.4	22	18	17	0	78	0	92	44
SHEBIN EL KOM	320	2	10	00	0	0	—	12.8	0.0	22	17	18		74	0	68	
ZAGAZIG	220	1	10	03	1	3	As			21	18	17	0	83	0	53	27
ABU SUEIR	280	10	15	01	0	1	cu	12.8		22	19	18		83	0		
CAIRO (A)	360	3	16	01	0	0	—	12.9		22	18	18		78	0	55	
CAIRO ALMAZA (A)	280	5	12	01	0	1	cu	12.8	+0.5	22	16	19	0	69	0	60	
CAIRO EZBEKIYA										24	17	19	0	65	0	43	26
GIZA	70	2	10	01	—	0	—	14.0	+1.5	22	17	18	+2	74	0	58	26
HELWAN	00	0	4	05	1	1	sc	13.4	+1.1	21	16	18	-1	74	0	36	29
FAYOUM	360	4	20	02	0	0	—	13.8	+1.5	24	16	19	0	61	0	16	8
MINYA (A)	360	12	8	02	1	3	cu	13.6	+1.4	21	14	15	-3	65	0	10	
ASYOUT (A)	300	6	12	01	1	1	Sc	14.1	+2.8	21	12	18	-3	57	0	dr	
NAG' HAMADI	00	0	4	01	0	2	Ac	12.7	+2.9	22	13	19	-1	57	0	1	
QENA	290	4	10	00	5	0	—	11.4	+1.7	25		20	-2		0	dr	
LUXOR (A)	330	6	22	01	1	1	ci	10.4	+0.9	26	12	22		42	0	0	
ASWAN	360	13	18	02	0	1	ci	10.3	+0.7	28	1	25	0	18	0	8	
SIWA	360	7	14	02	0	0	—	17.2	+3.4	22	13	16	-2	57	0	27	8
BAHARIYA	340	6	10	02	0	0	—	15.1	+2.1	20	16	16	-2	78	0	2	7
FARAFRA	20	7	18	02	0	0	—	16.6		22	11	16		50	0	dr	
DAKHLA	10	11	20	03	0	2	ci	15.2	+3.7	24	20	21	-1	79	0	1	
KHARGA	360	4	6	02	0	1	ci	12.6	+2.4	23	13	20	-3	53	0	6	
SUEZ	310	2	20	00	0	3	cu	14.0	+2.3	22	17	16	-4	74	0	45	17
TOR																	13
HURGHADA																0.4	
QUSEIR	350	16	20	03	0	2		9.0	-0.3	27	23	25	0	79	0	dr	4
PORT SUDAN																	
WADI HALFA	360	18	13	05	0	2	Ac, ci	10.5		29	10	25		31	0		
ABU HAMAD																	
KAREIMA																	
ATBARA																	
KHARTOUM	200	7	20	07	2	7	cs	8.5		31	17	28		31	0		
KASSALA																	
WAD MEDANI	180	12	20	01	1	4	cs	8.7		31	19	27		49	0		
RENK	230	9	20	02	1	6	Ac	12.4		28	22	23		70	0		
ROSEIRES	230	9	20	02	2	4	Sc	11.1		27	21	25		70	0		
EL OBEID	270	18	20	03	2	7	Ac, cs	9.6		31	19	27		49	dr.		
EL FASHER	250	3	40	02	2	7	cs	10.2		27	16	21		52	2		
GENEINA																	
MALAKAL	220	6	20	01	2	4	Ac, cs	12.5		27	22	23		74	0		
WAU	250	3	20	02	2	7	Ac, As	10.7		25	22	25		84	0		
JUBA	180	2	20	02	1	6	Sc			23	20	20		84	0		

Station	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Total From Oct. 1st.	Rainfall mms. Normal From Oct. 1st.
SALLOUM	33276	34006	02124	98051	10271	00000	34206	05166
SIDI BARRANI	33320	30406	03513	97020	11327	25606	05166	13533
MATRUH (A)	33346	34006	00705	98020	17220	00900	95604	00017
EL DAB'AA								
ALEXANDRIA								
ALEXANDRIA (A)								
DAMIETTA								
PORT SA'ID (A)								
EL 'ARISH								
DAMANHUR								
MANSURA								
TANTA								
SHEBIN EL KOM								
ZAGAZIG								
ABU SUEIR								
CAIRO (A)								
CAIRO ALMAZA (A)								
CAIRO EZBEKIYA								
GIZA								
HELWAN								
FAYOUM								
MINYA (A)								
ASYOUT (A)								
NAG' HAMADI								
QENA								
LUXOR (A)								
ASWAN								
SIWA								
BAHARIYA								
FARAFRA								
DAKHLA								
KHARGA								
SUEZ								
TOR								
HURGHADA								
QUSEIR								
PORT SUDAN								
WADI HALFA								
ABU HAMAD								
KAREIMA								
ATBARA								
KHARTOUM								
KASSALA								
WAD MEDANI								
RENK								
ROSEIRES								
EL OBEID								
EL FASHER								
GENEINA								
MALAKAL								
WAU								
JUBA								

Area	Index Number	Station
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	306	MATRUH (A)
	309	EL DAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ID (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSURA
	348	TANTA
	360	SHEBIN EL KOM
	354	ZAGAZIG
	438	ABU SUEIR
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYA
	375	GIZA
	378	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOUT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOUM
	730	KASSALA
CENTRAL SUDAN	751	WAD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

SHIP REPORTS IN CODE

(A) AERODROME

* 9 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo(A)		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6		4-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	4	340	19	340	14	340	23	320	16	360	26	20	17	330	17	310	21	10	31	80	15
600 m.	340	14	350	17	340	23	340	22	330	19	360	28	20	16	330	13	310	20	10	33	40	9
1000 m.	320	13	340	16	20	23	340	21	320	23	360	26	20	17	360	19	320	16	360	16	360	15
1500 m.	350	25	340	16	340	14	320	19	320	17			360	13	360	23	340	14	310	22	10	23
2100 m.	350	25					360	35	310	23			360	17	350	35	340	18	360	27	10	31
2400 m.							350	39	320	30			360	31	340	33			350	22	360	41
3000 m.							340	33	330	26			10	37	330	25			350	10	360	43
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Abu Sueir		Cairo(A)		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		Abu Sueir		Minya		Siwa	
DATE	4-6		4-6		4-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	15	340	14	330	10	330	13	310	6	10	17	90	11	290	10	300	4	340	12	150	3
600 m.	340	12	340	13	340	26	360	11	330	5	20	19	40	10	280	7	290	7	350	10	90	1
1000 m.	20	10	340	14	350	26	350	5	320	10	20	23	30	10	320	16	360	2	350	10		
1500 m.	310	10	320	13	40	14	20	20	350	5	20	28	20	22	10	14	10	13			30	17
2100 m.	330	22	340	31	360	3	360	23					20	32	40	16	360	14			30	26
2400 m.	320	17	340	33	300	4							20	30	40	21					30	28
3000 m.	320	30			310	10							20	45	20	19					30	30
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Asyout		Aswan		S.Barrani		Cairo(A)		Asyout		Luxor		Aswan		Bahariya		Dakhla		Kharga	
DATE	5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	130	4	360	10	360	12	350	5	360	4	310	14	300	7	360	6	350	8	330	12	20	23
600 m.	170	4	30	13	40	13	360	3	20	5	320	21	360	5	360	5	350	7	330	8	10	13
1000 m.	20	11	340	17	70	16	10	4	10	9	360	12	350	10	360	2	330	8	350	7	360	9
1500 m.	10	21	360	23	110	28			10	18	330	16	20	4	270	5	340	13	40	9		
2100 m.													350	8	220	5	30	9	30	6		
2400 m.													350	9			30	10				
3000 m.													340	10			20	10				
4000 m.																	10	19				
5000 m.																	360	12				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb.																						
950 mb.																						
900 mb																						
850 mb																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 5th JUNE, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous shallow fog on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:
Mild weather all over the Republic. Some low clouds over Lower Egypt and Cairo in the early morning, clearing soon. Moderate N/NW ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / Sunset 16 53 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

(A) AERODROME

* 9 = Sky obscured by fog etc.

At 1200 on 4th

Area	Index No.	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	10	6	18	02	0	0	—	15.9	28	11	35
	303	SÎDI BARRÂNI	350	11	18	02	0	0	—	16.1	24	17	65
	306	MATRÛH (A)	320	15	16	02	0	0	—	15.8	25	16	58
	309	EL DAB'AA	320	17	20	00	0	0	—	14.4	25	19	70
	319	ALEXANDRIA	360	13	20	02	0	0	—	13.6	24	18	69
	318	ALEXANDRIA (A)	360	12	12	02	0	0	—	13.0	26	18	62
	330	DAMIETTA	340	25	20	02	0	0	—	12.6	26	17	58
	333	PORT SA'ÎD (A)	330	12	18	02	0	0	—	11.4	26	20	70
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	20	2	20	01	0	1	ci	12.6	30	17	46
	342	MANṢÛRA	360	4		02	0	0	—	11.4	32	11	28
	348	ṬANṬA	310	17	20	02	0	0	—	12.4	31	11	29
	360	SHEBÎN EL KÔM	20	5	20	00	0	0	—	11.6	32	13	32
	354	ZAGAZIG	320	1	20	02	0	0			32	15	36
	438	ABUSUEIR	300	15	20	03	0	1	cu	10.5	33	4	16
Cairo Area	366	CAIRO (A)	20	10	18	02	0	0	—	10.6	33	9	23
	372	CAIRO ALMÂZA (A)	340	11	20	02	0	0	—	10.8	32	10	26
	374	CAIRO EZBEKÎYA											
	375	GIZA		14	10	02	0	0	—	11.5	32	10	26
	378	ḤELWÂN	340	3	10	02	0	0	—	10.7	31	7	22
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	11.6	32	9	24
	387	MINYA (A)	350	14	10	02	0	0	—	11.3	31	9	26
	393	AṢYOÛṬ (A)	340	12	18	02	0	0	—	10.3	32	7	21
	399	NAG' HAMÂDI	00	0	10	00	0	0	—	9.1	33	13	30
	402	QENA	290	4	20	00	0	0	—	7.6	35		
	405	LUXOR (A)	320	6	22	02	0	0	—	6.9	34	15	32
	414	ASWÂN	360	15	15	02	0	2	ci	6.5	37	-12	4
Oases	417	SÎWA	350	8	19	02	0	0	—	14.4	35	2	12
	420	BAḤARÎYA	20	4	20	02	1	0	—	13.2	31	21	55
	423	FARAFRA	360	6	20	02	0	0	—	13.6	30	6	22
	432	DAKHLA	290	14	20	02	0	0	—	12.7	32	11	28
	435	KHARGA	330	10	12	02	0	0	—	9.1	32	10	26
Red Sea	450	SUEZ	360	3	50	01	0	2	cu	11.8	32	2	15
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	360	14	20	01	0	0	—	8.8	28	17	52
	641	PORT SÛDÂN	40	11	28	02	0	0	—	6.3	33	28	74
North Sudan	600	WÂDI HALFA	20	12	16	02	0	1	ci	7.6	37	1	11
	640	ABU ḤAMAD	360	5	22	02	0	0	—	2.9	43	7	12
	660	KAREIMA	90	4	20	02	0	0	—	4.0	42	5	15
	680	'AṬBARA	00	0	20	02	0	1	cu	1.8	44	3	8
	721	KHARṬOÛM	180	7	20	03	2	7	cu, Ac	2.0	42	14	19
	730	KASSALA	230	2	20	02	0	2	cu, ci	3.5	39	15	24
Central Sudan	751	WÂD MEDANI	230	10	20	03	1	6	cu, ci	3.7	40	17	26
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	230	5	20	02	2	6	cs	3.6	39	12	20
	760	EL FASHER	50	6	10	05	2	7	cs	4.9	38	9	17
	770	GENEINA	50	8	30	02	0	1	ci	7.2	36	9	19
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

Ship reports in code (1200):

33265	34612	03320	98020	08678	00900	34715
33219	38512	03225	97020	09230	00900	76400
33328	27212	00213	97060	14870	00900	15815
33346	25012	02908	98020	16375	00900	7480

At 1800 on 4th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs mms
SALLOÛM	00	0	8	02	0	0	—	15.4	22	19	28	-1	83	0
SÎDI BARRÂNI	360	1	16	02	0	0	—	15.0	21	19	25		88	0
MATRÛH (A)	310	9	14	02	0	0	—	14.8	21	16	26		74	0
EL DAB'AA	320	12	20	00	0	0	—	13.4	21	16	25		74	0
ALEXANDRIA	360	14	20	02	0	0	—	13.6	21	18	26	-2	83	0
ALEXANDRIA (A)	340	11	12	02	0	4	Sc	13.2	21	19	26	-2	88	0
DAMIETTA	290	5		02	0	0	—	12.4	23	17	26	-2	69	0
PORT SA'ÎD (A)	330	16	18	02	0	0	—	11.6	23	17	28	+1	69	0
EL 'ARISH														
DAMANHÛR	20	2	10	02	0	0	—	13.3	23	18	30	-2	74	0
MANṢÛRA	320	6		02	0	0	—	12.3	24	14	32	-1	54	0
ṬANṬA	360	5	20	02	0	0	—	13.4	24	12	32	-2	47	0
SHEBÎN EL KÔM	20	5	10	00	0	0	—	11.9	25	15	33		54	0
ZAGAZIG	00	0	10	02	0	0	—		26	14	32	-2	48	0
ABUSUEIR	330	10	8	02	0	0	—	12.2	26	11	33		40	0
CAIRO (A)	10	10	12	02	0	0	—	11.8	26	7	33		30	0
CAIRO ALMÂZA (A)	330	10	20	02	0	0	—	11.6	27	9	33	-1	33	0
CAIRO EZBEKÎYA											33	-1		
GIZA		8	10	02	0	0	—	12.0	26	10	33	-1	37	0
ḤELWÂN	360	10	10	02	0	0	—	11.5	27	6	32	-2	27	0
FAYOÛM	360	4	20	02	0	0	—	10.8	28	8	35	0	29	0
MINYA (A)	360	8	8	02	0	0	—	11.0	25	9	33	-3	36	0
AṢYOÛṬ (A)	310	7	12	02	0	0	—	10.0	28	8	33	-4	29	0
NAG' HAMÂDI	00	0		01	0	2	As	8.3	28	13	36	-1	40	0
QENA	00	0		00	0	0	—	7.5	30		38	-2		0
LUXOR (A)	300	5	12	02	0	0	—	6.5	32	14	36		34	0
ASWÂN	360	4	10	01	0	0	—	7.1	32	6	38	-3	20	0
SÎWA	30	10	14	02	0	0	—	13.0	31	6	35	-2	21	0
BAḤARÎYA	360	6	20	02	0	0	—	11.4	30	19	34	-2	52	0
FARAFRA	360	3	12	02	0	0	—	13.0	28	2	33		19	0
DAKHLA	350	5	14	02	0	0	—	11.8	30	11	34	-5	31	0
KHARGA	350	3	9	02	0	0	—	8.3	29	8	34	-5	27	0
SUEZ	360	3	10	01	0	0	—	12.4	27	9	33	-1	33	0
TÔR														
HURGHÂDA	320	20	10	02	0	0	—	7.6	28	13	31	+1	40	0
QUSEIR	320	11	20	02	0	0	—	7.9	27	12	30	-2	40	0
PORT SÛDÂN	340	9	20	02	0	0	—	8.8	30	25	34		74	0
WÂDI HALFA	350	7	20	01	0	0		7.7	31	5	39		19	0
ABU ḤAMAD	340	5	20	02	0	0		3.7	36	7	43		17	0
KAREIMA	30	7	20	02	0	0		4.0	36	2	43		12	0
'AṬBARA	10	7	20	02	0	0		1.8	38	8	45		16	0
KHARṬOÛM	140	4	18	13	2	4	Cb, Ac, ci	2.2	39	14	43		23	0
KASSALA	00	0	20	13	0	1	Cb	3.8	33	17	41		38	10
WÂD MEDANI	180	11	20	13	2	5	Cb, cs	4.0	37	15	42		27	0
RENK											36			
ROSEIRES														
EL OBEID											39			
EL FASHER	00	0	20	02	0	0	—	3.1	35	13	39		27	0
GENEINA											37			
MALAKÂL	210	8	20	02	9	6	Ac, cs	9.2	29	21	35		62	0.3
WÂU											34			
JUBA	180	8	20	60	9	6	Cb,	12.5	22	21	31		94	13

Ship reports in code (1800):

33322	29818	00109	98020	14370	00900	24400	00065	10132
33351	23818	09902	96050	15270	00900	74406	00068	199X0
33232	37418	03225	97020	10327	00900	76309	05421	13243
33323	29118	00109	97020	14270	00900	25402	00063	10222
33333	27618	03606	98020	14222	0X9XX	36423	00218	13632

At 0600 on WEDNESDAY 5th JUNE, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	150	6	18	02	0	0	—	12.3	-0.7	24	18	18	-1	69	0	260	
SÎDI BARRÂNI	00	0	18	00	0	0	—	12.2		22	17	14		74	0	257	
MATRÛH (A)	300	5	16	02	0	0	—	12.3	-1.2	22	18	16		78	0	270	
EL DAB'AA	360	13	10	00	0	0	—	12.0		22	15	15		65	0	208	
ALEXANDRIA	360	22	10	03	4	1	cu	12.0	-1.4	22	17	19	-1	74	0	284	182
ALEXANDRIA (A)	340	10	12	02	0	0	—	11.5	-1.0	24	18	19	0	69	0	256	138
DAMIETTA	290	2	10	00	0	0	—	11.2	-1.0	22	19	17	-2	83	0	243	106
PORT SA'ÎD (A)	270	4	14	02	0	0	—	10.8	-1.7	24	18	20	-2	69	0		
EL 'ARISH																	
DAMANHÛR	330	2	10	03	0	1	ci	11.9	-1.0	22	17	16	-1	74	0	140	101
MANṢÛRA	270	3		00	0	0	—	11.5	-1.0	22	17	17	-1	74	0	79	55
ṬANṬA	00	0	20	01	1	1	ci	12.2	-0.7	20	17	14	-3	83	0	92	44
SHEBÎN EL KÔM	20	2	10	01	4	2	cu	12.2	-0.5	21	17	17		83	0	68	
ZAGAZIG	220	1	3	10	1	0	—			19	17	15	-2	88	0	53	27
ABUSUEIR	80	2	12	03	0	1	Sc	11.4		23	17	16		74	0		
CAIRO (A)	320	5	14	01	2	3	Sc	12.0		21	16	18		74	0	55	
CAIRO ALMÂZA (A)	200	3	10	01	0	3	Sc, cu	11.9	-0.4	21	16	18	-2	65	0	60	
CAIRO EZBEKÎYA										22	16	19	0	64	0	43	26
GIZA		2	8	01	—	2	cu	13.0	+0.6	21	15	18	+1	69	0	58	26
ḤELWÂN	00	0	4	02	0	0	—	12.0	0.3	20	15	17	-3	73	0	36	29
FAYOÛM	360	6	20	02	0	0	—	12.2	0.0	22	14	18	-1	61	0	16	8
MINYA (A)	20	11	10	02	0	0	—	10.9	-1.3	22	15	16	-2	65	0	10	
AṢYOÛṬ (A)	320	6	16	02	0	0	—	10.6	-0.6	23	10	19	-2	44	0	dr	
NAG' HAMÂDI	00	0		01	0	2	AC	10.3	+0.6	23	12	21	+1	50	0	1	
QENA	270	0	10	00	5	0	—	9.3	-0.3	28		19	-4		0	dr	
LUXOR (A)	00	0	22	02	0	0	—	8.8	-0.6	28	13	19		42	0	0	
ASWÂN	360	7	15	02	0	0	—	8.4	-1.2	26	6	22	-3	21	0	8	
SÎWA	00	0	16	02	0	0	—	13.5	-0.3	23	11	17	1	41	0	27	8
BAḤARÎYA	360	6	4	01	1	1	AC	12.4	-0.5	19	17	16	2	88	0	2	7
FARAFRA	360	2	18	02	0	0	—	13.5		22	11	17		50	0	dr	
DAKHLA	00	0	18	02	0	0		12.8	+1.4	25	12	21	1	45	0	1	
KHARGA	20	2	8	02	0	0	—	9.3	-0.9	26	12	25	2	42	0	6	
SUEZ	360	2	20	00	0	0	—	13.0	+1.4	22	17	16		74	0	45	11
TÔR																	
HURGHÂDA	330	20	22	02	0	0	—	8.3	-1.2	27	10	22	1	35	0	0.4	
QUSEIR	350	12	20	02	0	0	—	8.8	-0.4	28	20	23	2	62	0	dr	
PORT SÛDÂN	330	13	20	02	0	0	—	7.8		32	25	23		66	0		
WÂDI HALFA	360	10	26	02	0	0	—	9.5		27	9	20		33	0		
ABU ḤAMAD	260	5	20	02	0	0	—	6.7		32	7	27		21	0		
KAREIMA	90	2	21	01	0	0	—	8.9		30	4	26		19	0		
'AṬBARA	230	3	20	02	0	2	Ac, ci	5.7		35	1	27		12	0		
KHARṬOÛM	280	5	20	02	2	3	Ac, ci	7.0		35	14	31		29	0		
KASSALA	210	9	20	01	2	4	Ac, ci	9.9		31	17	27		43	0		
WÂD MEDANI	230	15	20	01	2	5	Ac, As	9.8		31	18	28		46	0		
RENK	330	9	20	02	1	7	Sc	12.8		27	21	24		70	0		
ROSEIRES																	
EL OBEID	230	13	20	01	1	1	AC	8.5		29	19	27		55	0		
EL FASHER	10	2	6	05	0	0	—	9.2		29	10	23		31	0		
GENEINA	50	2	20	05	0	0	—	11.3		24	10	21		41	0		
MALAKÂL	180	1	20	01	2	5	Sc, Ac, ci	11.9		26	22	23		79	0.3		
WÂU	180	8	20	02	1	3	ci	11.1		25	20	24		74	dr		
JUBA	200	5	24	03	1	3	AC	13.2		24	23	21		94	13		

SHIP REPORTS in code.

43270	34506	03217	99020	09625	00900	36305	00418	13232
43320	30716	13009	97020	11022	15400	63309	00017	130X2
43274	34206	03116	98020	08926	00900	35107	00219	13133
43319	31806	12807	97020	13322	10602	26208	05120	10132
43259	32506	03028	97020	10326	00900	76312	05221	130X3
43280	33506	03218	98020	11224	00900	35600	00118	13274

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6		5-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	7	350	12	350	16	330	15	310	19	350	21	300	6	360	10	10	8	20	28	80	12
600 m.	40	5	360	12	350	18	340	15	310	13	360	23	340	7	350	8	60	11	30	30	90	8
1000 m.	40	10	360	14	350	18	340	15	320	17	350	22	360	9	360	9	30	11	20	19	30	7
1500 m.	340	10	20	17	340	17	10	11	300	7	10	13	10	10	320	11	10	14	340	10	40	17
2100 m.	20	11					120	3	10	10			40	18	20	19	350	12	10	10	40	22
2400 m.	350	10					360	10	10	16			40	27	20	17	360	17	360	12	30	26
3000 m.	10	14					360	16	10	14			30	29	20	23	360	22	350	15	30	26
4000 m.	20	15							350	20			30	27	20	18						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	5-6		5-6		5-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	7	40	12	360	16	290	10	40	5	30	17	110	16	20	9	60	4	340	15	150	4
600 m.	40	10	20	21	350	30	290	10	50	10	40	18	90	13	80	7	80	11	10	16	150	4
1000 m.	10	6	20	23	360	23	300	9	60	14	30	17	90	10	80	9	60	12	30	10	90	4
1500 m.	330	14	10	12	40	12	330	17	40	19			50	23	90	1	70	6	100	4	60	14
2100 m.	350	11	20	4	170	12			20	23			50	27					270	2	60	18
2400 m.	30	17			150	10			40	25			50	27					90	2	60	19
3000 m.													60	21					80	7	60	17
4000 m.																			180	2	350	10
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Salloum		S. Bayani		Cairo (A)		Asyout		Aswan		Baharia		Dakhla		Kharga	
DATE	6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	7			350	18	30	3	10	7	220	11	300	4	170	8	30	10	340	14	300	4
600 m.	300	10	30	20	60	10	30	3	340	5	220	16	350	5	280	13	40	10	330	12	310	5
1000 m.	300	10	40	19	150	11	100	7	330	6	230	5	240	3	280	27	30	15	340	25	320	6
1500 m.	320	14	40	30	100	4					260	18	120	4	280	4	30	3	330	25		
2100 m.											250	17	20	5	250	7						
2400 m.													30	3	240	8						
3000 m.													360	2	230	9						
4000 m.													320	5								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE [illegible] 195[illegible]

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Gradual rise in temperature from coast to Middle Egypt. Mild weather. Moderate NE ly winds. Mainly clear except for some low clouds early morning. Chance for fog in some places of Delta & Cairo. Extreme Upper Egypt: Clear sky. Hot weather. Light NE ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 53 U.T. — Sunset 16 54 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 5th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point	Relative Humidity %
62300	SALLOÛM	10	4	18	02	0	0	—	11.8	29	12	35
303	SÎDI BARRÂNI	20	8	18	02	0	0	—	12.2	25	16	58
306	MATRÛH (A)	350	9	16	02	0	0	—	12.6	26	14	48
309	EL DAB'AA	270	15	20	00	0	0	—	11.0	25	15	54
319	ALEXANDRIA	310	12	20	01	0	0	—	12.0	23	20	84
318	ALEXANDRIA (A)	310	10	16	02	0	0	—	11.1	28	17	52
330	DAMIETTA	290	5	20	02	0	0	—	11.1	28	15	45
333	PORT SA'ÎD (A)											
336	EL 'ARISH											
339	DAMANHÛR	270	2	20	02	0	0	—	11.4	31	15	38
342	MANSÛRA	20	5		02	0	0	—	10.3	32	11	28
348	TANTA	00	0	20	02	0	0	—	11.2	32	13	32
360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	10.4	30	15	40
354	ZAGAZIG	180	1	20	02	0	0	—				
438	ABU SUEIR	00	0	20	02	0	0	—	10.3	31	4	18
366	CAIRO (A)	330	6	20	02	0	0	—	9.9	30	5	21
372	CAIRO ALMÂZA (A)	30	10	20	02	0	0	—	10.0	31	5	19
374	CAIRO EZBEKÎYA											
375	GIZA	20	9	10	01		0	—	9.4	31	12	31
378	HELWÂN	00	0	10	02	0	0	—	9.6	30	1	16
381	FAYOÛM	360	6	20	02	0	0	—	9.8	32	8	22
387	MINYA (A)	360	11	10	02	0	0	—	9.1	32	9	24
393	ASYOÛT (A)	300	8	22	02	0	0	—	8.5	33	8	21
399	NAG' HAMÂDI	00	0	10	01	0	3	Ac	7.5	36	10	20
402	QENA	270	2	20	00		0	—				
405	LUXOR (A)	330	6	22	02	0	0	—	5.9	38	16	27
414	ASWÂN	350	9	16	02	0	0	—	5.6	38	—	
417	SÎWA	340	4	16	02	0	0	—	11.6	34	1	12
420	BAHARÎYA	320	3	20	02	0	0	—	10.7	32	19	46
423	FARAFRA	70	2	20	03	0	1	Ci	10.5	33	2	14
432	DAKHLA	10	5	22	02	0	1	Ci	10.4	34	-4	9
435	KHARGA	320	2	15	02	0	0	—	6.7	36	10	20
450	SUEZ	360	2	50	02	0	0	—	11.1	30	8	25
459	TÔR											
462	HURGHÂDA											
465	QUSEIR	350	10	20	02	0	0	—	7.7	29	14	40
641	PORT SÛDÂN	40	15	20	03	0	1	Cu	5.8	33	17	38
600	WÂDI HALFA	20	5	20	02	0	0	—	5.8	37	2	11
640	ABU HAMAD	00	0	24	02	0	0	—	2.7	41	-7	5
660	KAREIMA	50	2	21	02	0	0	—	3.6	40	16	34
680	ATBARA	220	6	20	03	0	1	Cu, Ac	1.4	43	9	13
721	KHARTOÛM	250	13	20	03	1	4	Cu, Ac, Ci	2.3	41	17	25
730	KASSALA	260	4	20	03	1	5	Cu	3.2	38	19	39
751	WÂD MEDANI	230	20	15	07	2	7	Cb, Ac	7.3	35	19	39
801	RENK	230	9	20	02	1	6	Sc	9.1	35	21	44
802	ROSEIRES	230	5	20	02	6	4	Cu	5.8	34	19	41
771	EL OBEID	250	12	20	71	2	6	Cb	3.8	36	17	33
760	EL FASHER											
770	GENEINA	250	4	20	05	0	0	—	5.6	36	13	25
840	MALAKÂL	230	8	20	03	1	5	Cb, Ac, Ci	8.5	35	20	42
880	WÂU	240	4	20	01	1	2	Cu, Ci	7.2	34	19	41
941	JUBA	200	4	24	03	1	4	Cu, Cs	8.7	31	21	55

Ship reports in code (1200):

43272	34312	03610	98020	09229	00900	76618	06419	13333
43315	28812	03011	99000	12623	00900	66400	05019	13453
43323	29412	33213	97020	11874	X79XX	65207	00266	13252
43256	35412	03416	99020	0784X	00900	36810	00970	1342[illegible]
43335	23412	02602	98020	13224	00900	25703	00217	13621
43324	29312	03014	98050	12072	00900	65210	00067	13021

At 1800 on 5th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs mms.
62300	SALLOÛM	00	0	10	02	0	0	—	11.6	24	17	30	+1	65	0
303	SÎDI BARRÂNI	110	7	16	02	0	0	—	11.7	23	17	26		69	0
306	MATRÛH (A)	00	0	14	02	0	0	—	12.0	21	16	27		74	0
309	EL DAB'AA	320	4	20	00	0	0	—	11.1	21	18	26		83	0
319	ALEXANDRIA	360	12	20	02	0	0	—	11.6	22	19	26	-2	83	0
318	ALEXANDRIA (A)	340	2	12	02	0	0	—	11.2	22	19	28	0	83	0
330	DAMIETTA	340	5	4	02	0	0	—	11.0	23	19	29	+1	79	0
333	PORT SA'ÎD (A)	350	13	15	02	0	0	—	10.6	23	10	32	+3	44	0
336	EL 'ARISH														
339	DAMANHÛR	20	0	10	02	0	0	—	11.8	22	19	32	0	83	0
342	MANSÛRA	360	5		02	0	0	—	10.7	25	17	33	0	61	0
348	TANTA	330	10	20	02	0	0	—	11.6	25	14	34	0	51	0
360	SHEBÎN EL KÔM	340	5	10	00	0	0	—	10.0	26	16			55	0
354	ZAGAZIG	360	1	10	02	0	0	—		26	14	32	-2	48	0
438	ABU SUEIR	360	12	2	02	0	0	—	10.7	26	13	32		45	0
366	CAIRO (A)	360	10	14	02	0	0	—	10.0	28	5	32		23	0
372	CAIRO ALMÂZA (A)	20	[illegible]	14	02	0	0	—	9.7	28	5	32	-2	23	0
374	CAIRO EZBEKÎYA											34	-1		
375	GIZA	20	6	10	02	0	0	—	10.2	27	11	32	-2	37	0
378	HELWÂN	00	0	10	02	0	0	—	9.8	29	9	32	-2	29	0
381	FAYOÛM	360	6	20	02	0	0	—	9.5	28	12	35	0	37	0
387	MINYA (A)	350	5	8	02	0	0	—	8.8	24	10	33	-3	41	0
393	ASYOÛT (A)	290	5	10	02	0	0	—	8.4	26	6	34	-2	28	0
399	NAG' HAMÂDI	00	0	[illegible]	[illegible]	0	2	Ac	7.5	28	13	37	0	40	0
402	QENA	290	6		00		0	—	6.4	29		37	-3		0
405	LUXOR (A)	270	2	12	[illegible]	0	0	—	5.9	32	15	39		36	0
414	ASWÂN	00	0	10	02	0	0	—	4.7	34	-2	38	-3	10	0
417	SÎWA	270	4	14	02	0	0	—	10.0	30	3	35	-2	18	0
420	BAHARÎYA	20	2	20	02	0	0	—	9.2	30	12	35	-1	33	0
423	FARAFRA	360	3	12	03	0	[illegible]	Ci	10.3	28	1	35		18	0
432	DAKHLA	340	9	15	01	0	1	Ci	10.0	31	0	35	-4	13	0
435	KHARGA	00	0	8	02	0	0	—	6.6	30	8	37	-2	25	0
450	SUEZ	360	2	10	02	0	0	—	11.1	28	10	32	-2	33	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	320	4	20	02	0	0	—	7.3	26	12	30	-2	42	0
641	PORT SÛDÂN	340	3	20	02	0	0	—	6.8	29	22	35		66	0
600	WÂDI HALFA	340	6	20	02	0	0	—	[illegible]	28	1	38		13	0
640	ABU HAMAD	00	0	24	02	0	0	—	4.0	32	-1	43		10	0
660	KAREIMA	00	0	21	02	0	0	—	5.2	35	3	41		13	0
680	ATBARA	220	18	1.5	33	8			4.5	34	18	44		39	0
721	KHARTOÛM	220	19	16	14	9	8	Cb, Ac, As	7.4	28	19	42		58	dr
730	KASSALA	170	1	20	02	3	7	Ac	9.3	31	20	45		52	0
751	WÂD MEDANI	40	2	20	13	9	8	St, As	8.7	26	19	37		66	1
801	RENK											35			
802	ROSEIRES														
771	EL OBEID	180	12	20	17	9	7	Cb, Ac	7.7	25	21	36		78	2
760	EL FASHER											39			0
770	GENEINA											37			0
840	MALAKÂL											35			0
880	WÂU											35			0
941	JUBA	00	0	24	13	9	6	Cb, Ac, Ci	9.8	22	22	37		97	68

Ship reports in code (1800):

43321	26718	02602	98020	12324	00900	25702	00218	13531
4332X	26418	03402	98020	11371	00900	66400	00068	1332[illegible]
43249	33618	03404	98000	07626	00900	35606	00022	134XX
43327	27918	13206	98050	11770	00970	65201	00063	13320
43329	34818	42706	98031	10623	44500	56303	05120	13721
43326	27618	03209	97020	12176	00900	65408	00468	132X2

At 0600 on THURSDAY 6th JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff from normal mb.	Dry Bulb °C	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Rainfall Total From Oct 1st	Rainfall Normal From Oct 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	0	0	—	8.3	-4.6	27	15	21	+2	48	0	260	
	303	SÎDI BARRÂNI	170	12	18	00	0	0	—	10.4		26	8	16		32	0	257	
	306	MATRÛH (A)	120	10	16	02	0	0	—	11.9	-1.6	25	11	13		42	0	270	
	309	EL DAB'AA	140	3	10	00	0	0	—	12.0		22	19	9		83	0	208	
	319	ALEXANDRIA	40	2	10	02	0	0	—	12.4	-1.0	23	20	20	0	84	0	284	186
	318	ALEXANDRIA (A)	90	1	12	02	4	0	—	11.9	-0.6	26	18	17	-2	62	0	256	138
	330	DAMIETTA	340	2	10	00	0	0	—	11.6	-0.5	23	19	17	-2	79	0	243	106
	333	PORT SA'ÎD (A)	50	3	12	01	0	0	—	11.8	-0.7	24	20	20	-2	79	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	90	2	4	00	4	0	—	12.2	-0.6	20	18	15	-3	88	0	140	121
	342	MANSÛRA	90	3		00	0	0	—	12.2	-0.2	24	17	19	+1	65	0	79	55
	348	TANTA	00	0	1	47	4	8	As	12.7	-0.2	18	17	15	-2	94	0	92	44
	360	SHEBÎN EL KÔM	20	2	10	01	0	4	Sc	12.0	-0.7	20	17	18		83	0	68	
	354	ZAGAZIG	90	1	10	00	0	0	—			21	18	16	-1	83	0	53	27
	438	ABU SUEIR	50	5	12	02	0	0	—	12.0		24	18	18		69	0		
CAIRO AREA	366	CAIRO (A)	30	5	16	02	0	0	—	10.9		24	19	17		74	0	55	
	372	CAIRO ALMÂZA (A)	10	8	15	02	0	1	Ci	11.0	-1.3	23	15	18	-2	61	0	60	
	374	CAIRO EZBEKÎYA										23	16	18	-1	65	0	43	26
	375	GIZA	360	6	5	01		0	—	12.2	-0.2	22	18	17	0	78	0	58	26
	378	HELWÂN	300	0	10	02	0	1	Ci	10.7	-1.5	25	13	19	0	48	0	36	29
UPPER EGYPT	381	FAYOÛM	360	4	20	03	0	1	Cu, Sc	11.1	-1.0	25	14	18	-1	51	0	16	8
	387	MINYA (A)	360	8	8	02	0	1	Ci	10.0	-2.2	23	10	16	-2	44	0	10	
	393	ASYOÛT (A)	00	0	12	02	0	1	Ci	10.1	-1.1	24	10	19	-2	41	0	dr.	
	399	NAG' HAMÂDI	00	0		01	0	3	Ac	9.6	0.0	25	15	18	-2	54	0	1	
	402	QENA	00	0	10	00	1	3	Ci	9.5	0.0	26		19	-4		0	dr.	
	405	LUXOR (A)	00	0	16	03	0	4	Ac	8.6	-0.7	30	13	21		35	0	0	
	414	ASWÂN	360	4	12	03	0	0	—	8.3	-1.2	28	3	20	-5	20	0	8	
OASES	417	SÎWA	100	5	15	02	0	0	—	11.6	-2.2	24	8	18	0	36	0	27	8
	420	BAHARÎYA	40	1	20	01	0	0	—	11.4	-1.5	24	12	17	-2	47	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	12.2		28	8	18		29	0	dr.	
	432	DAKHLA	00	0	20	03	0	4	Ac	12.0	+0.6	27	7	20	-2	28	0	1	
	435	KHARGA	00	0	10	03	0	3	Ci	8.4	-1.7	27	11	17	-6	37	0	6	
RED SEA	450	SUEZ	310	2	20	00	0	0	—	12.8	+1.2	23	15	17	-3	61	0	45	17
	459	TÔR																	13
	462	HURGHÂDA																0.4	
	465	QUSEIR	350	11	20	02	1	5	Cs	9.0	-0.1	29	14	23	-2	40	0	dr.	4
	641	PORT SÛDÂN	00	0	15	06	0	0	—	7.3		33	11	24		26	0		
NORTH SUDAN	600	WÂDI HALFA	10	5	20	01	0	0	—	9.1		28	4	21		22	0		
	640	ABU HAMAD	00	0	24	02	0	0	—	6.8		32	-5	27		9	0		
	660	KAREIMA	340	1	20	02	0	0	—	7.9		31	1	23		15	0		
	680	'ATBARA	200	7	10	06	2	0	—	8.3		31	17	28		43	0		
	721	KHARTOÛM	130	10	20	01	2	6	Ac, Cs	9.3		29	20	26		59	dr		
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI	130	8	20	02	2	7	Ac, As	11.2		26	21	23		74	1		
	801	RENK	230	6	20	02	0	3	Ac	11.7		31	21	24		55	0		
	802	ROSEIRES																	
	771	EL OBEID	250	2	20	01	2	6		9.6		26	19	23		66	2		
	760	EL FASHER	200	10	20	02	2	7	Ac, Cs	11.3		27	17	24		55	0		
	770	GENEINA	220	10	50	03	1	7	Ac, Cs	11.7		27	19	24		62	0		
S SÛDÂN	840	MALAKÂL	210	5	20	03	1	7	Cs	12.2		29	22	24		66	0		
	880	WÂU	00	0	20	02	0	1	Ci	10.9		27	21	24		70	0		
	941	JUBA	180	2	21	03	1	4	Ac	12.5		25	21	23		79	dr		

SHIP REPORTS IN CODE (0600):

53323	29706	00000	98020	11722	00900	25701	00019	
53271	34306	33618	98020	09722	15541	352XX	05520	13533
53343	23006	70000	97401	12222	1956X	66120	00018	100X0
53248	36006	13009	97020	08027	00940	34214	00022	13032
53239	36506	03312	99020	10930	00900	45220	00025	13322
53275	34106	33413	99030	09325	24352	75217	00118	13423

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Cairo(A)		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6		6-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	16	40	14	10	9	20	24	20	24	350	24	40	6	80	17	40	15	360	29	100	17
600 m.	50	17	40	22	30	7	20	10	30	21	350	24	30	7	40	10	30	13	360	16	110	10
1000 m.	60	16	40	11	10	5	340	4	40	17	340	20	30	7	40	10	50	12	10	16	110	6
1500 m.	250	7	30	16	250	1	70	15			20	7	10	10	40	22	30	9	20	26	360	6
2100 m.	240	10	30	4			80	14			110	6	60	10	10	15	30	6	10	28	320	12
2400 m.			30	8			80	11			70	6	40	9	20	18	40	10			330	16
3000 m.			110	4			70	17			90	7	30	8	60	15					340	14
4000 m.													340	10								
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo(A)		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	6-6		6-6		6-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	7	30	24	340	19	140	9	70	10	360	13	140	13	300	9	360	14	350	6	290	13
600 m.	60	12	40	25	350	26	90	3	60	10	360	13	180	10	320	6	350	12	330	10	270	13
1000 m.	40	18	20	21	360	22	40	10	60	11	20	10	220	4	320	6	360	10	320	14	280	12
1500 m.	50	23			280	4	30	17	40	12	360	12	330	10	10	7	30	10			280	6
2100 m.	20	32			220	10			50	13			340	15			50	5			290	9
2400 m.					200	14			50	10			320	18			120	2			300	12
3000 m.					210	16			30	3			320	14							300	11
4000 m.													320	13								
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo(A)		Aswan		S. Bahrani		Matruh		Cairo(A)		Luxor		Baharija		Dakhla		Kharga		Abu Sueir	
DATE	7-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6		7-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	6	30	11	350	14	330	18	320	12	10	9	260	6	10	16	350	15	310	17	20	12
600 m.	90	14	20	21	360	12	340	19	300	13	10	7	260	9	10	16	350	24	320	15	20	17
1000 m.	20	15	20	23	10	10	350	22	300	14	20	11	250	9	340	16	310	13	320	10	30	13
1500 m.	40	56	70	15	350	5					310	8	220	9	340	12	330	36	340	15	350	15
2100 m.					280	8					290	6	240	7	360	21			320	23	190	7
2400 m.					200	7					260	4	230	6	360	22			320	20	70	10
3000 m.					230	17					250	10	260	8	360	30			300	23	280	14
4000 m.					190	35					240	7	290	6							280	14
5000 m.													330	4								
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 71

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE ..... 195..

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within [illegible]
10 Mist
11 Patches of shallow fog [illegible]
12 Continuous on land [illegible]
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 „ reaching ground but distant [illegible] kms.
16 „ „ „ near the station
17 Thunder heard, no precipitation
18 Squalls within [illegible] hour
19 Funnel cloud (s)
20 Drizzle (not freezing)
21 Rain („ „) not falling as shower (s)
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
25 Shower (s) of rain
26 „ of snow, or of rain and snow
27 „ „ hail, „ „ „ hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm decreased
31 no change
32 increased
33 Severe duststorm or sandstorm decreased
34 no change
35 increased
36 Slight or moderate drifting snow low
37 Heavy „ „
38 Slight or moderate „ „
39 Heavy „ „ high
40 Fog at a distance, not during last hour
41 „ in patches
42 „ ,sky discernible has become thinner during
43 „ , „ not „ preceding hour
44 „ , „ discernible no change during preceding hour
45 „ , „ not „
46 „ , „ discernible has begun or become thicker
47 „ , „ not „ during last hour
48 „ ,depositing rime, sky discernible
49 „ , „ „ „ not „

(Nos. 20–29: during preceding hour not at time of observation)

50 Drizzle not freezing intermittent slight
51 „ „ „ continuous
52 „ „ „ intermittent moderate
53 „ „ „ continuous
54 „ „ „ intermittent thick
55 „ „ „ continuous
56 „ freezing, slight
57 „ „ moderate or thick
58 „ and rain slight
59 „ „ „ moderate or heavy
60 Rain not freezing intermittent slight
61 „ „ „ continuous
62 „ „ „ intermittent moderate
63 „ „ „ continuous
64 „ „ „ intermittent heavy
65 „ „ „ continuous
66 Rain freezing, slight
67 „ „ moderate or heavy
68 „ or drizzle and snow, slight
69 „ „ „ „ moderate or heavy
70 Intermittent fall of snow flakes slight
71 Continuous „ „ „
72 Intermittent „ „ „ moderate
73 Continuous „ „ „
74 Intermittent „ „ „ heavy
75 Continuous „ „ „
76 Ice needles with or without fog
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s), slight
81 „ „ moderate or heavy
82 „ „ violent
83 Shower (s) of rain and snow, slight
84 „ „ „ moderate or heavy
85 Snow shower (s), slight
86 „ „ moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed slight
88 moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder slight
90 moderate
91 Slight rain Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
95 Thunderstorm slight or moderate without hail Thunderstorm at time of observation
96 „ „ „ with „
97 „ heavy without hail
98 „ with duststorm or sandstorm
99 „ heavy with hail

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Ce Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: [illegible]

Hot weather [illegible] Egypt and Cairo. Mainly clear except for some low clouds in the early morning. [illegible] winds.

In Upper Egypt [illegible] hot weather. Mainly clear. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 53 U.T. Sunset 16 54 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 6th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	340	14	18	02	0	2	ci	11.1	28	18	55
	303	SÎDI BARRÂNI	50	12	18	02	0	3	ci	11.2	26	18	62
	306	MATRÛH (A)	10	15	16	02	0	0	—	11.4	29	14	40
	309	EL DAB'AA	40	8	20	00	0	0	—	12.5	28	15	45
	319	ALEXANDRIA	40	12	20	02	0	0	—	11.8	25	20	74
	318	ALEXANDRIA (A)	360	11	16	02	0	0	—	11.2	28	19	58
	330	DAMIETTA	20	5	20	02	0	0	—	11.6	28	14	42
	333	PORT SA'ID (A)	10	11	20	02	0	0	—	11.0	27	14	45
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	2	20	02	0	0	—	11.0	32	14	34
	342	MANṢÛRA	360	3		02	0	0	—	10.6	33	14	32
	348	ṬANTA	130	7	20	02	0	0	—	11.5	33	11	26
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—		33	11	26
	354	ZAGAZIG											
	438	ABU SUEIR	70	10	20	02	0	0	—	10.0	34	0	12
Cairo Area	366	CAIRO (A)	40	5	20	02	0	0	—	9.0	35	0	11
	372	CAIRO ALMÂZA (A)	10	10	25	02	0	1	cs	9.2	35	-2	9
	374	CAIRO EZBEKÎYA											
	375	GIZA	60	7	10	02	0	0	—	9.9	34	9	22
	378	ḤELWÂN	00	0	20	02	0	1	ci	8.4	36	-7	6
Upper Egypt	381	FAYOÛM	360	16	20	02	0	0	—	8.3	36	6	15
	387	MINYA (A)	340	10	10	02	0	1	cs	7.6	36	4	13
	393	ASYOÛT (A)	290	3	16	02	0	1	Ac	7.7	35	2	12
	399	NAG' HAMÂDI											
	402	QENA	00	0	20	00	0	0	—	7.6	37		
	405	LUXOR (A)	180	8	22	02	0	1	ci	5.9	40	19	30
	414	ASWÂN	320	6	15	02	0	1	ci	5.1	40	-6	5
Oases	417	SÎWA	250	2	16	02	0	0	—	10.3	37	1	11
	420	BAHARÎYA	40	5	20	02	0	0	—	9.6	35	9	20
	423	FARAFRA	20	1	20	02	1	0	—	9.9	34	4	15
	432	DAKHLA	290	9	22	02	0	2	ci	9.8	36	-3	8
	435	KHARGA	320	2	15	01	1	3	ci	5.9	38	5	13
Red Sea	450	SUEZ	360	3	50	02	0	0	—	10.0	34	-2	10
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	360	12	20	01	1	3	ci	9.6	31	12	31
	641	PORT SÛDÂN	40	13	15	06	0	0	—	5.7	33	23	56
North Sudan	600	WÂDI HALFA	300	3	20	03	0	1	Ac	6.0	38	5	13
	640	ABU HAMAD	230	5	22	02	0	0	—	4.0	41	-1	7
	660	KAREIMA	340	5	21	02	0	0	—	4.5	41	-3	6
	680	'AṬBARA	250	5	10	00	6	0	—	3.4	41	7	13
	721	KHARTOÛM	230	12	20	03	2	7	Cu,Ac	4.9	39	17	28
	730	KASSALA	270	2	20	03	1	5	Cu	4.8	37	15	27
Central Sudan	751	WÂD MEDANI	230	4	20	03	2	7	Cu,Ac	6.9	34	18	39
	801	RENK											
	802	ROSEIRES	230	2	20	02	6	3	Ac	8.7	27	21	70
	771	EL OBEID	240	9	20	03	1	6	Cb,Ac		33	15	34
	760	EL FASHER	270	5	20	02	2	7	Ac,As	4.2	36	13	25
	770	GENEINA											
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 6th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs mms
62300	SALLOÛM	00	0	10	02	0	0	—	11.0	23	21	34	+5	89	0
303	SÎDI BARRÂNI	120	6	16	02	0	0	—	10.8	23	17	29		69	0
306	MATRÛH (A)	70	1	14	02	0	0	—	11.9	22	18	33		78	0
309	EL DAB'AA	40	3	20	00	0	0	—	12.0	21	18	29		83	0
319	ALEXANDRIA	40	15	20	02	0	0	—	11.5	23	18	28	0	74	0
318	ALEXANDRIA (A)	40	10	12	02	0	0	—	11.2	23	17	30	+2	69	0
330	DAMIETTA	360	5		02	0	0	—	12.8	25	17	28	0	61	0
333	PORT SA'ID (A)	20	14	18	02	0	0	—	10.6	24	20	28	+1	79	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	11.6	23	16	34	+2	65	0
342	MANṢÛRA	360	7		02	0	0	—	11.0	24	16	34	+1	61	0
348	ṬANTA	360	10	20	02	0	0	—	11.5	26	13	35	+1	45	0
360	SHEBÎN EL KÔM	40	5	10	00	0	0	—	10.0	27	16	35		52	0
354	ZAGAZIG	360	1	10	02	0	0	—		27	16	34	0	52	0
438	ABU SUEIR	40	10	10	03	0	1	Ci	10.7	26	7	34		30	0
366	CAIRO (A)	30	12	16	02	0	0	—	9.4	28	6	36		25	0
372	CAIRO ALMÂZA (A)	40	14	15	02	0	0	—	9.2	29	4	36	+2	20	0
374	CAIRO EZBEKÎYA											36	+1		
375	GIZA	20	10	10	02	0	0	—	9.6	28	9	35	+1	31	0
378	ḤELWÂN	20	16	10	02	0	0	—	8.4	29	6	36	+2	23	0
381	FAYOÛM	360	4	20	02	0	0	—	8.2	29	4	37	+1	20	0
387	MINYA (A)	360	7	8	02	0	0	—	7.2		10	37	+1		0
393	ASYOÛT (A)	290	5	12	02	0	0	—	6.9	31	4	37	0	18	0
399	NAG' HAMÂDI	00	0		01	0	1	Ac	7.0	37	13	40	+3	24	0
402	QENA	00	0		00	0	0	—	6.8	30		39	-1		0
405	LUXOR (A)	340	1	12	02	0	0	—	5.3	32	15	41		36	0
414	ASWÂN	00	0	12	02	0	1	Ac	5.6	36	-4	42	+1	8	0
417	SÎWA	00	0	15	01	0	0	—	8.7	33	4	38	+1	16	0
420	BAHARÎYA	20	3	20	02	0	0	—	8.3	32	2	37	+1	15	0
423	FARAFRA	00	0	15	02	0	0	—	9.2	31	1	37		15	0
432	DAKHLA	340	4	14	03	0	1	ci	9.5	32	-3	37	-2	10	0
435	KHARGA	00	0	9	02	1	0	—	5.9	31	0	39	0	13	0
450	SUEZ	360	2	10	02	0	0	—	10.7	28	4	36	+2	22	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	00	0	20	01	0	0	—	7.8	27	13	31	-1	42	0
641	PORT SÛDÂN	340	3	20	02	0	0	—	7.3	29	23	35		70	0
600	WÂDI HALFA	360	6	20	01	0	0	—	5.7	32	0	41		13	0
640	ABU HAMAD	320	1	20	02	0	0	—	4.5	36	3	43		13	0
660	KAREIMA	00	0	21	02	0	0	—	4.5	35	12	42		25	0
680	'AṬBARA											42			
721	KHARTOÛM	00	0	20	01	1	1	ci	4.9	34	17	40		36	0
730	KASSALA	00	0	20	13	1	3	ci	6.8	30	16	39		43	dr
751	WÂD MEDANI											36			
801	RENK											35			
802	ROSEIRES											30			
771	EL OBEID														
760	EL FASHER	230	8	20	02	2	8	Cu,cs	6.9	21	17	38			0
770	GENEINA											38			
840	MALAKÂL											36			
880	WÂU											35			
941	JUBA											33			

At 0600 on FRIDAY, 7th JUNE 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Bar Pressure Diff from normal mb	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs. mms	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	360	14	18	02	0	0	—	11.8	-1.1	24	20	21	+2	79	0	260	
303	SÎDI BARRÂNI	310	11	18	00	0	0	—	11.5		23	18	17		74	0	257	
306	MATRÛH (A)	290	8	16	02	0	0	—	11.7	-1.7	25	20	15		74	0	270	
309	EL DAB'AA	250	3	10	00	0	0	—				19	15		97	0	208	
319	ALEXANDRIA	00	0	10	01	4	0	—	11.1	-2.3	25	17	19	-1	61	0	284	186
318	ALEXANDRIA (A)	00	0	12	02	0	0	—	10.5	-2.0	25	18	17	-2	65	0	256	138
330	DAMIETTA	90	2	10	00	0	0	—	10.7	-1.3	24	17	17	-2	65	0	243	106
333	PORT SA'ID (A)	30	5	14	01	0	0	—	10.0	-2.4	25	16	21	-1	58	0		
336	EL 'ARISH																	
339	DAMANHÛR	40	2	10	02	0	0	—	10.8	-1.9	24	18	17	-1	69	0	140	101
342	MANṢÛRA	40	3		00	0	0	—	10.3	-2.1	26	16	18	0	55	0	79	55
348	ṬANTA	00	4	20	02	0	0	—	11.0	-1.8	21	17	15	-2	78	0	92	44
360	SHEBÎN EL KÔM	20	2	10	00	0	0	—	10.6	-2.0	23	16	18		65	0	68	
354	ZAGAZIG	100	1	10	02	0	0	—			25	20	17	0	74	0	53	
438	ABU SUEIR	40	10	10	02	0	0	—	10.2		24	16	18		61	0		
366	CAIRO (A)	40	7	16	01	0	0	—	9.1		26	12	19		48	0	55	
372	CAIRO ALMÂZA (A)	360	10	15	02	0	0	—	9.1	-3.2	25	11	19	-1	42	0	60	
374	CAIRO EZBEKÎYA										25	16	18	-1	58	0	43	26
375	GIZA	10	7	7	02		0	—	10.2	-2.1	25	15	18	+1	54	0	58	26
378	ḤELWÂN	40	3	10	02	0	1	ci	8.6	-3.6	27	6	20	+1	27	0	36	29
381	FAYOÛM	360	6	20	02	0	0	—	8.6	-3.5	27	12	18	-1	40	0	16	8
387	MINYA (A)	360	0	8	02	0	0	—	8.7	-3.5	23	12	15	-3	50	0	10	
393	ASYOÛT (A)	280	6	12	02	2	0	—	8.8	-2.3	24	5	20	-1	30	0	dr	
399	NAG' HAMÂDI	90	10				2	Ac	8.8	-0.8	27	11	18	-2	37	0	1	
402	QENA	290	2	10	00	0	0	—	8.0	-1.4	29		20	-3		0	dr	
405	LUXOR (A)	00	0	22	02	0	0		7.1	-2.2	30	14	20		38	0	0	
414	ASWÂN	00	0	15	01	0	0		7.1	-2.3	30	-3	22	-3	11	0	8	
417	SÎWA	00	0	14	02	0	0	—	11.0	-2.8	24	8	18	0	36	0	27	8
420	BAHARÎYA	00	0	10	02	0	0	—	10.3	-2.5	28	11	18	-1	35	0	2	
423	FARAFRA	00	0	15	03	0	2	ci	11.2		27	11	20		37	0	dr	
432	DAKHLA	280	3	14	03	1	5	Ac,ci	11.1	-0.3	27	-1	18	-4	16	0	1	
435	KHARGA	00	0	10	03	0	1	ci	7.6	-2.4	27	6	17	-6	27	0	6	
450	SUEZ	360	2	20	00	0	0	—	11.2	-0.3	25	12	16	-4	45	0	45	17
459	TÔR																	
462	HURGHÂDA	320	15	22	01	0	0	—	7.2	-2.1	28	14	19	-4	42	0	0.4	
465	QUSEIR	330	8	20	02	0	1	cs	7.9	-1.1	29	9	21	-4	29	0	dr	4
641	PORT SÛDÂN	90	1	18	05	0	0	—	6.7		31	21	23		55	0		
600	WÂDI HALFA	360	1	20	03	0	0	—	8.6		28	3	20		20	0		
640	ABU HAMAD	00	0	22	02	0	0	—	7.3		31	4	24		18	0		
660	KAREIMA	00	0	21	02	0	0	—	7.6		30	4	25		19	0		
680	'AṬBARA	240	7	30	02	0	0	—	7.9		33	15	28		34	0		
721	KHARTOÛM	230	11	18	06	0	0	—	8.1		32	17	28		41	0		
730	KASSALA	190	5	20	02	2	6	cs	8.8		30	16	25		43	dr.		
751	WÂD MEDANI	220	9	20	01	2	2	Ac,ci	10.0		29	17	23		49	0		
801	RENK	230	5	20	02	1	6	Sc			27	23	23		79	0		
802	ROSEIRES	230	2	20	02	2	3	Ac	11.3		26	22	20		79	23		
771	EL OBEID																	
760	EL FASHER	00	0	30	02	2	7	Ac,Cs	9.0		28	18	25		55	0		
770	GENEINA	260	4	30	01	2	6	Ac	12.5		25	17	23		61	dr		
840	MALAKÂL	360	1	20	01	2	3	Ac	11.8		28	21	24		66	0		
880	WÂU	00	0	20	02	2	7	cs	11.6		26	22	24		79	0		
941	JUBA	180	7	24	02	0	0	—	12.7		25	22	22		84	0		

SHIP REPORTS IN CODE

6323 4 36 718 63110 98 000 06228 00900 36 000 0024 x 15 1X2
5334 2 22 212 80209 99 142 13374 6552X 65 306 004 61 10 221
5883 1 16 018 20502 98 012 1347 4 264xx 40 366 105 XX

63272 34306 03169 98020 08224 00900 36210 05 219 131 21
63276 32606 03569 97020 08376 00900 05065 13527
63272 34306 03169 98020 08224 00900 36210 05 219 131 21
63205 38606 23405 97020 05632 00941 34111 00829 13420
63176 40306 03105 99020 06831 00900 35215 00127 131XX

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	7-6		7-6		7-6		7-6		7-6		7-6		7-		7-6		7-6		7-6		7-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	20	300	16	10	18	330	9	320	14	360	28	310	23	320	20	240	4	20	25	30	10
600 m.	340	17	320	14	10	25	330	15	330	16	360	30	320	22	300	11	300	10	340	30	360	15
1000 m.	330	17	330	14	360	14	330	15	290	8	360	31	320	29	330	11	320	7	330	24	360	11
1500 m.	310	20	40	6	350	13	330	17	340	5	350	31	320	15	280	17	340	17	360	22	280	10
2100 m.	260	20			300	14	310	16	330	10			280	11	270	15	320	19	10	10	290	18
2400 m.					340	17	280	16					300	14	280	15	330	19			290	23
3000 m.					320	19	310	20							260	17	340	14			290	19
4000 m.							310	26														
5000 m.																						
6000 m.																						

STATION	Luxor		Hurghada		Cairo(A)		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	7-6		7-6		7-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	10	320	26	40	5	330	13	310	5	360	12	340	8	320	13	330	7	340	28	290	20
600 m.	340	26	330	36	340	10	340	17	290	9	10	20	30	22	340	23	300	11	340	20	300	17
1000 m.	340	28	290	29	330	19	340	23	260	7	360	20	350	19	340	21	290	10	320	9	310	13
1500 m.	360	21	270	3	330	21	290	16	240	4	20	19	300	30	340	23	290	10	300	17	330	10
2100 m.	350	24	320	12	340	23			190	4			320	23	290	20					10	11
2400 m.	10	17	330	13	330	23			170	6			290	23	270	14					340	10
3000 m.	320	4			320	17									290	18					290	10
4000 m.					220	3									260	18						
5000 m.															240	24						
6000 m.																						

STATION	Salloum		Matruh		Hurghada		Salloum		S. Barrani		Aswan		Bahariya		Farafra		Dakhla		Kharga		Abu Sueir	
DATE	8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	10	330	14	320	18	320	9	330	23	320	7	10	6	340	5	330	34	350	14	280	10
600 m.	330	13	350	15	320	29	310	15	330	28	340	6	10	12	340	13	330	21	350	25	290	12
1000 m.	360	18	360	15	310	20	290	19	330	29	330	6	350	19	340	13	350	12	350	30	300	12
1500 m.	350	8	350	13			310	20			300	9	330	14	330	11	320	42			290	20
2100 m.			280	12			310	13			230	11	270	13	340	16					260	21
2400 m.			300	16							300	9	280	17	310	22					240	18
3000 m.											280	13									240	16
4000 m.											270	27										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A																					
DATE	8-6																					
TIME	1200																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	31																		
1000 mb.	96	31		300	9															
950 mb.																				
900 mb.																				
850 mb.	1515	20		260	14															
800 mb.																				
700 mb.	3155	9																		
600 mb.																				
500 mb.	5857	-9																		
400 mb.	7437	-23																		
300 mb.	9500	-35																		
200 mb.	12190	-51																		

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE [illegible] 195[illegible]

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing, intermittent	slight
61	" " " continuous	slight
62	" " intermittent	moderate
63	" " " continuous	moderate
64	" " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " , moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s) slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s) slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Slight drop in temperature. Mild weather in Lower Egypt and Sinai with cloudy only warnings, clearing gradually during daytime. Moderate [illegible] winds.

In Upper Egypt: Hot weather continues. Mainly clear. Moderate [illegible] winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / Sunset 16 55 U.T.

All Times are Universal Times (U.T) [Two hours slower than local time]

At 1200 on 7th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	350	10	18	02	0	0	—	11.4	27	21	70
	303	SÎDI BARRÂNI	330	17	18	02	0	0	—	11.9	24	20	79
	306	MATRÛH (A)	330	16	16	02	0	0	—	11.3	26	16	55
	309	EL DAB'AA	360	12	20	00	0	0	—	11.1	26	16	55
	319	ALEXANDRIA	360	12	20	02	0	0	—	11.0	25	19	70
	318	ALEXANDRIA (A)	340	15	12	02	0	0	—	10.6	26	20	70
	330	DAMIETTA	340	5	20	02	0	0	—	10.8	28	22	70
	333	PORT SAÎD (A)	340	13	22	02	0	0	—	9.5	26	18	62
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	2	20	02	0	0	—	10.6	30	15	40
	342	MANSÛRA	360	8		02	0	0	—	9.4	34	10	23
	348	TANTA	310	10	20	02	0	0	—	10.4	34	8	20
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	9.2	34	10	23
	354	ZAGAZIG	140	1	20	02	0	0	—		34	17	36
	438	Abu SUEIR	360	11	20	02	0	0	—	7.8	34	-2	10
Cairo Area	366	CAIRO (A)	10	8	16	02	0	0	—	7.8	34	2	13
	372	CAIRO ALMÂZA (A)	340	13	20	02	0	0	—	8.1	34	3	14
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	10	10	02	0	0	—	8.0	34	6	18
	378	HELWÂN	360	10	10	02	0	0	—	7.5	35	3	13
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	7.6	36	6	15
	387	MINYA (A)	360	12	10	02	0	0	—	7.4	36	-2	9
	393	ASYOÛT (A)	360	6	18	02	0	0	—	6.8	36	-4	8
	399	NAG' HAMÂDI											
	402	QENA	290	2	20	00	0	0	—	6.4	37		
	405	LUXOR (A)	280	7	22	02	0	1	ci	4.5	40	-6	5
	414	ASWÂN	180	2	15	02	0	1	Ac	3.8	41	-14	3
Oases	417	SÎWA	340	12	16	02	0	0	—	9.7	38	2	11
	420	BAHARÎYA	40	6	20	02	0	0	—	8.3	37	5	13
	423	FARAFRA	360	4	20	02	0	0	—	8.5	38	-2	8
	432	DAKHLA	290	12	20	02	1	0	—	9.0	38	-6	6
	435	KHARGA	320	10	15	01	1	2	ci	6.4	38	-9	5
Red Sea	450	SUEZ	360	2	50	02	0	0	—	8.4	35	8	19
	459	TÔR											
	462	HURGHADA	20	17	22	02	0	2	ci	5.5	31	11	29
	465	QUSEIR	10	8	20	02	1	5	cs	7.6	29	18	52
	641	PORT SÛDÂN	50	14	20	02	0	0	—	4.5	33	22	53
North Sudan	[illegible]	WÂDI HALFA	350	12	20	01	0	0	—	5.8	39	3	11
	640	ABU HAMAD	320	5	22	01	1	1	ci	3.6	42	3	9
	660	KAREIMA	310	2	21	02	0	0	—	3.7	42	-1	7
	680	'ATBARA	280	7	10	02	0	0	—	2.6	43	5	10
	721	KHARTOÛM	220	9	15	06	0	1	cu	3.3	41	13	19
	730	KASSALA	00	0	20	03	1	3	cu	3.1	39	15	24
Central Sudan	751	WÂD MEDANI	250	9	20	03	0	7	cb, cu	4.3	39	16	26
	801	RENK	230	5	20	02	1	4	Sc	7.4	37	19	35
	802	ROSEIRES	310	3	20	02	1	2	cu	4.3	35	17	35
	771	EL OBEID	230	4	20	02	2	5	cu, ci	4.4	36	17	33
	760	EL FASHER	260	1	30	02	2	7	cu, Ac, cs	3.3	39	16	26
	770	GENEINA	250	7	50	01	1	3	cu, AC	8.4	34	16	34
S. Sudân	840	MALAKÂL	280	8	20	02	1	2	cu	7.1	35	20	42
	880	WÂU	320	4	20	17	2	6	cb	6.9	34	19	41
	941	JUBA	230	1	24	03	0	4	cu, ci	7.2	32	22	56

At 1800 on 7th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain past 12 hrs mms
62300	SALLOÛM	340	14	12	02	0	0	—	11.8	23	21	28	-1	89	0
303	SÎDI BARRÂNI	310	16	16	02	0	5	Sc	11.7	21	19	25		88	0
306	MATRÛH (A)	300	15	15	01	0	2	Sc	11.4	22	18	28		78	0
309	EL DAB'AA	320	16	20	00	0	0	—	11.0	22	19	27		83	0
319	ALEXANDRIA	310	5	20	02	0	0	—	10.4	22	17	27	-1	74	0
318	ALEXANDRIA (A)	330	5	12	02	0	0	—	9.5	22	17	27	-1	74	0
330	DAMIETTA	340	2		02	0	0	—	9.8	24	15	29	+1	57	0
333	PORT SAÎD (A)	340	11	16	02	0	0	—	8.9	24	16	29	+1	61	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	9.7	24	18	31	-1	69	0
342	MANSÛRA	20	3		00	0	0	—	9.3	25	11	34	0	42	0
348	TANTA	310	5	20	02	0	0	—	9.0	26	14	35	+1	48	0
360	SHEBÎN EL KÔM	40	5	10	00	0	0	—	8.7	26	16	35		55	0
354	ZAGAZIG	00	0	10	02	0	0			26	16	35	+1	55	0
438	Abu SUEIR	360	12	8	02	0	0	—	9.6	25	10	34		39	0
366	CAIRO (A)	360	6	10	02	0	0	—	9.2	27	9	35		33	0
372	CAIRO ALMÂZA (A)	20	9	15	02	0	0	—	8.8	28	9	35	0	31	0
374	CAIRO EZBEKÎYA											37	+2		
375	GIZA	10	6	10	02	0	0		8.0	28	12	35	+1	37	0
378	HELWÂN	360	11	10	02	0	0		8.2	29	4	35	+1	20	0
381	FAYOÛM	360	6	20	02	0	0	—	7.9	30	9	37	+1	27	0
387	MINYA (A)	360	6	8	02	0	0	—	7.2	26	10	37	+1	37	0
393	ASYOÛT (A)	290	4	12	02	0	0	—	6.7	29	1	38	+1	17	0
399	NAG' HAMÂDI	00	0		01	0	2	AC	7.1	28	15	40	+3	45	0
402	QENA	270	2		00	0	0	—	5.8	31		39	-1		0
405	LUXOR (A)	00	0	12	02	0	0	—	4.2	30	5	41		21	0
414	ASWÂN	360	4	12	02	0	0	—	4.8	35	-2	43	+2	9	0
417	SÎWA	360	10	14	02	0	0	—	9.1	32	7	39	+2	21	0
420	BAHARÎYA	20	2	10	02	0	0	—	8.3	31	10	38	+2	28	0
423	FARAFRA	360	2	12	02	0	0	—	10.2	32	1	39		14	0
432	DAKHLA	290	5	12	02	0	0	—	9.0	32	-4	39	0	10	0
435	KHARGA	00	0	8	02	0	0	—	6.5	33	-9	39	0	6	0
450	SUEZ	360	2	10	02	0	0	—	9.9	27	11	36	+2	37	0
459	TÔR														
462	HURGHADA	300	5	10	01	0	0	—	5.2	25	15	33	+3	54	0
465	QUSEIR	00	0	20	03	0	0	—	5.5	27	17	31	-1	55	0
641	PORT SÛDÂN	00	0	20	02	0	0	—	5.3	30	16	36		43	0
[illegible]	WÂDI HALFA	360		20	02	0	0	—	5.9	33	6	41		19	0
640	ABU HAMAD	310	5	20	02	0	0	—	3.6	36	3	43		13	0
660	KAREIMA	270	3									43			
680	'ATBARA	270	3	20	02	0	0	—	2.3	37	5	44		13	0
721	KHARTOÛM	200	7	20	02	1	4	AC, ci	3.7	38	15	42		25	0
730	KASSALA	220	5	20	13	1	3	cb, AC	4.7	34	15	43		32	0
751	WÂD MEDANI	130	11	20	13	2	7	cb, AC	5.2	31	18	41		46	0
801	RENK											38			
802	ROSEIRES											36			
771	EL OBEID	340	3	20	13	1	3	cb, Ac, ci	5.8	31	17	37		43	0
760	EL FASHER	140	20	4.5	60	1	8	cb, AS	5.4	32	17	39		41	0.3
770	GENEINA	270	4	30	13	9	7	cb, AS	12.1	24	18	35		69	dr
840	MALAKÂL	240	7	20	13	0	4	cb, AC	8.1	30	21	36		59	0
880	WÂU											35			
941	JUBA	00	0	24	13	2	6	cb, cs	9.9	25	22	33		84	0

At 0600 on SATURDAY 8th JUNE, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	320	12	18	03	0	0	—	12.7	-0.2	23	20	19	0	84	0	260	
303	SÎDI BARRÂNI	320	17	14	00	0	7	Sc	12.9		23	18	20		74	0	257	
306	MATRÛH (A)	290	16	16	02	1	5	st, ci	12.1	-1.3	23	18	17		74	0	270	
309	EL DAB'AA	270	8	10	00	0	0	—	11.3		23	18	18		74	0	208	
319	ALEXANDRIA	350	12	20	03	0	5	cu	11.6	-1.7	23	18	20	0	74	0	284	186
318	ALEXANDRIA (A)	330	13	12	03	0	4	sc	11.0	-1.4	24	18	21	+2	69	0	256	138
330	DAMIETTA	270	2	10	00	0	0	—	10.2	-1.8	23	19	16	-4	79	0	243	106
333	PORT SAÎD (A)	310	4	12	00	0	0	—	9.9	-2.5	25	19	20	-2	70	0		
336	EL 'ARISH																	
339	DAMANHÛR	330	2	10	02	0	1	cu	10.7	-2.0	23	18	17	-1	74	0	140	101
342	MANSÛRA	40	3		00	0	0	—	10.6	-1.7	24	19	17	-1	74	0	79	55
348	TANTA	270	5	20	02	0	0	—	12.4	-0.3	21	19	16	-1	88	0	92	44
360	SHEBÎN EL KÔM	40	2	10	01	1	0	—	10.4	-2.1	24	19	18		74	0	68	
354	ZAGAZIG	270	1	10	00	0	0	—			23	18	17	0	74	0	53	27
438	Abu SUEIR	270	5	8	02	0	0	—	10.8		24	17	18		65	0		
366	CAIRO (A)	310	2	10	02	2	6	Sc	10.8		21	19	18		88	0	55	
372	CAIRO ALMÂZA (A)	300	5	10	01	2	7	Sc, cu	10.8	-1.5	22	17	18	-2	74	0	60	
374	CAIRO EZBEKÎYA										23	16	19	0	65	0	43	26
375	GIZA	330	4	8	02	—	7	Sc	11.5	-0.7	22	18	17	0	78	0	58	26
378	HELWÂN	340	3	4	05	0	0	—	11.2	-1.0	23	15	18	-2	61	0	36	29
381	FAYOÛM	360	6	20	02	0	0	—	11.5	-0.5	25	16	19	0	58	0	16	8
387	MINYA (A)	360	11	8	02	0	0	—	11.9	-0.2	23	13	16	-2	53	0	10	
393	ASYOÛT (A)	290	9	16	02	0	0	—	11.3	+0.2	26	10	21	0	27	0	dr	
399	NAG' HAMÂDI	00	0		00	0	0	—	8.8	-0.7	24	14	19	-1	54	0	1	
402	QENA	270	2	10	00	0	0	—	8.4	-0.9	28		22	-1	61	0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	7.5	-1.7	30	18	21		49	0	0	
414	ASWÂN	00	0	15	02	0	0	—	7.4	-2.0	32	-1	21	-4	12	0	8	
417	SÎWA	340	4	14	02	1	6	cs	14.1	+0.3	22	15	19	+1	65	0	27	8
420	BAHARÎYA	360	3	10	03	0	1	ci	12.1	-0.7	24	16			61	0	2	7
423	FARAFRA	[illegible]	5	15	03	0	2	ci	12.6		26	4	20		25	0	dr	
432	DAKHLA	[illegible]	8	20	02	0	0	—	11.1	-0.2	29	-3	21	-1	12	0	1	
435	KHARGA	00	0	12	02	0	0	—	9.8	-0.2	30	9	23	0	27	0	6	
450	SUEZ	360	2	20	00	0	0	—	12.0	+0.6	24	14	19	-2	54	0	45	17
459	TÔR																	13
462	HURGHADA	330	14	12	02	0	0	—	7.2	-2.1	28	10	23	0	33	0	0.4	
465	QUSEIR	340	9	20	02	0	0	—	6.8	-2.2	31	12	23	-2	31	0	dr	4
641	PORT SÛDÂN	150	7	20	02	0	0	—	5.5		35	10	23		22	0		
[illegible]	WÂDI HALFA	10	2	20	02	0	0	—	8.1		28	2			19	0		
640	ABU HAMAD	00	0	22	02	0	0	—	7.3		32	2	26		15	0		
660	KAREIMA	110	1	21	02	0	0		7.6		31	7	25		22	0		
680	'ATBARA	10	4	20	02	0	0	—	6.2		33	1	26		13	0		
721	KHARTOÛM	180	6	20	02	0	2	Ac, ci	7.4		32	16	26		38	0		
730	KASSALA	200	3	20	01	2	2	Ac, ci	7.1		34	14	27		30	0		
751	WÂD MEDANI	280	9	20	02	2	6	AC	9.2		30	18	27		49	0		
801	RENK	130	2	10	02	0	0	—	11.7		29	2	25		18	0		
802	ROSEIRES	130	5	20	02	2	8	AC	12.3		25	19			70			
771	EL OBEID	320	10	20			5											
760	EL FASHER	230	1	20	02	2	7	AC, AS	10.8		27	20	25		66	0.3		
770	GENEINA	180	1	50	01	2	3	cb, AC	12.9		24	19	22		74	dr		
840	MALAKÂL	230	9	20	01	2	4	Ac, ci	11.0		29	23	25		70	0		
880	WÂU	150	3	20	03	1	4	ci	10.8		26	21	25		74	0.4		
941	JUBA	180	5	25	03	1	6					22				0		

SHIP REPORTS in code

At 1200:
63268 345 12 333 05 98020 05627 00905
63270 345 12 133 03 98050 06826 00004

At 1800:
63243 362 18 10001 97070 10126 00900 36702
63259 327 18 32702 97020 05327 00909 34400
63258 351 18 32404 28090 05226 11640 36302

At 0600:
73273 34206 03115 98020 07029 00900 35210 05317 13121
73317 31806 33005 97020 13323 31300 75303 00020 13022
73236 36606 00000 98020 07027 00900 34219 05123 101XX
73338 24006 63116 97030 14021 65500 06702 00018 13122
73250 36506 03305 99020 07683 00000 34309 00376 133X0

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo(A)		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6		8-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	12	360	13	320	15	310	23	320	26	350	28	320	11	310	17	310	11	10	26	20	10
600 m.	300	10	350	14	340	26	310	23	320	20	350	27	330	15	310	18	330	24	350	26	360	11
1000 m.	300	22	340	17	340	31	300	28	300	17	350	23	340	12	320	18	320	25	340	23	10	4
1500 m.	320	27	330	10	340	27	310	31	310	10	340	16	340	21	300	22	310	17	310	21	310	13
2100 m.			300	16					300	9	260	10	340	19	300	22	270	18	320	10	300	12
2400 m.											280	12	350	17	300	21	290	23			300	12
3000 m.													320	14			280	16				
4000 m.													290	21								
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Asyout		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	8-6		8-6		8-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	00	0	340	10	340	21	300	20	250	10	10	17	10	8	290	15	270	7	340	14	310	13
600 m	320	9	360	23	340	29	300	17	310	9	350	18	30	13	300	20	280	10	340	4	300	26
1000 m	330	14	360	17	320	35	310	16	320	10	340	18	350	4	300	24	280	13	330	7	330	22
1500 m	320	13			320	25			290	9	330	24	320	16	300	35	310	15			360	33
2100 m	320	21							300	13			320	20							340	19
2400 m									320	13			320	20							340	13
3000 m													340	18							350	23
4000 m													300	18								
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Asyout		Aswan		Bahariya		S. Baryani		Aswan		Frafra		Dakhla		Kharga		Hurghada	
DATE	9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	17	300	22	350	12	330	15	350	7	330	17	330	9	320	8	340	71	10	10	330	28
600 m.	340	14	320	17	360	23	340	16	340	10	340	23	340	25	320	6	340	23	350	8	330	29
1000 m	350	13	330	14	360	22	340	19	330	14	350	27	300	13	300	19	340	29	350	14	320	23
1500 m.	340	19	20	5	340	23	350	35	320	15			300	24	280	14	340	48	310	15		
2100 m.	340	27			340	27			320	19					300	9						
2400 m.	330	25							320	24					300	10						
3000 m.															290	10						
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	9-6																			
TIME	1200																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	31																		
1000 mb.	96	30		310	11															
950 mb.																				
900 mb.																				
850 mb.	1508	14		320	10															
800 mb.																				
700 mb.	3120	8		290	17															
600 mb.																				
500 mb.	5787	-13		280	18															
400 mb.	7446	-26		280	24															
300 mb.	9464	-40		280	37															
200 mb.	12120	-45		280	48															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Sunday 9th June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:
Mild weather by day, rather cold by night. Moderate N/NW'ly winds. Some low clouds over Lower Egypt and Cairo. In Upper Egypt: Clear sky and hot weather.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / Sunset 16 55 U.T.

All times are Universal Time (U.T.) [Two hours slower than local time]

At 1200 on 8th

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
Mediterranean	62300	SALLOUM	10	10	18	02	0	0	—	13.1	26	22	11
	303	SIDI BARRANI	310	19	18	02	0	2	Ac, As	13.1	24	16	61
	306	MATRUH (A)	300	20	16	02	2	5	Cu	12.6	25	19	70
	309	EL DAB'AA	340	20	20	02	0	0	—	12.4	24	18	57
	319	ALEXANDRIA	310	14	20	02	2	0	—	12.2	24	19	14
	318	ALEXANDRIA (A)	310	12	12	02	2	0	Ci	11.5	27	17	62
	330	DAMIETTA	290	5	20	04	1	3	—	10.8	24	19	66
	335	PORT SAID (A)	330	14	22	03	1	1	Ci	9.7	25	21	79
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	330	2		03	1	0	Ns	11.9	27	16	52
	342	MANSURA	20	3		03	1	4	—	10.0	30	14	38
	348	TANTA	310	8	20	02	1	7	Cu	10.6	31	15	38
	360	SHEBIN EL KOM	340	5	20	01	1	4	As	9.8	32	14	34
	354	ZAGAZIG	270	1	20	03	1	7	Cu		34	18	42
	418	Abu Sueir	290	15	15	03	1	7	Cu	9.4	33	11	26
Cairo Area	366	CAIRO (A)	290	1	15	04	2	6	Cs	9.5	31	16	28
	372	CAIRO ALMAZA (A)	270	10	15	03	2	7	Cs	9.4	31	14	31
	374	CAIRO EZBEKIYA											
	375	GIZA	320	8	10	01	1	6	Ci	9.4	31	14	36
	378	HELWAN	320	8		02	2	7	Ci	9.9	31	12	31
Upper Egypt	381	FAYOUM	360	6	20	03	1	5	Ac	7.6	35	12	25
	387	MINYA (A)	350	11	10	02	2	5	Ci	7.4	34	9	22
	393	ASYOUT (A)	340	12	18	03	0	2	Ci	8.6	37	6	14
	399	NAG HAMADI	00	0	10	01	0	2	Ac	6.6	39	10	17
	402	QENA	00	0	20	00	0	0	—	6.4	39		
	405	LUXOR (A)	360	8	22	02	0	0	—	5.3	41	-3	6
	414	ASWAN	360	14	15	02	0	0	—	4.8	41	-7	5
Oases	417	SIWA	350	11	15	02	1	6	Cs	12.6	32	7	21
	420	BAHARIYA	360	4	18	02	2	6	Ac, As	10.4	33	13	30
	425	FARAFRA	340	2	20	03	1	6	Cs	11.5	36	6	15
	432	DAKHLA	340	11	24	02	0	0	—	10.0	31	5	13
	435	KHARGA	350	10	20	02	0	0	—	6.3	39	3	11
Red Sea	450	SUEZ	360	3	50	03	0	5	Cu	9.8	32	11	28
	459	TOR											
	462	HURGHADA	350	21	12	03	0	1	Ci	5.5	33	3	15
	465	QUSEIR	350	6	20	02	0	0	—	6.9	30	17	46
	641	PORT SUDAN	50	13	12	05	0	0	—	3.3	33	22	53
North Sudan	600	WADI HALFA	350	19	16	07	0	0	—	5.8	40	9	15
	640	ABU HAMAD	00	0	24	02	0	0	—	3.4	41	3	10
	660	KAREIMA	50	4	21	02	0	0	—	4.4	41	4	10
	680	ATBARA	220	2	20	02	0	0	—	2.7	43	-6	5
	721	KHARTOUM	20	5	20	03	1	0	—	2.7	42	9	14
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	250	3	20	17	1	6	Cb, Ac	4.1	37	17	31
	780	EL FASHER	90	3	30	03	2	7	Cu, Ac	4.2	39	17	28
	770	GENEINA											
S. Sudan	840	MALAKAL											
	880	WAU	270	5	20	03	2	6	[illegible]	5.9	35	21	44
	941	JUBA	90	2	24	02	2	5	Cb, Cs	9.0	31	22	59

Ship reports (1200):
73231 1 27 218 03306 99 020 06784 00000 34 400
72262 35012 03313 98 020 08127 00900 35 213
72333 25812 22716 97 020 13578 21400 26 702

At 1800 on 8th

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Maximum Temp.	Max. Diff. from normal	Relative Humidity	Rain past 12 hrs
Mediterranean	62300	SALLOUM	260	10	10	02	0	0	—	12.1	23	22	27	0	94	0
	303	SIDI BARRANI	320	16	16	02	2	3	Sc	12.6	21	16	25		74	0
	306	MATRUH (A)	290	14	14	03	2	6	Sc	12.5	22	18	26		78	0
	309	EL DAB'AA	270	10	20	00	0	0	—	12.1	21	18	27		83	0
	319	ALEXANDRIA	310	10	10	03	1	7	Cu, Sc	12.0	22	19	26	2	83	0
	318	ALEXANDRIA (A)	310	10	12	01	2	0	Ci, Ac	11.4	22	19	27	-1	83	0
	330	DAMIETTA	290	5		03	1	2	Cu, Ac	11.0	24	19	26	-2	74	0
	335	PORT SAID (A)	310	15	18	01	1	2	Cu	10.6	24	19	26	0	74	0
	336	EL 'ARISH														
Lower Egypt	339	DAMANHUR	270	2		01	2	3	Ac	11.9	22	19	28	-4	83	0
	342	MANSURA	340	3	10	00	0	3		11.2	24	22	31	-3	55	0
	348	TANTA	270	1	20	01	1	1	Cu	11.8	24	14	31	-3	61	0
	360	SHEBIN EL KOM	340	5	10	01	1	2	St	10.7	25	15	32		54	0
	354	ZAGAZIG	00	0	10	01	2	0	—		26	16	32	-2	55	0
	418	Abu Sueir	310	15	10	02	2	5	Cs	11.0	29	14	33		40	0
Cairo Area	366	CAIRO (A)	340	7	12	02	1	3	Ci	11.0	26	13	33		45	0
	372	CAIRO ALMAZA (A)	340	8	15	01	1	3	Ci	10.7	26	12	33	-2	42	0
	374	CAIRO EZBEKIYA											34	-1		
	375	GIZA	310	8	10	01	1	3	Ci	11.0	25	14	32	-2	51	0
	378	HELWAN	360	4	10	02	1	4	Ci	10.7	26	12	32	-2	42	0
Upper Egypt	381	FAYOUM	360	6	20	01	1	3	Ac	10.3	28	13	33	-1	40	0
	387	MINYA (A)	360	7	8	01	0	1	Ci	9.2	25	11	35	-1	42	0
	393	ASYOUT (A)	320	7	12	01	0	1	Ci	9.1	30	9	38	+1	27	0
	399	NAG HAMADI	00	0		01	0	3	Ac	7.5	30	11	37	+2	31	0
	402	QENA	270	6		00	0	0	—	7.1	33		41	+1		0
	405	LUXOR (A)	300	13	12	02	0	0	—	5.9	34	2	42		13	0
	414	ASWAN	360	7	12	02	0	0	—	5.6	35	-1	42	+1	10	0
Oases	417	SIWA	360	8	14	02	1	1	Ci	11.3	30	4	34	-3	19	0
	420	BAHARIYA	350	8	12	02	2	5	Ac	10.7	28	14	34	-2	42	0
	425	FARAFRA	360	2	12	01	2	3	Ac, Ci	11.6	27	7	36		28	
	432	DAKHLA	340	10	14	03	0	3	Cs	10.7	32	5	38	-1	18	0
	435	KHARGA	360	2	15	02	0	0	—	7.2	33	2	39	0	14	0
Red Sea	450	SUEZ	360	2	10	01	0	3	Cu	11.2	27	16	34	0	52	0
	459	TOR														
	462	HURGHADA	310	17	10	01	0	1	Ci	4.9	30	11	34	+4	31	0
	465	QUSEIR	00	0	20	02	0	0	—	6.3	30	11	32	-1	31	0
	641	PORT SUDAN	340	4	20	02	0	0	—	5.5	30	21	36		54	0
North Sudan	600	WADI HALFA	340	11	10	06	0	0	—	6.7	36	6	42		15	0
	640	ABU HAMAD	320	5	24	02	0	0	—	4.8	34	2	43		13	0
	660	KAREIMA	10	1	21	02	0	0	—	5.8	33	-1	42		11	0
	680	ATBARA	340	5	20	02	0	0		3.3	37	2	44		11	0
	721	KHARTOUM	220	15	18	06	1	6	Ac, Cs	4.8	35	17	43		33	0
	730	KASSALA	00	0	20	13	1	7	Cb, Ac	4.5	33	15	41		34	0
Central Sudan	751	WAD MEDANI	230	4	20	02	2	7	Ac, Cs	7.2	29	17	40		49	2
	801	RENK											36			
	802	ROSEIRES											34			
	771	EL OBEID	200	7	20	03	2	8	Ac, Cs	7.5	37	18	38		33	0
	780	EL FASHER											39			
	770	GENEINA	130	4	30	03	1	7	Ac	4.0	36	14	39		27	0
S. Sudan	840	MALAKAL	10	3	20	02	9	7	Ac	11.5	23	20	34		84	60
	880	WAU														
	941	JUBA	00	0	24	13	2	7	Cb, Ac	11.2	24	23	32		94	dr

Ship reports (1800):
73219 3 32 418 63415 971 00 09181 6uuu 46uuu 00869 134 22

At 0600 on SUNDAY 9th JUNE, 1957

Area	Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Temp. Dry Bulb	Temp. Dew Point	Minimum Temp.	Min. Diff. from normal	Relative Humidity	Rainfall Past 24 hrs	Rainfall Total from Oct. 1st	Normal from Oct. 1st
Mediterranean	62300	SALLOUM	260	12	18	02	0	0	—	12.3	-0.6	24	18	20	+1	67	0	260	
	303	SIDI BARRANI	310	17	18	03	0	0		12.2		22	17	20		74	0	257	
	306	MATRUH (A)	300	19	16	02	0	5	Sc	11.6	-1.7	22	18	18		78	0	270	
	309	EL DAB'AA	270	14	10	00	0	0	—	11.0		23	18	14		74	0	208	
	319	ALEXANDRIA	310	12	20	01	1	4	Cu	11.2	-2.0	21	18	20	0	83	0	384	186
	318	ALEXANDRIA (A)	320	10	12	03	0	7	Sc	10.7	-1.7	24	11	21	+2	44	0	256	138
	330	DAMIETTA	140	2	10	00	0	1	Ac	11.6	-0.3	22	19	18	-2	83	0	243	106
	335	PORT SAID (A)	360	6	15	02	0	4	Sc	10.1		24	19	21	-1	74	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHUR	330	2		03	0	3	Cu	11.1	-0.5	22	18	18	0	74	0	140	101
	342	MANSURA	340	3		00	0	0	—	10.6	-1.0	26	18	18	0		0	19	55
	348	TANTA	00	0	20	03	2	6	Cu	10.8	-1.8	22	17	17	0		0	72	~~44~~
	360	SHEBIN EL KOM	20	2	10	01	1	2	Cu	10.7	-1.7	24	12	14		61	0	68	
	354	ZAGAZIG	220	1	10	03	1	4	Cu			23	12	12	+1	74	0	53	27
	418	Abu Sueir																	
Cairo Area	366	CAIRO (A)	250	1	8	01	2	3	Sc	11.4	-2.2	23	17	20		69	0	35	
	372	CAIRO ALMAZA (A)	300	5	15	01	2	3	Ci, Sc	11.9	-0.4	23	17	20	0	69	0	60	
	374	CAIRO EZBEKIYA										23	16	20	+1	65	0	43	26
	375	GIZA	290	3	8	02	—	4	Cu	11.4	-0.8	23	18	19	+2	74	0	58	26
	378	HELWAN	320	2	4	02	0	0	—	11.4	-0.7	21	17	19	-1	78	0	36	29
Upper Egypt	381	FAYOUM	360	4	20		0	0	—	11.6	-0.4	25	17	19	0	61	0	16	8
	387	MINYA (A)	20	7	10	2	0	0	—	11.1	-1.0	25	15	16	-3	54	0	10	
	393	ASYOUT (A)	280	4	10	02	0	0	—	11.3	+0.3	26	10	21	0	37	0	tr	
	399	NAG HAMADI	00	0		01	0	2	Ac	10.3	+0.9	26	14	20	0	48	0	1	
	402	QENA	270	4		00	0	2	Ci	9.0	-0.2	29		21	-2		0	tr	
	405	LUXOR (A)	330	7		02	0	0	—	9.0	-0.2	20	6	22	0			6	
	414	ASWAN	360	5	14	01	2	2	Ci	8.8	-0.5	32	4	23	-2			8	
Oases	417	SIWA	200	0	15	02	0	0	—	14.3	+0.6	23	14	18	-1	57		21	8
	420	BAHARIYA		1	15	02	0	0	—	12.0	+0.8	26	16	18	-1		0	2	7
	425	FARAFRA		0	15	02	0	0	—	13.3		28	9	17		31		tr	
	432	DAKHLA		0	40	02	0	0	—	13.0	+1.7	27	10	22	0	39		1	
	435	KHARGA	300	10	6	07	0	0	—	9.4	-0.5	28	10	24	+1	33	0	6	
Red Sea	450	SUEZ	360	2	20	00	0	0	—	11.4	0.0	24	19	17	-4	74	0	45	17
	459	TOR																	13
	462	HURGHADA																0.4	
	465	QUSEIR	350	14	20	03	0	3	Ac	7.6	-1.3	27	14	24	-1	45	0	31	4
	641	PORT SUDAN	00	0	20	02	0	0	—	5.9		33	14	24		32	0		
North Sudan	600	WADI HALFA	360	4	20	02	0	0	—	9.1		28		22			0		
	640	ABU HAMAD	360	13	22	02	0	0	—	7.1		32	0	25		13	0		
	660	KAREIMA	130	2	21	03	0	1	Ci	8.				20			0		
	680	ATBARA	320	1	20	01	1	1	Ci	6.9		31	-2	27		11	0		
	721	KHARTOUM	210	7	20	01	2	3	Ac, Ci	7.7		32	17	28		41	0		
	730	KASSALA	210	8	20	01	2	1	Ac	9.1		31	18	27		46	0		
Central Sudan	751	WAD MEDANI	230	11	20	01	2	7	Ac, As	10.3		29	19	24		55	2		
	801	RENK	180	2	20	02	1	6	Sc	14.3		26	20	24		70	0		
	802	ROSEIRES	230	5	20	02	2	8	Sc	9.7		26	22	24		79	0		
	771	EL OBEID	230	7	20	02	2	7	Ac, Cs	10.3		27	21	21		70	0		
	780	EL FASHER	240	2	20	02	2	7	Ac, Cs	10.6		26	21	25		74	0		
	770	GENEINA	140	10	50	02	2	7	Ac, Cs	13.0		25	17	22		61	0		
S. Sudan	840	MALAKAL	180	4	20	02	2	7	Ac, As	12.9		23	21	18		87	60		
	880	WAU																	
	941	JUBA	180	1	24	03	1	6	Cu, Ci	12.5		25	22	22		84	tr		

SHIP REPORTS in code

13339 22206 03310 98020 14922 00900 35303 00118 13321
13329 37206 18109 98020 06828 00924 35206 00122 13121
13248 35806 63314 97051 06628 00909 75112 00324 13312
13236 36606 43310 98030 05829 00901 76015 00221 13322
13263 24406 33320 98020 08125 30942 36115 00121 13334

Z.M. * 0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Aswan		P.Said		Minya		Siwa		Bahariya		Alex.(A)		P.Said		Minya		Siwa	
DATE	9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6		9-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	18	320	15	330	16	310	13	10	15	350	9	330	10	300	17	280	13	10	25	10	11
600 m.	310	18	320	14	320	16	280	43	20	16	340	12	340	14	320	27	280	12	20	23	10	21
1000 m.	300	21	320	14	320	19	290	20	360	17	330	14	340	19	330	23	280	13	360	15	330	15
1500 m.			300	7	320	17	280	19	310	17	340	14	340	14	320	26	270	13	320	17	330	16
2100 m.			330	4	300	15	280	16	40	14	330	12	330	12	310	24			290	16	320	20
2400 m.					100	21	280	15	290	6	320	12	340	13					300	19	310	20
3000 m.							260	16	210	11			330	23					310	17	310	23
4000 m.																			290	21		
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Aswan		Abu Sueir		Sallum		Aswan		P.Said		Siwa		Bahariya		Minya		Hurghada	
DATE	9-6		9-6		9-6		9-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6	
TIME	2300		2300		2300		2300		0500		0500		0500		0500		0500		0500		0500	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	22	300	7	320	17			350	16	330	12	260	10	10	12	360	3	360	14	320	18
600 m	300	23	330	10	320	19	290	12	360	11	330	17	280	9	20	10	360	3	340	13	300	18
1000 m.	320	21	300	11	330	16	280	15	10	11	320	17	290	9	30	11	350	15	310	12	310	24
1500 m.			300	11	320	10	270	16	10	18	330	23	270	9	340	11	330	21	310	18		
2100 m.					300	14	300	14					250	12	340	16	320	22	310	24		
2400 m.					280	5	300	20							320	18	310	22	310	20		
3000 m							310	16							330	23	320	30	310	29		
4000 m.															350	28						
5000 m.																						
6000 m.																						

STATION	Sollum		S.Gharadi		Aswan		Luxor		Alex.(A)		Minya		Siwa		Bahariya		Dakhla		Kharga		Hurghada	
DATE	10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6	
TIME	1100		1100		1100		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	11	330	11	320	5	280	17	290	19	300	10	270	6	310	10	340	25	320	9	360	19
600 m.	330	15	330	17	310	11	290	10	340	4	240	10	280	6	300	7	350	28	330	10	340	13
1000 m.	330	17	300	17	330	4	290	20	320	17	310	13	300	10	310	10	350	21	280	8	320	22
1500 m.			310	22	250	8	300	19			300	15	320	9	320	12	360	16	320	7	210	15
2100 m			310	28	270	29	300	10					320	13	280	9			310	13	270	29
2400 m.					270	23	300	16					320	20	310	9						
3000 m.					280	25	300	17					330	21	320	19						
4000 m.															260	22						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 10th June, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing } during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of } shallow fog less than 2 m.
12 Continuous } on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls } within sight during past hour
19 Funnel cloud (s) } within sight during past hour
20 Drizzle (not freezing) } not falling as shower (s) } during preceding hour but not at the time of observation
21 Rain (" ") } not falling as shower (s)
22 Snow } not falling as shower (s)
23 Rain and snow } not falling as shower (s)
24 Freezing drizzle or rain } not falling as shower (s)
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 } Slight or moderate duststorm or sandstorm } decreased } during preceding hour
31 } } no change
32 } } increased
33 } Severe duststorm or sandstorm } decreased
34 } } no change
35 } } increased
36 Slight or moderate drifting snow } low
37 Heavy " " } low
38 Slight or moderate " " } high
39 Heavy " " } high
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible } has become thinner during preceding hour
43 " , " not " } has become thinner during preceding hour
44 " , " discernible } no change during preceding hour
45 " , " not " } no change during preceding hour
46 " , " discernible } has begun or become thicker during last hour
47 " , " not " } has begun or become thicker during last hour
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent } slight
51 " " " continuous } slight
52 " " " intermittent } moderate
53 " " " continuous } moderate
54 " " " intermittent } thick
55 " " " continuous } thick
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent } slight
61 " " " continuous } slight
62 " " " intermittent } moderate
63 " " " continuous } moderate
64 " " " intermittent } heavy
65 " " " continuous } heavy
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes } slight
71 Continuous " " " } slight
72 Intermittent " " " } moderate
73 Continuous " " " } moderate
74 Intermittent " " " } heavy
75 Continuous " " " } heavy
76 Ice needles } with or without fog
77 Granular snow } with or without fog
78 Isolated star like snow crystals } with or without fog
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 } Shower (s) of soft hail with or without rain or rain and snow mixed } slight
88 } Shower (s) of soft hail with or without rain or rain and snow mixed } moderate
89 } Shower (s) of hail with or without rain or rain and snow mixed, not with thunder } slight
90 } Shower (s) of hail with or without rain or rain and snow mixed, not with thunder } moderate
91 Slight rain } Thunderstorm during preceding hour but not at time of observation
92 Moderate or heavy rain } Thunderstorm during preceding hour but not at time of observation
93 Slight snow * } Thunderstorm during preceding hour but not at time of observation
94 Moderate or heavy snow * } Thunderstorm during preceding hour but not at time of observation
95 Thunderstorm slight or moderate without hail } Thunderstorm at time of observation
96 " " " with " } Thunderstorm at time of observation
97 " heavy without hail } Thunderstorm at time of observation
98 " with duststorm or sandstorm } Thunderstorm at time of observation
99 " heavy with hail } Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Mild weather in Lower Egypt and Cairo. Early morning low clouds, clearing gradually during day, with chance for light drizzle on coast. Moderate NWly winds, fresh at times.

In Upper Egypt: Hot weather. Mainly clear. Moderate Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / " " Sunset 16 56 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 9th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 (* 9 = Sky obscured by fog etc.)	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	320	12	18	02	0	0	—	12.2	28	17	52
	303	SIDI BARRANI	310	18	18	02	0	1	cu	12.1	25	17	61
	306	MATRUH (A)	320	20	15	02	0	0	—	11.7	25	17	61
	309	EL DAB'AA	270	18	18	00	0	0	—	11.1	26	16	55
	319	ALEXANDRIA	320	14	20	01	0	1	cu	11.1	24	19	74
	318	ALEXANDRIA (A)	320	12	12	02	0	0		10.5	27	20	66
	330	DAMIETTA	290	5	20	02	0	0	—	10.3	26	19	66
	333	PORT SA'ID (A)	340	10	20	02	0	1	Sc	9.4	25	20	74
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	330	2	20	02	1	0	—	10.6	30	13	35
	342	MANSURA	270	5		02	0	0	—	9.5	31	13	33
	348	TANTA	310	13	20	01	1	2	ci	9.8	30	14	38
	360	SHEBIN EL KOM	20	5	20	01	1	2	cu	9.8	30	16	43
	354	ZAGAZIG	270	1	20	03	1	4	cu		29	20	59
	438	Abu Sueir	330	10	10	03	1	4	cu	9.1	31	12	31
CAIRO AREA	366	CAIRO (A)	320	10	20	03	0	2	cu	9.2	30	12	33
	372	CAIRO ALMAZA (A)	270	12	15	03	0	3	cu, Ac	9.3	32	14	34
	374	CAIRO EZBEKIYA											
	375	GIZA	340	6	10	03	1	2	cu	9.8	30	15	40
	378	HELWAN	320	5	10	02	1	2	cu	9.3	30	12	33
UPPER EGYPT	381	FAYOUM	360	6	20	03	0	1	cu, Sc	9.5	32	14	34
	387	MINYA (A)	10	10	10	02	0	0	—	9.2	33	10	24
	393	ASYOUT (A)	350	9	16	02	0	0	—	9.1	33	3	15
	399	NAG' HAMADI	270	3	10	02	0	4	ci	8.4	34		
	402	QENA	290	6	20	00	0	0	—	7.2	36		
	405	LUXOR (A)	330	12	22	02	0	0	—	6.9	37	-1	9
	414	ASWAN	360	14	14	02	0	1	ci	6.3	37	0	10
OASES	417	SIWA	320	15	15	02	0	0	—	11.8	33	8	21
	420	BAHARIYA	320	3	20	02	0	0	—	10.8	33	15	34
	423	FARAFRA	340	5	20	02	0	0	—	11.5	34	6	18
	432	DAKHLA	340	13	20	02	0	0	—	12.2	34	7	19
	435	KHARGA	350	8	12	02	0	0	—	8.3	34	6	18
RED SEA	450	SUEZ	310	2	50	01	0	1	cu	9.9	32	11	28
	459	TOR											
	462	HURGHADA	330	25	22	02	0	0	—	6.2	31	13	33
	465	QUSEIR	350	12	20	01	0	0	—	7.0	30	17	46
	641	PORT SUDAN	40	15	20	02	0	0	—	4.5	35	22	47
NORTH SUDAN	600	WADI HALFA	20	14	20	02	0	0	—	7.3	39	11	18
	640	ABU HAMAD	340	9	22	02	0	0	—	3.9	42	3	9
	660	KAREIMA	40	7	21	03	0	1	Ac	4.5	42	3	9
	680	ATBARA											
	721	KHARTOUM	270	3	20	02	1	3		4.5		4	
	730	KASSALA	230	4	20	02	1	3	cu, Ac	3.8	39	15	24
CENTRAL SUDAN	751	WAD MEDANI	200	9	20	03	2	6	cu, Ac, ci	5.5	37	17	31
	801	RENK	230	5	20	02	1	6	Sc, cu	9.3	35	19	39
	802	ROSEIRES	230	5	20	02	2	8	Sc	8.3	32	18	43
	771	EL OBEID											
	760	EL FASHER											
	770	GENEINA	220	6	50	02	2	6	cu, cs	7.3	34	15	32
S. SUDAN	840	MALAKAL	200	3	20	01	2	5	ch, Ac, ci	9.5	30	20	55
	880	WAU	200	4	20	02	6	8	cu, Sc	8.4	30	21	59
	941	JUBA	90	2	24	17	6	7	cu, cs	8.8	29	21	62
		SHIP REPORTS (in code)	13335	24312	030	13	980	20	13623	00900			
			13273	34212	034	13	990	00	05327	00900			
			13250	35712	410	13	980	20	05428	00901			
			13338	23512	032	05	970	50	14321	00900			

At 1800 on 9th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	300	20	14	02	0	0	—	11.8	24	16	28	-1	61	0
SIDI BARRANI	310	16	15	02	0	2	Sc	11.4	21	17	25		78	0
MATRUH (A)	280	12	15	01	0	2	Sc, cu	11.2	21	19	26		88	0
EL DAB'AA	340	15	20	00	0	0	—	11.7	22	19	27		83	0
ALEXANDRIA	310	11	20	01	0	0	—	10.4	22	19	25	-3	83	0
ALEXANDRIA (A)	340	11	12	02	0	6	Sc	9.6	22	19	27	-1	83	0
DAMIETTA	290	5		02	0	0	—	9.6	23	19	27	-1	79	0
PORT SA'ID (A)	330	13	18	03	0	1	Sc	8.9	23	19	29	+1	79	0
EL 'ARISH														
DAMANHUR	270	2	10	02	0	0	—	10.3	23	18	30	-2	74	0
MANSURA	360	3		02	0	0	—	9.4	25	14	31	-3	51	0
TANTA	310	6	20	02	0	0	—	10.0	25	14	32	-2	51	0
SHEBIN EL KOM	40	2	10	00	0	0	—	9.5	25	16	32		58	0
ZAGAZIG	00	0	10	02	0	0			27	16	32	-2	52	0
Abu Sueir	360	11	10	02	0	0	—	9.3	26	14	32		48	0
CAIRO (A)	310	5	12	02	0	0	—	9.0	27	8	32		30	0
CAIRO ALMAZA (A)	320	8	15	01	0	0	—	9.1	27	10	32	-3	35	0
CAIRO EZBEKIYA											33	-2		
GIZA	340	4	10	01	1	0	—	9.2	29	11	32	-3	33	0
HELWAN	320	5	4	02	0	0	—	9.3	28	8	31	-3	29	0
FAYOUM	360	4	20	01	0	0	—	8.7	28	13	33	-3	40	0
MINYA (A)	360	9	8	02	0	0	—	8.5	26	13	35	-1	45	0
ASYOUT (A)	00	0	12	02	0	0	—	8.3	28	8	34	-3	29	0
NAG' HAMADI	00	0		01	0	3	cs	8.3	27	11	35	-3	37	0
QENA	290	4		00	0	0	—	7.8	31		36	-4		0
LUXOR (A)	300	4	22	02	0	0	—	7.4	30	4	37		19	0
ASWAN	360	2	10	02	0	0	—	6.2	32	2	39	-2	15	0
SIWA	350	6	15	01	0	0	—	10.2	30	8	35	-2	25	0
BAHARIYA	00	0	15	02	0	0	—	9.3	29	14	34	-2	40	0
FARAFRA	320	3	12	02	0	0	—	11.2	28	3	35		20	0
DAKHLA	340	10	8	02	0	0	—	10.4	31	7	35	-4	22	0
KHARGA	360	2	12	02	0	0	—	7.4	31	4	35	-4	18	0
SUEZ	360	3	10	01	0	0	—	10.3	28	20	33	-2	62	0
TOR														
HURGHADA	330	6	20	02	0	0	—	6.7	28	15	30	-3	45	0
QUSEIR	340	4	20	01	0	0	—	5.9	29	24	37		74	0
PORT SUDAN	360	11	20	02	0	0	—	7.7	33	18	40		24	0
WADI HALFA	340	5	22	02	0	0	—	5.0	35	-2	43		9	0
ABU HAMAD	50	3	21	02	0	0		5.0	37	5	42		13	0
KAREIMA	360	4	20	03	1	3	Ac	3.5	37	1	43		11	0
ATBARA	350	1	20	03	1	5	Ac	3.9	37	11	42		20	0
KHARTOUM	00	0	20	13	1	6	ch, Ac, As	5.1	34	14	40		30	0
KASSALA														
WAD MEDANI	200	12	20	13	2	7	ch, Ac	7.0	33	16	39		36	0
RENK														
ROSEIRES														
EL OBEID	210	4	20	13	0	3	ch, Ac	5.5	32	17	36		41	0
EL FASHER	160	7	30	03	2	7	As, cs	5.5	33	15	37		34	0
GENEINA	230	5						7.6	28	17	35		52	0.4
MALAKAL	360	2	20	13	1	3	ch, Ac	9.6	28	23	32		74	0
WAU	240	2	20	01	2	2	ci	8.4	28	22	31		70	dr
JUBA	00	0	24	02	0	2	ci	8.6	26	24	31		89	0
	13236	34618	036	07	98070		05428	00X00			75210			
	13234	36318	023	10	98050		06328	00900			46520			

At 0600 on MONDAY 10th JUNE, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
SALLOUM	320	12	18	02	0	0	—	10.5	-2.3	25	14	21	+2	51	0	260	
SIDI BARRANI	310	16	18	00	0	0	—	10.3		23	16	20		65	0	257	
MATRUH (A)	280	14	16	03	0	3	Sc	10.0	-3.2	23	18	19		74	0	270	
EL DAB'AA	270	14	10	00	0	5	Ac	10.2		24	18	21		69	0	208	
ALEXANDRIA	310	12	20	03	0	6	cu, Sc	9.6	-3.5	23	16	22	+2	65	0	284	186
ALEXANDRIA (A)	330	8	12	80	2	7	cu, Sc	9.2	-2.2	24	18	21	+1	69	dr	256	138
DAMIETTA	220	2		03	1	6	Sc	8.8	-3.0	22	18	18	-2	78	0	243	106
PORT SA'ID (A)	240	10	12	01	1	1	Sc	8.3	-3.9	24	18	21	-1	69	0		
EL 'ARISH																	
DAMANHUR	330	2		03	1	6	cu, Sc	9.6	-2.9	23	18	18	0	74	0	140	101
MANSURA	220	3		03	1	6	Ac	8.7	-3.5	24	17	19	+1	65	0	79	55
TANTA	220	3	20	03	2	8	As	9.9	-2.7	21	18	17	0	83	0	92	44
SHEBIN EL KOM	40	2	10	01	1	2	cu	9.5	-2.9	23	18	18		74	0	68	
ZAGAZIG	220	1	10	03	1	6	cu			22	17	18	+1	74	0	53	27
Abu Sueir	260	9	12	02	1	5	cu	9.5		23	17	19		69	0		
CAIRO (A)	260	4	12	01	2	6	As	9.0		23	17	19		69	0	55	
CAIRO ALMAZA (A)	250	6	10	07	2	5	Sc, cu	9.7	-2.5	22	17	19	-1	74	0	60	
CAIRO EZBEKIYA										22	17	19	0	74	0	43	26
GIZA	270	5	8	02	—	5	cu, Ac	10.4	-1.7	21	18	17	0	83	0	58	26
HELWAN	00	0	4	02	2	6	cu	10.2	-1.8	21	18	18	-2	83	0	36	29
FAYOUM	360	4	20	02	0	0	—	10.3	-1.6	24	17	18	-1	65	0	16	8
MINYA (A)	350	4	8	02	0	0	—	10.1	-2.0	24	15	18	-1	57	0	10	
ASYOUT (A)	280	4	16	02	0	0	—	10.0	-0.9	25	10	21	0	39	0	dr	
NAG' HAMADI	00	0		00	0	0	—	9.5	+0.1	25	13	19	-1	48	0	1	
QENA	00	0	10	00	0	0		9.0	-0.2	29		20	-3		0	dr	
LUXOR (A)	290	2	22	02	0	0	—	8.9	-0.2	30	10	20		29	0	0	
ASWAN	00	0	12	02	0	0	—	9.2	0.0	28	2	21	-5	19	0	8	
SIWA	320	2	16	02	0	0	—	12.3	-1.4	23	14	19	0	57	0	27	8
BAHARIYA	00	0	15	02	0	0	—	11.1	-1.6	24	16	17	-2	61	0	2	7
FARAFRA	00	0	15	02	0	0	—	12.1		27	9	21		33	0	dr	
DAKHLA	290	7	20	02	0	0	—	12.0	+0.8	27	5	21	-1	25	0	1	
KHARGA	00	0		02	0	1		8.6	-1.3	28	10	18	-5	33	0	6	
SUEZ	310	2	20	00	0	1	cu	10.7	-0.6	24	18	17	-4	69	0	45	17
TOR																	13
HURGHADA	330	12	20	02	0	0	—	7.8	-1.3	28	17	22	-1	52	0	0.4	
QUSEIR	350	12	20	02	0	0	—	7.8	-1.0	29	16	24	-1	46	0	dr	4
PORT SUDAN	40	10	20	03	0	1	Ac	7.4		33	23	21		56	0		
WADI HALFA	00	0	20	02	0	0		10.3		27	5	23		25	0		
ABU HAMAD	360	13	20	02	0	0		7.4		31	5	26		19	0		
KAREIMA	230	2		02	2	3	st	8.2		30	23	20		66	0		
ATBARA																	
KHARTOUM	180	20	20	02	2	5	Ac, ci	8.3		31		29			0		
KASSALA	270	5	20	25	2	7	Ac, As	8.7		29	17	25		49	dr		
WAD MEDANI																	
RENK	130	2	20	02	1	5	Ac	11.9		29	22	36		66	0		
ROSEIRES																	
EL OBEID																	
EL FASHER	170	3	50	02	2	7	Ac, cs	9.5		28	21	25		66	0		
GENEINA																	
MALAKAL	00	0	20	01	2	6	Ac	11.5		29	23	25		70	0		
WAU																	
JUBA	170	2	24	02	1	3	ch, ci	12.0		26	23	22		84	0		
SHIP REPORTS (in code)	23329	27306	031	05	98000		10322	00900									
	23324	29306	132	13	98030		09172	11300	35310		05266			13222			
	23265	34906	032	12	98030		06181	00X00	75114		05170			13252			

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Minya		Luxor		Aswan		Alex (A)		Siwa		Bahariya		Minya		Luxor		Aswan	
DATE	10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6		10-6	
TIME	1700		1700		1700		1700		1700		1700		1700		1700		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	16	310	16	310	16	320	9	290	11	310	7	320	26	320	20	30	16	330	8		
600 m.	330	8	300	22	310	16	330	9	300	17	310	17	320	21	320	23	20	7	330	8	340	24
1000 m.	340	7	300	11	310	16	330	10	300	15			320	17	320	23	300	4	330	9	330	30
1500 m.	350	24	290	10	300	10	330	12	300	14			330	19	320	21	290	14	140	9	310	14
2100 m.	320	35					300	3	300	12			330	17	320	18	300	20	330	11		
2400 m.	320	29					350	9	360	2			330	17	320	22	300	26	350	7		
3000 m.							270	2							320	25	300	20				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Abu Sueir		Siwa		Salloum		Cairo (A)		Minya		Luxor		Aswan		Alex (A)		Siwa		Bahariya	
DATE	10-6		10-6		10-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6	
TIME	2300		2300		2300		0500		0500		0500		0500		0500		0500		0500		0500	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	17	320	10	20	15	10	9	200	12	10	[illegible]	360	2	330	8	300	4	30	9	40	8
600 m.	340	13	320	8	360	14	10	10	240	4	20	4	330	7	330	8	260	3	20	8	60	10
1000 m.	330	16	320	5	360	17	350	16	210	6	300	4	300	11	330	10	260	4	20	5	20	9
1500 m.	350	13			320	22	320	16	330	7	260	15	300	7	250	17			350	10	300	10
2100 m.					310	26	310	22					300	7					340	15	290	12
2400 m.					320	32	310	19											320	20	290	19
3000 m.																			330	20	310	17
4000 m.																					310	32
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex. (A)		Abu Sueir		Minya		Luxor		Aswan		[illegible]		Bahariya		Kharga		Hurghada	
DATE	11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6	
TIME	1100		1100		1100		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	5	350	8	330	7	260	6	290	10	260	6	290	16	300	7	300	4	260	8	110	12
600 m.	280	4	350	7	280	6	320	3	290	10	260	15	290	19	300	7	330	15	300	4	70	9
1000 m.	300	7	20	9	190	6	260	4	320	7	260	8	290	9	320	6	330	22	320	4	290	3
1500 m.	350	6			290	5	240	7	320	17	260	6	300	9	330	7			330	3	320	6
2100 m.															340	15					280	31
2400 m.															360	15						
3000 m.															340	19						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	11-6																			
TIME	1200																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	30																		
1000 mb.	88	29		300	9															
950 mb.																				
900 mb.																				
850 mb.	1497	13		240	4															
800 mb.																				
700 mb.	3100	8		270	10															
600 mb.																				
500 mb.	5767	-12		270	22															
400 mb.	7442	-24		270	19															
300 mb.	9475	-40		280	26															
200 mb.	12130	-52		260	24															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE [illegible] 195[illegible]

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
		during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: [illegible]

Mild weather by day, fine by night, in Lower and Middle Egypt. Moderate NW⁴⁄₅ winds, slightly freshening in the afternoon. Few amounts of low clouds during day, increasing in the early morning. In Upper Egypt: Hot weather. Light N⁴⁄₅ winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / " " Sunset 16 56 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 10th											At 1800 on 10th													
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD		BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C.		RELATIVE HUMIDITY %	WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD		BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C.				RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
DIRECTION Deg.	VELOCITY IN KNOTS				* AMOUNT 0-8	FORMS		Dry Bulb	Dew Point		DIRECTION Deg.	VELOCITY IN KNOTS				AMOUNT 0-8	FORMS		Dry Bulb	Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal		
20	16	18	02	0	0	—	10.9	27	16	52	270	12	12	02	0	0	—	11.0	23	16	30	+1	65	0
330	18	18	02	0	0	—	11.0	24	13	69	330	12	16	01	0	0	—	10.3	21	19	25		88	0
320	18	16	02	0	0	—	10.5	25	17	61	290	9	13	02	0	0	—	10.3	21	18	27		83	0
270	15	20	00	0	0	—	10.0	24	16	61	340	8	20	00	0	0	—	10.0	22	17	27		74	0
310	16	20	01	1	3	Sc	9.6	24	18	69	310	10	20	02	0	3	Cu	9.5	22	17	26	-2	74	0
320	15	12	02	2	6	Cu, Sc	9.4	26	18	62	330	11	12	02	2	6	Cu, Sc	8.7	22	17	27	-1	74	0
320	5	20	00	1	0	—	8.8	25	17	61	320	5		02	0	0	—	8.7	23	17	26	-2	69	0
330	2	10	01	2	6	Cu	9.3	27	19	62	330	2	10	02	1	0	—	9.4	22	17	27	-5	74	0
320	3		03	1	6	Cu	8.6	30	16	49	360	5		00	0	0	—	8.4	24	17	31	-3	65	0
270	7	20	03	2	6	Cu	8.6	29	15	43	90	5	20	02	0	0	—	8.8	22	19	30	-4	74	0
40	5	20	01	1	3	Cu	8.6	29	16	46	20	5	10	00	0	0	—	8.1	24	18	30		69	0
320	1	20	03	1	7	Cu	8.6	28	20	62	320	1	10	02	0	0	—	8.2	26	18	30	-4	62	0
300	12	15	02	1	6	Cu	8.2	29	14	70	10	10	8	01	5	1	Sc	8.7	25	16	31		58	0.1
290	10	12	02	0	4	Cu	7.8	30	13	35	300	5	12	02	0	0	—	8.4	25	15	32		54	0
280	10	20	03	0	5	Cu	8.3	31	14	36	310	8	13	02	0	0	—	8.9	26	14	32	-3	48	0
																					33	-2		
270	6	10	03	1	4	Cu	8.6	29	16	46	330	8	8	01	1	0	—	8.8	25	18	31	-4	65	0
290	3	10	02	2	5	Cu	8.4	30	12	33	320	7	10	02	0	0	—	8.4	29	12	31	-3	35	0
360	4	20	03	0	2	Cu, Sc	8.6	32	14	34	360	4	20	01	0	0	—	7.8	27	13	33	-3	42	0
330	12	10	02	0	0	—	8.1	34	6	18	360	5	8	02	0	0	—	8.6	24	9	35	-1	38	0
320	10	12	02	0	0	—	8.6	33	1	11	310	6	12	02	0	0	—	8.2	29	2	35	-2	18	0
00	0	10	00	0	0	—	8.4	34			00	0		01	0	2	Ac	8.6	26		35	-3		0
290	6	20	00	0	0	—	7.6	34			00	0		00	0	0	—	8.0	27		35	-5		0
290	4	22	02	0	0	—	7.6	36	4	13	320	2	12	02	0	0	—	7.4	31	0	37		13	0
270	6	15	02	0	0	—	6.8	37	0	10	300	7	12	02	0	0	—	6.8	34	-4	38	-3	9	0
300	12	16	03	0	1	Cu	10.7	33	6	19	360	13	14	02	0	1	Cu	8.5	32	6	35	-2	20	0
300	3	20	02	0	0	—	9.4	33	16	36	320	1	13	02	0	1	Cu	11.5	29	15	33	-3	43	0
320	7	20	02	0	0	—	11.3	34	2	13	340	3	12	02	0	0	—	10.6	29	1	34		17	0
350	12	23	02	0	0	—	10.0	35	8	19	340	9	14	02	0	0	—	10.0	30	8	36	-3	25	0
340	10	15	02	0	0	—	7.0	36	5	14	350	2	12	02	0	0	—	7.2	31	3	36	-3	17	0
00	0	50	03	0	4	Cu	8.7	30	17	46	360	3	10	01	0	1	Cu	9.6	27	19	32	-3	62	0
360	16	22	02	0	1	Cu	6.2	30	14	38														
80	6	20	02	0	0	—	7.4	30	19	52	20	4	20	02	0	0	—	7.7	28	15	31	-2	45	0
40	13	15	07	0	1	Ac	6.2	33	23	56	330	6	20	02	0	1	Ac	7.0	33	22	35		53	0
360	2	20	02	0	0	—	7.8	26	8	18	330	10	20	02	0	0	—	7.6	32	5	38		18	0
340	9	20	02	0	0	—	5.6	39	10	17	340	9	20	02	0	0	—	5.9	33	7	40		20	0
50	1	21	02	0	0	—	4.9	41	10	16	50	5	21	01	0	0	—	5.3	37	4	42		13	0
340	4	20	02	1	3	Ac, Ci	4.5	41	-2	7	20	7	20	02	1	1	Ac	5.1	36	-2	42		9	0
180	2	20	03	1	5	Cu, Cs	4.4	38	14	24	140	7	20	03	1	6	Ac, Ci	4.6	35	16	41		32	0
290	7	20	03	1	5	Cu, Ac, Ci	5.2	37	14	25	00	0	20	03	1	7	Ac, As	5.8	32	16	38		38	0
100	4	20	03	2	7	Cb, Ac	4.8	37	15	27	310	6	20	13	2	7	Cb, Ac	6.2	35	13	40		27	0
50	5	20	02	2	2	Cu	5.9	33	20	47											35			
220	7	20	02	2	7	Cu, Ac	6.4	33	17	38	200	5	20	13	2	7	Cb, Ac	5.5	33	16	36		36	0
130	2	55	02	2	7	Cu, Cs	5.1	36	18	35	160	5	55	13	1	6	Cb, Ac	4.6	34	17	38		36	0
											180	10	30	94	9	6	Cb	11.4	23	19	35		79	dr
230	8	20	03	2	7	Cb, Ac	8.4	31	21	55	340	4	20	21	9	7	Ac, As	11.7	24	23	31		94	3
230	1	20	01	2	4	Cu	6.9	33	22	53											34			
70	2	24	02	2	6	Cb	6.9	32	22	56	270	1	24	01	1	1	Cu	7.1	32	21	32		52	0
233	25	286	12	034	09	98000	104	22	00900		23263	348	18	032	05	98022	07027	009	00	36206	00221			
233	19	309	12	531	09	99012	080	27	55400	35401	23322	299	18	134	05	98000	09522	116	00					
232	78	338	12	032	06	98050	05828		00200	75814	23220	376	18	034	06	98020	06928	000	00	76313	05225			
233	37	219	12	031	05	98020	15023		00900	62211														
231	77	404	12	335	15	98030	049	32	00909	609XR														

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛḤ (A)
	309	EL ḌAB'AA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SA'ÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANṢÛRA
	348	ṬANṬA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	438	Abu Sueir
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÂZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	AṢYOÛṬ (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAḤARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

At 0600 on TUESDAY 11th JUNE, 1957																				
WIND		VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD		BAR PRESSURE		TEMPERATURES °C.					RAINFALL mms.		
DIRECTION Deg.	VELOCITY IN KNOTS				AMOUNT 0-8	FORMS	M.S.L. mb	Diff. from normal mb.	Dry Bulb	Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
360	12	18	02	0	0	—	10.4	-2.4	24	17	20	+1	65	0	260	
340	9	18	00	0	0	—	10.1		22	19	19		83	0	257	
300	12	16	02	0	3	Cu	10.0	-3.2	23	19	18		79	0	270	
270	6	10	02	0	8	Ac	9.4		22	17	20		74	0	208	
310	5	20	03	0	6	Cu, Sc	9.1	-4.5	24	16	21	+1	61	0	284	186
280	2	12	02	2	7	Cu, Sc	8.7	-3.7	24	18	21	+1	69	0	256	138
250	2	10	03	0	1	Cu	8.8	-2.9	24	19	18	-2	74	0	243	106
250	1	12	03	1	8	Sc	8.2	-2.1	24	18	21	-1	69	0		
360	2		03	0	5	Cu	9.2	-3.1	24	19	19	+1	74	0	140	101
40	3		03	1	5	Sc	8.4	-3.1	24	18	19	+1	69	0	79	55
00	0	20	03	2	7	Ac	9.4	-2.9	23	18	16	-1	78	0	92	44
340	2	10	01	1	2	Cu	9.1	-3.2	23	18	19		74	0	68	
00	0	10	02	2	8	Sc	8.4	-3.7	22	19	18	+1	83	0	53	47
230	7	10	03	0	8	Sc	8.9		23	16	20		74	0.1		
280	1	15	01	2	3	Sc	8.8		23	17	19		69	0	55	
270	4	10	02	1	2	Sc	8.7	-3.5	24	17	20	0	65	0	60	
									23	16	20	+1	65	0	43	26
290	5	8	02	—	2	Cu	9.2	-2.9	24	18	18	+1	69	0	58	26
00	0	4	02	1	2	Sc	9.4	-2.6	22	17	18	-2	59	0	36	29
360	4	20	02	0	1	Cu, Sc	9.6	-2.2	24	17	20	+1	65	0	16	8
350	3	8	02	0	0	—	9.0	-3.1	24	17	16	-3	65	0	10	
00	0	10	02	0	0	—	9.2	-1.7	23	4	21	0	25	0	dr	
00	0		01	0	3	Ac	9.4	+0.1	24	12	17	3	47	0	1	
00	0	10	00	0	0	—	9.1	+0.1	28		19	-4		0	dr	
170	2	24	02	0	0	—	8.1	+0.1	30	4	20		19	0	0	
00	0	14	02	0	0	—	9.6	+0.4	31	3	22	-4	17	0	8	
00	0	15	02	0	0	—	11.2	-2.4	22	15	17	-2	65	0	27	8
40	2	15	02	0	0	—	10.3	-2.4	24	18	18	-1	69	0	2	7
350	3	15	02	0	0	—	11.2		26	5	16		27	0	dr	
290	3	12	02	0	0	—	11.5	+0.6	25	4	19	-3	26	0	1	
120	1	12	02	0	0	—	8.6	-1.2	25	7	17	-6	32	0	6	
00	0	20	00	0	0	—	10.6	-0.7	24	19	18	3	74	0	45	17
																13
															0.4	
350	4	4	02	0	0	—	8.0	-0.7	28	16	24	-2	46	0	dr	4
00	0	20	01	0	1	Ac	8.4		35	23	22		50	0		
00	0	20	02	0	0	—	10.4		28	6	28		25	0		
340	9	22	02	0	0	—	9.8		31	5	24		19	0		
80	3	21	02	0	1	Cu	9.1		32	6	25		20	0		
340	7	20	01	1	2	Cu	9.5		32	2	25		15	0		
300	7	20	01	2	6	Ac, Cs	9.8		30	18	26		49	0		
180	7	20	02	1	5	Ac, Cs	9.3		31	16	27		41	0		
00	0	20	02	9	7	Ac	10.4		25	21	23		79	6		
130	9	20	02	2	8	Sc	12.4		25	19	23		70	0		
270	3	20	02	2	6	Ac, Ci	10.2		29	16	23		46	0		
160	8	55	01	2	7	Ac, Cs	9.6		28	22	25		70	0		
180	1	50	02	2	7	Ac, As	12.9		25	17	25		61	dr		
360	1	20	02	2	7	Ac	12.2		24	21	23		84	3		
00	0	20	02	2	7	Ac	11.3		23	21	21		89	57		
340	1	24	03	1	7	Sc, Ci	12.7		24	22	21		89	0		
333	36	24.5	06	030	02	98020	11323		009	00	254	00	003	20	13021	
332	53	355	06	036	02	99020	095	27	000	00	761	16	052	24	733X0	
332	64	348	06	021	05	97010	091	28	009	06	463	14	002	18	11921	
332	57	365	06	026	04	98020	091	28	009	00	352	14	000	22	13222	

SHIP REPORTS in Code

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sollum		Cairo (A)		Kharga		Alex. (A)		P. Said		Minya		Sciuta		Alex. (A)		P. Said		Minya		Sciuta	
DATE	11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6		11-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	6	10	16	240	17	300	5	250	16	260	15	220	6	330	6	340	[illegible]	10	24	300	19
600 m.	350	9	20	7	280	16	300	6	330	14	290	13	340	9	330	7	10	6	340	16	110	15
1000 m.	350	17	10	6	280	23	320	5	250	8	300	11	330	7	340	7	360	5	330	10	10	4
1500 m.	320	11	300	4	310	15	310	12	270	15	300	22	360	9	340	13	340	5	330	7	320	5
2100 m.	300	12	250	9	320	3	260	10	240	16	290	15	360	6					290	7	310	17
2400 m.	290	10	220	16			310	10	250	12	300	7	350	18					320	12	320	24
3000 m.	280	2	260	7			320	0					310	[illegible]					280	16	340	37
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sollum		Cairo (A)		Kharga		Alex. (A)		P. Said		Minya		Sciuta		Alex. (A)		P. Said		Minya		Sciuta	
DATE	11-6		11-6		11-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	130	7	50	11	240	7	225	4	[illegible]	4	10	7	100	10	300	11	290	5	350	7	300	3
600 m.	40	10	50	10	270	7	270	4	[illegible]	4	300	4	120	9	290	11	230	3	320	10	260	5
1000 m.	40	12	360	6	300	6	300	8	310	4	310	6	150	7	280	9	270	9	320	10	250	4
1500 m.	40	5	280	12	310	10	320	10	260	10	220	10	240	9	270	5	250	[illegible]			260	10
2100 m.	340	10	260	16	310	12	320	16			270	10	250	12			260	9			280	14
2400 m.	330	13	250	15			320	17			290	17	300	21			280	10			280	14
3000 m.			260	18			320	22			310	17	320	22			240	15			310	10
4000 m.			280	14									340	10							320	17
5000 m.																					310	19
6000 m.																						

STATION	Sollum		Cairo (A)		Kharga		Alex. (A)		Baghdad		Basra		Nafah		Abadan		Bahrein		Khatga		Ras Sudr	
DATE	12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6	
TIME	0500		0500		0500		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180	2	40	4	00	0	300	9	340	16	310	11	340	14	260	8	320	7	120	10	300	16
600 m.	170	12	30	5	200	4	310	10	310	3	260	6	330	14	280	4	310	8	170	10	300	7
1000 m.	150	4	10	6	220	9	310	12	310	3	220	8	320	12	240	3	290	7	340	10	300	14
1500 m.	140	9	220	7	250	8	300	10	310	8			270	5	250	10	280	10	340	15		
2100 m.	180	12	230	8					310	10			260	18	270	13			350	5		
2400 m.	160	10	220	10					320	10			250	18	250	17						
3000 m.													270	17								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPOR

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 12 JUNE, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Lower Egypt & Cairo: Mild weather by day, fine by night. Some low clouds, specially on coast, increasing generally in the early morning. Moderate NWly winds, fresh at times.

Upper Egypt: Hot weather. Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T.
" " Sunset 16 57 U.T.

All times are Universal Times (U.T.) [Two hours slower than local time]

At 0600 on WEDNESDAY 12 th JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal From Oct. 1st
MED TERRANEAN	62300	SALLOÛM	00	0	18	02	0	0	—	10.1	-2.6	26	15	19	0	5	0	260	
	303	SÎDI BARRÂNI	290	6	18	00	0	2	Sc	9.9		23	19	17		79	0	257	
	306	MATRÛH (A)	210	5	16	02	0	0	—	10.8	-2.3	24	17	18		65	0	270	
	309	EL DAB'AA	250	2	10	00	0	5	Ac	10.4		23	18	17		74	0	208	
	319	ALEXANDRIA	270	4	20	03	0	5	Sc	10.7	-2.3	24	19	21	+1	74	0	284	186
	318	ALEXANDRIA (A)	220	5	12	03	2	7	cu, Sc	10.3	-2.0	24	18	20	0	69	0	256	138
	330	DAMIETTA	220	2	10	00	0	0	—	10.0	-1.7	23	19	18	-2	79	0	243	106
	333	PORT SA'ÎD (A)	340	1	14	01	1	3	Sc	9.5	-2.5	25	19	21	-1	70	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	00	0	4	02	1	5	cu	10.3	-2.0	23	18	18	0	74	0	140	101
	342	MANṢÛRA	90	3		00	0	0	—	10.0	-2.0	25	16	19	+1	68	0	79	55
	348	ṬANṬA	00	0	20	02	0	0	—	10.7	-1.7	22	19	16	-1	83	0	92	44
	360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	9.6	-2.6	24	18	19		69	0	68	
	354	ZAGAZIG	00	0	10	00	0	0	—	9.0	-3.2	24	19	19	+2	74	0	53	27
	438	Abu SUEIR	00	0	15	02	0	0	—	9.2		25	18	20		65	0	[illegible]	
CAIRO AREA	366	CAIRO (A)	10	2	12	02	1	3	cu	9.8		24	18	20		69	0	55	
	372	CAIRO ALMÂZA (A)	20	4	15	03	0	3	cu	9.6	-2.6	24	18	20	0	69	0	60	
	374	CAIRO EZBEKÎYA										24	18	19	0	69	0	43	26
	375	GIZA	10	2	5	02	0	2	cu	10.2	-1.8	24	19	19	+2	74	0	58	26
	378	ḤELWÂN	00	0	4	02	0	0	—	9.9	-2.0	24	18	20	0	69	0	36	29
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	10.0	-1.7	26	18	20	+1	62	0	16	8
	387	MINYA (A)	350	7	9	02	0	0	—	9.8	-2.2	25	18	19	0	65	0	10	
	393	AṢYOÛT (A)	00	0	16	02	0	0	—	9.9	-0.9	27	12	22	+1	40	0	dr	
	399	NAG' HAMÂDI	00	0		00	0	0	—	10.0	+0.8	24	14	17	-3	54	0	1	
	402	QENA	270	0	10	00	5	0	—	9.9	+0.9	27		19	-4		0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	8.9	-0.1	30	8	19		25	0	0	
	414	ASWÂN	00	0	13	02	0	0	—	9.3	+0.2	32	4	21	-5	17	0	8	
OASES	417	SÎWA	110	4	14	02	0	0	—	10.5	-3.1	25	13	20	+1	48	0	27	8
	420	BAḤARÎYA	00	0	10	02	0	0	—	10.8	-1.8	25	20	19	0	74	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	12.2		26	8	16		32	0	dr	
	432	DAKHLA	00	0	15	02	0	0	—	11.8	+0.6	27	9	20	-2	33	0	1	
	435	KHARGA	00	0	12	02	0	0	—	9.8	-0.1	27	12	18	-5	40	0	6	
RED SEA	450	SUEZ	310	2	20	00	0	1	ac, As, ci	11.0	-0.2	25	19	21	0	70	0	45	17
	459	TÔR																	13
	462	HURGHÂDA	340	15	20	02	0	0	—	8.2	-0.7	27	20	20	-3	66	0	0.4	
	465	QUSEIR	350	8	20	02	0	0		8.4	-0.2	29	20	25	-1	59	0	dr	4
	641	PORT SÛDÂN	330	1	20	03	0	6	AC	9.7		34	19	28		41	0		
NORTH SUDAN	600	WÂDI HALFA	160	9	20	02	0	0	—	9.8		28	3	21		20	0		
	640	ABU ḤAMAD	360	9	24	02	0	0	—	9.1		31	-5			9	0		
	660	KAREIMA																	
	680	'ATBARA																	
	721	KHARTOÛM	180	5	20	02	2	7	Sc, Ac, As	10.1		31	18	29		46	0		
	730	KASSALA	210	6	20	01	2	1	AC	10.6		31	17	27		43	0		
CENTRAL SUDAN	751	WÂD MEDANI	270	4	20	02	6	7	Ac, As	11.5		29	20	26		59	dr		
	801	RENK																	
	802	ROSEIRES	230	2	20	02	2	8	AC	12.1		27	21	25		70	0		
	771	EL OBEID	270	5		02	2	7	Ac, As	10.8		27	17	25		55	0		
	760	EL FASHER																	
	770	GENEINA	00	0	50	01	1	4	As, Cs	14.2		24	18	22		64	0		
S. SÛDÂN	840	MALAKÂL	90	2	20	02	2	7	Ac, As	13.6		25	21	23		79	dr		
	880	WÂU	00	0	20	01	2	6	Ac	12.2		25	23	21		89	0.1		
	941	JUBA	00	0	24	02	2	7	Sc, Cs	12.7		25	12	21		45	0		

At 1200 on 11 th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
62300	SALLOÛM	20	14	18	03	0	1	Sc, cu	10.5	26	17	58
303	SÎDI BARRÂNI	360	8	18	02	0	0	—	10.6	26	16	55
306	MATRÛH (A)	330	13	16	01	0	1	cu	10.7	26	18	62
309	EL DAB'AA	360	13	20	00	0	0	—	10.1	25	17	61
319	ALEXANDRIA	360	11	20	01	1	1	Sc	9.8	25	17	61
318	ALEXANDRIA (A)	340	12	12	02	0	2	cu, ci	9.5	26	18	62
330	DAMIETTA	20	5	20	03	0	3	cu	9.4	26	18	62
333	PORT SA'ÎD (A)	10	9	18	02	0	1	Sc, AC	8.8	27	20	66
336	EL 'ARISH											
339	DAMANHÛR	360	2	10	02	1	5	cu	9.3	28	19	58
342	MANṢÛRA	360	3		03	1	6	cb	8.6	29	18	52
348	ṬANṬA	270	1	20	03	2	5	cu	9.4	29	18	52
360	SHEBÎN EL KÔM	340	5	20	01	1	3	cu	7.9	29	15	43
354	ZAGAZIG	140	1	20	03	1	6	Sc	8.6	30	21	59
438	Abu SUEIR	00	0	15	02	0	3	cu	8.4	30	14	38
366	CAIRO (A)	260	6	16	02	0	3	cu	8.0	29	14	40
372	CAIRO ALMÂZA (A)	310	6	25	02	0	3	cu, Sc	8.3	30	12	33
374	CAIRO EZBEKÎYA											
375	GIZA	310	6	10	01	0	3	cu	8.4	29	16	46
378	ḤELWÂN	290	5	10	02	1	4	cu	8.0	29	12	35
381	FAYOÛM	360	4	20	03	1	2	cu, Sc	8.3	30	16	43
387	MINYA (A)	310	9	12	03	0	1	ci	8.0	34	5	16
393	AṢYOÛT (A)	260	11	20	02	0	0	—	7.4	35	4	14
399	NAG' HAMÂDI	00	0	10	01	0	2	Ac	8.3	36	10	20
402	QENA	290	6	20	00	0	0	—	8.4	34		
405	LUXOR (A)	240	4	22	02	0	0	—	7.1	37	2	11
414	ASWÂN	280	10	15	02	0	0	—	7.1	37	-3	8
417	SÎWA	290	7	15	02	0	0	—	9.8	32	10	26
420	BAḤARÎYA											
423	FARAFRA	320	5	20	02	0	0	—	9.7	34	6	18
432	DAKHLA	290	15	15	02	0	0	—	9.8	36	7	17
435	KHARGA	310	2	18	02	0	0	—	7.7	37	8	17
450	SUEZ	00	0	50	03	0	4	Cu	9.0	30	19	52
459	TÔR											
462	HURGHÂDA	120	12	22	02	0	2	Sc, cu	7.0	30	20	55
465	QUSEIR	90	6	20	02	0	0	—	7.6	30	19	52
641	PORT SÛDÂN	70	12	20	02	0	1	AC	6.8	34	23	53
600	WÂDI HALFA	360	3	20	03	0	2	Ac	8.3	37	7	16
640	ABU ḤAMAD	310	13	20	07	0	1	cu, Ac	5.3	39	7	14
660	KAREIMA	60	2	21	01	0	0	—	5.4	41	-2	7
680	'ATBARA	260	3	20	03	0	5	Ac, ci	5.0	41	-1	7
721	KHARTOÛM											
730	KASSALA	230	3	20	02	1	3	cu, AC	5.0	37	14	25
751	WÂD MEDANI	240	3	20	03	2	6	cu, AC	7.4	34	19	41
801	RENK											
802	ROSEIRES	00	0	20	02	2	8	Sc	8.1	34	20	
771	EL OBEID	00	0	20	11	—	7	cu, AC	6.3	35	15	30
760	EL FASHER	130	7	40	03	2	8	cu, Ac, Cc	5.2	36	20	40
770	GENEINA	220	8	50	02	2	7	cu, Ac, Cc	10.0	31	16	41
840	MALAKÂL	280	2	20	21	6	7	cu, AC	10.3	29	22	66
880	WÂU	270	3	20	02	2	7	AC, AS	10.1	29	11	33
941	JUBA	00	0	24	01	2	6		9.2	31	21	55

At 1800 on 11 th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8 *	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	[illegible]	[illegible] 12 hrs mms
62300	SALLOÛM	360	7	12	02	0	0	—	10.1	23	17	27	-2	69	0
303	SÎDI BARRÂNI	00	0	16	02	0	0	—	10.0	22	20	26		84	0
306	MATRÛH (A)	310	2	16	02	0	0	—	10.3	22	18	26		78	0
309	EL DAB'AA	340	12	20	00	0	0	—	10.1	22	18	26		78	0
319	ALEXANDRIA	360	10	20	03	0	2	cu	9.6	22	19	27	-1	83	0
318	ALEXANDRIA (A)	360	7	12	01	0	0	—	9.1	23	18	27	-1	74	0
330	DAMIETTA	360	5		01	1	1	cu	9.1	24	19	27	-1	74	0
333	PORT SA'ÎD (A)	10	9	18	02	0	1	Sc	8.7	23	19	28	0	79	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	01	1	1	cu	9.4	23	18	28	-4	74	0
342	MANṢÛRA	20	3		00	0	0	—	9.0	24	17	31	-3	65	0
348	ṬANṬA	310	6	20	02	0	0	—	8.8	23	18	30	-4	74	0
360	SHEBÎN EL KÔM	320	5	10	01	1	1	cu	7.9	24	18	31		74	0
354	ZAGAZIG	360	1	10	02	0	0	—	7.9	25	20	31	-3	74	0
438	Abu SUEIR	20	11	10	01	0	0	—	8.0	25	18	31		65	0
366	CAIRO (A)	360	12	12	02	0	0	—	8.3	25	17	31		61	0
372	CAIRO ALMÂZA (A)	360	13	12	02	0	0	—	8.3	26	17	33	-2	58	0
374	CAIRO EZBEKÎYA											33	-2		
375	GIZA	310	7	10	01	0	0	—	8.6	26	17	30	-5	58	0
378	ḤELWÂN	340	5	10	01	1	1	cu	8.0	26	18	30	-4	62	0
381	FAYOÛM	360	4	20	02	1	2	cu, Sc	7.6	27	16	33	-3	52	0
387	MINYA (A)	00	0	8	02	0	1	cu	7.7	26	12	35	-1	42	0
393	AṢYOÛT (A)	00	0	12	02	0	0	—	8.1	28	8	36	-1	27	0
399	NAG' HAMÂDI														
402	QENA	00	0		00	0	0	—	7.7	29		35	-5		0
405	LUXOR (A)	00	0	12	02	0	0	—	6.7	31	7	38		22	0
414	ASWÂN	340	4	12	02	0	0	—	7.5	34	-8	39	-2	6	0
417	SÎWA	300	8	14	02	0	1	Sc, cu	8.4	30	10	33	-4	29	0
420	BAḤARÎYA														
423	FARAFRA	320	2	12	02	0	0	—	10.0	28	4	34		22	0
432	DAKHLA	340	9	10	02	0	0	—	9.4	31	8	37	-2	24	0
435	KHARGA	00	0	12	02	0	0	—	7.6	31	7	37	-2	22	0
450	SUEZ	360	2	10	01	0	1	cu	8.0	28	11	32	-3	52	0
459	TÔR														
462	HURGHÂDA	140	9	10	02	0	0	—	6.9	26	23	32	+2	64	0
465	QUSEIR	180	7	20	02	0	0	—	7.8	27	19	32	-1	62	0
641	PORT SÛDÂN	350	5	20	01	0	1	AC	8.3	29	24	35		74	0
600	WÂDI HALFA	320	4	20	01	0	0	—	7.6	33	7	39		20	0
640	ABU ḤAMAD	320	2	22	01	0	0	—	7.0	32	-1	40		12	0
660	KAREIMA	00	0	21	02	0	0	—	6.4	35	5	41		15	0
680	'ATBARA														
721	KHARTOÛM	260	9	20	13	2	6	cb, Ac, ci	6.1	35	16	41		32	0
730	KASSALA	00	0	20	03	1	7	Ac, Ci	5.8	32	10	39		20	0
751	WÂD MEDANI											37			
801	RENK														
802	ROSEIRES											36			
771	EL OBEID	270	7	20	13	2	7	cb, AC	8.6	29	17	36		49	0
760	EL FASHER	110	24	7	07	9	6	cb, AC	7.8	27	19	38		62	1
770	GENEINA											33			
840	MALAKÂL	110	8	20	13	2	7	cb, AC	12.0	25	21	31		79	dr
880	WÂU	40	2	20	13	2	8	cb, AC	10.3	26	24	30		89	
941	JUBA	230	1	24	13	1	3		9.7	25	22	32		84	0

SHIP REPORTS in code

Time									
1200	33354	22912	00409	98020	13024	00900	36705		
1200	33331	26412	02903	98020	11327	00900	25400		
1800	33244	26118	00102	99020	07228	00900	75410		
1800	33327	27918	03205	98020	10723	00900	25602		
1800	33346	24818	20406	98020	10824	11508	36582		
0600	43319	31006	40000	98020	10423	41400	25210	00021	100X0
0600	43270	33406	02909	99020	08327	00900	75312	00023	12921
0600	43348	28706	33312	99030	10026	32541	25710	00622	13321

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo(A)		Aswan		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6		12-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	7	360	17	300	18	320	10	360	16	70	6	340	3	330	3	70	1	20	10	80	22
600 m.	20	15	360	17	290	18	320	18	360	16	40	3	300	4	360	7			40	12	60	11
1000 m.	350	10	330	16	290	15	310	17	330	12	340	4	330	7	340	13	290	8	30	12	10	8
1500 m.	310	10	320	8	270	16	300	13	290	14	290	16	360	10	320	19	320	15	330	4	350	4
2100 m.	290	12	250	11	260	10	300	11	300	21	300	15	350	10	310	16	290	21	330	4	40	2
2400 m.	290	16	260	15					260	19	300	17	320	10	310	18	280	20	350	6	320	2
3000 m.	300	13							240	20			290	10			270	23				
4000 m.	330	12															280	19				
5000 m.	310	13																				
6000 m.	310	21																				

STATION	Matruh		Abu Sueir		Aswan		Hurghada		P. Said		Minya		Siwa		Alex.(A)		Abu Sueir		Asyout		Siwa	
DATE	12-6		12-6		12-6		12-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6	
TIME	2300		2300		2300		2300		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	9	60	4	360	14	320	18	190	4	30	9	110	20	330	7	320	5	310	10	200	9
600 m.	40	9	330	4	350	18	320	13	250	5	60	4	180	12	320	10	330	8	310	9	270	13
1000 m.	30	7	330	9	320	11	330	14	290	5	150	3	130	4	320	10	320	9	300	10	270	12
1500 m.	80	5	340	21	280	13	00	0			80	4	360	3	310	12			290	17	140	3
2100 m.	330	4	270	7	260	17	300	7			110	4	350	13	310	10			270	3	260	4
2400 m.	320	7	270	8			290	7			120	3	320	8	300	9			250	7	330	4
3000 m.	280	12	260	27									340	15	320	7					350	14
4000 m.													310	33	280	20					340	22
5000 m.													310	36	290	22						
6000 m.															300	27						

STATION	Salloum		Asyout		Aswan		Hurghada		S. Barrani		Luxor		Aswan		Farafra		Dakhla		Kharga		Hurghada	
DATE	13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	120	4	190	4	10	8	330	10	300	7	300	3	330	7	250	15	350	19	40	8	40	10
600 m.	100	6	200	8	10	19	320	11	300	7	330	3	320	5	240	14	360	5	280	10	10	12
1000 m.	110	5	250	3	10	13	300	10	290	5	330	3	280	8	240	24	350	4	310	5	350	10
1500 m.	180	2	290	9	360	9	320	16			350	6	250	12	240	16					280	11
2100 m.	310	6	320	15			320	10			310	9	280	7	250	20					280	20
2400 m.	310	3	320	28							310	21	270	9	240	23					280	28
3000 m.			320	27							280	17										
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	13-6																			
TIME	1200																			
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	33																		
1000 mb.	106	33		280	3															
950 mb.																				
900 mb.																				
850 mb.	1527	16		320	6															
800 mb.																				
700 mb.	3131	4		280	10															
600 mb.																				
500 mb.	5807	-9		280	25															
400 mb.	7497	-22		280	46															
300 mb.	9543	-38		260	46															
200 mb.	12220	-43		250	69															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are Heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 13th June, 195 7

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) – during preceding hour not at time of observation
22	Snow	not falling as shower (s) – during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) – during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) – during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm – decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm – no change	during preceding hour
32	Slight or moderate duststorm or sandstorm – increased	during preceding hour
33	Severe duststorm or sandstorm – decreased	during preceding hour
34	Severe duststorm or sandstorm – no change	during preceding hour
35	Severe duststorm or sandstorm – increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Summer weather, mild by day, fine by night. Low clouds, increasing near the coast during day & in the early morning. Moderate NWly winds, fresh at times.

In Upper Egypt: Hot weather especially in the south. Clear sky. Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / Sunset 16 57 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 12th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	20	10	18	02	0	0	—	9.3	28	16	49
	303	SÎDI BARRÂNI	350	9	18	02	0	0	—	9.7	26	17	58
	306	MATRÛH (A)	360	13	16	02	0	1	Sc	10.2	27	16	52
	309	EL DAB'AA	340	14	20	00	0	0	—	9.9	27	16	52
	319	ALEXANDRIA	310	12	20	01	1	1	cu	10.4	25	19	70
	318	ALEXANDRIA (A)	320	10	12	02	2	5	cu	10.3	27	19	62
	330	DAMIETTA	20	2	20	03	1	3	cu	9.8	27	19	62
	333	PORT SA'ÎD (A)	20	8	20	02	0	2	cu	9.3	28	20	62
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	2	10	01	1	3	cu	9.6	31	17	43
	342	MANSÛRA	140	3		03	1	6	cu	9.0	31	17	43
	348	TANTA	310	5	20	01	1	3	cu	9.6	30	18	49
	360	SHEBÎN EL KÔM	340	5	20	00	0	0	—	8.4	30	14	38
	354	ZAGAZIG	320	1	20	01	0	1	As	7.9	31	19	49
	433	Abu Süeir	330	8	20	03	0	3	cb	8.6	32	10	26
Cairo Area	366	CAIRO (A)	180	3	16	03	0	3	cu	8.6	31	13	33
	372	CAIRO ALMÂZA (A)	290	8	15	03	0	4	cu	8.8	31	12	31
	374	CAIRO EZBEKÎYA											
	375	GIZA	320	8	10	03	0	3	cu	9.2	30	17	46
	378	HELWÂN	320	2	10	03	1	3	cu	8.6	30	11	31
Upper Egypt	381	FAYOÛM	360	4	20	02	0	2		9.4	32	14	34
	387	MINYA (A)	350	10	10	02	0	1	cu	8.6	34	9	22
	393	ASYOÛT (A)	310	12	22	02	0	1	cu	9.0	34	9	22
	399	NAG' HAMÂDI	00	0	10	01	0	2	AC	8.6	36	13	25
	402	QENA	290	6	20	00	0	0	—	8.3	34		
	405	LUXOR (A)	250	10	22	02	0	0	—	6.9	38	5	13
	414	ASWÂN	280	6	15	02	0	0	—	6.3	40	-10	4
Oases	417	SÎWA	230	4	10	02	0	0	—	8.4	36	9	19
	420	BAHARÎYA	130	3	15	02	0	1	cu	8.9	34	20	44
	423	FARAFRA	20	3	20	02	0	0	—	10.5	35	1	12
	432	DAKHLA	320	8	22	02	0	0	—	10.4	35	9	20
	435	KHARGA	00	0	10	02	0	0	—	8.0	36	10	20
Red Sea	450	SUEZ	00	0	50	03	0	6	cu	8.3	32	18	43
	459	TÔR											
	462	HURGHÂDA	60	10	22	02	0	1	cu	7.3	30	19	52
	465	QUSEIR	40	5	20	02	0	0	—	7.7	29	14	40
	641	PORT SÛDÂN	90	9	20	03	1	4	AC	7.7	35	21	44
North Sudan	600	WÂDI HALFA	300	12	10	02	0	0	—	7.5	36	6	15
	640	ABU HAMAD	290	9	20	02	0	1	AC	6.1	40	-6	5
	660	KAREIMA	330	3	21	01	0	1	ci	5.5	41		
	680	'ATBARA	230	2	20	03	1	5	cu, AC	5.6	41	-5	5
	721	KHARTOÛM	240	4	20	02	2	2	Sc, AC				
	730	KASSALA	10	2	20	01	1	2	cu	5.5	39	15	24
Central Sudan	751	WÂD MEDANI	250	4	20	17	2	7	cu, AC	6.9	37	16	29
	801	RENK	230	5	20	02	1	4		9.3	36		
	802	ROSEIRES	230	5	20	02	2	5	cu	7.0	35	21	44
	771	EL OBEID	110	3	20	02	2	7	cb, AC	6.7	36	15	29
	760	EL FASHER	100	10	50	03	2	7	cu, AC, CS	7.4	35	15	30
	770	GENEINA	290	5	50	03	1	4	cb, cs	8.4	33	15	34
S. Sûdân	840	MALAKÂL	270	2	20	17	2	5	cb, ci	9.0	33	22	53
	880	WÂU	00	0	20	03	2	7	cu, cs	9.4	33	21	50
	941	JUBA	00	0	24	02	1	5	cu	9.2	31	21	55

Ship reports in code (1200):

43322	297 12	327 05	99020	10 524	318 00
43226	374 12	034 05	99020	089 31	000 00
43324	303 12	626 04	98022	101 24	625 00
43345	305 12	321 05	99030	099 26	305 43
43273	342 12	207 05	99020	676 28	216 00
43328	286 12	133 09	98020	094 25	307 01

At 1800 on 12th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	12	02	0	0	—	13.3	23	18	29	0	74	0
303	SÎDI BARRÂNI	60	2	16	02	0	0	—	9.6	23	21	26		89	0
306	MATRÛH (A)	00	0	14	02	0	0	—	10.2	22	19	28		83	0
309	EL DAB'AA	360	6	20	00	0	0	—	10.0	23	18	28		74	0
319	ALEXANDRIA	40	12	20	01	0	0	—	10.2	23	20	29	+1	84	0
318	ALEXANDRIA (A)	10	6	12	02	0	0	—	9.1	23	20	27	-1	84	0
330	DAMIETTA	320	2		00	1	0	—	9.5	24	18	28	0	69	0
333	PORT SA'ÎD (A)	10	6	18	02	0	1	Sc	9.6	23	20	29	+1	84	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	10.2	22	19	31	-1	83	0
342	MANSÛRA	360	3		00	6	0	—	9.3	23	17	34		79	25
348	TANTA	310	2	20	02	0	0	—	9.6	24	19	32	-2	74	0
360	SHEBÎN EL KÔM														
354	ZAGAZIG														
433	Abu Süeir	360	6	8	01	0	0	—	9.6	24	19	32		74	0
366	CAIRO (A)	360	4	12	01	8	0	—	9.5	25	18	32		65	4
372	CAIRO ALMÂZA (A)	20	9	14	02	0	0	—	9.2	27	14	33	-2	45	0
374	CAIRO EZBEKÎYA											34	-1		
375	GIZA	40	8	8	01	8	0	—	9.4	27	13	32	-3	42	dr.
378	HELWÂN	360	6	10	01	1	1	Sc, ac	9.1	27	16	31	-3	52	0
381	FAYOÛM	360	6	20	03	1	3	ac, Sc	8.4	29	14	34	-2	40	0
387	MINYA (A)	00	0	8	01	0	0	—	8.1	29	12	34	-2	35	0
393	ASYOÛT (A)	00	0	10	02	0	0	—	8.6	30	10	34	-3	29	0
399	NAG' HAMÂDI	00	0		01	0	1	AC	9.1	27	16	36	-2	52	0
402	QENA	00	0		00	0	0	—	8.6	28		35	-6		0
405	LUXOR (A)	320	1	12	02	0	0	—	8.1	31	9	38		26	0
414	ASWÂN	340	4	10	02	0	0	—	7.3	35	-5	41	0	8	0
417	SÎWA	00	0	15	02	0	1	ci	8.2	31	10	36	-1	28	0
420	BAHARÎYA														
423	FARAFRA	00	0	12	02	0	0	—	10.0	30	9	36		27	0
432	DAKHLA	20	4	15	02	0	0	—	9.9	31	9	36	-3	26	0
435	KHARGA	00	0	10	02	0	0	—	8.0	30	9	37	-2	27	0
450	SUEZ	360	2	10	01	0	0	—	8.3	27	17	34	-1	55	0
459	TÔR														
462	HURGHÂDA	00	0	12	01	0	0	—	7.5	27	22	32	+2	74	0
465	QUSEIR	00	0	20	02	0	0	—	8.1	27	19	31	-2	62	0
641	PORT SÛDÂN	00	0	20	01	1	2		8.3	29	23	37		70	0
600	WÂDI HALFA	320	6	20	02	0	0	—	6.9	34	8	41		20	0
640	ABU HAMAD	340	5	20	02	0	1	AC	6.5	34	-7	41		7	0
660	KAREIMA	00	0	21	02	0	1	AC	6.1	33	9	42		23	0
680	'ATBARA	00	0	20	02	2	5	AC	5.7	37	0	42		10	0
721	KHARTOÛM	180	2	20	02	2	6	AC, AS	5.7	37	15	41		27	0
730	KASSALA	00	0	20	03	0	3	AC	6.4	31	11	40		29	0
751	WÂD MEDANI	140	12	20	13	9	7	cb, AC, Cs	8.8	29	18	38		52	1
801	RENK														
802	ROSEIRES														
771	EL OBEID	00	0	20	13	2	6	cb, AC	6.3	32	15	37		36	0
760	EL FASHER														
770	GENEINA	270	2	11	95	9	8	cb, Ac	14.8	23	19	36		79	4
840	MALAKÂL	280	4	20	01	2	7	AC, CS	8.5	28	24	33		79	0
880	WÂU	00	0	20	01	1	1	ac	7.9	29	23	33		70	0
941	JUBA	00	0	24	13	1	5	cb, AC, ci	8.8	27	24			84	0

Ship reports in code (1800):

43342	32 118	525 10	99021	100 23	524 41	254 00	05120
43327	27 818	000 00	98020	105 23	009 00	264 00	00020

At 0600 on THURSDAY 13th JUNE, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	00	0	18	02	0	0	—	10.2	-1.9	24	20	19	0	79	0	260	
303	SÎDI BARRÂNI	220	1	18	00	0	0	—	10.7		23	18	17		74	0	257	
306	MATRÛH (A)	00	0	16	02	0	0	—	11.2	-1.8	27	16	15		52	0	270	
309	EL DAB'AA	00	0	10	00	0	0	—	11.6		22	19	16		83	0	208	
319	ALEXANDRIA	270	3	20	03	0	2	Cu	11.2	-1.7	24	19	20	0	74	0	284	186
318	ALEXANDRIA (A)	290	2	12	01	2	5	cu, Sc	10.9	-1.4	24	20	18	-2	79	0	256	138
330	DAMIETTA	200	2	10	00	0	0	—	10.8	-0.8	23	19	18	-2	79	0	243	106
333	PORT SA'ÎD (A)	320	1	12	01	0	2	Sc	10.5	-1.5	26	18	22	0	62	0		
336	EL 'ARISH																	
339	DAMANHÛR	330	2	10	02	0	0	—	10.6	-1.6	23	20	18	0	84	0	140	101
342	MANSÛRA	90	3		00	0	0	—	10.7	-1.2	24	19	18	-1	74	25	104	55
348	TANTA	00	0	20	02	0	0	—	10.5	-1.8	22	19	17	0	83	0	92	44
360	SHEBÎN EL KÔM	20	2	10	00	0	0	—	10.3	-1.8	25	20	19		74	0	68	
354	ZAGAZIG	00	0	10	02	0	0	—	10.3	-1.8	25	19	19	+1	70	0	53	27
433	Abu Süeir	00	0	15	02	0	0	—	11.1		27	18	20		58	0		
366	CAIRO (A)	00	0	5	02	0	0	—	11.0		20	19	19		74	4	59	
372	CAIRO ALMÂZA (A)	330	2	10	02	0	0	—	10.6	-1.6	26	18	20	0	62	0	60	
374	CAIRO EZBEKÎYA										25	18	20	0	65	0	43	26
375	GIZA	00	0	6	05	—	0	—	11.1	-0.8	25	19	19	+2	70	dr	58	26
378	HELWÂN	00	0	6	02	0	0	—	10.8	-1.0	25	17	20	0	61	0	36	29
381	FAYOÛM	00	0	20	02	0	0	—	11.5	-0.1	29	17	20	+1	49	0	16	8
387	MINYA (A)	230	3	8	02	0	0	—	10.4	-1.6	28	17	19	0	52	0	10	
393	ASYOÛT (A)	310	2	12	02	0	0	—	10.9	+0.2	26	10	22	+1	37	0	dr	
399	NAG' HAMÂDI	00	0		01	0	2	AC	11.1	+1.9	25	10	16	-4	39	0	1	
402	QENA	00	0	10	00	0	0	—	10.4	+1.5	28		20	-3		0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	10.0	+1.1	32	11	20		28	0	0	
414	ASWÂN	00	0	12	02	0	0	—	10.0	+1.0	31	8	22	-4	24	0	8	
417	SÎWA	190	7	16	02	0	1	ci	9.6	-4.0	26	10	20	+1	37	0	27	8
420	BAHARÎYA	100	4	10	01	1	1	Ci	11.0	-1.6	28	19	21	+2	58	0	2	7
423	FARAFRA	40	2	15	02	0	0	—	12.3		26	4	19		25	0	dr	
432	DAKHLA	00	0	20	02	0	0	—	12.0	+0.9	27	9	20	-2	33	0	1	
435	KHARGA	00	0	10	02	0	0	—	10.4	-0.7	30	13	17	-6	35	0	6	
450	SUEZ																45	17
459	TÔR																	13
462	HURGHÂDA	330	9	20	02	0	0	—	9.5	+0.6	28	18	20	-3	55	0	0.4	
465	QUSEIR	340	9	20	02	0	0	—	10.1	+1.5	29	16	23	-3	46	0	dr	4
641	PORT SÛDÂN	00	0	20	03	0	2	AC	8.3		35	13	23		27	0		
600	WÂDI HALFA	00	0	20	02	0	0	—	10.5		27	7	25		28	0		
640	ABU HAMAD	00	0	22	02	0	0	—	9.6		30	-5	22		10	0		
660	KAREIMA	00	0	21	02	0	0	—	9.4		30	2	24		17	0		
680	'ATBARA																	
721	KHARTOÛM	230	5	20	03	1	6	AC, ci	8.7		33	17	27		38	0		
730	KASSALA	180	4	20	02	0	1	AC	9.5		31	16	26		41	0		
751	WÂD MEDANI	200	6	20	01	2	5	AC	10.9		31	17	25		43	1		
801	RENK																	
802	ROSEIRES																	
771	EL OBEID	230	10	20	02	2	6	Ac	9.7		29	18	24		52	0		
760	EL FASHER																	
770	GENEINA	90	1	50	02	2	6	Ac, cs	14.4		23	19	21		79	8		
840	MALAKÂL	00	0	20	01	2	2	AC	11.		27	23	23		79	0		
880	WÂU																	
941	JUBA																	

SHIP REPORTS in code

Ship reports in code (0600):

53256	356 06	032 02	99020	092 28	000 00	742 06	051 25	1XXXX

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6		13-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	20	8	340	12	330	18	340	18	360	10	30	10	340	10	10	8	340	7	10	30	70	31
600 m.	350	16	330	11	340	33	330	16	290	13	10	10	330	14	330	12	320	8	20	29	90	28
1000 m.	330	14	340	10	330	19	320	19	280	13	10	7	330	12	320	14	330	10	30	20	60	13
1500 m.	220	14	320	13	340	14	320	23	280	15	280	10	330	10	300	19	300	16	360	5	300	14
2100 m.	230	25			330	10			300	16	300	12	330	13	270	28			330	17	300	25
2400 m.									300	14	290	18	330	13	320	19			320	23	310	20
3000 m.									290	19	290	19	330	22	350	26			300	32	340	28
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	13-6		13-6		13-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	40	7	50	10			280	8	230	4	100	8	110	19	310	12	260	17	10	10	300	17
600 m.	40	9	20	7	350	20	310	9	270	4	50	9	120	16	310	12	260	18	20	17	320	5
1000 m.	10	5	350	12	10	17	310	13	320	10	30	7	80	6	320	10	260	21	360	43	300	12
1500 m.	360	4	320	9	340	16	320	13	300	20	340	15	350	8			280	24			310	11
2100 m.			290	15	310	19	330	13			330	23	330	26			280	16			320	24
2400 m.			290	23	270	19							330	29			300	10			320	22
3000 m.			310	16	320	23											310	7			320	19
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Aswan		Salloum		S. Barrani		Matruh		Assyout		Luxor		Aswan		Baharia		Hurghada	
DATE	14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
800 m.	40	2	60	4	350	8	10	6	320	13	320	19	330	22	320	20	320	11	320	7	360	22
600 m.	70	6	350	8	50	12	20	6	310	15	320	21	330	28	350	8	330	4	270	3	340	17
1000 m.	10	6	330	11	60	7	50	5	300	20	300	16	320	33	310	9	320	12	280	13	360	19
1500 m.	340	14	320	13	350	6			300	14			320	17	320	3	330	13	250	5	290	21
2100 m.					310	14									320	7	280	8	260	10		
2400 m.															320	9	20	8	240	8		
3000 m.																	350	6	280	20		
4000 m.																			280	30		
5000 m.																			270	22		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	14-6																					
TIME	1130																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED		
Surface	70	33																				
1000 mb.	106	32																				
950 mb.																						
900 mb.																						
850 mb.	1531	17																				
800 mb.																						
700 mb.	3156	9		310	20																	
600 mb.																						
500 mb.	5847	-10		290	23																	
400 mb.	7530	-22		290	29																	
300 mb.	9579	-36		280	43																	
200 mb.	12290	-53		280	54																	

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 14th JUNE, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of	shallow fog less than 2 m. on land or 10 m. on sea
12	Continuous	shallow fog less than 2 m. on land or 10 m. on sea
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less*
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot weather during day, except on coast, especially to the east. Patches of low cloud on Lower Egypt and Cairo. Light to moderate NW'ly winds.

In Upper Egypt: Clear sky. Too hot weather, specially south of Luxor.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / " " Sunset 16 57 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 13th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	10	4	18	02	1	7	st, ci	11.7	28	18	55
	303	SÎDI BARRÂNI	350	10	18	02	2	5	ci	11.8	26	19	66
	306	MATRÛH (A)	10	14	16	03	6	4	cu, cs	11.8	27	18	58
	309	EL ḌAB'AA	360	9	20	00	0	0	—	11.9	27	16	52
	319	ALEXANDRIA											
	313	ALEXANDRIA (A)	340	11	12	01	0	0	—	12.1	27	20	66
	330	DAMIETTA	140	2	20	02	0	0	—	11.2	29	17	49
	333	PORT SA'ÎD (A)	20	5	20	02	0	1	Sc	11.3	28	20	62
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	2	20	01	0	3	cu	11.4	30	21	59
	342	MANṢÛRA	00	0		01	0	2	cu	11.1	31	17	43
	348	ṬANṬA	270	1	20	01	1	1		11.0	32	19	46
	360	SHEBÎN EL KÔM	40	5	20	00	0	0	—	10.3	31	15	38
	354	ZAGAZIG	40	1	20	02	0	0	—	10.9	32	14	34
	438	Abu Sueir	220	7	20	02	0	1	cu	10.6	32	11	28
Cairo Area	366	CAIRO (A)	280	5	18	03	0	3	cu, cs	10.6	32	13	32
	372	CAIRO ALMÂZA (A)	250	7	20	03	0	3	ci	10.3	33	12	28
	374	CAIRO EZBEKÎYA											
	375	GIZA											
	378	ḤELWÂN	320	6	10	03	1	4	cu, ci	10.7	32	9	24
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	10.8	34	13	29
	387	MINYA (A)	30	5	10	03	0	2		9.1	36	4	13
	393	AṢYOÛṬ (A)											
	399	NAG' ḤAMÂDI	00	0	10	01	0	3	AC	9.0	38	11	19
	402	QENA											
	405	LUXOR (A)	270	2	22	02	0	0	—	8.4	38	2	11
	414	ASWÂN	340	10	16	02	0	0	—	8.1	39	1	9
Oases	417	SÎWA	310	14	16	02	0	1	ci	10.4	37	3	12
	420	BAḤARÎYA	30	3	15	02	0	1	ci	9.6			
	423	FARAFRA	260	1	20	02	0	0	—	10.1	38	5	13
	432	DAKHLA	280	10	22	03	0	1	ci	10.3	39	11	18
	435	KHARGA	270	2	15	02	0	0	—	8.8	39	10	17
Red Sea	450	SUEZ											
	459	ṬÔR											
	462	HURGHÂDA	310	7	20	02	0	0	—	8.7	31	21	55
	465	QUSEIR	30	8	20	02	0	0	—	9.4	30		
	641	PORT SÛDÂN	80	9	20	02	0	1	AC	7.5	37	13	24
North Sudan	600	WÂDI ḤALFA	350	8	20	02	0	0		9.1	40	12	19
	640	ABU ḤAMAD	310	9	22	02	0	0	—	6.4	40	3	7
	660	KAREIMA	360	2	21	02	0	0	—	6.7	41	1	7
	680	'AṬBARA											
	721	KHARṬOÛM	270	3	20	02	2	7	cu, cs	5.3	41	10	16
	730	KASSALA	270	3	20	03	0	7	AC, cs	5.0	40	12	19
Central Sudan	751	WÂD MEDANI	70	3	20	17	2	7	cu, AC	5.9	39	11	18
	801	RENK											
	802	ROSEIRES	310	2	20	02	1	3	cu	5.0	38	17	29
	771	EL OBEID											
	760	EL FASHER	110	10	40	03	1	5	cu, ci	6.0	37	14	25
	770	GENEINA											
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 13th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	10	02	2	5	ci	12.1	23	20	29	0	84	0
303	SÎDI BARRÂNI	00	0	14	02	2	6	ci	11.7	23	19	27		79	0
306	MATRÛH (A)	00	0	14	02	2	5	ci	12.5	23	17	28		69	0
309	EL ḌAB'AA	360	2	20	00	0	3	ci	12.0	23	18	28		74	0
319	ALEXANDRIA	360		20		0	1	Sc	13.0	23	20	27	-1	84	0
313	ALEXANDRIA (A)	360	10	12	01	2	4	ci	12.8	23	20	27	-1	84	0
330	DAMIETTA	320	5		02	0	1	cu	11.8	24	21	29	+1	84	0
333	PORT SA'ÎD (A)	340	11	18	03	0	1	cu	11.9	24	21	30	+2	84	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	12.3	24	19	31	-1	74	0
342	MANṢÛRA	20	3		00	0	0	—	12.2	26	18			62	0
348	ṬANṬA	310	7	20	02	0	0	—	12.4	27	19			62	0
360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	11.6	26	18	33		62	0
354	ZAGAZIG	320	1	10	02	0	0	—	11.6	28	19	33	-1	58	0
438	Abu Sueir	350	15	10	02	0	0	—	11.9	27	18	34		58	0
366	CAIRO (A)	360	14	10	02	0	0	—	11.7	28	20	33		62	0
372	CAIRO ALMÂZA (A)	320	14	12	02	0	1	cu	10.9	30	14	34	-1	38	0
374	CAIRO EZBEKÎYA											33	-2		
375	GIZA														
378	ḤELWÂN														
381	FAYOÛM	360	2	20	02	0	0	—	10.2	30	13	36	0	35	0
387	MINYA (A)	10	5	8	01	0	0	—	9.2	28	14	36	0	42	0
393	AṢYOÛṬ (A)	00	0	12	02	0	0	—	9.3	33	8	37	0	21	0
399	NAG' ḤAMÂDI	00	0		01	0	1		9.4	28	15	39	+1	45	0
402	QENA	00	0		00	0	0	—	9.3	31		38	-3		0
405	LUXOR (A)	310	1	12	02	0	0	—	8.5	33	6	39		19	0
414	ASWÂN	330	4	10	02	0	0	—	8.4	34	2	40	-1	13	0
417	SÎWA	360	8	14	02	0	1	ci	10.2	32	6	38	+1	20	0
420	BAḤARÎYA	340	2	11	02	0	0	—	11.1	31	17	38	+2	43	0
423	FARAFRA														
432	DAKHLA	320	12	12	02	0	0	—	9.9	34	9	40	+1	22	0
435	KHARGA	00	0	10	02	1	0	—	8.2	28	13	40	+1	40	0
450	SUEZ	40	3	10	01	0	0	—	10.3	29	17	31	-4	49	0
459	ṬÔR														
462	HURGHÂDA	250	5	10	02	0	8		8.7	30	12	32	+2	33	0
465	QUSEIR	00	0	20	02	0	0	—	9.7	30	13	31	-2	35	0
641	PORT SÛDÂN	330	1	20	02	0	1	AC	8.3	30	22	38		62	0
600	WÂDI ḤALFA	10	7	20	02	0	0	—	8.3	34	11	41		25	0
640	ABU ḤAMAD	310	5	22	02	0	0	—	6.8	34	4	40		9	0
660	KAREIMA	40	5	21	02	0	0	—	6.1	37	9	43		18	0
680	'AṬBARA	10	3	20	02	0	1	AC	5.4	35	2	43		12	0
721	KHARṬOÛM	10	5	20	01	2	6	AC, cs	5.1	37	9	43		18	0
730	KASSALA	00	0	20	02	2	7	cs	5.6	31	8	41		24	0
751	WÂD MEDANI	00	0	20	13	2	7	cb, AC, cs	6.2	33	13	41		30	0
801	RENK											38			
802	ROSEIRES											39			
771	EL OBEID	230	7	20	02	2	7	AC, AS	8.8	28	18	36		55	0
760	EL FASHER	130	5	40	03	1	7	AC, AS	5.8	35	13	39		27	0
770	GENEINA	270	1	24	21	8	7	cb, AS	10.1	27	20	34		66	0.3
840	MALAKÂL	10	10	20	13	9	7	cb, AC, ci	10.5	27	21	35		70	dr
880	WÂU											35			
941	JUBA	200	3	24	03	2	7	AC, cs	8.6	27	21	33		70	0

At 0600 on FRIDAY 14th JUNE, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud *Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOÛM	00	0	18	02	0	0	—	12.9	+0.3	25	18	19	0	65	0	260	
303	SÎDI BARRÂNI	280	6	18	00	0	1	Sc	12.6		24	20	18		79	0	257	
306	MATRÛH (A)	290	8	16	02	0	0	—	12.7	-0.2	25	13	15		48	0	270	
309	EL ḌAB'AA	270	1	10	00	0	0	—	124		23	20	17		84	0	208	
319	ALEXANDRIA	270	6	20	02	0	1	cu	12.8	0.0	24	19	21	0	74	0	284	186
313	ALEXANDRIA (A)	260	9	12	02	0	3	Sc	12.4	+0.2	26	20	18	-2	70	0	256	138
330	DAMIETTA	220	2	10	00	0	0	—	11.6	+0.1	23	20	18	-2	84	0	243	106
333	PORT SA'ÎD (A)	230	7	15	03	0	2	Sc, ci	11.3	-0.6	26	20	22	-1	70	0		
336	EL 'ARISH																	
339	DAMANHÛR	230	2	10	02	0	0	—	12.2	+0.1	25	19	18	0	70	0	140	101
342	MANṢÛRA	00	6		00	0	0	—	11.9	+0.1	24	20	18	-1	79	0	104	55
348	ṬANṬA	00	0	20	02	0	0	—	12.1	-0.2	22	20	17	0	89	0	92	44
360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	11.5	-0.6	23	20	20		84	0	68	
354	ZAGAZIG	00	0	10	02	0	0	—	11.8	-0.3	24	21	19	+1	84	0	53	27
438	Abu Sueir	00	0	10	03	0	3	cu	12.1		25	20	20		74	0		
366	CAIRO (A)	290	1	12	02	0	7	cu	12.0		24	19	21		74	0	59	
372	CAIRO ALMÂZA (A)	320	4	14	03	0	2	St	11.9	-0.2	25	19	20	0	70	0	60	
374	CAIRO EZBEKÎYA										24	18	20	0	69	0	43	26
375	GIZA															0	58	26
378	ḤELWÂN															0	36	29
381	FAYOÛM	00	0	20	[illegible]	0	0	—	11.6	+0.1	27	19	21	+2	62	0	16	8
387	MINYA (A)	330	1	10	02	0	0	—	11.2	-0.7	27	18	19	0	58	0	10	
393	AṢYOÛṬ (A)	00	0	14	02	0	0	—	11.8	+1.2	29	12	23	+2	35	0	dr	
399	NAG' ḤAMÂDI	00	0		01	0	2	AC	11.2	+2.1	29	12	21	+1	35	0	1	
402	QENA	00	0	10	00	0	0	—	10.7	+1.9	30		23	0		0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	9.9	+1.1	39	11	22		26	0	0	
414	ASWÂN	00	0	12	02	0	0	—	9.9	+1.0	31	4	22	-4	18	0	8	
417	SÎWA	80	5	15	02	0	0	—	12.5	-1.0	27	10	20	+1	35	0	27	8
420	BAḤARÎYA	00	0	15	02	0	0	—	12.6	+0.1	30	19	21	+2	52	0	2	7
423	FARAFRA	180	1	15	02	0	0	—	13.7		29	8	23		27	0	dr	
432	DAKHLA	00	0	15	02	0	0	—	12.7	+1.6	31	10	22	0	28	0	1	
435	KHARGA	330	3	12	02	0	0	—	10.4	+0.8	31	12	21	-2	31	0	6	
450	SUEZ	20	2	20	00	0	0	—	11.0	0.0	26	16			55	0	45	17
459	ṬÔR																	13
462	HURGHÂDA	330	8	20	02	0	0	—	9.5	+0.7	28	18	20	-3	55	0	0.4	
465	QUSEIR	350	10	20	02	0	0	—	10.8	+2.3	30	19	26	0	52	0	dr	4
641	PORT SÛDÂN	350	13	20	01	0	0	—	7.9		32	25				0		
600	WÂDI ḤALFA	00	0	20	02	0	0	—			29	10				0		
640	ABU ḤAMAD																	
660	KAREIMA	80	2	21	03	0	1	ci	9.1		31	5	25		19	0		
680	'AṬBARA	10	11	13	07	2	7	cs	7.5		32	2	24		15	0		
721	KHARṬOÛM	350	3	20	03	2	7	cs	6.7		32	3	25		16	0		
730	KASSALA	190	5	20	01	2	2	ci	7.4		31	10	20		28	0		
751	WÂD MEDANI	270	9	20	02	2	7	cs	8.0		33	16	25		36	0		
801	RENK	180	2	20	02	1	4	AC	12.2		26	22	22		79	3		
802	ROSEIRES	310	2	20	02	2	7	AC	10.8		26	20	23		70	0		
771	EL OBEID	290	7	20	02	2	7	AC, cs	9.1		29	19	23		55	0		
760	EL FASHER	130	1	50	01	1	7	AC, cs	10.1		28	20	23		62	2		
770	GENEINA	200	4	50	01	2	4	ci	12.3		26	20	24		70	0.3		
840	MALAKÂL	180	19	20	21	6	8	cb, AS	13.7		23	19	21		79	dr		
880	WÂU	270	3	20	02	1	5	AC	11.2		25	22	23		84	0		
941	JUBA	230	2	24	02	9	7	cb, AC	12.9		23	22	21		94	27		

SHIP REPORTS in code

Time	Code groups
1200	53269 34912 03402 98020 10228 00000
1800	53336 27518 02810 97020 12623 00000 76400
1800	53320 30918 23204 98020 12525 22300 00422
1800	53349 22918 40511 99020 13523 32402 25712
0600	63273 34206 03107 98020 11126 00900 35301 00022 13111
0600	63242 36306 00002 98000 10229 00900
0600	63335 27506 12702 98020 12124 00902 26400 00322 13421
0600	63341 25006 03214 98020 12924 00900 25XXX 00517 132XX
0600	63249 35706 03209 98000 09228 00900 76217 00122 132X0
0600	63340 31306 63310 99031 16024 65400 00122 1281X

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Aswan		Alex.(A)		P.Said		Minya		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6		14-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	22	340	15			300	18	320	24	20	15	320	10	300	12	330	5	20	27	30	14
600 m.	360	19	320	21	350	19	300	17	310	25	10	19	330	14	320	17	310	9	20	21	30	13
1000 m.	10	12	340	11	340	23	300	18	300	24	10	19	330	17	300	12	310	8	360	13	350	13
1500 m.	350	25	310	18	330	23	300	20	290	26			330	13	290	17	340	5	320	9	280	12
2100 m.	310	17	290	23			280	27	280	26			320	13	300	23	270	10	270	16	310	17
2400 m.	310	24					280	24	300	25			320	22	290	20	260	10	270	20	320	27
3000 m.													320	36	280	31	240	17			310	30
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Aswan		Alex.(A)		P.Said		Asyout		Siwa		Alex.(A)		P.Said		Minya		Siwa	
DATE	14-6		14-6		14-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	13	40	5	340	23	300	14	230	10	220	2	40	15	290	24	240	11	320	10	310	10
600 m.	350	14	350	7	340	31	310	23	230	5	50	6	40	16	310	29	240	8	300	10	320	3
1000 m.	340	17	300	7	340	33	310	20	280	9	80	6	30	18	310	31	260	17	300	13	320	5
1500 m.	360	23	290	10	340	21	310	27	250	5	320	17	360	16			250	45			340	13
2100 m.			280	28	340	10	300	21	250	11	330	24	310	28							310	20
2400 m.			270	28			290	17	270	14	320	28	320	31								
3000 m.							300	17			300	28										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Aswan		Hurghada		Salloum		S.Barrani		Matruh		Aswan		Dakhla		Kharga		Abu Suwir	
DATE	15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	13	290	4			340	12	340	33	310	32	310	15	360	10	330	10	310	9	240	13
600 m.	320	19	220	9	20	16	320	20	320	17	320	30	310	18	340	6	320	12	290	7	260	11
1000 m.	320	17	300	7	350	15	340	27	320	27	320	26	300	17	340	17	300	7	350	4	260	21
1500 m.	300	29	280	10	290	14	310	10							320	12	300	7			270	27
2100 m.	300	25	270	17	340	23	320	14							330	23					270	30
2400 m.			260	33	350	20	340	16							340	23						
3000 m.					360	23	340	6														
4000 m.							290	24														
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	15-6																			
TIME	1200																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	33																		
1000 mb.	88	32		250	9															
950 mb.																				
900 mb.																				
850 mb.	1511	17		280	15															
800 mb.																				
700 mb.	3120	5		270	37															
600 mb.																				
500 mb.	5787	-11		270	42															
400 mb.	7466	-23		260	46															
300 mb.	9507	-38		260	52															
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Saturday 15th June, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm — decreased / no change / increased
33, 34, 35 Severe duststorm or sandstorm — decreased / no change / increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 Shower (s) of soft hail with or without rain or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No apparent change in temperature. Normal summer weather in Lower Egypt & Cairo. Some low clouds early morning. Moderate NW'ly winds.

In Upper Egypt: Hot weather. Mainly clear. Light N/NW'ly winds.

WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 . . 53 U T / Sunset 16 . . 58 U T

All Times are Universal Times (U.T) [Two hours slower than local time]

At 0600 on SATURDAY 15th JUNE 1957

At 1200 on 14th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	30	14	18	02	0	0	—	12.4	26	18	62
	303	SÎDI BARRÂNI	350	13	18	02	0	0	—	12.8	26	20	70
	306	MATRÛH (A)	320	20	15	02	0	0	—	12.5	28	15	45
	309	EL DAB'AA	340	12	20	00	0	0	—	12.0	28	15	45
	319	ALEXANDRIA	310	12	20	01	0	0	—	12.4	26	20	70
	318	ALEXANDRIA (A)	330	12	12	02	0	0	—	12.0	28	20	62
	330	DAMIETTA	320	13	20	02	0	0	—	12.4	28	20	67
	333	PORT SA'ÎD (A)	340	14	20	02	0	0	—	10.8	26	21	74
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	330	5	20	02	0	0	—	11.2	31	19	49
	342	MANSÛRA	320	5	4	01	0	2	cu	10.6	33	16	38
	348	TANTA	270	5	20	01	1	1	cu	11.8	32	9	24
	360	SHEBÎN EL KÔM	20	5	20	00	0	0	—	11.4	31	13	33
	354	ZAGAZIG	220	1	20	02	0	0	—	10.0	32	18	43
	438	ABU SUEIR	280	10	20	03	0	1	cu	10.2	33	12	28
CAIRO AREA	366	CAIRO (A)	320	6	20	02	0	1	ci	10.2	33	12	28
	372	CAIRO ALMÂZA (A)	320	10	20	03	0	1	ci	10.4	34	12	27
	374	CAIRO EZBEKÎYA											
	375	GIZA	320	3	10	02	0	0	—	104	32	13	32
	378	HELWÂN	320	10	10	02	0	0	—	10.0	33	5	17
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	10.3	35	12	25
	387	MINYA (A)	20	10	10	02	0	0	—	9.7	35	8	19
	393	ASYOÛT (A)	00	0	20	02	0	0	—	9.4	34	8	20
	399	NAG' HAMÂDI	00	0		01	0	3	AC	9.8	37		
	402	QENA	290	6	20	00	5	0	—	8.4	37		
	405	LUXOR (A)	300	10	22	02	0	0	—	7.8	38	1	10
	414	ASWÂN	360	10	15	02	0	0	—	7.4	39	0	9
OASES	417	SÎWA	300	10	16	02	0	0	—	11.1	36	4	13
	420	BAHARÎYA	340	6	12	02	0	0	—	9.9	38	20	35
	423	FARAFRA	360	3	20	02	0	0	—	10.9	38	0	9
	432	DAKHLA	350	5	22	02	0	0	—	10.3	38	14	24
	435	KHARGA	20	8	20	02	0	0	—	8.8	38	11	19
RED SEA	450	SUEZ	20	3	50	03	0	1	cu	9.8	33	15	34
	459	TÔR											
	462	HURGHÂDA	20	11	22	02	0	0	—	7.8	31	19	49
	465	QUSEIR	20	7	20	02	0	0	—	9.2	31	19	49
	641	PORT SÛDÂN	50	13	20	02	0	0	—	0.8	35	18	37
NORTH SUDAN	600	WÂDI HALFA	320	5				0	—	6.0	41	14	20
	640	ABU HAMAD	340	5	22	02	0	1	ci	4.0	41	-2	7
	660	KAREIMA	350	7	21	02	1	3	ci	4.8	41	1	8
	680	'ATBARA											
	721	KHARTOÛM	10	5	20	01	2	5	cs	3.7	42	3	9
	730	KASSALA	10	2	20	03	1	7	cs	2.2	42	-1	7
CENTRAL SUDAN	751	WÂD MEDANI	50	4	20	01	1	2	cu,cs	4.2	41	-2	7
	801	RENK											
	802	ROSEIRES	310	5	20	02	2	3	cu	6.0	35	19	39
	771	EL OBEID	70	7	20	02	2	7	cu,Ac,cs	5.2	38	7	15
	760	EL FASHER	80	3	50	02	1	5	cb,cc	5.6	37	11	20
	770	GENEINA	210	4	50	02	1	2	cb,ci	8.0	35	14	29
S. SÛDÂN	840	MALAKÂL	310	3	20	01	2	7	Ac,As	10.6	27	21	70
	880	WÂU			20	03	1	6	cu,cs	9.1	31	22	59
	941	JUBA											

At 1800 on 14th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	350	12	10	02	0	0	—	12.6	25	16	29	-1	58	0
303	SÎDI BARRÂNI	330	11	16	02	0	0	—	11.9	23	20	26		84	0
306	MATRÛH (A)	200	5	15	02	0	0	—	11.6	23	19	29		79	0
309	EL DAB'AA	340	2	20	00	0	0	—	11.1	23	20	29		84	0
319	ALEXANDRIA	360	10	20	02	0	0	—	11.1	23	20	27	-1	84	0
318	ALEXANDRIA (A)	340	10	12	02	0	0	—	10.5	24	20	29	+1	79	0
330	DAMIETTA	320	5		02	0	0	—	10.8	25	19	29	+1	70	0
333	PORT SA'ÎD (A)	320	12	18	02	0	0	—	10.2	25	19	31	+3	70	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	10.7	24	18	31	-1	69	0
342	MANSÛRA	40	2		00	0	0	—	10.7	25	17	32	-2	61	0
348	TANTA	310	6	20	02	0	0	—	10.6	27	19	33	-1	62	0
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	10.7	26	15	33		51	0
354	ZAGAZIG	40	2	10	02	0	0	—	10.0	26	16	33	-1	55	0
438	ABU SUEIR	340	15	10	01	0	0	—	10.2	27	14	35		45	0
366	CAIRO (A)	340	7	14	02	0	0	—	10.4	27	14	33		45	0
372	CAIRO ALMÂZA (A)	340	10	12	02	0	0	—	10.1	28	13	34	-1	40	0
374	CAIRO EZBEKÎYA											35	0		
375	GIZA	340	4	8	01	0	0	—	10.3	27	16	34	-1	52	0
378	HELWÂN	360	6	4	02	0	0	—	9.9	28	13	33	-2	40	0
381	FAYOÛM	360	4	20	02	0	0	—	9.5	30	13	36	0	35	0
387	MINYA (A)	00	0	8	02	0	0	—	8.5	27	12	36	-1	40	0
393	ASYOÛT (A)	00	0	12	02	0	0	—	8.7	31	9	37	0	26	0
399	NAG' HAMÂDI	00	0		01	0	3	AC	9.1	27	16	39	+1	52	0
402	QENA	320	2		00	0	0	—	9.6	34		38	-3		0
405	LUXOR (A)	300	4	12	02	0	0	—	6.8	33	6	39		19	0
414	ASWÂN	340	10	10	02	0	0	—	6.3	35	0	40	-1	11	0
417	SÎWA	360	10	14	03	0	1	Sc,cu	9.7	34	2	38	0	13	0
420	BAHARÎYA	360	2	10	02	0	0	—	10.0	30	6	38	+2	22	0
423	FARAFRA	360	2	12	02	0	0	—	10.4	32	13	39		32	0
432	DAKHLA	350	11	8	02	0	0	—	9.9	34	11	39	-1	25	0
435	KHARGA	00	0	10	02	0	0	—	8.1	33	7	38	-1	20	0
450	SUEZ	20	3	10	01	0	0	—	9.5	29	20	35	0	59	0
459	TÔR														
462	HURGHÂDA	300	9	10	02	0	0	—	7.3	29	16	34	+3	46	0
465	QUSEIR	360	4	20	02	0	0	—	8.2	29	14	32	-1	40	0
641	PORT SÛDÂN	340	5	20	02	0	0	—		30	23	37		66	0
600	WÂDI HALFA	30	8	20	02	0	0	—	6.2	36	12	42		24	0
640	ABU HAMAD	360	5	22	02	0	2	ci	4.8	35	0	42		11	0
660	KAREIMA	00	0	21	02	1	1	ci	5.2	35	6	42		16	0
680	'ATBARA	350	4	20	01	0	1	ci	4.0	35	2	43		12	0
721	KHARTOÛM	330	7	20	01	1	0	—	3.9	36	9	43		19	0
730	KASSALA	00	0	20	02	2	7	cs	4.1	30	7	43		24	0
751	WÂD MEDANI	00	0	20	01	0	0	—	4.5	32	8	43		22	0
801	RENK											36			
802	ROSEIRES														
771	EL OBEID	180	3	20	01	0	2	ci	5.0	33	15	40		34	0
760	EL FASHER	150	5	40	01	2	4	AC	4.8	34	11	39		25	0
770	GENEINA	210	3	50	13	2	6	cb,ac,ci	7.6	29	15	36		43	0
840	MALAKÂL	270	3	20	01	2	0	—	10.7	26	21	30		74	0
880	WÂU											32			9
941	JUBA	150	1	50	01	2	4	Sc,Ac	10.6	24	21	25		84	1

At 0600 on Saturday 15th June 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Diff from normal mb	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	300	25	18	07	0	0	—	12.1	-0.5	26	15	20	+1	51	0	260	
303	SÎDI BARRÂNI	310	17	18	00	0	0	—	11.2		24	20	19		79	0	257	
306	MATRÛH (A)	290	16	16	02	0	0	—	10.6	-2.2	24	19	19		74	0	270	
309	EL DAB'AA	270	12	10	00	0	0		10.2		25	17	18		61	0	208	
319	ALEXANDRIA	310	12	20	03	0	1	cu	9.8	-2.9	24	19	21	0	74	0	284	186
318	ALEXANDRIA (A)	270	11	14	03	0	4	Sc	9.6	-2.6	25	19	19	-1	70	0	256	138
330	DAMIETTA	200	2		03	1	3	cu	9.5	-1.9	22	19	17	-3	83	0	243	106
333	PORT SA'ÎD (A)	250	7	10	02	0	1	Sc	9.2	-2.6	25	19	21	-2	70	0		
336	EL 'ARISH																	
339	DAMANHÛR	260	2	10	01	0	1	ci	9.9	-2.1	24	19	18	0	74	0	140	101
342	MANSÛRA	40	3		00	0	0	—	9.8	-2.0	24	19	18	-1	74	0	104	55
348	TANTA	220	1	20	02	0	0	—	10.2	-2.0	22	19	17	-1	83	0	92	44
360	SHEBÎN EL KÔM	340	2	10	01	1	1	cu	9.8	-2.2	23	20	19		84	0	68	
354	ZAGAZIG	320	1	10	02	0	0	—	8.8	-3.2	25	18	20	+2	65	0	53	27
438	ABU SUEIR	00	0	10	02	0	0	—	9.7		25	17	18		61	0		
366	CAIRO (A)	270	2	12	02	0	0	—	9.6		24	18	20		69	0	59	
372	CAIRO ALMÂZA (A)	290	4	15	02	0	0	—	9.6	-2.5	24	18	20	0	69	0	60	
374	CAIRO EZBEKÎYA										25	18	21	+1	65	0	43	26
375	GIZA	310	5	10	01	—	0	—	10.4	-1.4	24	18	19	+1	69	0	58	26
378	HELWÂN	00	0	4	05	0	0	—	10.0	-1.6	24	16	20	0	61	0	36	29
381	FAYOÛM	360	4	20	02	0	0	—	10.3	-1.2	26	16	21	+1	55	0	16	8
387	MINYA (A)	10	7	8	02	0	0	—	9.1	-2.8	26	16	18	-1	55	0	10	
393	ASYOÛT (A)	00	0	16	02	0	0	—	9.4	-1.2	28	11	23	+2	35	0	dr	
399	NAG' HAMÂDI	00	0		01	0	3	AC	9.1	+0.1	26	13	19	-1	45	0	1	
402	QENA	00	0	10	00	0	0	—	9.0	+0.2	28		21	-2		0	dr	
405	LUXOR (A)	240	1	22	02	0	0	—	8.2	-0.6	31	5	21	-1	19	0	0	
414	ASWÂN	00	0	12	02	0	0	—	8.7	-0.1	32	8	23	-3	22	0	8	
417	SÎWA	50	6	15	02	0	0	—	12.9	-0.6	25	12	21	+2	45	0	27	8
420	BAHARÎYA	20	4	15	02	0	0	—	11.1	-1.3	26	13	21	+2	45	0	2	7
423	FARAFRA	40	4	15	02	0	0	—	11.5		27	7	18		28	0	dr	
432	DAKHLA	350	2	20	02	0	0	—	11.4	+0.4	29	11	23	+1	33	0	1	
435	KHARGA	00	0	8	02	0	0	—	8.9	-0.7	29	10	20	-3	31	0	6	
450	SUEZ	330	2	20	00	0	0	—	9.5	-1.4	26	16	20	-1	55	0	45	17
459	TÔR																	13
462	HURGHÂDA	350	12	22	02	0	0	—	7.9	-0.8	28	22	22	-1	70	0	0.4	
465	QUSEIR	350	8	20	02	0	0	—	7.6	-0.8	29	21	26	0	62	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI HALFA	20	3	20	02	0	0	—	8.9		30	11	24		31	0		
640	ABU HAMAD	20	9	22	03	0	1	ci	6.7		33	2	26		14	0		
660	KAREIMA	00	0	35	02	0	1	ci	7.8		32	9	24		24	0		
680	'ATBARA																	
721	KHARTOÛM	220	8	20	01	0	5	cs	7.6		30	16	25		43	0		
730	KASSALA	210		20	02	2	7	cs	8.4		31	16			41	0		
751	WÂD MEDANI																	
801	RENK	270	3	20	02	3	3	AC			25	21	24		79	0		
802	ROSEIRES																	
771	EL OBEID	240	10	20	03	1	7	cs	9.0		27	21	24		70	0		
760	EL FASHER	00	0	35	02	2	7	Ac,cs	10.0		27	18	24		58	0		
770	GENEINA	270	3	50	01	2	5	Ac,cs	13.7		25	17			61	0		
840	MALAKÂL	250	7	20	02	2	7	Ac,As	12.5		23	21	21		89	0		
880	WÂU	230	6	20	02	1	6	cs	11		23	21	19		89	9		
941	JUBA																	

SHIP REPORTS in code.

63338	27512	02969	99020	12476	00900	25xxx	00669	63278	23718	[illegible]	98000	06628	00900	76304
63261	35012	1340X	98020	09585	00900	35808	00571	63342	29918	02809	99020	08523	00900	25704
63342	29712	72814	99022	10424	71300	65400	05520	63336	29218	02912	98050	15022	00900	25XXX
63343	28012	03320	99020	10923	00900	25710	00221	63344	28118	12820	98020	09520	10540	65400
63326	28212	02704	98020	11526	00900	26400	00524							

0600 coded: 73341 23506 03113 99020 13423 00900 65318 00119

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Luxor		Alex.(A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6		15-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	22	310	16	310	17	300	22	330	17	310	23	320	30	320	14	270	16	10	20	360	19
600 m.	310	22	300	23	310	10	310	32	310	18	310	23	340	27	300	16	280	16	10	21	360	17
1000 m.	330	26	290	17	320	12	310	30	290	23	310	20	330	28			290	13	340	10	350	18
1500 m.	320	24	270	24	320	14			270	35	300	17	330	21			260	16	270	18	320	18
2100 m.					320	11			340	23			320	23			270	21	280	21	320	17
2400 m.													320	17							320	19
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallaum		Cairo(A)		Luxor		Alex.(A)		P. Said		Minya		Siwa		Alex.(A)		P. Said		Minya		Siwa	
DATE	15-6		15-6		15-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	19	300	10	330	9	310	10	250	10	350	17	350	17	300	12	360	6	310	10	320	11
600 m.	10	15	310	8	340	14	310	10	260	7	340	15	360	11	310	14	260	12	320	16	310	20
1000 m.	360	17	290	10	330	11			260	5	300	17	360	16	310	13	250	15	340	16	310	22
1500 m.	360	22	260	20	280	12			270	12	270	26	10	17	300	17	260	8	350	19	320	48
2100 m.			250	20	290	17			250	9			340	17			280	6			330	23
2400 m.			220	27	290	25			280	9			340	19			290	10			330	17
3000 m.			260	17									340	19			290	9				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo(A)		Luxor		Sallaum		S. Barrani		Matruh		Aswan		Baharia		Farafra		Abu Simbel		Hurghada	
DATE	16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	16	260	10	320	5	340	17	300	8	310	23	300	6	180	14			280	4	10	19
600 m.	320	14	270	10	350	8	330	19	310	9	320	34	210	3	350	17	320	9	290	4	340	10
1000 m.	320	17	240	7	360	11	340	12	330	10	310	34	210	4	310	10	330	14	280	6	300	14
1500 m.			270	13	320	9	340	18			310	25	270	15	310	22	320	17	290	5		
2100 m.			270	16							310	20	270	22	310	20	300	16	280	12		
2400 m.			280	12							310	22	270	29	320	17	300	16				
3000 m.													260	31								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	16-6																			
TIME	1130																			
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	31																		
1000 mb.	96	30		300	5															
950 mb.																				
900 mb.																				
850 mb.	1503	13		310	13															
800 mb.																				
700 mb.	3113	6		270	19															
600 mb.																				
500 mb.	5784	-10		250	26															
400 mb.	7460	-23		260	30															
300 mb.	9504	-38		250	37															
200	12180	-55		230	61															

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Sunday 23 June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(01–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of
12 Continuous
(11–12: shallow fog less than 2 m. on land or 10 m. on sea)
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30, 31, 32 Slight or moderate duststorm or sandstorm (decreased / no change / increased)
33, 34, 35 Severe duststorm or sandstorm (decreased / no change / increased)
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " ,sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " ,depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain
88 or rain and snow mixed
(87–88: slight / moderate)
89 Shower (s) of hail with or without rain or
90 rain and snow mixed, not with thunder
(89–90: slight / moderate)
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Mild weather by day, fine by night. Moderate to fresh NWly winds. Much low clouds with possibility of local showers, specially near the coast.

In Upper Egypt: Normal summer weather. Few clouds. Light to moderate NWly winds.

LIBRARY WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / Sunset 16 58 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 15th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	330	20	18	02	0	0	—	12.2	30	13	35
	303	SÎDI BARRÂNI	310	22	18	02	0	0	—	11.4	26	19	66
	306	MATRÛH (A)	310	20	16	02	0	0	—	10.8	26	18	62
	309	EL DAB'AA	270	16	20	00	0	0	—	10.0	26	18	62
	319	ALEXANDRIA											
	318	ALEXANDRIA (A)	320	16	12	02	0	3	cu	9.3	28	19	58
	330	DAMIETTA	340	5	20	03	1	3	cu	9.4	27	18	58
	333	PORT SA'ÎD (A)	350	12	16	02	0	1	cu	8.5	26	20	70
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR											
	342	MANṢÛRA	320	7		01	0	3	cu	8.4	31	14	36
	348	ṬANTA	310	9	20	01	1	4	cu	8.9	31	18	46
	360	SHEBÎN EL KÔM											
	354	ZAGAZIG											
	438	ABU SUEIR	240	12	20	02	0	0	—	8.3	32	8	22
Cairo Area	366	CAIRO (A)	250	9	16	02	0	1	cu	8.7	32	6	20
	372	CAIRO ALMÁZA (A)	270	10	20	03	0	2	cu	8.3	32	6	20
	374	CAIRO EZBEKÎYA											
	375	GIZA	310	8	10	02	0	0	—	8.5	32	11	28
	378	HELWÂN	320	5	4	02	0	0	—	8.7	31	3	17
Upper Egypt	381	FAYOÛM											
	387	MINYA (A)	330	12	10	02	0	0	—	8.6	36	8	18
	393	ASYOÛT (A)	350	8	20	02	0	0	—	8.7	36	9	19
	399	NAG' HAMÂDI											
	402	QENA											
	405	LUXOR (A)	280	14	22	02	0	0	—	6.7	39	8	15
	414	ASWÂN	360	11	15	02	0	0	—	5.9	40	-2	7
Oases	417	SÎWA	340	13	15	02	0	0	—	11.2	35	4	14
	420	BAHARÎYA											
	423	FARAFRA											
	432	DAKHLA	270	11	20	02	0	0	—	9.5	39	15	24
	435	KHARGA	350	10	8	07	0	0	—	5.8	40	12	19
Red Sea	450	SUEZ											
	459	TÔR											
	462	HURGHÂDA	20	13	22	03	0	1	cu	6.1	33	13	30
	465	QUSEIR	20	8	20	02	0	0	—	7.4	31	24	66
	641	PORT SÛDÂN	120	11	20	02	0	1	ci	6.3	35	19	39
North Sudan	600	WÂDI HALFA	30	9	20	02	0	0	—	6.4	40	15	23
	640	ABU HAMAD	00	0	22	01	0	0	—	4.6	41	1	8
	660	KAREIMA	130	1	21	02	0	4	ci	4.8	41	1	8
	680	'ATBARA											
	721	KHARTOÛM	290	2	20	02	1	5	cs	4.0	41	10	16
	730	KASSALA	260	3	20	02	2	7	cs	3.1	40	11	17
Central Sudan	751	WÂD MEDANI	250	7	20	02	1	4	cu, cs	4.7	40	11	17
	801	RENK	230	9	20	02	1	4	ci	9.4	35	19	39
	802	ROSEIRES											
	771	EL OBEID	270	9	20	02	2	7	cu, cs	4.8	37	15	27
	760	EL FASHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	300	7	20	02	2	7	cb, Ac, cs	10.8	29	21	62
	880	WÂU											
	941	JUBA	270	1	24	01	1	4	cu, Ac	8.3	31	22	59

At 1800 on 15th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	320	25	12	02	0	0	—	11.9	24	17	31	+1	65	0
303	SÎDI BARRÂNI	340	16	16	02	0	0	—	11.0	23	18	27		74	0
306	MATRÛH (A)	300	17	13	02	0	1	cu	10.2	23	18	28		74	0
309	EL DAB'AA	270	10	20	00	0	4	cu	10.0	23	18	28		74	0
319	ALEXANDRIA	310	13	20	03	0	4	cu	9.8	23	20	27	-1	84	0
318	ALEXANDRIA (A)	300	12	12	03	0	4	Sc	9.2	23	18	28	0	74	0
330	DAMIETTA	320	5	10	00	0	0	—	8.7	24	20	28	-1	79	0
333	PORT SA'ÎD (A)	310	14	15	03	0	2	Sc	8.3	25	20	30	+2	74	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	9.9	25	18	31	-1	74	0
342	MANṢÛRA	340	3		00	0	0	—	8.8	25	17	31	-3	61	0
348	ṬANTA	270	5	20	02	0	0	—	9.6	25	18	32	-2	65	0
360	SHEBÎN EL KÔM	290	5	10	00	0	0	—	9.3	25	18	32		65	0
354	ZAGAZIG	320	1	10	01	1	1	AS	9.4	27	19	33	-1	62	0
438	ABU SUEIR	360	5	10	02	0	0	—	8.8	26	19	33		66	0
366	CAIRO (A)	280	9	12	02	0	0	—	9.2	26	13	33		45	0
372	CAIRO ALMÁZA (A)	280	7	12	02	0	0	—	9.0	26	13	34	-1	45	0
374	CAIRO EZBEKÎYA											34	-1		
375	GIZA	310	7	8	01	0	0	—	9.5	26	12	34	-1	42	0
378	HELWÂN	320	13	4	02	0	0	—	9.1	27	12	33	-2	40	0
381	FAYOÛM	290	4	20	02	0	0	—	8.6	28	12	35	-1	37	0
387	MINYA (A)	00	0	8	02	0	0	—	8.3	26	10	38	+2	37	0
393	ASYOÛT (A)	310	4	12	02	0	0	—	8.5	29	8	36	-1	27	0
399	NAG' HAMÂDI	00	0		01	0	1	Ac	8.3	29	16	39	+1	46	0
402	QENA	00	0		00	0	0	—	7.9	32		39	-2		0
405	LUXOR (A)	320	7	12	02	0	0	—	6.9	34	8	39		20	0
414	ASWÂN	360	8	10	02	0	0	—	6.8	35	4	41	-1	14	0
417	SÎWA	360	17	15	02	0	0	—	10.2	32	9	36	-2	24	0
420	BAHARÎYA														
423	FARAFRA	360	2	12	02	0	0	—	16.6	30	4	33		19	0
432	DAKHLA	340	4	10	02	0	0	—	9.6	34	14	40	0	30	0
435	KHARGA	330	2	8	02	0	0	—	7.3	34	9	41	+2	22	0
450	SUEZ	310	2	10	02	0	0	—	7.8	32	20	37	+2	49	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	350	4	20	02	0	0	—	7.6	31	12	33	0	31	0
641	PORT SÛDÂN	350	1	20	02	0	2	ci	7.3	30	23	37		66	0
600	WÂDI HALFA	360	9	20	02	0	0	—	7.2	35	12	42		25	0
640	ABU HAMAD	320	5	22	02	0	0	—	5.3	35	-4	42		8	0
660	KAREIMA	20	2	21	02	0	0	—	5.2	37	-2	42		8	0
680	'ATBARA	00	0	20	02	2	4	cs	3.8	36	2	43		12	0
721	KHARTOÛM	00	0	20	02	2	6	cs	4.3	36	14	42		27	0
730	KASSALA	00	0	20	01	2	0	—	4.9	31	13	41		33	0
751	WÂD MEDANI	00	0	20	01	1	3	ci	5.0	34	11	41		25	0
801	RENK											36			
802	ROSEIRES														
771	EL OBEID	200	3			2	2	ci		33	15	38		34	0
760	EL FASHER	90	2	40	12	0	7	Ac, Cs	5.3	34	5	39		16	0
770	GENEINA	280	4	50	13	1	8	Cb, Cs	8.3	31	14	36		36	0
840	MALAKÂL	270	4	20	02	2	7	cs	10.2	26	22	31		79	0
880	WÂU	00	0	20	01	1	0	—	8.6	29	23	33		70	0
941	JUBA	00	0	24	13	2	3	cb, ci	8.6	26	23	33		84	0

At 0600 on SUNDAY 16th JUNE, 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Diff from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	330	12	18	02	0	0	—	12.4	-0.1	24	18	20	+1	69	0	260	
303	SÎDI BARRÂNI	320	15	18	00	0	0	—	11.6		23	19	21		77	0	257	
306	MATRÛH (A)	320	18	16	03	1	5	cu	11.3	-1.5	24	17	22		65	0	270	
309	EL DAB'AA	270	18	10	00	0	4	Ac	10.2		24	18	21		69	0	268	
319	ALEXANDRIA																284	186
318	ALEXANDRIA (A)	340	10	12	02	2	6	Sc	9.1	-3.0	25	20	22	+2	74	0	256	138
330	DAMIETTA	200	2		03	0	1	Ac	9.4	-1.9	22	19	18	-2	83	0	243	106
333	PORT SA'ÎD (A)	260	12	12	01	1	1	cu	9.1	-2.6	24	18	21	-2	69	0		
336	EL 'ARISH																	
339	DAMANHÛR	260	2	4	01	1	3	cu	9.5	-2.3	24	18	19	+1	69	0	140	101
342	MANṢÛRA	40	3		03	1	5	cu	9.5	-2.2	25	18	18	-1	65	0	104	55
348	ṬANTA	220	3	20	01	1	1	cu	9.4	-2.8	23	19	18	0	79	0	92	44
360	SHEBÎN EL KÔM	320	2	10	01	1	2	cu	9.4	-2.5	24	19	20		74	0	68	
354	ZAGAZIG	220	1	10	03	1	4	cu	9.1	-2.7	25	18	20	+2	65	0	53	27
438	ABU SUEIR	260	8	12	03	0	3	cu	10.2		24	16	20		61	0		
366	CAIRO (A)	240	5	10	02	2	5	cu	10.2		24	17	20		65	0	55	
372	CAIRO ALMÁZA (A)	230	5	12	03	0	5	cu, Sc	10.6	-1.4	24	17	21	+1	65	0	60	
374	CAIRO EZBEKÎYA										25	18	20	0	65	0	43	26
375	GIZA	270	6	10	03	—	5	cu	10.7	-1.0	24	18	18	0	69	0	58	27
378	HELWÂN	00	0	10	03	1	4	cu	10.4	-1.1	23	16	18	-2	65	0	36	29
381	FAYOÛM	[illegible]	6	20	[illegible]	1	4	cu, Sc	11.1	-0.3	25	18	19	-1	65	0	16	8
387	MINYA (A)	360	7	10	[illegible]	0	0	—	10.6	-1.2	25	13	18	-1	48	0	10	
393	ASYOÛT (A)	310	4	12	02	0	0	—	10.6	+0.1	26	10	20	-1	37	0	dr	
399	NAG' HAMÂDI	00	0	[illegible]	01	0	3	Ac	10.2	+1.3	25	13	20	0	48	0	1	
402	QENA	00	0	[illegible]	00	0	0	—	9.5	+0.7	30		21	-2		0	dr	
405	LUXOR (A)	00	0	[illegible]	02	0	0	—	8.9	+0.2	31	6	21		21	0	0	
414	ASWÂN	360	7	11	05	0	0	—	9.2	+0.5	31	6	24	-2	21	0	8	
417	SÎWA	350	[illegible]	15	02	0	0	—	14.2	+0.7	23	17	20	+1	69	0	27	8
420	BAHARÎYA	350	5	14	02	0	0	—	11.6	-0.7	24	16	20	+1	61	0	2	7
423	FARAFRA	360	4	15	02	0	0		12.8		26	8	21		32	0	dr	
432	DAKHLA	[illegible]	8	12	02	0	0	—	11.8	+0.8	29	10	23	+1	31	0	1	
435	KHARGA	0	0	10	02	0	0	—	9.0	-0.5	30	12	20	-3	33	0	6	
450	SUEZ	360	2	20	00	0	0	—	9.6	-1.2	24	18	20	-1	69	0	45	17
459	TÔR																	13
462	HURGHÂDA	310	14	20	02	0	0	—	8.3	-0.3	30	13	23	0	35	0	0.4	
465	QUSEIR	40	8	20	02	0	0	—	8.6	+0.3	31	12	25	-1	31	0	dr	4
641	PORT SÛDÂN																	
600	WÂDI HALFA																	
640	ABU HAMAD																	
660	KAREIMA																	
680	'ATBARA																	
721	KHARTOÛM																	
730	KASSALA																	
751	WÂD MEDANI																	
801	RENK	120	5	20	02	2	5	Ac	11.5		28	21	25		66	0		
802	ROSEIRES	130	5	20	02	1	3	Ac	10.5		30	18			49	0		
771	EL OBEID																	
760	EL FASHER																	
770	GENEINA	280	4	50	01	1	2	ci	12.8		25	18	21		65	0		
840	MALAKÂL	230	2	20	03	2	5	Ac	11.0		26	22	23		79	0		
880	WÂU	220	2	20	02	0	2	ci	11.0		26	22	23		79	0		
941	JUBA	180	2	20	60	2	7	Sc, Ac, As	13.7		22	20	22		89	dr		

SHIP REPORTS in code.

7315	41912	22605	98020	06233	00089	73271	34418	03004	99020	06228	00900	76362
7324	36012	03409	98000	07632	00900	73337	24718	23414	98020	13622	00905	25400

13331	26506	23409	97020	12423	26700	35400	00117	134XX
13343	21706	13209	98020	16523	00902	25305	06219	13221
13326	30606	73018	98032	09474	79XXX	742XX	05468	13022
13243	36206	03405	98020	08730	00900	76215	00422	13221
13380	17106	10119	98020	11822	00905	36301	00215	10134
13321	30206	53209	98021	08723	52300	76524	00019	13022

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Aswan		Alex (A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6		16-6	
TIME	1700		1700		1700		1700		1700		1700		17[illegible]		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	12	320	11	300	17	320	16	350	10	10	7	340	20	320	9	350	3	20	17	350	8
600 m.	350	12	320	14	300	24	340	15	320	15	20	6	340	19	330	4	310	2	10	20	330	7
1000 m.	320	10	310	16	300	14	350	14	300	11	20	10	340	29	360	4	270	8	350	10	290	7
1500 m.	340	22			310	16	320	17	250	7	350	10	330	24	330	9	200	7	240	3	310	20
2100 m.					340	21	300	22	220	7	340	19	340	23	320	11	180	7	280	8	300	26
2400 m.					360	9	300	29	220	10	340	18			320	13	200	8	0	11	300	25
3000 m.							300	35	200	6	340	42			280	13			270	14		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo (A)		Luxor		Alex (A)		P. Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	16-6		16-6		16-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	340	11	10	7	330	14	360	10	30	13	20	8	50	12	340	8	20	7	330	9	20	4
600 m.	340	10	280	4	350	18	350	5	10	7	10	8	60	7	360	6	350	4	350	8	30	4
1000 m.	350	8	290	6	320	19			10	5	360	7	10	4	340	8	330	6	340	7	20	6
1500 m.			280	15	270	13							340	17			320	10	340	1	350	11
2100 m.					260	21							320	19			310	17			360	7
2400 m.					260	26							310	17			310	32			360	6
3000 m.					260	19							320	14			290	23			330	8
4000 m.													310	16								
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo (A)		Aswan		Sallum		Matruh		Asyuan		Luxor		Asyout		Baharia		Dakhla		Kharga	
DATE	17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	10	30	3	70	7	20	16			330	11	330	3	320	7	290	5	330	24	340	6
600 m.	350	8	90	4	40	16	10	10			330	11	300	4	330	13	230	7	360	8	340	6
1000 m.	360	3	350	8	20	17	10	11	360	3	350	4	310	10	320	11	280	9	350	14	20	6
1500 m.	20	15			60	12			50	5	265	8	290	12	300	11	260	7	340	15	340	14
2100 m.	350	15			30	17					200	18	290	17	290	10	250	18			260	26
2400 m.					60	10					220	31	270	15	280	12						
3000 m.											260	31	290	17	290	8						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.																					
DATE	17-6																					
TIME	11 30																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	30																		
1000 mb.	115	29		330	3															
950 mb.																				
900 mb.																				
850 mb.	1525	14																		
800 mb.																				
700 mb.	3135	4																		
600 mb.																				
500 mb.	5800	-12		230	31															
400 mb.	7470	-24		230	45															
300 mb.	9503	-38		230	46															
200 mb.	12210	-51		220	74															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 17th June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Mild weather by day, fine by night. Moderate N/NW'ly winds, freshening slightly in the afternoon. Moderate amounts of medium clouds during day, clearing by night, and increasing again in the early morning in the north. In Upper Egypt: Hot weather. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 53 U.T. / Sunset 16 58 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Salloum	20	15	18	02	0	0	—	12.7	26	17	58
Sidi Barrani	330	15	18	02	0	1	Cu	12.4	24	18	69
Matruh (A)	320	15	16	01	0	2	Cu	12.2	25	17	61
El Dab'aa	310	20	20	00	0	0	—	11.5	25	17	61
Alexandria	310	14	20	03	0	3	Sc	11.1	26	20	70
Alexandria (A)	320	14	12	02	2	5	Cu	10.4	26	20	70
Damietta	340	5	20	02	0	1	Cu	9.6	27	19	62
Port Said (A)	20	9	22	02	0	1	Sc	9.4	28	19	58
El Arish											
Damanhur	260	5	10	01	0	3	Cu	9.5	28	12	37
Mansura	360	5	4	03	1	5	Cb	9.0	31	18	46
Tanta	310	12	20	03	2	5	Cu	10.0	30	20	55
Shebin el Kom	290	5	20	01	1	2	Cu	9.9	31	17	43
Zagazig	220	1	20	03	1	6	Sc	9.6	31	21	55
Abu Sueir	320	6	20	02	0	3	Cu	9.0	30	13	35
Cairo (A)	260	4	18	01	2	4	Cu	8.9	30	14	38
Cairo Almaza (A)	260	6	20	02	2	5	Cu	9.0	32	15	36
Cairo Ezbekiya											
Giza	310	6	10	03	0	5	Cu	10.0	31	17	43
Helwan	00	0	4	02	1	5	Cu	9.5	31	12	31
Fayoum	290	4	20	02	1	4	Cu,Sc	9.8	32	18	43
Minya (A)	350	8	10	02	0	1	Cu	10.0	32	12	30
Asyout (A)	330	8	16	02	0	0	—	9.8	33	4	16
Nag Hamadi	00	0	4	00	0	0	—	9.3	34	12	27
Qena	290	6	20	00	5	0	—	8.4	35		
Luxor (A)	320	16	18	02	0	0	—	8.0	37	5	13
Aswan	360	6	6	05	0	0	—	6.7	40	0	8
Siwa	340	14	16	02	0	1	Cu	12.3	33	8	21
Dahariya	350	4	15	03	0	2	Cu	10.3	31	12	31
Farafra	360	4	20	02	0	0	—	11.9	32	9	24
Dakhla	330	11	18	02	0	0	—	11.0	35	15	30
Kharga	310	7	15	02	0	0	—	8.5	37	12	22
Suez	160	2	50	03	0	5	Cu	8.6	32	18	43
Tor											
Hurghada	350	15	22	02	0	0	—	7.0	32	15	36
Quseir	10	7	20	02	0	0	—	8.2	31	20	52
Port Sudan	70	12	20	01	0	0	—	6.8	35	25	56
Wadi Halfa	350	8	20	02	0	0	—	7.4	41	16	23
Abu Hamad	340	9	20	02	0	0	—	4.4	42	-4	6
Kareima	90	2	21	02	0	1	Ci	4.5	43	-2	6
Atbara	00	0	20	02	0	0	—	3.1	42	-4	6
Khartoum	140	7	20	02	1	3	Ci	2.9	42	7	12
Kassala	00	0	20	02	0	1	Cu	2.7	41	10	16
Wad Medani	230	9	20	63	1	4	Cu,Ci	3.7	39	10	17
Renk	230	5	10	02	2	2	Cs	8.7	35	21	44
Roseires	230	5	20	02	0	3	Cu	4.4	37	18	27
El Obeid	50	5	20	02	0	2	Cb,Ci	3.7	40	9	15
El Fasher	70	2	40	03	1	3	Cu,Ci	3.9	38	9	17
Geneina	130	9	45	03	0	1	Cu	6.8	36	2	12
Malakal	270	10	20	17	2	6	Cb	9.0	32	20	49
Wau	00	0	20	03	0	4	Cu,Ci	7.0	34	21	47
Juba	200	2	24	01	2	3	Cu,Ac,Ci	8.7	30	21	59

At 1800 on 16th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Rel. Hum. %	Rain Past 12 hrs. mms.
Salloum	30	7	12	03	0	4	Sc	12.7	23	14	28	2	57	0
Sidi Barrani	360	8	16	03	0	3	Sc	12.3	22	16	26		67	0
Matruh (A)	350	9	15	01	0	1	Sc	12.4	21	16	27		74	0
El Dab'aa	360	10	20	00	0	3	Ac	12.0	22	17	26		74	0
Alexandria	360	13	20	01	0	0	—	11.5	23	20	27	-1	84	0
Alexandria (A)	340	10	12	01	2	3	Sc	10.8	23	20	27	-1	84	0
Damietta	340	5	4	02	0	1	Cu	10.3	24	20	28	-1	44	0
Port Said (A)	360	11	18	03	0	7	Sc	10.3	24	20	30	+2	78	0
El Arish														
Damanhur	360	2	10	02	0	0	—	10.2	23	20	29	-3	84	0
Mansura	340	3	1	00	0	0	—	10.4	26	18	32	2	68	0
Tanta	90	3	20	01	1	2	Cu	10.2	26	19	33	-2	71	0
Shebin el Kom	290	2	10	01	1	1	Sc	10.1	25	16	32		56	0
Zagazig	40	2	10	02	0	0	—	10.6	25	20	33	-1	74	0
Abu Sueir	360	6	8	61	0	7	Ns	10.7	25	20	31		74	dr
Cairo (A)	310	6	12	01	0	0	—	10.1	27	15	27		48	0
Cairo Almaza (A)	300	7	15	02	0	0	—	9.9	27	14	33	-2	49	0
Cairo Ezbekiya											34	-1		
Giza	310	4	10	01	0	0	—	10.3	26	17	32	-3	52	0
Helwan	320	4	4	02	0	0	—	10.3	27	12	31	-4	40	0
Fayoum	290	4	20	01	0	2	Cu,Sc	9.9	28	15	33	-3	45	0
Minya (A)	00	0	8	02	0	2	Cu	8.8	28	15	33	-3	45	0
Asyout (A)	00	0	10	02	0	0	—	9.6	29	11	33	-2	35	0
Nag Hamadi	00	0	4	01	0	2	Ac	9.9	26	16	36	-2	37	0
Qena	270	0		00		0	—	9.5	29		36	-3		0
Luxor (A)	330	4	12	02	0	0	—	8.6	32	7	35		21	0
Aswan	340	11	12	02	0	0	—	6.7	36	-1	41	-1	10	0
Siwa	360	15	14	02	0	0	—	11.6	30	8	34	-4	25	0
Dahariya	00	0	10	01	0	1	Cu	10.2	29	12	33	-3	35	0
Farafra	350	2	12	02	0	0	—	11.4	29	9	33		29	0
Dakhla	340	5	9	02	0	0	—	11.5	30	12	37	-3	33	0
Kharga	330	2	8	02	0	0	—	8.8	31	7	38	-1	22	0
Suez	00	0	10	01	0	3	Cu	8.6	29	20	33	-2	59	0
Tor														
Hurghada	280	1	10	02	0	0	—	7.7	28	14	35	[illegible]	42	0
Quseir	360	8	20	02	0	0	—	8.2	29	20	32	-1	59	0
Port Sudan	00	0	20	02	0	0	—	6.7	29	26	37		84	0
Wadi Halfa	350	7	20	02	0	0	—	6.1	37	12	43		22	0
Abu Hamad	340	13	20	02	0	0	—	4.4	36	-1	43		10	0
Kareima	40	5	21	01	0	0	—	4.4	37	-1	43		9	0
Atbara	00	0	20	02	0	0	—	3.1	36	3	43		15	0
Khartoum	360	2	20	02	1	1	Ci	3.5	37	10	43		19	0
Kassala	00	0	20	13	0	1	Cb	4.1	31	13	43		[illegible]	[illegible]
Wad Medani	00	0	20	01	1	3	Cs	3.8	34	13	41		29	[illegible]
Renk											37			
Roseires											38			
El Obeid	40	3	20	01	1	2	Ci	3.2	34	7	43		19	0
El Fasher	00	0	40	01	0	1	Ac	3.7	39	10	39		22	0
Geneina	280	2	50	01	0	0	—	6.2	31	5	36		19	0
Malakal	230	7	20	13	2	7	Cb,Cs	9.2	24	20	32		79	dr
Wau	00	0	20	13	9	6	Cb,Ac,Cs	8.5	25	23	35		89	/
Juba											31			0

At 0600 on MONDAY 17th JUNE 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km.	w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	SALLOUM	340	7	18	02	1	3	Sc	13.2	-1.2	23	18	20	+1	74	0	260	
	303	SIDI BARRANI	350	1	18	00	0	4	Sc	13.4		23	16	17		65	0	257	
	306	MATRUH (A)	320	13	16	02	2	6	Cu,Sc	13.1	+0.4	23	17	20		69	0	270	
	309	EL DAB'AA	360	7	10	00	0	3	Ac	13.0		23	16	20		65	0	208	
	319	ALEXANDRIA	[illegible]	10	20	02	0	4	Cu	13.1	+0.6	24	19	21	0	74	0	284	186
	318	ALEXANDRIA (A)	20	8	12	02	2	6	Cu,Sc	12.3	+0.3	24	19	21	+1	74	0	256	138
	330	DAMIETTA	200	2	3	03	5	6	Cu,Sc	12.2	+1.0	22	20	19	-1	89	dr	243	106
	333	PORT SAID (A)	20	5	15	02	8	7	Cu,Sc	11.7	+0.2	24	19	22	-1	74	dr		
	336	EL ARISH																	
Lower Egypt	339	DAMANHUR	360	2	4	01	1	3	Cu	12.0	+0.3	24	19	19	+1	74	0	140	101
	342	MANSURA	[illegible]	5	3	01	0	3	Cu	12.2	+0.6	23	20	20	+1	74	0	144	55
	348	TANTA	[illegible]	0	20	02	0	0	—	12.0	0.0	23	21	18	0	89	0	92	44
	360	SHEBIN EL KOM	340	2	10	01	1	2	Cu	11.5	-0.3	24	19	20		74	0	68	
	354	ZAGAZIG	[illegible]	1	10	02	0	0	—	11.6	-0.1	25	19	19	+1	70	0	53	27
	438	ABU SUEIR	220	5	12	01	1	4	Cu	12.2		24	18	21		69	dr		
Cairo Area	366	CAIRO (A)	[illegible]	0	12	03	0	3	Sc	12.2		24	18	20		69	0	59	
	372	CAIRO ALMAZA (A)	340	1	12	03	0	3	Cu	11.8	-0.2	24	18	20	0	69	0	60	
	374	CAIRO EZBEKIYA										25	18	21	+1	65	0	43	26
	375	GIZA	00	0	10	03	—	3	Cu	12.6	+0.9	24	18	19	+1	69	0	58	27
	378	HELWAN	[illegible]	[illegible]	[illegible]	03	1	1	Cu	12.0	+0.5	24	18	19	-1	69	0	36	29
Upper Egypt	381	FAYOUM	330	[illegible]	20	02	0	1	Cu,Sc	12.3	+1.0	25	19	20	0	70	0	16	8
	387	MINYA (A)	[illegible]	[illegible]	8	02	0	0	—	11.9	+0.1	25	20	19	0	74	0	10	
	393	ASYOUT (A)	340	3	14	02	0	0	—	11.8	+1.4	26	13	22	+1	45	0	dr	
	399	NAG HAMADI	00	0		01	0	1	Ac	11.4	+2.5	27	16	20	0	52	0	1	
	402	QENA	270	0	15	00		0	—	10.8	+2.3	28		20	-3		0	dr	
	405	LUXOR (A)	[illegible]	[illegible]	[illegible]	02	0	0	—	10.5	+1.9	31	11	20		29	0	0	
	414	ASWAN	50	8	16	02	0	0	—	10.4	+1.8	32	6	25	-1	20	0	8	
Oases	417	SIWA	20	[illegible]	16	02	0	0	—	13.8	+0.4	23	14	19	0	57	0	27	8
	420	DAHARIYA	40	[illegible]	10	02	0	0	—	12.3	+0.1	24	18	19	0	69	0	2	7
	423	FARAFRA	[illegible]	[illegible]	15	02	0	0	—	12.7		27	9	18		33	0	dr	
	432	DAKHLA	[illegible]	5	20	02	0	0	—	13.0	+1.1	28	12	22	0	37	0	1	
	435	KHARGA	[illegible]	1	10	02	0	0	—	10.6	+1.2	30	14	19	-4	38	0	6	
Red Sea	450	SUEZ	360	2	20	00	0	3	Cu	11.1	+0.4	25	19	21	0	70	0	45	17
	459	TOR																	13
	462	HURGHADA																0.4	
	465	QUSEIR	350	8	20	02	0	0	—	10.2	+2.0	30	15		+2	40	0	dr	4
	641	PORT SUDAN	[illegible]	5	20	02	0	2		8.7		33	22	23		53	0		
North Sudan	600	WADI HALFA	[illegible]	10	20	02	0	0	—	9.3		31	13	25		33	0		
	610	ABU HAMAD	[illegible]	5	[illegible]	02	0	0	—	7.8		34	5	26		16	0		
	680	KAREIMA	[illegible]	4	21	03	0	1		7.3		33	8	26		21	0		
	680	ATBARA	[illegible]	10	13	07	1	4	[illegible]	6.7		35	0	15		11	0		
	721	KHARTOUM	50	3	16	05	0	5	Cs	6.2		33	7	26		20	0		
	730	KASSALA	[illegible]	8	20	01	1	2	Ac,Ci	7.7		32	15	27		36	0		
Central Sudan	751	WAD MEDANI	190	16	20	01	1	3	Ac,Ci	8.5		32	19	25		46	0		
	801	RENK	180	5	20	02	1	7	Sc	12.4		27	21	25		70	0		
	802	ROSEIRES	230	5	20	02	2	8	Ac,As	8.7		27	20	25		66	0		
	771	EL OBEID	230	10	20	03	1	5	Ci	7.9		31	19	25		49	0		
	780	EL FASHER	[illegible]	0	40	02	2	7	Cs	8.3		27	8	22		30	0		
	770	GENEINA	[illegible]	[illegible]	50	01	0	3	Ci	11.4		25	19	22		70	0		
S. Sudan	840	MALAKAL	230	3	20	02	2	7	Ac,As	12.1		24	21	21		84	dr		
	880	WAU	230	6	20	02	0	2	Ac,Ci	11.3		24	19	22		74	7		
	941	JUBA	180	3	24	02	2	7	Sc,Ac	12.4		24	21	22		84	0		

SHIP REPORTS IN CODE

1200									
13331	27512	23520	98020	13222	16542	26201	13217	13404	
13208	38412	03605	99020	07887	00900				
13183	39312	03209	98026	07189					
12505	28512	13507	97020	07390	00900	86002	05277	13420	

1800								
13334	28218	40609	98020	12923	00902	25702	00217	23533
13330	25618	35515	98020	12022	11344	66708	05018	13924
13327	29418	63413	98031	11622	54302	76500	05120	13443
13271	34318	02409	98020	02528	00900	76706	00021	12421
13329	28318	43412	98022	11071	32xxx	64203	05266	13232
13318	31318	23306	98020	11474	11600	15400	05166	13311

0600								
23347	25908	13301	98020	13022	00930	26501	00217	19422
23321	30806	43302	99020	12624	42400	65217	00122	13122
23240	06306	03308	99020	10238	00800	78305	15123	12322

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Aswan		Alex (A)		P. Said		Minya		Siwa		Alex A.		P. Said		Minya		Siwa	
DATE	17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6		17-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	10	10	15	350	12	360	22	360	19	20	15	10	8	20	7	330	8	10	14	50	18
600 m.	20	9	10	11	330	8	360	20	360	19	10	10	20	6	10	5	20	10	10	18	60	16
1000 m.	30	9	10	8	350	8	360	4	360	17	10	9	360	8	330	4	30	17	360	17	80	8
1500 m.	310	13	350	8	330	7			320	7	290	10	360	12	280	4	30	1	350	22	20	5
2100 m.	300	10	350	8	310	5			270	9	330	8	360	14	270	4					320	11
2400 m.	300	8							270	12			330	11	310	5					310	13
3000 m.									240	17	270	16									10	12
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Salum		Luxor		Alex A.		P. Said		Minya		Siwa		Alex A.		P. Said		Minya		Siwa	
DATE	17-6		17-6		17-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	7	80	4	340	10	350	5	10	8	350	9	80	12	350	8	350	4	340	16	80	6
600 m.	10	10	40	12	340	12	20	9	10	9	360	13	80	8	10	8	340	5	10	8	80	4
1000 m.	20	10	40	19	330	24	40	9	350	7	10	14	350	6	10	10	330	6	320	9	80	6
1500 m.	30	10	20	8	320	12	60	7	360	9	30	16	320	11			360	10	330	10	110	10
2100 m.			40	7	320	9	70	4			360	14	350	8							320	8
2400 m.			40	6	280	9					350	19	10	9							360	4
3000 m.			50	16							350	13									10	8
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salum		Cairo(A)		Aswan		Asyout		Luxor		Salloum		S. Barani		Matruh		Aswan		Asyout		Luxor	
DATE	18-6		18-5		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	4	130	10	20	10	340	5	10	8	30	4	20	10	40	11	340	17	320	17	330	11
600 m.	40	10	140	12	10	17	330	14	30	23	50	12	30	10	40	5	330	32	320	22	340	11
1000 m.	60	12	40	10	350	16	330	7	20	20	60	12	40	5	60	7	320	47	320	20	330	13
1500 m.	10	9			340	3	300	14	330	10							110	8	320	19	320	12
2100 m.	30	4			270	14	280	25	340	14							340	19			310	18
2400 m.					260	17	280	21	290	10							70	5				
3000 m.							230	17	260	12												
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Tuesday 18th June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(00–03: during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspention
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m. on land or 10 m. on sea
12 Continuous shallow fog less than 2 m. on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms.
16 " " " near the station
17 Thunder heard, no precipitation
18 Squalls
19 Funnel cloud (s)
(18–19: within sight during past hour)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(20–24: not falling as shower (s))
25 Shower (s) of rain
26 " of snow, or of rain and snow
27 " " hail, " " " " hail
28 Fog
29 Thunderstorm with or without precipitation
(25–29: during preceding hour not at time of observation)
30 Slight or moderate duststorm or sandstorm — decreased
31 — no change
32 — increased
33 Severe duststorm or sandstorm — decreased
34 — no change
35 — increased
(30–35: during preceding hour)
36 Slight or moderate drifting snow
37 Heavy " "
(36–37: low)
38 Slight or moderate " "
39 Heavy " "
(38–39: high)
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " , " not "
(42–43: has become thinner during preceding hour)
44 " , " discernible
45 " , " not "
(44–45: no change during preceding hour)
46 " , " discernible
47 " , " not "
(46–47: has begun or become thicker during last hour)
48 " depositing rime, sky discernible
49 " , " " " not "
50 Drizzle, not freezing, intermittent
51 " " " continuous
(50–51: slight)
52 " " " intermittent
53 " " " continuous
(52–53: moderate)
54 " " " intermittent
55 " " " continuous
(54–55: thick)
56 " , freezing, slight
57 " " , moderate or thick
58 " and rain, slight
59 " " " , moderate or heavy
60 Rain, not freezing intermittent
61 " " " continuous
(60–61: slight)
62 " " " intermittent
63 " " " continuous
(62–63: moderate)
64 " " " intermittent
65 " " " continuous
(64–65: heavy)
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " " moderate or heavy
70 Intermittent fall of snow flakes
71 Continuous " " "
(70–71: slight)
72 Intermittent " " "
73 Continuous " " "
(72–73: moderate)
74 Intermittent " " "
75 Continuous " " "
(74–75: heavy)
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
(76–78: with or without fog)
79 Ice pellets
80 Rain shower (s), slight
81 " " moderate or heavy
82 " " violent
83 Shower (s) of rain and snow, slight
84 " " " moderate or heavy
85 Snow shower (s), slight
86 " " moderate or heavy
87 Shower (s) of soft hail with or without rain or rain and snow mixed — slight
88 — moderate
89 Shower (s) of hail with or without rain or rain and snow mixed, not with thunder — slight
90 — moderate
91 Slight rain
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(91–94: Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 " " " with "
97 " heavy without hail
98 " with duststorm or sandstorm
99 " heavy with hail
(95–99: Thunderstorm at time of observation)

* or rain and snow mixed

CLOUD FORM

Ci Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.
Normal summer weather in Lower Egypt and Cairo with light to moderate N/NW'ly winds, freshening slightly in the afternoon. Various amounts of low clouds by day. In Upper Egypt:- hot weather, clear sky, light to moderate N/NW'ly winds.

Printed by the Survey of Egypt 1952 (52/384)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / Sunset 16 59 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 17th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
62300	SALLOÛM	30	10	18	02	0	0	—	14.5	25	16	58
303	SÎDI BARRÂNI	10	13	10	02	1	5	cu, Sc	14.2	24	18	69
306	MATRÛH (A)	350	15	15	02	0	3	cu	14.1	25	16	58
309	EL DAB'AA	360	10	20	00	0	0	—	13.7	26	16	55
319	ALEXANDRIA	360	12	20	01	0	2	Sc	13.3	25	14	51
318	ALEXANDRIA (A)	340	13	12	02	0	1	cu	12.9	27	19	62
330	DAMIETTA	40	5	20	01	6	1	cu	12.7	26	19	66
333	PORT SA'ÎD (A)	20	11	20	02	1	1	cu	12.0	28	20	62
336	EL 'ARISH											
339	DAMANHÛR	310	2	10	02	1	4	cu	11.6	29	18	52
342	MANSÛRA	20	3		03	1	6	cb	11.6	30	18	49
348	TANTA	310	6	20	03	2	5	cu	11.6	30	17	46
360	SHEBÎN EL KÔM	340	5	20	01	1	3	cu	11.0	31	17	43
354	ZAGAZIG	320	1	20	03	1	7	Sc	11.9	31	17	43
438	Abu SUEIR	180	6	20	02	0	4	cu	11.4	30	14	38
366	CAIRO (A)	90	7	20	02	1	3	cu	11.1	30	12	33
372	CAIRO ALMÂZA (A)	350	6	20	02	0	3	cu, Sc	11.3	32	16	38
374	CAIRO EZBEKÎYA											
376	GIZA	310	4	10	02	0	5	cu	11.9	31	16	41
378	HELWÂN	00	0	4	02	1	4	cu	11.5	30	11	31
381	FAYOÛM	330	4	20	02	0	1	cu, Sc	11.6	31	12	31
387	MINYA (A)	20	7	10	02	0	2	cu	11.2	32	15	36
393	ASYOÛT (A)	340	10	22	02	0	1	cu	10.5	34	6	18
399	NAG' HAMÂDI	00	0	10	01	0	2	Ac	10.2	35	14	29
402	QENA	270	2	20	00	0	0	—	9.5	35		
405	LUXOR (A)	220	8	22	02	0	0	—	9.1	37	7	16
414	ASWÂN	360	3	15	02	0	0	—	8.4	38	5	13
417	SÎWA	340	14	16	02	0	0	—	13.0	30	11	31
420	BAHARÎYA	350	8	16	01	0	1	cu	11.7	33	10	24
423	FARAFRA	320	7	20	03	0	3	cu	12.0	34	5	16
432	DAKHLA	290	8	22	02	0	0	—	11.5	35	15	30
435	KHARGA	330	2	15	02	0	0	—	9.9	35	14	29
450	SUEZ	360	4	50	02	0	3	cu	12.0	31	15	38
459	TÔR											
462	HURGHÂDA	10	13	20	02	0	0	—	9.7	32	18	43
465	QUSEIR	10	9	20	02	0	0	—	10.1	31	19	49
641	PORT SUDÂN	50	10	20	02	0	0	—	7.5	36	21	42
600	WÂDI HALFA	360	5	20	02	0	0	—	7.4	40	16	24
640	ABU HAMAD	00	0	24	02	0	0	—	4.0	45	10	13
660	KAREIMA	90	1	21	03	0	1	ci	3.7	45	1	7
680	'ATBARA											
721	KHARTOÛM	100	4	20	03	1	5	cu, Ac, Cs	2.6	42	5	11
730	KASSALA	00	0	20	03	0	3	cu	2.9	40	13	20
751	WÂD MEDANI											
801	RENK											
802	ROSEIRES	20	36	20	02	2	8	Ac	7.5	30	18	49
771	EL OBEID	00	0	20	03	1	7	cb, ci	2.9	37	14	25
760	EL FASHER	30	8	40	03	1	7	cu, cs	8.8	32	7	21
770	GENEINA	270	4	50	03	0	3	cu, cs	6.6	35	12	25
840	MALAKÂL											
880	WÂU	270	2	20	03	0	5	cu, Ac	8.3	32	22	56
941	JUBA	220	[illegible]	24	02	2	7	cb, Ac, ci	9.0	31	22	59

Ship reports in code (1200):

23253	35112	03312	97050	10228	00900	78002
23343	27812	03212	98020	14022	00900	26106
23320	30312	33502	98020	13225	31500	25400
23343	26212	00109	99020	14623	00900	65213
23261	35212	03509	95020	09725	00000	86401

At 1800 on 17th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	15	02	0	0	—	14.6	23	18	26	-4	74	0
303	SÎDI BARRÂNI	240	10	15	01	1	3	Sc	14.3	22	18	25		78	0
306	MATRÛH (A)	360	10	14	02	0	3	cu	14.2	22	17	27		74	0
309	EL DAB'AA														
319	ALEXANDRIA	40	10	20	03	0	3	cu	14.0	23	18	27	-1	74	0
318	ALEXANDRIA (A)	10	7	12	01	2	4	Sc	13.3	23	18	27	-1	74	0
330	DAMIETTA	40	5		03	1	3	cu	12.9	25	20	27	-2	74	6
333	PORT SA'ÎD (A)	10	15	18	01	0	1	cu, Ac	12.3	24	21	29	+1	84	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	01	1	1	cu	12.7	24	21	30	-2	84	0
342	MANSÛRA	360	5		00	0	0	—	13.0	24	19	31	-3	74	0
348	TANTA	40	7	20	01	1	1	ci	11.7	26	18	31	-3	62	0
360	SHEBÎN EL KÔM	320	5	10	01	6	1	Sc	11.8	24	19	31		74	dr
354	ZAGAZIG	00	0	10	03	2	6	cu	12.6	26	20	35	+1	70	0
438	Abu SUEIR	20	15	12	01	1	0	—	12.5	26	18	33		62	0
366	CAIRO (A)	20	11	12	01	0	0	—	12.2	26	17	32		58	0
372	CAIRO ALMÂZA (A)	10	17	15	01	0	0	—	11.7	27	18	33	-2	58	0
374	CAIRO EZBEKÎYA											32	-3		
376	GIZA	30	10	10	01	1	0	—	12.0	26	19	32	-3	66	0
378	HELWÂN	360	5	4	02	0	0	—	11.4	28	10	31	-4	33	0
381	FAYOÛM	360	4	20	01	0	0	—	11.2	27	14	33	-3	45	0
387	MINYA (A)	10	3	8	02	0	0	—	10.9	25	14	34	-2	51	0
393	ASYOÛT (A)	320	4	12	02	0	0	—	10.5	30	9	35	-2	21	0
399	NAG' HAMÂDI	00	0		01	0	4	Ac	9.9	33		37	-1		0
402	QENA	00	0		00	0	0	—	10.0	29		37	-4		0
405	LUXOR (A)	320	2	12	02	0	0	—	8.7	32	8	39		22	0
414	ASWÂN	350	3	10	02	0	0	—	8.3	35	5	39	-3	15	0
417	SÎWA	40	6	15	01	1	3	Sc, cu	11.6	30	11	32	-6	31	0
420	BAHARÎYA	320	2	10	02	0	0	—	11.7	28	10	34	-2	33	0
423	FARAFRA	340	4	12	00	0	0	—	12.0	29	-1	34		14	0
432	DAKHLA	350	2	10	02	0	0	—	11.8	32	21	36	-4	52	0
435	KHARGA	00	0	9	02	0	0	—	9.6	31	10	37	-2	28	0
450	SUEZ	360	3	50	01	0	2	cu	12.0	28	19	32	-3	58	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	20	7	20	02	0	0	—	10.1	29	16	32	-1	46	0
641	PORT SUDÂN	350	7	20	02	0	0	—	7.8	31	24	38		66	0
600	WÂDI HALFA	360	9	25	02	0	0	—	7.4	35	3	41		13	0
640	ABU HAMAD	360	4	22	02	0	0	—	4.1	37	0	43		10	0
660	KAREIMA											43			
680	'ATBARA	10	2	20	02	0	0	—	3.2	36	7	43		17	0
721	KHARTOÛM	30	5	20	02	1	2	ci	4.3	37	10	42		19	0
730	KASSALA	00	0	20	01	1	1	Ac	2.7	37	15	41		27	0
751	WÂD MEDANI	160	17	20	13	2	6	cb, ci	4.2	35	16	41		32	0
801	RENK														
802	ROSEIRES														
771	EL OBEID	210	18	20	13	6	7	cb, Ac, ci	6.0	39	17	39		28	dr
760	EL FASHER	90	2	20	13	2	7	cb, Ac, Cs	7.7	34	11	41		25	0
770	GENEINA											37			
840	MALAKÂL	00	0	20	02	9	8	Sc, Ac, Cs	11.3	21	20	40		94	56
880	WÂU											33			
941	JUBA	00	0	24	13	9	7	Ac, ci	9.7	23	21	32		89	0

Ship reports in code (1800):

23272	34118	03005	98020	08422	00000	76500	00126
23331	26618	03605	98020	15122	00900	25400	05217
23366	24818	02909	99020	14523	00900	65201	00119
23276	33918	03013	98020	09429	00900	78400	00116
23331	27218	03513	99000	14622	00900	66400	00019

At 0600 on TUESDAY 18th JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km.	ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	30	4	18	02	0	0	—	15.6	+3.3	25	16	20	+1	58	0	260	
	303	SÎDI BARRÂNI	00	0	18	00	0	0	—	15.2		23	19	17		[illegible]	0	257	
	306	MATRÛH (A)	20	11	16	[illegible]	0	0	—	15.5	+3.0	24	16	19		61	0	270	
	309	EL DAB'AA	360	2	10	00	0	5	Ac	15.6		23	18	19		74	0	208	
	319	ALEXANDRIA	360	4	20	01	0	2	cu	15.6	+3.2	24	19	21	0	74	0	284	186
	318	ALEXANDRIA (A)	10	2	12	02	2	6	cu	15.1	+3.1	24	19	20	0	74	0	256	138
	330	DAMIETTA	320	2	10	01	0	1	cu	14.3	+3.[illegible]	25	19	19	-1	70	6	249	106
	333	PORT SA'ÎD (A)	10	1	14	02	0	5	Sc	14.2	+2.8	25	19	22	-1	70	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	360	[illegible]	4	02	1	4	cu	14.4	+3.8	24	19	19	+1	74	0	140	101
	342	MANSÛRA	40	3		02	1	5	cu	14.6	+3.1	26	16	20	+1	55	0	104	55
	348	TANTA	330	5	20	02	0	0	—	14.2	+2.4	23	20	18	0	84	0	92	44
	360	SHEBÎN EL KÔM	320	2	10	02	0	0	—	13.8	+2.1	24	19	20		74	dr	68	
	354	ZAGAZIG	320	1	10	03	1	4	As	14.4	+3.8	24	20	20	+2	79	0	53	27
	438	Abu SUEIR	30	4	15	03	0	5	cu	14.7		25	19	21		70	0		
CAIRO AREA	366	CAIRO (A)	50	6	12	02	0	5	cu	13.5		25	18	20		65	0	59	
	372	CAIRO ALMÂZA (A)	30	8	15	02	1	5	cu	13.7	+1.8	24	18	20	0	69	0	60	
	374	CAIRO EZBEKÎYA										24	18	21	+1	69	0	43	26
	376	GIZA	20	4	8	02		6	cu	14.2	+2.6	24	20	20	+2	79	0	58	27
	378	HELWÂN	00	0	10	03	1	1	cu	13.9	+2.5	26	16	20	0	55	0	36	29
UPPER EGYPT	381	FAYOÛM	360	6	20		0	0	—	14.2	+3.0	27	19	21	+1	62	0	16	8
	387	MINYA (A)	320	6	8		0	0	—	12.7	+1.0	26	18	20	+1	62	0	10	
	393	ASYOÛT (A)	00	0	16	02	0	0	—	12.5	+2.2	26	14	22	+1	48	0	dr	
	399	NAG' HAMÂDI	00	0		01	0	2	Ac	12.6	+3.8	29	18	17	-3	52	0	1	
	402	QENA	270	0	1	02	5	0	—	12.3	+3.9	30		22	-1		0	dr	
	405	LUXOR (A)	00	0	12	02	0	0	—	12.0	+3.6	32	12	22		30	0	0	
	414	ASWÂN	360	8	12	02	0	0	—	11.2	+2.7	32	7	24	-2	21	0	8	
OASES	417	SÎWA	80	1	16	02	0	0	—	15.5	+2.1	24	16	20	+1	61	0	27	8
	420	BAHARÎYA	[illegible]	2	15	02	0	0	—	14.4	+2.3	25	18	20	+1	65	0	2	7
	423	FARAFRA	40	2	15	02	0	0	—	15.2		25	11	18		42	0	dr	
	432	DAKHLA	[illegible]	4	17	02	0	0	—	13.2	+2.3	28	10	21	-2	33	0	1	
	435	KHARGA	[illegible]	0	10	02	0	0	—	11.7	+2.4	29	14	19	-4	40	0	6	
RED SEA	450	SUEZ	330	3	20	00	0	2	cu	13.5	+2.9	26	17	21	0	58	0	45	17
	459	TÔR																	13
	462	HURGHÂDA	310	12	40	05	0	0	—	11.7	+3.4	29	16	23	0	46	0	0.4	
	465	QUSEIR	350	11	20	02	0	0	—	11.2	+3.1	30	17	26	0	46	0	dr	4
	641	PORT SUDÂN	360	12	18	07	1	3	Ac, ci	6.9		35	24	24		57	0		
NORTH SUDAN	600	WÂDI HALFA	40	4	20	02	0	0	—	9.9		30	7	25		24	0		
	640	ABU HAMAD	00	0	24	02	0	0	—	7.6		33	6	27		19	0		
	660	KAREIMA	70	2	21	02	0	0	—	7.6		33	7	29		20	0		
	680	'ATBARA	270	7	13	07	0	0	—	7.5		32	18	28		43	0		
	721	KHARTOÛM	250	[illegible]	20	02	1	5	Ac	6.9		32	18	28		43	0		
	730	KASSALA	160	5	20	02	2	7	Ac, Cs	8.7		29	17	25		49	0		
CENTRAL SUDAN	751	WÂD MEDANI	230	7	20	02	6	6	Ac, As	8.2		30	18	27		49	dr		
	801	RENK	130	5	20	02	1	7	Sc	12.2		24	19	22		74	0		
	802	ROSEIRES																	
	771	EL OBEID	190	6	20	01	2	6	Ac	9.3		25	19	23		70	dr		
	760	EL FASHER	210	7	55	03	2	7	Ac, Cs	10.9		25	18	23		65	0		
	770	GENEINA	200	10	50	03	1	6	Sc, Ac, Cs	14.0		26	17	22		56	0		
S. SÛDÂN	840	MALAKÂL	180	5	20	03	6	4	Sc, Ac, Cs	12.1		23	21	21		89	56		
	880	WÂU	290	4	20	03	1	8	Ac, Cs	11.5		23	21	21		89	18		
	941	JUBA	160	3	24	01	2	4	Ac, ci	11.5		25	21	22		79	0		

SHIP REPORTS in code (0600):

33340	25906	10000	98020	16723	0090X	36302	[illegible] 17	100X0
33290	32806	03518	98021	13824	00900	35400	[illegible] 19	13521
33249	35906	03412	99000	09830	00900	76212	00323	13423

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo A.		Aswan		Alex. A.		P. Said		Minya		Siwa		Alex. A.		P. Said		Minya		Siwa	
DATE	18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6		18-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	6	30	17	350	14	360	19	350	19	360	11	60	6	360	12	360	11	20	28	70	16
600 m.	30	3	40	16	10	11	340	30	350	16	10	21	60	7	20	17	10	17	20	24	70	23
1000 m.	30	7	30	18	350	9	350	18	360	13	360	19	50	9	20	17	10	14	20	23	70	24
1500 m.	340	10	30	7	330	16	340	10	20	15	350	14	40	17	360	4	30	7	10	15	100	7
2100 m.	310	5	30	3	290	16	300	7	20	14			40	15	320	2	10	11	320	6	30	6
2400 m.	20	9	350	14			300	3	30	10			30	17	330	9	10	11			10	8
3000 m.	10	8	350	7			360	8	340	10			40	13	40	10	100	7			20	11
4000 m.	310	10	330	7											360	12	210	5				
5000 m.																						
6000 m.																						

STATION	Ab Sueir		Cairo A.		Aswan		Alex. A.		P. Said		Minya		Siwa		Alex. A.		P. Said		Minya		Siwa	
DATE	18-6		18-6		18-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	17	40	14	360	14	20	15	20	9	360	17	90	7	340	12	350	14	340	19	10	3
600 m.	40	27	40	16	360	22	20	12	40	7	20	23	130	14	10	10	360	7	350	23	340	4
1000 m.			30	20	350	18	20	12	360	12	20	28	40	3	340	10	20	10	360	16	330	8
1500 m.			30	16	330	8	30	4	340	9	350	21	20	6	20	7			20	15	340	10
2100 m.			40	9	310	13	330	4	270	17	320	6	40	8	70	5			20	13	10	5
2400 m.					310	17	10	7	320	2	330	4	30	10	60	10			30	10	360	4
3000 m.							60	13	360	2					30	7			340	5	30	7
4000 m.							20	10							290	5					10	8
5000 m.															300	3						
6000 m.															280	6						

STATION	Matruh		Asyout		Aswan		Salum		S. Baram		Matruh		Aswan		Asyout		Luxor		Dakhla		Kharga	
DATE	19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	3	320	13	360	11	140	10	330	10	330	10	300	10	310	18	340	5	350	12	360	20
600 m.	30	7	30	17	350	13	90	1	60	3	360	11	320	12	320	14	340	5	360	8	360	10
1000 m.	360	9	10	26	320	8	340	4	70	5	10	10	300	7	310	23	340	9	30	7	350	10
1500 m.	350	7	360	21	290	15	350	5	30	9	350	10	300	14	360	21	330	11	360	11	340	17
2100 m.	350	8	320	11			20	11	30	6	350	14	230	10			330	7				
2400 m.	360	10	270	4	260	16			60	5			200	11			180	10				
3000 m.	360	10	20	8					10	6			220	21			220	9				
4000 m.																	240	11				
5000 m.																	200	16				
6000 m.																	230	15				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED		
Surface																						
1000 mb.																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
700 mb.																						
600 mb.																						
500 mb.																						
400 mb.																						
300 mb.																						
200																						

RE ARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. :

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *WEDNESDAY 19th JUNE* 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (a)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour but not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour but not at time of observation
22	Snow	not falling as shower (s) — during preceding hour but not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour but not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour but not at time of observation
25	Shower (s) of rain	during preceding hour but not at time of observation
26	" of snow, or of rain and snow	during preceding hour but not at time of observation
27	" " hail, " " " " hail	during preceding hour but not at time of observation
28	Fog	during preceding hour but not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour but not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: *from noon to day to noon tomorrow.*

Normal summer weather in Lower Egypt and Cairo District. Small amounts of low clouds, increasing in the early morning. Moderate N/NE ly winds, freshening at times. In Upper Egypt, hot weather, with generally clear sky, and changeable light to moderate winds.

Printed by the Survey of Egypt 1952 (52/384)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / Sunset 16 59 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 18th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
Salloûm	80	6	18	02	0	0	—	17.4	26	17	58
Sîdi Barrâni	20	10	18	02	0	0	—	16.0	26	18	62
Matrûḥ (A)	340	10	16	03	0	1	Sc, cu	16.5	25	18	65
El Ḍab'aa	360	9	20	00	0	0	—	15.6	26	16	55
Alexandria	40	14	20	01	0	1	Sc	15.6	26	20	70
Alexandria (A)	360	13	12	02	0	1	cu	15.2	27	20	66
Damietta	340	2	20	00	0	0	—	14.7	27	18	58
Port Sa'îd (A)	10	7	20	01	0	0	—	14.8	27	19	62
El 'Arish											
Damanhûr	330	2	10	01	0	1	cu	14.3	30	17	46
Manṣûra	40	3		01	0	2	cu	14.0	32	16	38
Ṭanṭa	90	9	20	01	1	4	cu	14.1	31	17	43
Shebîn el Kôm	320	5	20	01	1	2	cu	13.7	31	15	38
Zagazig	140	1	20	01	1	2	AC	14.6	31	17	43
Abu Sueir	30	10	20	02	1	2	cu	13.7	32	13	32
Cairo (A)	360	10	16	02	0	2	cu	13.0	32	12	30
Cairo Almâza (A)	350	12	25	02	0	1	cu	12.7	32	11	28
Cairo Ezbekîya											
Giza	360	3	10	01	1	1	cu	13.5	31	16	41
Ḥelwân	360	5	10	03	1	3	cu	12.7	32	11	28
Fayoûm	20	6	20	02	0	0	—	12.4	33	12	28
Minya (A)	360	8	10	01	0	0	—	12.4	34	12	27
Aṣyoûṭ (A)	320	7	12	02	0	0	—	11.4	35	2	12
Nag' Hamâdi	00	0	10	01	0	1	AC	10.8	32	16	38
Qena	00	0	20	00	0	0	—	10.7	35		
Luxor (A)	320	9	20	02	0	0	—	9.1	37	8	17
Aswân	350	8	15	02	0	0	—	8.6	39	6	13
Sîwa	20	5	16	02	1	4	cu	14.4	32	14	34
Bahariya	360	2	18	02	0	1	cu	13.5	33	14	32
Farafra	90	4	20	02	0	0	—	12.8	33	7	20
Dakhla	340	13	14	02	0	0	—	11.8	36	15	29
Kharga	310	8	15	02	0	0	—	9.7	37	12	22
Suez	360	3	50	02	0	2	cu	12.6	32	14	34
Tôr											
Hurghâda	10	13	20	02	0	0	—	9.7	32	18	43
Quseir	360	12	20	02	0	0	—	10.7	31	20	52
Port Sûdân	30	26	1	07	3	0	—	5.9	36	28	68
Wâdi Ḥalfa	20	12	20	02	0	0	—	8.1	40	6	12
Abu Ḥamad	360	5	24	02	0	1	ci	3.9	42	6	11
Kareima	40	1	21	03	0	3	AC, ci	3.5	43	8	12
'Aṭbara	30	4	20	02	0	3	ci	3.4	42	6	11
Kharṭoûm	160	7	20	03	1	6	cu, ci	4.0	40	17	26
Kassala	20	3	20	01	2	4	AC, ci	3.7	39	7	14
Wâd Medani	230	5		03	1	7	Sc, CS	5.4	37		
Renk											
Roseires	230	6	10	02	2	5	Sc	8.4	33	21	
El Obeid	270	7	20	03	1	5	cu, AC	3.9	35	14	
El Fasher	70	5	55	03	3	7	AC, AS	5.7	35	16	32
Geneina	290	5	50	03	3	6	cu, ci	7.7	33	17	38
Malakâl	210	4	20	03	2	7	Cb, AC, CS	9.8	26		
Wâu	250	6	20	02	2	6	CS	6.6	31	21	55
Juba	20	3	24	17	1	7	Cb, CS	8.1	31	20	52

3324/	360 12	03516	98020	106 28	00900	36707
33262	35 112	02415	98050	099 28	00900	96004
33335	27112	10109	98020	179 26	10440	36400
33323	30412	03205	98020	152 23	00900	76400

At 1800 on 18th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloûm	00	0	12	02	0	0	—	16.3	23	18	27	-3	74	0
Sîdi Barrâni	60	4	15	02	0	0	—	16.3	22	16	26		69	0
Matrûḥ (A)	360	4	15	02	0	0	—	16.2	22	18	26		78	0
El Ḍab'aa	360	10	20	00	0	0	—	16.1	23	18	27		74	0
Alexandria	40	12	20	01	0	0	—	15.9	23	20	28	0	84	0
Alexandria (A)	10	8	12	02	0	0	—	15.0	23	20	28	0	84	0
Damietta	340	2		02	0	0	—	14.6	25	20	28	-1	74	0
Port Sa'îd (A)	360	12	18	02	0	0	—	14.5	25	21	29	+1	79	0
El 'Arish														
Damanhûr	40	2	10	02	0	0	—	14.6	24	19	32	0	74	0
Manṣûra	360	5		00	0	0	—	14.7	25	19	33	-1	70	0
Ṭanṭa	330	8	20	02	2	0	—	13.7	27	18	33	-2	58	0
Shebîn el Kôm	290	5	10	00	0	0	—	13.3	25	17	32		61	0
Zagazig	00	0	10	02	0	0	—	14.6	27	19	33	-1	62	0
Abu Sueir	10	15	12	02	0	0	—	14.5	26	17	32	[illegible]	58	0
Cairo (A)	10	10	12	02	0	0	—	13.7	27	16	32		52	0
Cairo Almâza (A)	20	14	15	01	0	0	—	13.2	28	14	33	-2	42	0
Cairo Ezbekîya											33	-2		
Giza	00	0	10	01	0	0	—	13.7	28	17	32	-3	52	0
Ḥelwân	360	11	10	01	0	0	—	13.0	28	15	33	-2	45	0
Fayoûm	360	4	20	02	0	0	—	12.4	30	13	34	-2	35	0
Minya (A)	00	0	8	02	0	0	—	11.6	26	13	34	-2	45	0
Aṣyoûṭ (A)	310	5	10	02	0	0	—	11.3	28	12	36	-1	37	0
Nag' Hamâdi														
Qena	00	0		00	0	0	—	10.6	28		37	-4		0
Luxor (A)	320	6	12	02	0	0	—	9.6	32	9	39		24	0
Aswân	360	8	12	02	0	0	—	8.5	35	1	39	-3	12	0
Sîwa	100	2	15	01	1	1	Sc, cu	13.3	30	11	34	-4	31	0
Bahariya	360	2	10	02	0	0	—	12.7	29	11	35	-1	33	0
Farafra	00	0	12	02	0	0	—	12.8	29	6	34		23	0
Dakhla	350	3	9	02	0	0	—	12.0	31	12	37	-3	31	0
Kharga	340	1	8	02	0	0	—	10.3	31	9	38	-1	26	0
Suez	330	3						12.4	27	16	33	-2	52	0
Tôr														
Hurghâda	320	16	10	02	0	0	—	9.7	28	17	32	+1	52	0
Quseir	340	6	20	02	0	0	—	10.0	30	11	32	-1	31	0
Port Sûdân	340	16	6	07	3	0	—	5.7	32	17	39		41	0
Wâdi Ḥalfa	20	10	20	02	0	1	ci	8.2	35	7	42		18	0
Abu Ḥamad											44			
Kareima	30	2	21		2	5	AC, ci	3.9	29	5	44		12	0
'Aṭbara	360	1	20	01	2	2	ci	3.5	37	8	43		17	0
Kharṭoûm	180	6	20	01	2	3	AC, CS	4.	37	15	41		27	0
Kassala	00	0	20	01	0	0	—	4.3	31	9	40		26	0
Wâd Medani														
Renk														
Roseires											37			
El Obeid	240	19	20	95	9	7	Cb	8.3	24	22	35		89	5
El Fasher			55	02	2	7	AC, CS	4.9	33	16	37		36	0
Geneina											35			
Malakâl											27			dr
Wâu											33			
Juba	00	0	24	12	2	0	—	9.9	23	20	31		84	0

332 31	370 18	036 18	9802 0	089 28	009 00	364 00
333 37	292 18	132 10	9902 0	172 23	111 40	367 02
382 08	382 18	033 26	9802 0	044 31	009 70	751 12
332 75	341 18	034 09	9805 0	099 28	009 00	764 00

At 0600 on WEDNESDAY 19th JUNE, 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
Mediterranean	62300	Salloûm	00	0	18	02	0	0	—	16.8	+4.5	23	19	17	-2	79	0	260	
	303	Sîdi Barrâni	00	0	18	00	0	0	—	16.4		23	16	16		65	0	257	
	306	Matrûḥ (A)	00	0	16	02	0	0	—	16.5	+4.0	23	15	13		61	0	270	
	309	El Ḍab'aa	360	2	10	00	0	0	—	16.2		24	18	14		69	0	208	
	319	Alexandria	40	8	20	02	0	0	—	16.0	+3.7	25	19	22	+1	70	0	284	186
	318	Alexandria (A)	10	6	12	02	0	0	—	15.5	+3.6	25	19	20	0	70	0	256	138
	330	Damietta	20	2	10	00	0	0	—	15.1	+4.1	25	20	20	0	74	0	149	106
	333	Port Sa'îd (A)	20	2	12	02	0	0	—	15.1	+3.2	27	20	20	-3	66	0		
	336	El 'Arish																	
Lower Egypt	339	Damanhûr	60	2	10	02	0	0	—	15.2	+3.6	23	20	19	0	84	0	140	101
	342	Manṣûra	320	3	3	00	0	0	—	15.6	+4.3	26	20	20	+1	70	0	104	55
	348	Ṭanṭa	00	0	20	02	0	0	—	15.2	+3.6	22	19	17	-1	83	0	92	44
	360	Shebîn el Kôm	320	2	10	01	1	2	cu	14.8	+3.2	25	20	19		74	0	68	
	354	Zagazig	40	1	10	03	1	6	cu	15.5	+4.0	24	21	20	+2	84	0	53	27
	438	Abu Sueir	00	0	10	01	0	4	cu	15.6		26	20	22		70	0		
Cairo Area	366	Cairo (A)	40	6	12	02	0	1	Sc	15.1		24	19	20		74	0	59	
	372	Cairo Almâza (A)	40	6	15	02	0	3	cu, Sc	14.9	+3.1	24	19	20	0	74	0	60	
	374	Cairo Ezbekîya										24	18	21	+1	69	0	43	26
	375	Giza	20	6	10	01	—	2	cu	15.4	+3.9	24	19	20	+2	74	0	58	27
	378	Ḥelwân	40	5	10	05	0	0	—	14.7	+3.4	26	16	20	0	55	0	36	29
Upper Egypt	381	Fayoûm	360	6	20	02	0	0	—	15.1	+4.0	26	18	21	+1	62	0	16	8
	387	Minya (A)	10	12	10	02	0	0	—	13.7	+2.1	24	17	20	+1	65	0	10	
	393	Aṣyoûṭ (A)	290	6	14	02	0	0	—	13.2	+3.0	25	14	21	0	51	0	dr	
	399	Nag' Hamâdi	00	0	4	01	0	3	AC	12.2	+3.5	25	17	21	+1	61	0	1	
	402	Qena	360	0	10	00	5	0	—	11.5	+3.2	29		21	-2		0	dr	
	405	Luxor (A)	00	0	22	02	0	0	—	10.7	+2.2	31	12	21		31	0	0	
	414	Aswân	340	8	12	02	0	0	—	11.0	+2.6	30	6	23	-3	22	0	8	
Oases	417	Sîwa	00	0	16	02	0	0	—	15.9	+2.5	25	15	19	0	54	0	27	8
	420	Bahariya	40	3	17	01	0	0	—	14.9	+2.9	26	17	21	+2	38	0	2	7
	423	Farafra	70	6	15	02	0	0	—	15.4		26	11	21		40	0	dr	
	432	Dakhla	[illegible]	4	20	02	0	0	—	13.5	+2.7	30	13	22	-1	35	0	1	
	435	Kharga	[illegible]	2	10	02	0	0	—	11.8	+2.6	30	15	24	+1	40	0	6	
Red Sea	450	Suez	330	2	20	00	0	0	—	13.5	+3.0	26	18	21	0	62	0	45	17
	459	Tôr																	13
	462	Hurghâda	320	23	22	02	0	0		10.7		28	16	22		49	0	0.4	
	465	Quseir	340	10	20	02	0	0	—	10.6	+2.6	29	18	25	-1	52	0	dr	4
	641	Port Sûdân	350	15	18	07	2	4	AC	6.1		37	11	27		20	0		
North Sudan	600	Wâdi Ḥalfa	10	2	20	02	0	1	ci	10.8		29	8	23		27	0		
	640	Abu Ḥamad	360	13	18	07	0	2	Ci	6.6		34	4	27		15	0		
	660	Kareima	60	2	21	03	1	3	ci	6.8		33	8	31		21	0		
	680	'Aṭbara	70	2	20	02	1	6	CS	7.2		34	7	28		19	0		
	721	Kharṭoûm	230	8	20	01	2	6	AC, CS	6.7		33	16	29		36	0		
	730	Kassala	200	5	20	02	2	7	AC, CS	8.5		30	17	26		46	0		
Central Sudan	751	Wâd Medani																	
	801	Renk																	
	802	Roseires	230	5	20	02	2	4	AC	8.9		27	20	22		66	dr		
	771	El Obeid	230	7	20	03	1	5	AS	7.7		27	20	25		66	5		
	760	El Fasher	00	0	55	03	2	8	AC, AS	8.9		27	15	25		48	0		
	770	Geneina	00	0	50	02	2	7	AC, AS	12.5		23	19	21		79	0.4		
S. Sûdân	840	Malakâl	230	4	20	03	1	7	AC, AS	11.0		25	22	25		84	dr		
	880	Wâu	00	0	20	02	2	7	AC	11.1		24	20	21		79	7		
	941	Juba	00	0	24	03	2	5	AC	12.8		23	21	20		89	0		

SHIP REPORTS IN CODE

43327	29606	03208	99020	16023	00900	78208	05019	13123
43323	30406	03307	98020	16123	00900	76314	05117	13321

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallaum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6		19-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	5	20	19	350	13	350	14	340	17	340	37	20	8	10	17	360	16	10	27	50	17
600 m.	10	12	20	20	350	12	360	11	20	17	10	10	20	9	10	14	10	16	20	37	40	13
1000 m.	20	16	20	15	350	10	320	9	20	16	10	13	10	6	20	12	10	8	360	23	60	4
1500 m.	10	17			320	10	320	9	30	9	360	13	20	9	70	6	10	8	360	12	350	9
2100 m.	350	9			290	11			10	6			360	8	30	9	20	4	310	5	10	17
2400 m.									340	4			10	8	20	9	50	4	330	3	360	15
3000 m.									330	3			30	6			340	2			350	9
4000 m.									150	4											320	6
5000 m.									220	10												
6000 m.									260	4												

STATION	Sallaum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	19-6		19-6		19-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	4	30	13	320	19	40	14	10	12	360	23	80	12	350	11	340	20	350	27	40	9
600 m.	20	10	30	17	330	23	30	8	360	12	20	19	50	17	20	12	360	16	360	19	20	5
1000 m.	40	14	40	19	340	19	40	9	10	13	20	19	40	18	50	11	10	15	10	12	30	10
1500 m.	20	18	20	12	340	5	10	11	20	9	40	13	20	17	30	11	30	17	40	11	20	19
2100 m.	20	17	60	4	100	4	20	13	80	2			10	21	20	8	40	6	60	10	20	8
2400 m.	360	19	40	9			20	10	40	6			20	19	10	8	170	8	10	12	10	4
3000 m.	340	17					10	8					20	17	40	4	140	9	40	10	350	8
4000 m.	340	16																				
5000 m.																						
6000 m.																						

STATION	Sallaum		Cairo (A)		Aswan		Sallaum		Matruh		Luxor		Aswan		Dakhla		Kharga		Hurghada		Abu Sueir	
DATE	20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	9	50	10	340	8	350	6	350	14	310	10	330	5	330	41	340	21	330	18	10	17
600 m.	10	8	20	19	340	12	340	5	360	15	320	18	330	6	290	68	350	30	320	18	10	23
1000 m.	20	12	30	19	310	10	350	9	360	16	320	16	350	5	320	24	340	19	350	16	20	14
1500 m.	20	17	30	17	250	13	360	22	360	15	340	12	190	2			350	5	290	3		
2100 m.	20	18	150	4	240	10			20	14	340	15	190	17			310	42	260	12		
2400 m.	20	13							20	16	340	17	190	20			360	11	310	13		
3000 m.													200	32			340	17	190	8		
4000 m.																	190	20				
5000 m.																	140	17				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200																				

RE: ARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Thursday 20 June, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

General Forecast: From noon today to noon tomorrow:
Normal summer weather. High humidity in Lower Egypt & Cairo. Moderate N/NE ly winds. Mainly clear, some low clouds early morning.
In Upper Egypt: Hot weather. Light N ly winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / " " Sunset 16 59 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 19th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	360	7	18	02	0	0	—	16.5	27	16	52
	303	SÎDI BARRÂNI	350	11	16	02	0	0	—	16.6	25	18	65
	306	MATRÛḤ (A)	330	13	16	02	0	0	—	16.8	26	15	51
	309	EL ḌAB'AA	320	12	20	00	0	0	—	15.9	26	14	48
	319	ALEXANDRIA	40	12	20	02	0	0	—	16.0	26	18	62
	318	ALEXANDRIA (A)	360	12	12	02	0	0	—	15.5	28	17	52
	330	DAMIETTA	340	5	20	00	0	0	—	15.1	28	18	55
	333	PORT SA'ÎD (A)	350	11	24	02	0	0	—	14.6	27	21	70
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	20	02	0	0	—	14.8	30	15	40
	342	MANṢÛRA	40	5		02	0	0	—	14.6	32	11	28
	348	ṬANṬA	330	8	20	02	0	0	—	14.5	32	13	32
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	cu	13.5	31	12	31
	354	ZAGAZIG	360	1	20	01	1	0	—	13.2	32	16	38
	438	ABU SUEIR	360	10	20	02	0	0	—	13.5	33	10	24
Cairo Area	366	CAIRO (A)	20	8	20	02	0	0	—	13.0	33	11	26
	372	CAIRO ALMÂZA (A)	350	12	25	02	0	0	—	12.8	32	10	26
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	9	10	02	0	0	—	12.9	32	15	36
	378	ḤELWÂN	360	8	10	02	0	0	—	12.7	32	5	18
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	12.6	34	10	23
	387	MINYA (A)	360	13	10	02	0	0	—	11.4	34	7	19
	393	AṢYOÛṬ (A)	320	8	22	02	0	0	—	10.8	35	9	20
	399	NAG' ḤAMÂDI	290	2	10	01	0	2	AC	10.0	36	15	29
	402	QENA	340	2	20	00	0	0	—	9.1	36		
	405	LUXOR (A)	280	10	22	02	0	0	—	8.1	38	5	13
	414	ASWÂN	350	9	15	02	0	0	—	7.4	38	-1	9
Oases	417	SÎWA	360	6	16	02	0	0	—	14.9	34	6	18
	420	BAḤARÎYA	350	3	18	02	0	0	—	13.1	34	9	22
	423	FARAFRA	360	5	20	02	0	0	—	13.3	34	8	20
	432	DAKHLA	20	8	22	08	0	8		12.4	35	15	30
	435	KHARGA	330	7	15	02	0	0	—	10.0	36	14	27
Red Sea	450	SUEZ	360	2	50	02	0	0	—	12.3	33	13	30
	459	TÔR											
	462	HURGHÂDA	10	15	22	02	0	0	—	8.7	30	18	49
	465	QUSEIR	360	12	20	02	0	0	—	9.8	31	20	52
	641	PORT SÛDÂN											
North Sudan	600	WÂDI ḤALFA	340	12	30	02	0	1	ci	8.0	40	3	10
	640	ABU ḤAMAD	340	9	10	07	0	1	AC	5.0	42	1	8
	660	KAREIMA											
	680	'AṬBARA	20	10	13	07	1	2	AC,ci	3.1	43	2	8
	721	KHARṬOÛM	60	8	12	06	0	7		2.3	43	6	11
	730	KASSALA	00	0	20	01	2	2	ci	2.8	39	9	16
Central Sudan	751	WÂD MEDANI	50	7	20	03	2	6	cu,AC,AS	3.5	40	11	17
	801	RENK	230	5	20	02	1	2	cu	7.9	37	18	38
	802	ROSEIRES	230	5	20	02	1	1	cu	6.9	36	16	31
	771	EL OBEID	230	7	20	03	1	5	ch,AC	6.4	36	18	35
	760	EL FASHER	230	5	25	03	2	7	cu,AC	3.6	39	11	18
	770	GENEINA	00	0	50	03	2	8	AC,AC	8.4	33	14	32
S. Sûdân	840	MALAKÂL	210	3	20	21	6	7	cb,AC,Cu	10.0	27	23	74
	880	WÂU	160	[illegible]	20	01	2	5	cu,AC,ci	8.1	32	22	56
	941	JUBA	290	[illegible]	24	03	2	7	cb,AC	9.8	27	20	66

At 1800 on 19th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	00	0	12	02	0	0	—	16.6	23	18	28	-2	74	0
SÎDI BARRÂNI	00	0	15	02	0	0	—	16.6	23	17	25		69	0
MATRÛḤ (A)	350	5	14	02	0	0	—	16.7	22	16	27		69	0
EL ḌAB'AA	360	4	20	00	0	0	—	16.0	22	15	27		65	0
ALEXANDRIA														
ALEXANDRIA (A)	10	8	12	02	0	0	—	15.6	23	18	28	0	74	0
DAMIETTA	360	9		02	0	0	—	14.6	25	20	28	-1	74	0
PORT SA'ÎD (A)	350	16	16	02	0	0	—	14.2	25	20	29	+1	74	0
EL 'ARISH														
DAMANHÛR	40	2	10	02	0	0	—	15.0	23	18	32	0	74	0
MANṢÛRA	360	5		02	0	0	—	15.1	25	17	33	-1	61	0
ṬANṬA	330	10	20	02	0	0	—	14.8	26	14	34	-1	48	0
SHEBÎN EL KÔM	20	5	10	00	0	0	—	14.4	25	14	33		51	0
ZAGAZIG	00	0	10	02	0	0	—	14.6	27	16	33	-1	52	0
ABU SUEIR	360	10	25	02	0	0	—	14.4	26	17	33		58	0
CAIRO (A)	360	13	12	02	0	0	—	13.9	27	14	33		45	0
CAIRO ALMÂZA (A)	20	16	15	02	0	0	—	13.3	28	13	33	-2	40	0
CAIRO EZBEKÎYA											34	-1		
GIZA	20	14	10	02	0	0	—	13.1	27	14	33	-2	45	0
ḤELWÂN	360	10	16	02	0	0	—	13.1	28	10	33	-2	33	0
FAYOÛM	360	4	20	02	0	0	—	12.7	30	12	35	-1	33	0
MINYA (A)	360	7	8	02	0	2	ci	10.9	26	12	35	-1	42	0
AṢYOÛṬ (A)	310	5	10	01	0	0	—	10.6	28	9	37	0	31	0
NAG' ḤAMÂDI	00	0		01	0	2	AC	9.4	30	17	37	-1	46	0
QENA	290	4		00	0	0	—	8.7	30		38	-3		0
LUXOR (A)	250	8	12	02	0	0	—	8.4	32	7	40		21	0
ASWÂN	360	2	12	02	0	0	—	7.5	34	4	40	-2	15	0
SÎWA	50	4	12	02	0	0	—	14.1	30	3	36	-2	18	0
BAḤARÎYA	40	4	11	02	0	0	—	12.9	30	7	35	-1	24	0
FARAFRA	360	2	12	02	0	1	ci	13.1	30	2	36		17	0
DAKHLA	350	9	12	01	0	1	ci	12.2	31	13	36	-4	33	0
KHARGA	00	0	8	02	0	0	—	9.6	30	10	37	-2	29	0
SUEZ	330	3	10	02	0	0	—	12.7	28	17	34	-1	52	0
TÔR														
HURGHÂDA	320	21	12	01	0	0	—	8.0	29	18	32	+1	52	0
QUSEIR	330	9	20	02	0	0	—	8.6	29	20	37	+4	69	0
PORT SÛDÂN	330	5	28	04	3	3	AC	5.	30	20	39		55	0
WÂDI ḤALFA	360	12	20	02	0	0	—	8.7	34	7	41		19	0
ABU ḤAMAD	340	9	22	02	0	0	—		35	4			11	0
KAREIMA	40	9	20	01	0	1	ci	5.1	38	2	44		11	0
'AṬBARA	360	8	25	07	0	0	—	3.2	37	10	44		19	0
KHARṬOÛM	40	9	16	06	2	3	AC	3.1	37	5	43		13	0
KASSALA	00	0	20	03	0	3	AC	4.0	31	13	41		33	0
WÂD MEDANI	00	0	20	01	2	1	AC	3.5	35	16	42		32	0
RENK														
ROSEIRES											37			
EL OBEID	230	20	19	52	—	7	ch,AC	6.2	[illegible]	19	36			1
EL FASHER	100	20	4.3	60	3	9	ch,AC	4.5	35	8	39		19	dr
GENEINA											43			0
MALAKÂL	200	3	20	13	2	4	cu,ci	9.6	26	24	29		89	dr
WÂU	70	15	5	81	8	7	cb,AC	11.1	22	19	33		83	2
JUBA	00	0	24	01	2	3	AC,ci	10.3	21	20	31		94	0

At 0600 on THURSDAY 20th JUNE, 1957

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	00	0	18	02	0	0	—	17.1	+4.9	25	18	20	0	65	0	260	
SÎDI BARRÂNI	310	1	18	00	0	2	sc	16.9		24	20	17		77	0	257	
MATRÛḤ (A)	310	7	16	02	0	0	—	16.8		24	19	21		74	0	270	
EL ḌAB'AA	320	9	10	00	0	0	—	16.2		24	18	17		69	0	208	
ALEXANDRIA	40	8	20	02	0	0	—	16.4	+4.2	24	19	21	0	74	0	284	186
ALEXANDRIA (A)	360	10	12	02	0	0	—	15.5	+3.7	24	20	19	-2	79	0	256	138
DAMIETTA	320	2	10	00	0	0	—	15.0	+4.1	25	20	20	0	74	0	249	106
PORT SA'ÎD (A)	350	8	16	02	0	0	—	14.7	+3.5	26	20	22	-1	70	0		
EL 'ARISH																	
DAMANHÛR	40	2	10	02	0	0	—	15.4	+4.2	23	20	18	-1	84	0	140	101
MANṢÛRA	360	3		00	0	0	—	15.0	+3.7	26	20	19	0	70	0	104	55
ṬANṬA	270	6	20	02	0	0	—	14.8	+3.4	22	19	16	-2	83	0	92	44
SHEBÎN EL KÔM	340	2	10	00	0	0	—	14.4	+2.8	24	19	18		74	0	68	
ZAGAZIG	00	0	10	02	0	0	—	14.7	+3.3	24	19	19	+1	74	0	53	27
ABU SUEIR	00	0	15	02	0	0	—	15.3		25	19	19		70	0		
CAIRO (A)	40	2	20	02	0	0	—	14.8		23	19	19		79	0	59	
CAIRO ALMÂZA (A)	20	8	15	01	0	1	cu	14.3	+3.4	23	19	20	-1	79	0	60	
CAIRO EZBEKÎYA										24	18	20	0	69	0	43	26
GIZA	20	4	8	01	—	0	—	15.1	+3.7	24	19	19	+1	74	0	58	27
ḤELWÂN	360	5	10	02	0	0	—	14.3	+3.1	26	12	20	0	42	0	36	29
FAYOÛM	260	6	20	02	0	0	—	14.3	+3.3	26	18	20	0	62	0	16	8
MINYA (A)	20	12	9	02	0	0	—	13.2	+1.7	24	17	18	-1	65	0	10	
AṢYOÛṬ (A)	290	8	16	02	0	0	—	13.0		24	14	21	0	54	0	dr	
NAG' ḤAMÂDI	00	0		01	0	2	AC	11.1	+2.4	25	17	20	0	61	0	1	
QENA	270	3	10	00	0	0	—	10.7	+2.5	28		22	-1		0	dr	
LUXOR (A)	00	0	22	02	0	0	—	9.8	+1.4	32	15	22		36	0	0	
ASWÂN	00	0	12	02	0	1	ci	9.8	+1.4	30	9	23	-3	27	0	8	
SÎWA	00	0	16	02	0	0	—	16.2	+2.9	23	7	17	-3	36	0	27	8
BAḤARÎYA	360	2	17	00	0	0	—	15.5	+3.6	24	14	15	-1	54	0	2	7
FARAFRA	40	3	15	02	0	0	—	15.2		26	11	19		25	0	dr	
DAKHLA	20	8	22	02	0	0	—	14.2	+3.5	28	12	25	+2	37	0	1	
KHARGA	350	12	12	02	0	0	—	10.4	+1.3	29	13	24	+1	37	0	6	
SUEZ	330	3	20	00	0	0	—	13.8	+3.4	25	20	21	0	74	0	45	17
TÔR																	13
HURGHÂDA	360	23	12	02	0	1	ci	9.5	+1.4	29	16	23	-1	46	0	0.4	
QUSEIR	340	13	20	02	0	0	—	9.6	+1.7	29	20	25	-1	59	0	dr	4
PORT SÛDÂN	330	4	20	02	2	6	AC	7.6		33	19	26		44	0		
WÂDI ḤALFA	10	6	20	02	0	1	ci	10.9		29	7	23		25	0		
ABU ḤAMAD																	
KAREIMA	20	14	14	07	0	2	ci	7.6		34	3	28		14	0		
'AṬBARA	10	23	13	07	1	3	AC	6.7		33	1	28		13	0		
KHARṬOÛM	220	11	20	02	2	7	AC,CS	8.1		32	16	28		38	0		
KASSALA	300	4	20	01	2	3	AC,ci	8.5		30	17	27		46	0		
WÂD MEDANI	270	11	15	04	1	3	ci	9.4		30	16	27		43	0		
RENK																	
ROSEIRES	230	5	20	02	6	5	AC	10.2		26	18	22		62	4		
EL OBEID	200	2	20	02	2	7	AC,CS	11.1		25	18	22		65	1		
EL FASHER	250	13	30	02	2	7	AC,ci	12.8		24	18	23		65	dr		
GENEINA	200	12	50	03	2	7	Sc,AC,CS	14.1		26	18	23		62	0		
MALAKÂL	60	6	20	03	2	7	cb,AC,CS	14.7		23	20	21		84	dr		
WÂU	330	2	20	01	2	6	AC,AS	15.0		24	22	21		89	3		
JUBA	180	2	24	01	2	2	AC,ci	12.9		24	19	15		74	0		

SHIP REPORTS in code

At 1200:

4332[illegible]	372 12	03 14 12	98020	075 33	00900	35720
43326	346 12	03 5 20	99020	094 28	00900	35605
43339	331 12	03009	99020	147 26	00900	15607
43309	286 12	03208	99020	170 24	00900	76400
43336	273 12	03007	99020	171 24	00900	78105
43348	259 12	03220	98020	084 29	00900	75601

At 1800:

43346	3648	03211	98020	08228	00900	36301	00024
43325	34918	03102	98020	13325	00900	56701	05122
43326	26918	03205	99020	13023	00900	76400	05XKK
43343	31518	03211	99020	13724	00900	65400	05121
43337	24318	13105	97024	17124	13600	26400	00372
43341	23018	03402	97050	17423	00900	25400	00171

At 0600:

53323	29106	03307	98020	16123	00900	27105	05018	13321
53338	23506	03105	96404	17723	00000	66305	10127	1XXXX
53327	28306	03205	98020	16923	00900	26400	00120	
53349	28306	13212	99020	15323	00900	65309	00118	13132
53324	24906	02905	98000	16724	00900	25400	00421	13031
53227	37106	23216	98011	06029	00606	76108	00224	13333
53234	36706	13212	98020	08129	00901	35301	00224	133XX

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Bahariya	
DATE	20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6		20-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	13	20	20	360	12	340	17	340	8	360	33	30	17	360	17	10	18	360	13	10	22
600 m.	360	16	20	19	340	10	360	9	350	18	360	35	30	30	360	17	360	24	10	15	30	17
1000 m.	10	21	40	31	350	10	60	7	360	14	360	38	30	30	10	10	360	25	10	20	30	9
1500 m.	360	22	40	20	10	7	50	13	10	14	340	7	20	17	20	10	30	15	350	17	360	20
2100 m.			40	19			20	16			80	10	20	16	20	17	20	10	220	27		
2400 m.							360	13					20	13	20	16	330	7	330	40		
3000 m.							330	12	190	5			10	20	360	15						
4000 m.							330	8					320	4								
5000 m.																						
6000 m.																						

STATION	Sallum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	20-6		20-6		20-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	23			320	17	360	10	350	13	360	16	60	16	350	17	330	7	350	14	50	18
600 m.	40	10	30	16	320	23	10	12	360	21	10	19	60	17	20	12	360	2	10	23	40	38
1000 m.	70	10	20	23	340	20	10	20	10	22	360	23	40	19	20	17	350	5	10	17	60	59
1500 m.	20	23	20	16	250	10	20	42	360	17	360	23	40	19	50	17	30	14	30	17	40	40
2100 m.			120	7			20	31			320	40	30	30	20	43	30	15			320	17
2400 m.							20	27					20	24	20	38	20	12			340	19
3000 m.							60	11					20	20	20	39	20	10				
4000 m.							10	7														
5000 m.							240	10														
6000 m.							290	6														

STATION	Sallum		Matruh		Cairo (A)		Luxor		Sallum		S. Bahari		Matruh		Aswan		Dakhla		Kharga		Abu Sueir	
DATE	21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	11	10	15	40	9	360	2	360	7	20	5	360	14	300	4			360	12	20	20
600 m.	10	15	20	17	20	21	330	7	20	10	40	11	10	8	290	4	350	14	360	2	10	10
1000 m.	10	17	20	21	80	9	360	12	30	12	40	13	20	10	290	3	350	16	310	5	30	7
1500 m.	10	16					300	6					10	17	190	7	360	20	360	3		
2100 m.	20	19					180	16					20	20	190	10	360	23	160	4		
2400 m.	10	20					180	17											190	12		
3000 m.	10	23					160	22														
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	21-6																			
TIME	1130																			
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	32																		
1000 mb.	115	31		20	10															
950 mb.																				
900 mb.																				
850 mb.	1532	19		40	12															
800 mb.																				
700 mb.	3166	10		30	9															
600 mb.																				
500 mb.	5875	-7		260	10															
400 mb.	7589	-16		230	39															
300 mb.	9685	-32		230	45															
200	12440	-51		220	53															

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 1

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Friday 24th June 1955

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Normal summer weather in Lower Egypt and Cairo. Some low clouds in the early morning. Moderate N/NE'ly winds.

In Upper Egypt: Hot summer weather. Light N'ly winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 54 U.T. / Sunset 16 59 U.T.

... Universal Times (U.T. [Two hours slower than local time]

At 1200 on 20th

Area	Index	Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	360	10	18	02	0	0	—	16.5	30	13	35
	303	SÎDI BARRÂNI	360	11	18	02	0	0	—	16.6	26	19	66
	308	MATRÛH (A)	340	16	16	02	0	0	—	16.4	27	14	45
	309	EL DAB'AA	270	15	20	00	0	0	—	15.9	27	17	55
	319	ALEXANDRIA	360	12	20	02	0	0	—	15.4	26	20	70
	318	ALEXANDRIA (A)	340	14	12	02	0	0	—	14.9	27	20	66
	330	DAMIETTA	320	2	20	02	0	0	—	13.3	28	15	45
	333	PORT SA'ÎD (A)	360	14	18	02	0	0	—	13.6	27	19	62
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	20	02	0	0	—	15.2	30	15	40
	342	MANSÛRA	20	5		02	0	0	—	13.4	33	10	24
	348	ṬANṬA	360	7	20	02	0	0	—	14.7	33	12	28
	360	SHEBÎN EL KÔM	320	5	20	00	0	0	—	14.2	32	11	28
	354	ZAGAZIG	320	1	20	02	0	0	—	13.9	33	13	30
	438	[illegible]	10	12	20	02	0	0	—	13.1	33	9	23
Cairo Area	366	CAIRO (A)	30	12	20	02	0	0	—	12.3	33	6	19
	372	CAIRO ALMÂZA (A)	10	18	20	01	0	0	—	12.0	33	9	23
	374	CAIRO EZBEKÎYA											
	375	GIZA	30	9	10	02	0	0	—	12.8	33	13	30
	378	HELWÂN											
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	11.9	34	11	25
	387	MINYA (A)	360	15	10	02	0	0	—	10.4	34	9	22
	393	AṢYOÛṬ (A)	330	9	16	02	0	0	—	9.8	35	12	25
	399	NAG' HAMÂDI	290	2	10	01	0	2	Ac	9.3	36	17	33
	402	QENA	270	2	20	00	0	0	—	7.6	37		
	405	LUXOR (A)	300	10	22	02	0	0	—	7.3	39	5	12
	414	ASWÂN	360	8	15	02	0	0	—	6.6	40	-3	7
Oases	417	SÎWA	280	6	16	02	0	0	—	15.2	35	-4	8
	420	BAHARÎYA	10	2	18	02	0	0	—	13.0	34	10	23
	423	FARAFRA	340	4	20	02	0	0	—	13.3	35	7	18
	432	DAKHLA	340	15	12	02	0	1	Ci	11.9	35	13	27
	435	KHARGA	320	12	18	02	0	0	—	8.7	36	10	20
Red Sea	450	SUEZ	360	3	50	02	0	0	—	11.8	33	15	34
	459	TÔR											
	462	HURGHÂDA	360	20	22	02	0	1	Ci	7.0	31	21	55
	465	QUSEIR	360	12	20	02	0	0	—	8.7	31	22	59
	641	PORT SÛDÂN	70	11	20	02	1	4	Ac, Ci	4.4	34	21	47
North Sudan	600	WÂDI HALFA	320	15	16	07	0	1	Ci	8.2	38	-1	9
	640	ABU HAMAD	360	13	20	07	0	0	—	4.8	41		
	660	KAREIMA	20	7	20	02	2	3	Ci	5.8	41	6	12
	680	'ATBARA	360	13	10	07	1	4	Ac, Ci	3.8	43	-2	6
	721	KHARṬOÛM	310	5	20	02	2	7	Ac, Cs	4.8	41	7	13
	730	KASSALA	310	4	20	01	1	2	Ac	3.6	40	12	19
Central Sudan	751	WÂD MEDANI	270	8	12	04	2	7	Cu, Ac Cs	5.9	38	12	21
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	270	9	20	02	2	7	Ac, Cs	7.7	33	16	36
	760	EL FASHER	90	3	30	02	2	7	Ac, Cs	6.2	37	11	20
	770	GENEINA	270	7	50	01	2	7	Cu, Ac, Cs	11.5	29	19	58
S. Sûdân	840	MALAKÂL	10	4	20	03	6	8	Sc, Ac, As	11.1	27	22	74
	880	WÂU	10	3	20	03	1	5	Cu	9.0	31	22	59
	941	JUBA	310	1	24	03	0	5	Cu, Ac	9.0	32	21	52

At 1800 on 20th

Index	Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure	Dry Bulb	Dew Point	Maximum	Diff. from normal	Relative Humidity	Rain past 12 hr mms.
62300	SALLOÛM	360	25	18	01	0	2	Sc	16.7	24	22	30	0	87	0
303	SÎDI BARRÂNI	360	2	14	02	0	2	Sc	16.4	23	20	27		84	0
308	MATRÛH (A)	340	8	16	02	0	0	—	16.8	[illegible]	21	29		89	0
309	EL DAB'AA	230	10	20	00	0	0	—	15.7	28	18	28		74	0
319	ALEXANDRIA	360	13	20	02	0	0	—	15.1	23	20			84	0
318	ALEXANDRIA (A)	360	10	12	02	0	0	—	14.5	23	20	28	-1	84	0
330	DAMIETTA	320	5		02	0	0	—	14.0	25	20	28	-1	74	0
333	PORT SA'ÎD (A)	350	11	16	02	0	0	—	13.5	25	20	27	0	74	0
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	14.3	23	18	32	0	74	0
342	MANSÛRA	00	0		02	0	0	—	13.0	25	17	35	+1	61	0
348	ṬANṬA	330	7	20	02	0	0	—	14.3	27	13	35	0	42	0
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	13.7	25		35			0
354	ZAGAZIG	00	0	10	02	0	0	—	13.6	26	15	33	-2	51	0
438	[illegible]	360	10	15	02	0	0	—	13.8	27	14	34		45	0
366	CAIRO (A)	[illegible]	[illegible]	15	02	0	0	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0
372	CAIRO ALMÂZA (A)	20	15	15	02	0	0	—	12.7	28	10	34	-1	33	0
374	CAIRO EZBEKÎYA											34	-1		
375	GIZA	20	8	10	02	0	0	—	13.2	28	11	33	-2	35	0
378	HELWÂN														
381	FAYOÛM	360	6	20	02	0	0	—	14.4	29	10	35	-1	31	0
387	MINYA (A)	360	6	8	02	0	0	—	14.4	27	11	35	-1	37	0
393	AṢYOÛṬ (A)	340	8	10	02	0	0	—	10.1	30	10	36	-1	29	0
399	NAG' HAMÂDI	00	0		01	0	1	Ac	9.6	29	16	38	0	46	0
402	QENA	290	6		00	0	0	—	9.1	31		38	-3		0
405	LUXOR (A)	00	0	12	02	0	0	—	7.5	32	8	41		22	0
414	ASWÂN	300	3	12	02	0	0	—	7.6	31	4	41	-1	13	0
417	SÎWA	40	6	15	02	0	0	—	14.1	30	8	37	-1	25	0
420	BAHARÎYA	360	4	11	02	0	0	—	12.8	29	6	35	-1	23	0
423	FARAFRA	320	2	12	02	0	0	—	13.5	29	2	35		18	0
432	DAKHLA	350	5	8	02	0	0	—	12.4	30	8	36	-3	25	0
435	KHARGA	330	3	8	02	0	0	—	8.7	32	9	37	-2	24	0
450	SUEZ	330	4	10	02	0	0	—	12.0	28	11	35	0	52	0
459	TÔR														
462	HURGHÂDA	310	19	10	02	0	0	—	7.9	30	18	33	+2	49	0
465	QUSEIR	330	9	20	03	0	0	—	8.4	29	20	32	-1	59	0
641	PORT SÛDÂN	00	0	20	01	1	2	Ac	6.2	29	20	35		59	0
600	WÂDI HALFA	310	9	16	06	0	0	—	6.6	33	10	40		24	0
640	ABU HAMAD	340	5	20	02	0	0	—	6.0	35	-3	42		9	0
660	KAREIMA	20	7	20	02	0	0	—	6.8	37	3	42		12	0
680	'ATBARA	340	4	20	01	2	4	Ac	4.3	37	7	44		16	0
721	KHARṬOÛM	330	7	20	02	2	7	Ac, Cs	4.8	27	13	42		42	0
730	KASSALA	00	0	20	13	0	2	Cb, Ci	5.5	31	15	41		38	0
751	WÂD MEDANI	230	7	20	02	2	7	As, Ci	5.1	30	11	41		23	0
801	RENK											34			
802	ROSEIRES											34			
771	EL OBEID	240	5	20	01	1	1	Ac	7.7	27	18	35		52	0
760	EL FASHER	140	1	30	02	2	7	Ac, Cs	6.2	34	11	39		25	0
770	GENEINA											31			
840	MALAKÂL	80	4	20	13	2	2	Cb	11.0	25	22	38		84	0
880	WÂU	00	0	20	01	2	4	Ci	8.7	28	24	33		79	0
941	JUBA	00	0	24	13	1	5	Cu, Ac, Ci	9.7	25	22	32		84	0

At 0600 on FRIDAY 21st JUNE, 1957

Index	Station	Wind Dir. Deg.	Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
62300	SALLOÛM	10	4	12	02	0	0	—	16.8	+4.7	28	14	22	+2	42	0	260	
303	SÎDI BARRÂNI	320	11	18	00	0	0	—	16.4		24	19	19		74	0	257	
308	MATRÛH (A)	300	13	14	02	0	0	—	16.4	+4.1	24	17	17		65	0	270	
309	EL DAB'AA	290	10	10	00	0	0	—	16.0		25	20	18		74	0	208	
319	ALEXANDRIA	360	8	20	02	0	0	—	15.1	+3.1	25	20	22	+1	74	0	284	186
318	ALEXANDRIA (A)	340	4	12	02	0	0	—	14.4	+2.7	26	20	21	0	70	0	256	138
330	DAMIETTA	340	2	10	00	0	0	—	14.0	+3.2	25	19	19	-1	70	0	249	106
333	PORT SA'ÎD (A)	320	6	16	02	0	0	—	13.7	+2.6	26	20	23	0	70	0		
336	EL 'ARISH																	
339	DAMANHÛR	40	2	10	02	0	0	—	14.8	+3.7	23	20	19	0	84	0	140	101
342	MANSÛRA	360	3	3	00	0	0	—	14.3	+3.1	27	21	20	+1	70	0	104	55
348	ṬANṬA	270	5	20	02	0	0	—	15.1	+3.8	20	20	17	-1	97	0	92	44
360	SHEBÎN EL KÔM	320	0	10	00	0	0	—	15.3	+3.7	23	20	18		84	0	68	
354	ZAGAZIG	00	0	10	02	0	0	—	15.2	+3.9	25	19	18	0	70	0	53	27
438	[illegible]	00	0	12	02	0	0	—	14.5		25	20	19		74	0		
366	CAIRO (A)	20	1	14	02	0	0	—	14.3		24	19	19		74	0	59	
372	CAIRO ALMÂZA (A)	30	8	15	02	0	0	—	14.0	+2.3	23	18	19	-2	74	0	60	
374	CAIRO EZBEKÎYA										24	18	19	-1	69	0	43	26
375	GIZA	340	5	10	01	—	0	—	14.2	+2.9	24	19	17	-1	74	0	58	27
378	HELWÂN	00	0	10	02	0	0	—	14.0	+2.8	26	13	18	-2	45	0	36	29
381	FAYOÛM	360	6	20	02	0	0	—	13.9	+3.0	26	19	19	-1	66	0	16	8
387	MINYA (A)	10	12	9	02	0	0	—	12.7	+1.3	24	16	19	0	61	0	10	
393	AṢYOÛṬ (A)	290	9	14	02	0	0	—	11.9	+1.9	24	13	21	0	50	0	dr.	
399	NAG' HAMÂDI	00	0	4	01	0	2	Ac	9.8	+1.2	29	16	21	+1	46	0	1	
402	QENA	290	6	10	00	5	0	—	9.3	+1.2	28		22	-1		0	dr.	
405	LUXOR (A)	00	0	22	02	0	0	—	8.6	+0.3	32	11	23		28	0	0	
414	ASWÂN	360	5	12	05	0	1	Ci	7.7	-0.6	30	6	24	-2	22	0	8	
417	SÎWA	00	0	16	02	0	0	—	16.7	+3.4	26	14	20	0	48	0	27	8
420	BAHARÎYA	360	3	16	02	0	0	—	14.8	+3.0	23	17	17	-2	69	0	2	7
423	FARAFRA	360	5	15	02	0	0	—	16.0		24	7	18		34	0	dr.	
432	DAKHLA	320	9	15	02	0	0	—	14.3	+3.7	25	10	21	-2	39	0	1	
435	KHARGA	360	12	10	02	0	0	—	10.0	+0.9	28	8	24	+1	29	0	6	
450	SUEZ	360	3	20	00	0	2	Cu	13.3	+3.0	25	20	20	-1	74	0	45	17
459	TÔR																	
462	HURGHÂDA																0.4	
465	QUSEIR	340	12	20	02	0	0	—	9.0	+1.2	30	23	26	0	66	0	dr.	4
641	PORT SÛDÂN	270	10	20	01	1	4	Ac	6.5		37	15	26		27	0		
600	WÂDI HALFA	360	7	20	02	0	0	—	10.2		29	8	22		27	0		
640	ABU HAMAD	340	9	20	01	0	2	Ac, Ci	8.1		33		26		12	0		
660	KAREIMA	10	9	21	01	1	3	As, Ci	8.6		32	4	25		17	0		
680	'ATBARA	330	8	20	02	2	7	Ac, Cs	6.9		34	3	28		14	0		
721	KHARṬOÛM	350	3	18	05	1	2	Ac, Ci	7.3		33	2	26		14	0		
730	KASSALA	180	6	20	03	1	7	Cs	8.1		32	18	28		43	0		
751	WÂD MEDANI	230	9	20	02	2	7	Ac, Cs	8.6		31	18	27		46	0		
801	RENK	180	5	20	02	0	2	Ac	10.4		28	21	23		66	0		
802	ROSEIRES	230	2	20	02	1	4	Ac	9.8		28	21	24		66	0		
771	EL OBEID	270	7	20	01	0	0	—	9.4		29	17	22		49	0		
760	EL FASHER	40	3	20	01	2	7	Cs	10.5		28	13	23		40	0		
770	GENEINA	00	0	30	03	1	6	Cs	14.4		28	21	20		94	1		
840	MALAKÂL	200	1	20	03	6	7	Ac, As	11.9		24	22	22		89	dr		
880	WÂU	00	0	20	02	1	3	Ac	11.3		26	23	23		84	0		
941	JUBA	00	0	24	01	1	2	Ac, Ci	12.7		26	22	21		79	0		

SHIP REPORTS in code

At 1200:

53317	31512	00308	98020	13826		
53346	21512	02403	98020	18826	00900	25400
53242	36112	03313	98020	16529	00900	76703
53321	30112	03010	99021	15927	00900	26809
53353	26712	03008	99020	16025	00900	65400

At 1800:

53371	34318	03417	98020	18927	00900	36309
53258	35218	03207	98020	06727	00900	78203
53261	34918	03404	98020	X2527	00900	35607
53333	27818	03016	98020	16126	00900	35805

At 0600:

63345	26706	00000	98020	15866	00900	25215	00368	100X0
63327	28106	02907	98020	17024	00900	25202	00123	12920
63324	29206	02905	99000	14875	00900	16206	00070	12921
63235	36706	13114	98010	07028	00702	35363	00124	13132
63247	35706	03210	98020	07728	00900	35209	00024	13221

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matruh		Cairo (A)		Aswan		Asyout		Luxor		Alex. (A)		P. Said		Minya		Siwa		Hurghada	
DATE	21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6		21-6	
TIME	1700		1700		1700		1700		1700		1700		1700		1700		1700		1700		1700	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	9	320	16	10	17	330	4	320	29	290	10	340	17	340	16	360	54	90	19	320	29
600 m.	10	12	360	29	20	17	10	5	340	31	290	9	350	17	350	16	360	47	40	17	320	16
1000 m.	10	20	360	17	20	23	30	4	360	33	310	9	10	27	10	17	10	21	40	21	320	10
1500 m.	10	20	10	22	10	12	90	1	20	30	330	2	20	30	10	12			60	20		
2100 m.	20	16			10	20					330	2	20	38	30	12			90	30		
2400 m.	360	16			20	17					40	2	20	27					30	23		
3000 m.													20	23								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Minya		Bahariya				Hurghada				Sallum		Alex. (A)		P. Said		Minya		Siwa			
DATE	21-6		21-6				21-6				22-6		22-6		22-6		22-6		22-6			
TIME	2300		2300				2300				0500		0500		0500		0500		0500			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	33	20	23			320	35			340	10	360	22	340	17	360	28	60	13		
600 m.	360	28	30	34			330	22			330	13	360	30	350	20	20	37	60	9		
1000 m.	10	10	30	27			320	10			330	12	360	28	350	18	20	38	40	12		
1500 m.	40	6	50	29			250	12			350	25	360	27	350	19	360	28	20	16		
2100 m.	60	12	20	3			190	19			320	12	360	20					10	23		
2400 m.	10	20					220	3					360	23					10	28		
3000 m.	20	5																	10	26		
4000 m.																			20	17		
5000 m.																						
6000 m.																						

STATION	Matruh		Asyout		Luxor		Aswan		Sallum				Siwa						Hurghada			
DATE	22-6		22-6		22-6		22-6		22-6				22-6						22-6			
TIME	0500		0500		0500		0500		1100				1100						1100			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	14	300	14	220	5	340	17	30	7			40	3					340	11		
600 m.	330	14	20	32	20	7	350	12	320	5			300	7					310	11		
1000 m.	330	17	20	26	10	6	350	10	330	8			320	6					330	8		
1500 m.	350	13			350	25	340	10	340	8			30	8					320	8		
2100 m.	340	17			340	14	350	8					10	16					310	18		
2400 m.	350	20			320	12							10	15					300	19		
3000 m.	340	23											20	12								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 22nd JUNE, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm no change	during preceding hour
32	Slight or moderate duststorm or sandstorm increased	during preceding hour
33	Severe duststorm or sandstorm decreased	during preceding hour
34	Severe duststorm or sandstorm no change	during preceding hour
35	Severe duststorm or sandstorm increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

No apparent change in temperature. Normal summer weather. Chance for early morning fog in scattered places of Lower Egypt & Cairo. Moderate NE'ly winds, freshening at times during day. Humid weather during night. In Upper Egypt: Hot weather. Clear sky. Light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 54 U.T. — Sunset 16 59 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 21st

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C.	Temp. Dew Point °C.	Relative Humidity %
62300	20	7	18	02	0	0	—	15.9	32	12	30
303	350	10	18	02	0	0	—	16.0	28	20	62
306	320	14	16	02	0	0	—	16.0	29	16	46
309	340	17	20	00	0	0	—	15.7	28	17	52
319	350	10		02	0	0	—	14.3	27	22	74
318	340	13	14	02	0	0	—	13.9	29	21	62
330	340	5	20	02	0	0	—	13.6	29	19	55
333	330	12	20	02	0	0	—	12.7	28	22	70
336											
339	60	2	20	02	0	0	—	14.0	33	15	34
342	20	3	4	02	0	0	—	12.3	35	11	23
348	300	10	20	02	0	0	—	13.0	35	14	29
360	340	5	20	00	0	0	—	13.0	34		
354	320	2	20	02	0	0	—	12.4	35	14	29
438	360	12	20	02	0	0	—	11.9	36	10	20
366	360	10	20	02	0	0	—	11.2	35	7	18
372	360	18	20	02	0	0	—	11.3	34	11	25
374											
375	20	10	10	02	0	0	—	12.0	34	12	27
378	360	8	10	02	0	0	—	11.0	35	5	15
381	360	6	20	02	0	0	—	11.0	36	7	17
387	10	17	10	00	0	0	—	9.9	35	9	20
393	300	12	8	02	0	0	—	8.6	37	10	19
399	00	0	10	01	0	3	Ac	8.6	36	11	22
402	290	6	20	00	5	0	—	7.8	37		
405	00	0	22	02	0	0	—	6.8	41	12	18
414	360	6	15	02	0	0	—	6.9	41	2	9
417	70	12	16	02	0	0	—	14.1	38	7	15
420	350	8	18	02	0	0	—	11.8	36	9	19
423	10	4	20	02	0	0	—	13.4	35	-1	10
432	350	12	20	02	0	0	—	12.0	35	13	27
435	330	3	15	02	0	0	—	7.9	37	10	19
450	330	4	50	01	0	0	—	11.0	35	8	19
459											
462	320	28	10	02	0	0	—	8.2	29	12	35
465	350	11	20	02	0	0	—	8.6	32	22	56
641	60	13	20	01	0	1	Ac	5.6	36	20	40
600	340	18	20	03	0	3	Ci	7.8	39	7	14
640	340	5	20	02	1	5	Cs	4.6	43	2	8
660	40	6	21	02	0	2	Cs	0.5	41	-2	7
680	340	8	20	02	2	7	Cs	3.0	34	2	13
721	350	9	20	03	0	4	Ac, Ci	3.7	43	4	9
730	220	1	20	02	2	7	Cu, Cs	2.6	41	11	17
751	50	7	20	03	2	7	Ac, Cs	3.7	42	9	14
801	180	5	20	02	0	2	Cs	8.1	37	19	35
802	310	5	20	02	1	1	Cu	4.4	37	15	27
771	30	9	20	03	0	3	Ac, Ci	4.5	39	-1	8
760	40	1	30	02	1	1	Sc, As, Ac	5.5	39	11	18
770	140	5	50	03	0	2	Cb	8.4	35	11	23
840											
880	240	6	20	03	1	4	Cu, Ac, Ci	8.4	32	22	56
941	00	0	24	15	2	6	Cb	7.0	33	20	47

At 1800 on 21st

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	00	0	12	02	0	0	—	15.8	28		32	+2		0
Mediterranean	303	SÎDI BARRÂNI	320	3	16	02	0	0	—	15.4	25	22	28		84	0
Mediterranean	306	MATRÛḤ (A)	300	9	16	02	0	0	—	15.1	24	22	30		89	0
Mediterranean	309	EL ḌAB'AA	270	13	20	00	0	0	—	14.9	24	19	29		74	0
Mediterranean	319	ALEXANDRIA	360	12	20	02	0	0	—	13.9	24	23	31	+2	94	0
Mediterranean	318	ALEXANDRIA (A)	350	9	12	02	0	0	—	13.3	24	21	29	0	84	0
Mediterranean	330	DAMIETTA	340	5	4	02	0	0	—	13.0	26	22	30	+1	79	0
Mediterranean	333	PORT SA'ÎD (A)	340	10	16	02	0	0	—	12.0	26	22	27	0	79	0
Mediterranean	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	60	2	10	02	0	0	—	13.3	25	20	33	+1	74	0
Lower Egypt	342	MANṢÛRA	00	0		02	0	0	—	12.4	27	18	36	+2	58	0
Lower Egypt	348	ṬANṬA	310	9	20	02	0	0	—	12.1	28	17	36	+1	52	0
Lower Egypt	360	SHEBÎN EL KÔM	340	9	10	00	0	0	—	11.6	27	15	35		48	0
Lower Egypt	354	ZAGAZIG	320	2	10	02	0	0	—	11.9	28	16	36	+1	49	0
Lower Egypt	438	ABUSUEIR	360	8	15	02	0	0	—	11.4	28	17	36		52	0
Cairo Area	366	CAIRO (A)	20	8	12	02	0	0	—	11.7	30	9	36		27	0
Cairo Area	372	CAIRO ALMÂZA (A)	10	4	15	02	0	0	—	11.3	31		36	+1		0
Cairo Area	374	CAIRO EZBEKÎYA											36	+1		0
Cairo Area	375	GIZA	20	6	10	02	0	0	—	11.8	30	12	35	0	33	0
Cairo Area	378	ḤELWÂN	360	3	4	02	0	0	—	11.5	31	10	36	+1	28	0
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	11.4	31	9	37	+1	26	0
Upper Egypt	387	MINYA (A)	10	7	8	02	0	0	—	9.3	28	10	36	0	33	0
Upper Egypt	393	AṢYOÛṬ (A)	300	8	10	02	0	0	—	8.7	30	8	38	+1	25	0
Upper Egypt	399	NAG' ḤAMÂDI	00	0	4	01	0	1	Ac	8.3	29	17	39	+1	49	0
Upper Egypt	402	QENA	270	4		00	0	0	—	8.0	32		38	-3		0
Upper Egypt	405	LUXOR (A)	00	0	12	02	0	0	—	6.3	35	8	43		19	0
Upper Egypt	414	ASWÂN	00	0	12	01	0	0	—	6.2	36	8	43	+1	18	0
Oases	417	SÎWA	50	10	15	02	0	0	—	13.6	34	7	39	+1	19	0
Oases	420	BAḤARÎYA	20	8	12	02	0	0	—	12.5	32	11	37	+1	28	0
Oases	423	FARAFRA	360	1	12	02	0	0	—	12.2	30	-9	37		7	0
Oases	432	DAKHLA	350	5	9	02	0	0	—	11.1	32	11	37	-2	28	0
Oases	435	KHARGA	00	0	8	02	0	0	—	7.5	31	11	38	-1	29	0
Red Sea	450	SUEZ	330	3	10	02	0	0	—	11.5	30	11	37	+2	31	0
Red Sea	459	TÔR														
Red Sea	462	HURGHÂDA	320	18	10	02	0	0	—	7.3	30	15	33	+2	40	0
Red Sea	465	QUSEIR	330	11	20	02	0	0	—	7.8	29	20	32	-1	59	0
Red Sea	641	PORT SÛDÂN	300	6	20	01	0	1	Ac	4.7	30	21	41		59	0
North Sudan	600	WÂDI ḤALFA	350	7	20	01	1	3	Ci	7.8	34	0	40		12	0
North Sudan	640	ABU ḤAMAD	340	5	20	02	1	0	—	4.5	37	2	44		11	0
North Sudan	660	KAREIMA	10	2	21	01	1	0	—	5.0	34	1	42		12	0
North Sudan	680	'AṬBARA	340	3	20	01	0	0	—	2.7	37	6	35		14	0
North Sudan	721	KHARṬOÛM	340	8	20	01	1	2	Ci	4.2	37	6	44		14	0
North Sudan	730	KASSALA	00	0	20	01	1	0	—	3.6	32	15	42		36	0
Central Sudan	751	WÂD MEDANI	40	4	20	02	2	7	Ac, Cs	4.1	34	18	43		39	0
Central Sudan	801	RENK														
Central Sudan	802	ROSEIRES											38			
Central Sudan	771	EL OBEID	00	0	20	01	1	3	Ac	4.5	33	9	39		23	0
Central Sudan	760	EL FASHER	00	0	30	02	0	2	Ac	5.4	34	8	39		20	0
Central Sudan	770	GENEINA														
S. Sûdân	840	MALAKÂL	230	2	20	15	2	7	Cb, Ac, As	9.3	27	24	31		84	0
S. Sûdân	880	WÂU														
S. Sûdân	941	JUBA	180	3	24	13	9	7	Cb, Ac, As	11.1	22	21	34		94	22

At 0600 on SATURDAY 22nd JUNE, 1957

Index Number	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	340	7	18	02	0	0	—	14.7	+2.7	28	19	23	+3	58	0	260	
303	320	11	18	00	0	0	—	14.6		26	20	19		70	0	257	
306	300	12	16	02	0	0	—	14.4	+2.2	26	18	17		62	0	270	
309	270	10	10	00	0	0	—	14.0		26	20	20		70	0	208	
319	310	10	20	02	0	0	—	13.8	+1.9	26	20	23	+2	70	0	284	186
318	290	7	12	02	0	0	—	13.0	+1.5	27	20	22	+1	66	0	256	138
330	250	2	10	00	0	0	—	12.6	+1.9	26	22	20	0	79	0	249	106
333	330	1	14	02	0	0	—	12.4	+1.4	28	19	24	+1	58	0		
336																	
339																140	101
342	00	0		00	0	0	—	12.6	+1.5	27	21	18	-1	70	0	104	55
348	00	0	20	02	0	0	—	12.9	+1.7	22	20	17	-1	89	0	92	44
360	320	2	10	01	4	1	Cu	12.8	+1.4	24	21	20		84	0	68	
354	220	1	10	02	0	0	—	12.6	+1.4	24	19	19	+1	74	0	53	27
438	230	3	12	02	0	0	—	12.9		25	21	20		79	0		
366	340	2	12	02	4	0	—	12.8		26	19	20		66	0	59	
372	360	5	8	01	4	0	—	12.6	+0.9	25	20	20	-1	74	0	60	
374										26	20	20	0	70	0	43	26
375	10	3	8	01	—	0	—	13.1	+1.8	25	20	21	+3	74	0	58	27
378	360	6	10	02	0	0	—	12.4	+1.3	28	13	20	0	40	0	36	29
381	360	6	20	02	0	0	—	12.8	+2.0	28	20	21	+1	62	0	16	8
387	10	14	8	02	0	0	—	11.9	+0.6	26	18	20	+1	62	0	10	
393	300	9	16	02	0	0	—	10.2	+0.3	26	12	21	0	42	0	dr	
399	00	0		01	0	2	Ac	8.7	+0.2	27	16	21	+1	52	0	1	
402	270	2	10	00	0	0	—	8.4	+0.4	27		23	0		0	dr	
405	00	0	22	02	0	0	—	7.2	-1.1	32	8	25		22	0	0	
414	00	0	10	05	0	0	—	6.7	-1.5	32	4	24	-2	17	0	8	
417	00	0	15	02	0	0	—	14.8	+1.6	29	13	22	+2	37	0	27	8
420	10	4	16	02	0	0	—	13.0	+1.4	27	17	21	+2	55	0	2	7
423	360	6	15	02	0	0	—	14.2		27	6	20		27	0	dr	
432	340	9	17	02	0	0	—	12.2	+1.6	29	12	25	+2	35	0	1	
435	330	10	8	02	0	0		7.6	-1.4	30	12	24	+1	33	0	6	
450	360	2	20	00	0	0	—	12.6	+2.4	25	20	20	-2	74	0	45	17
459																	13
462																0.4	
465	350	13	20	02	0	0	—	7.8	+0.1	30	19	27	+1	52	0	dr	4
641																	
600	20	4	20	02	0	1	Ac	8.4		28	3	22		20	0		
640	340	5	20	02	0	5	Ac	4.8		36	0	25		10	0		
660																	
680																	
721																	
730	190	8	18	07	0	0	—	6.6		32	17	27		41	0		
751																	
801																	
802	230	9	20	02	2	3		8.4		30	20	26		55	0		
771	270	3	20	02	0	3	Ac, Ci	7.9		30	19	23		52	0		
760	00	0	30	03	1	7	Ac, Cs	10.2		27	4	22		23	0		
770																	
840																	
880																	
941																	

SHIP REPORTS in code

1200							
63326	28612	03412	98020	15525	00900	25812	00321
63328	27382	03105	98050	15378	00900	66402	00369
63253	35412	03320	98020	06928	00900	86710	00274
63345	28212	03205	98020	15980	00900	25704	00671

1800								
63267	34168	03122	98020	07128	00900	69404	00225	13122
63345	30718	02909	98020	13178	00900	25603	00374	129X2
63323	30318	03105	98020	13165X	00900	25606	00222	1321X

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matruh		Aswan		Alex (A)		P. Said		Minya		Suez		Alex (P)		Ha Sue		Minya		Suez	
DATE	22-6		22-6		22-6		22-6		22-6		22-6		22-6		22-6		22-6		22-6		22-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	8	350	12	340	10	340	12	320	13	360	42	20	27	360	16	30	10	10	23	30	23
600 m.	10	8	360	12	330	11	350	25	310	12	360	40	20	23	10	16	90	12	11	22	10	17
1000 m.	20	8	30	17	340	12	350	23	320	12	10	30	20	17	20	13	00	7	10	23	30	19
1500 m.	340	11			200	5	360	21	330	13	320	14	20	23	10	12	20	4	360	30	[illegible]	12
2100 m.	330	8			30	2	10	18	320	12			20	15	30	13			20	10	10	16
2400 m.					00	0	310	22	330	13			10	12	360	13			320	9	10	13
3000 m.							360	22	300	17					340	9			350	5	300	10
4000 m.									300	14					330	12			270	4	40	12
5000 m.																						
6000 m.																						

STATION	Sallum		Matruh		Luxor		Alex (A)		P. Said		Minya		Suez		Alex (P)		P. Said		Minya		Suez	
DATE	22-6		22-6		22-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	8	330	17	320	2	340	11	320	7	10	21	70	6	320	19	300	12	10	8	330	3
600 m	40	8	10	19	20	3	20	11	350	9	350	26	60	19	330	16	310	16	10	16	350	4
1000 m.	40	9	40	23	30	3	20	11	350	7	350	25	50	13	10	9			10	17	350	7
1500 m.	30	10	100	31	30	3	10	8	10	9	360	17	350	12	360	6					300	12
2100 m.	30	13			00	5	50	10			350	13	350	19							340	21
2400 m.	30	14					10	10			330	10	350	17							330	23
3000 m.							360	11													350	20
4000 m.							280	12													340	17
5000 m.							260	9														
6000 m.																						

STATION	Sallum		Matruh		Aswan		Luxor		Sallum		S Rawani		Matruh		Luxor		Dakhla		Kharga		Hurghada	
DATE	23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	4	340	17	350	16	150	4	360	9	330	11	320	22	60	14	350	37	10	12	340	21
600 m.	340	7	340	17	20	10	40	2	340	11	330	12	340	23	60	12	340	36	10	12	330	25
1000 m.	340	9	10	20	10	14	10	6	330	16	340	6	340	23	210	13	350	55	340	11	310	24
1500 m.	350	5			10	18	40	3					340	26	300	10			290	10	340	10
2100 m.	350	14			20	22	190	5					350	23	340	6			250	13	340	18
2400 m.	360	12					130	24					330	25	260	13			200	17	340	21
3000 m.							200	10							190	7			260	25		
4000 m.																			230	23		
5000 m.																			240	23		
6000 m.																			30	18		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (P)																					
DATE	23-6																					
TIME	1145																					
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	36																		
1000 mb.	59	36		40	8															
950 mb.																				
900 mb.																				
850 mb.	1533	23		30	18															
800 mb.																				
700 mb.	3184	13		330	8															
600 mb.																				
500 mb.	5920	-5		200	9															
400 mb.	7638	-14		240	30															
300 mb.	9571	-29		280	31															
200 mb.	12530	-48		260	52															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT. – CAIRO

DATE ..... 196..

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing) not falling as shower (s)	during preceding hour not at time of observation
21	Rain (" ") not falling as shower (s)	during preceding hour not at time of observation
22	Snow not falling as shower (s)	during preceding hour not at time of observation
23	Rain and snow not falling as shower (s)	during preceding hour not at time of observation
24	Freezing drizzle or rain not falling as shower (s)	during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " , moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: Fair weather today in Lower Egypt & Cairo. Hot weather in Lower Egypt & Cairo. Mainly clear sky in the early morning. Moderate N/NE winds in Upper Egypt. Fair hot weather, specially in the north. Mainly light N'ly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 54 U.T. / Sunset 16 59 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 22-6-57

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Relative Humidity %
SALLOUM	260	17	18	02	0	3	Cu	14.0	28	24	79
SIDI BARRANI	340	12	18	01	0	0	—	14.4	26	22	79
MATRUH (A)	310	13	15	02	0	0	—	13.7	28	20	70
EL DAB'AA	320	14	20	00	0	0	—	13.7	29	18	52
ALEXANDRIA											
ALEXANDRIA (A)	320	10	12	02	0	0	—	12.3	29	21	62
DAMIETTA	20	2	20	02	0	0	—	12.2	30	21	59
PORT SA'ID (A)	340	9	20	02	0	0	—	11.1	29	22	66
EL 'ARISH											
DAMANHUR											
MANSURA	20	5		02	0	0	—	10.5	36	17	33
TANTA	310	9	20	02	0	0	—	10.6	36	17	33
SHEBIN EL KOM											
ZAGAZIG											
Abu Sueir	230	6	20	00	0	0	—	10.2	38	11	19
CAIRO (A)											
CAIRO ALMAZA (A)	350	14	20	00	0	0	—	9.6	39	17	28
CAIRO EZBEKIYA											
GIZA	40	10	10	02	0	0	—	9.8	36	16	31
HELWAN	360	8	10	02	0	0	—	9.6	37	6	14
FAYOUM											
MINYA (A)	350	16	10	02	0	0	—	8.5	37	9	18
ASYOUT (A)	350	11	20	02	0	0	—	6.7	41	3	10
NAG' HAMADI											
QENA											
LUXOR (A)	350	3	22	02	0	0	—	4.9	43	9	13
ASWAN											
SIWA	360	10	16	02	0	0	—	12.5	39	1	9
BAHARIYA	360	8	13	02	0	0	—	9.9	38	13	22
FARAFRA	360	14	10	07	0	0	—	10.4	29	-3	7
DAKHLA											
KHARGA											
SUEZ											
TOR											
HURGHADA	350	16	22	02	0	0	—	6.3	32	18	43
QUSEIR											
PORT SUDAN	40	15	7	07	0	0	—	3.5	36	24	50
WADI HALFA	340	9	20	02	0	1	Ac	5.1	41	9	15
ABU HAMAD	90	5	30	03	1	1	Cu, Sc	4.1	44	8	12
KAREIMA	50	2	21	01	1	2	Ci	2.8	43	4	9
ATBARA	20	7	20	02	0	1	Ci	0.2	45	2	7
KHARTOUM	360	10	20	02	2	6	Cs	1.4	43	1	8
KASSALA	300	1	20	03	0	3	Cu	1.2	41	11	17
WAD MEDANI	360	4	16	04	1	3	Ci	1.7	41	9	15
RENK											
ROSEIRES											
EL OBEID	350	5	20	03	1	4	Ci	3.5	37	1	11
EL FASHER	350	1	30	03	2	7	Cu, Sc, Cb	4.5	38	3	11
GENEINA											
MALAKAL	180	4	20	91	9	8	Cb, Ac, Cs	11.5	23	22	94
WAU	200	1	20	02	2	7	Cu, Ac, Cs	9.9	29	22	66
JUBA	310	1	24	02	2	7	Cu, Ac, Cs	8.3	31	21	55

At 1800 on 22-6-57

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	360	15	10	02	0	0	—	13.8	24		30	0		0
SIDI BARRANI	230	7	15	03	1	7	Sc	13.6	24	23	27		94	0
MATRUH (A)	290	9	15	02	0	0	—	13.5	24	22	29		89	0
EL DAB'AA	270	10	20	00	0	0	—	12.9	24	21	30		84	0
ALEXANDRIA	40	9	20	02	0	0	—	12.2	24	23	29	0	94	0
ALEXANDRIA (A)	340	10	12	02	0	0	—	11.5	25	22	30	+1	84	0
DAMIETTA	320	2		02	0	0	—	10.8	27	23	32	+3	79	0
PORT SA'ID (A)	330	9	18	02	0	0	—	10.4	26	25	32	+3	94	0
EL 'ARISH														
DAMANHUR	330	2	10	02	0	0	—	11.6	26	21	33	+1	74	0
MANSURA	40	3		02	0	0	—	10.4	28	20	37	+3	62	0
TANTA	10	6	20	02	0	0	—	10.8	28	19	37	+2	58	0
SHEBIN EL KOM	340	2	10	00	0	0	—	10.0	28	15	35		45	0
ZAGAZIG	320	1	10	02	0	0	—	11.0	29	21	37	+2	62	0
Abu Sueir	360	6	15	02	0	0	—	10.5	31	18	38		46	0
CAIRO (A)	330	4	12	02	0	0	—	10.2	31	12	37		31	0
CAIRO ALMAZA (A)	360	10	15	02	0	0	—	9.8	32	17	39	+4	41	0
CAIRO EZBEKIYA											37	+2		
GIZA	10	3	10	02	0	0	—	10.3	30	14	37	+2	38	0
HELWAN	360	4	10	02	0	0	—	9.8	32	11	37	+2	28	0
FAYOUM	360	4	20	02	0	0	—	9.5	31	15	38	+2	38	0
MINYA (A)	10	8	8	02	0	0	—	8.0	29	12	38	+1	35	0
ASYOUT (A)	310	8	12	02	0	0	—	7.5	31	8	42	+5	24	0
NAG' HAMADI	00	0		01	0	0	—	6.4	30	15	41	+3	40	0
QENA	290	6				0	—	5.9	34		41	0		
LUXOR (A)	00	0	12	02	0	0	—	4.5	34	14	45		30	0
ASWAN	00	0	9	05	0	0	—	3.0	37	9	44	+2	18	0
SIWA	40	8	14	02	0	0	—	11.0	37	6	41	+3	14	0
BAHARIYA	20	4	11	02	0	0	—	9.8	33	12	39	+3	28	0
FARAFRA	360	5	10	00	0	0	—	10.5	33	2	39		14	0
DAKHLA	00	0	12	02	0	0	—	7.9	34	12	41	+2	27	0
KHARGA	350	6	8	02	0	0	—	5.8	35	2	40	+1	12	0
SUEZ	360	3	10	02	0	0	—	9.4	32	14	38	+3	34	0
TOR														
HURGHADA	320	15	10	02	0	0	—	6.0	30	18	34	+3	49	0
QUSEIR	330	13	20	02	0	0	—	6.6	30	19	33	0	52	0
PORT SUDAN														
WADI HALFA	340	7	20	01	0	1	Ac	5.2	36	6	43		15	0
ABU HAMAD	340	5	22	02	1	5	Ac	0.9	40	3	46		10	0
KAREIMA	340	8	21	03	0	3	Ci	2.3	38	0	44		9	0
ATBARA	00	0	20	02	1	3	Ac, Ci	0.4	39	9	46		16	0
KHARTOUM	310	9	20	02	2	2	Ci	1.6	38	3	44		11	0
KASSALA	170	3	20	01	1	2	Ac	3.3	35	11	43		23	0
WAD MEDANI	00	0	15	13	1	5	Cb, Ac, Ci	2.2	35	6	44		16	0
RENK											37			
ROSEIRES											38			
EL OBEID	210	4	20	01	2	4	Ci	4.2	32	5	40		18	0
EL FASHER	330	4	35	01	1	4	Ac	4.8	33	1	39		13	0
GENEINA	00	0	34	01	2	3	Ac, Ci	5.9	33	0	38		12	0
MALAKAL	280	2	20	02	9	8	Ac, Cs	11.2	21	19	27		88	0.1
WAU														
JUBA	00	0	24	13	2	7	Cb, Ac, Ci	9.9	27	23	32		79	0
	73268	34618	03017	98010	05728	00000	46607	00326						
	73252	35518	03021	98020	00329	30900	38810	00322						
	73279	35512	03219	97020	07127	00000	36721	00421						

At 0600 on SUNDAY 23rd JUNE 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	00	0	18	02	0	0	—	13.6	+1.7	25	20	22	+2	74	0	260	
	303	SIDI BARRANI	320	5	18	00	0	0	—	13.1		24	21	21		84	0	257	
	306	MATRUH (A)	300	14	16	01	0	0	—	12.8	+0.7	26	21	20		74	0	270	
	309	EL DAB'AA	270	12	10	00	0	0	—	12.0		26	21	23		74	0	208	
	319	ALEXANDRIA	360	6	4	02	0	0	—	11.9	+0.1	26	21	23	+2	74	0	284	186
	318	ALEXANDRIA (A)	330	6	12	01	0	0	—	11.0	-0.4	26	22	23	+2	79	0	256	138
	330	DAMIETTA	250	2		03	1	3	Cu	10.6	0.0	24	22	20	0	89	0	249	106
	333	PORT SA'ID (A)	320	1	8	03	0	5		10.4	-0.5	26	23	22	-1	84	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	40	2	10	02	1	1	Sc	11.4	+0.5	26	21	20	+1	74	0	140	101
	342	MANSURA	20	3		01	0	3	Cu	10.6	-0.4	25	20	22	+3	74	0	104	55
	348	TANTA	270	6	20	01	1	3		10.6	-0.5	25					0	92	44
	360	SHEBIN EL KOM	340	2	10	00	0	0	—	9.9	-1.4	26	21	23		74	0	68	
	354	ZAGAZIG	00	0	10	01	2	6	Cu	10.7	-0.4	24	20	22	+4	79	0	53	27
	438	Abu Sueir	00	0	8	01	2	1	Cu	10.6		26	22	22		79	0		
CAIRO AREA	366	CAIRO (A)	00	0	10	01	2	0	—	10.7		25	20	20		74	0	59	
	372	CAIRO ALMAZA (A)	20	8	15	01	2	0	—	10.5	-1.1	24	20	22	+1	79	0	60	
	374	CAIRO EZBEKIYA										26		22	+2	70	0	43	26
	375	GIZA	20	6	10	01		0	—	11.0	-0.2	25	20	23	+5	74	0	58	27
	378	HELWAN	00	0	10	02	0	0	—	10.4	-0.6	25	19	21	+1	70	0	36	29
UPPER EGYPT	381	FAYOUM	360	6	20	02	0	0	—	10.7	0.0	27	10	2:	+1	35	0	16	8
	387	MINYA (A)	360	13	10	02	0	0	—	9.4	-1.9	25	19	21	+2	70	0	10	
	393	ASYOUT (A)	280	5	10	02	0	0	—	9.0	-0.8	26	15	23	+2	51	0	do.	
	399	NAG' HAMADI	00	0	4	01	0	3	Ac	7.2	-1.3	27	17	22	+2	55	0	1	
	402	QENA	290	2	10	00		0	—	7.0	-0.9	30		24	+1			do.	
	405	LUXOR (A)	00	0	22	02	0	0	—	6.9	-1.3	34	9	24		22	0	0	
	414	ASWAN	290	6	10	05	0	1		4.9	-3.2	33	3	26	0	15	0	8	
OASES	417	SIWA	00	0	15	02	0	0	—	13.0	-0.2	27	13	22	+2	42	0	27	8
	420	BAHARIYA																2	7
	423	FARAFRA	20	5	15	02	0	0	—	12.6		28	6	20		25	0	do.	
	432	DAKHLA	360	6	14	02	0	0	—	9.9	-0.6	30	15	22	-1	40	0	1	
	435	KHARGA	330	7	8	02	0	0	—	6.6	-2.3	32	13	28	+5	32	0	6	
RED SEA	450	SUEZ	330	2	20	00	0	0	—	9.9	-0.2	27	19	22	0	62	0	45	17
	459	TOR																	13
	462	HURGHADA																0.4	
	465	QUSEIR	300	10	20	02	0	0	—	6.0	-1.6	31	19	27	+1	49	0	do.	4
	641	PORT SUDAN	00	0	20	01	0	0	—	3.7		34	21			47			
NORTH SUDAN	600	WADI HALFA	10	10	20	01	1	3	Ac	5.9		31	9	26		26	0		
	640	ABU HAMAD	30	5	20	01	2	4	Ac, Ci	3.7		37	2	32		11	0		
	680	KAREIMA	30	4	21	02	1	5	Ac	3.4		35	3	29		13	0		
	680	ATBARA																	
	721	KHARTOUM	230	15	20	02	2	8	Cs	5.8		29	19	26		55	0		
	730	KASSALA	180	7	18	07	0	2	Ci	7.2		29	17	26		49	0		
CENTRAL SUDAN	751	WAD MEDANI	250	13	20	01	2	3	Cs	5.5		30	17	27		46	0		
	801	RENK	230	5	20	02	1	4	Ac, Ci	11.7		25	19	22		70	0		
	802	ROSEIRES	230	2	20	02	2	7	Ac	9.3		26	20	21		70	28		
	771	EL OBEID																	
	760	EL FASHER	00	0	55	03	0	2	Ci	9.8		29	0	26		19	0		
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	941	JUBA																	
			13339	23806	02705	98020	14524	00000	24025	00322	12720								

Ship reports

IN Code

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo (A)		Alex (A)		P Said		Minya		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6		23-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	7	350	21	10	19	340	19	320	14	350	37	360	22	340	18	320	8	350	[illegible]	[illegible]	[illegible]
600 m.	40	8	360	21	10	16	330	15	330	13	360	43	360	19	360	29	330	10	360	[illegible]	[illegible]	[illegible]
1000 m.	50	9	350	40	360	14	330	14	340	12	360	13	350	16	360	28	330	15	20	[illegible]	[illegible]	[illegible]
1500 m.	50	9	360	26	10	12	10	12	310	14	330	8	10	17	350	17	360	10	360	30	[illegible]	[illegible]
2100 m.							10	15	340	12			360	13	20	19	320	14	360	[illegible]	[illegible]	[illegible]
2400 m.							10	16	330	15			350	10	30	10	340	9	340	[illegible]	[illegible]	[illegible]
3000 m.							10	15	310	8			360	22	340	17	360	9			[illegible]	[illegible]
4000 m.									290	11			350	13								
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Asyout		Aswan		Alex (A)		P. Said		Asyout		Siwa		Alex (A)		P. Said		Minya		Siwa	
DATE	23-6		23-6		23-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	330	6	340	20	30	23	350	15	260	10	270	13	10	12	310	13	220	10	350	7	[illegible]	[illegible]
600 m.	10	11	350	31	20	30	360	14	300	10	10	36	20	19	300	14	320	2	340	12	[illegible]	20
1000 m.	330	12	310	42	20	30	360	10	270	7	360	27	20	19	280	13	360	7	340	16	[illegible]	[illegible]
1500 m.	350	17	350	23	280	37	360	8			300	42	20	25	280	8	290	9	330	17	[illegible]	[illegible]
2100 m.	360	12	350	15	250	18	350	10					30	23	320	5	280	12			[illegible]	21
2400 m.			350	16			360	1					30	20	290	8	290	12			[illegible]	28
3000 m.							360	1					360	24	280	8	290	10				
4000 m.							350	15									260	16				
5000 m.							20	26														
6000 m.							330	16														

STATION	Salloum		Luxor		Bahariya		Salloum		S. Bawati		Luxor		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6	
TIME	0500		0500		0500		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	360	8	330	4	360	13	350	10	320	6	350	9	350	16	350	19	160	13	10	[illegible]	[illegible]	[illegible]
600 m.	20	11	330	6	360	30	360	16	320	6	340	10	360	11	350	25	160	10	350	[illegible]	[illegible]	[illegible]
1000 m.	360	15	360	18	20	34	350	16	330	9	340	12	10	13	360	25	160	10	350	22	[illegible]	[illegible]
1500 m.	360	14	350	17	20	24					320	8	20	18	350	30			350	[illegible]	[illegible]	21
2100 m.			320	15	10	23					320	12							[illegible]	[illegible]		
2400 m.			240	22	10	16																
3000 m.			230	24																		
4000 m.			250	23																		
5000 m			220	23																		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Monday 24th June, 1967

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls within sight during past hour	
19	Funnel cloud (s) within sight during past hour	
20	Drizzle (not freezing) not falling as shower (s)	during preceding hour not at time of observation
21	Rain (" ") not falling as shower (s)	during preceding hour not at time of observation
22	Snow not falling as shower (s)	during preceding hour not at time of observation
23	Rain and snow not falling as shower (s)	during preceding hour not at time of observation
24	Freezing drizzle or rain not falling as shower (s)	during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm — decreased	during preceding hour
31	Slight or moderate duststorm or sandstorm — no change	during preceding hour
32	Slight or moderate duststorm or sandstorm — increased	during preceding hour
33	Severe duststorm or sandstorm — decreased	during preceding hour
34	Severe duststorm or sandstorm — no change	during preceding hour
35	Severe duststorm or sandstorm — increased	during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Rather mild weather on north coast, hot in Lower Egypt & Cairo with high humidity during night. Clear sky, some low cloud early morning. Moderate N/NWly winds. In Upper Egypt: Too hot weather, specially in the south. Clear sky. Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 02 55 U.T.
Sunset 13 17 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 23rd

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	Salloûm	360	12	18	02	0	0	—	13.1	31	22	59
	303	Sîdi Barrâni	320	12	18	02	0	0	—	13.2	27	22	74
	308	Matrûh (A)	310	17	16	02	0	0	—	12.5	30	18	49
	309	El Dab'aa	270	18	20	00	0	0	—	11.8	29	20	59
	319	Alexandria	360	14	20	02	0	0	—	11.0	28	22	70
	318	Alexandria (A)	330	12	12	02	0	0	—	10.5	29	22	66
	330	Damietta	340	2	20	00	0	0	—	10.6	31	19	49
	333	Port Sa'îd (A)	350	9	25	02	0	0	—	9.4	29	22	66
	338	El 'Arish											
Lower Egypt	339	Damanhûr	310	2	20	02	0	0	—	11.0	33	19	44
	342	Mansûra	360	5	4	09	0	0	—	9.3	37	13	24
	348	Tanta	310	10	20	02	0	0	—	9.4	36	19	37
	360	Shebîn el Kôm	300	5	20	00	0	0	—	9.4	35	13	27
	[illegible]	Zagazig	320	1	20	02	0	0	—	9.4	36	18	35
	438	Abu Sueir	360	10	20	02	0	0	—	8.6	38	12	21
Cairo Area	366	Cairo (A)	40	7	20	02	0	0	—	8.4	36	12	24
	372	Cairo Almâza (A)	360	14	15	02	0	0	—	8.6	36	13	25
	374	Cairo Ezbekîya											
	375	Giza	30	6	12	02	0	0	—	8.4	35	16	32
	378	Helwân	360	11	10	02	0	0	—	7.9	37	9	18
Upper Egypt	381	Fayoûm	360	6	20	02	0	0	—	8.2	37	9	18
	387	Minya (A)	360	11	10	02	0	0	—	7.9	36	12	24
	[illegible]	Asyût (A)	230	12	22	02	0	0	—	6.8	36	11	22
	399	Nag' Hamâdi	290	2	10	01	0	2	Ac	5.1	39	15	24
	[illegible]	Qena	00	3	20	[illegible]	5	0	—	5.0	40		
		Luxor (A)	300	8	22	02	0	0	—	3.7	43	7	12
	414	Aswân	340	8	7	05	0	0	—	3.0	45	-4	5
Oases	417	Sîwa	360	4	16	02	0	0	—	11.5	38	10	18
	420	Baharîya	360	8	16	02	0	0	—	8.5	38	15	25
	423	Farafra	360	13	10	01	0	0	—	9.4	38	4	12
	432	Dakhla	350	10	22	02	0	0	—	7.8	40	6	12
	435	Kharga	40	8	8	02	0	0	—	5.0	40	7	13
Red Sea	450	Suez	330	4	50	02	0	0	—	8.6	36	13	25
	459	Tôr											
	462	Hurghada	10	13	22	02	0	0	—	4.0	32	20	49
	465	Quseir	350	9	20	02	0	0	—	5.7	34	13	29
	641	Port Sûdân	40	9	20	02	0	0	—	2.7	36	25	53
North Sudan	600	Wâdi Halfa	20	9	20	03	1	3	AC	3.2	44	9	13
	640	Abu Hamad	90	2	22	02	1	7	Cu, CS	99.3	47	2	7
	660	Kareima	100	2	21	03	1	8	Cu,AC,CS	99.1	45	8	11
	680	Atbara	180	2	17	05	0	3	Cu, Ci	99.6	44	7	11
	721	Khartoûm	330	3	20	01	1	4	Ci	0.7	41	11	17
	730	Kassala	210	4	20	03	0	1	Cu	2.1	38	16	27
Central Sudan	751	Wâd Medani	230	8	20	03	2	7	CS	2.2	39	15	24
	801	Renk	230	9	20	02	1	4	Cu	7.3	35	21	44
	802	Roseires	130	5	20	02	2	4	Cu	5.0	33	20	47
	771	El Obeid	270	11	20	03	1	6	Cu,AC,CS	2.6	37	16	29
	760	El Fasher	10	2	40	03	0	4	CS	3.2	39	4	12
	770	Geneina	50	4	50	03	0	3	Cu, CS	6.3	35	9	20
S. Sûdân	840	Malakâl	220	5	20	02	1	4	Cu,Ac,Ci	8.6	31	21	58
	880	Wâu											
	941	Juba	180	4	24	02	2	7	Cu,AC	8.0	30	20	55

At 1800 on 23rd

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	Salloûm	360	12	12	02	0	0	—	12.3	29	16	32	+2	46	0
303	Sîdi Barrâni	300	4	15	02	0	0	—	12.1	24	21	28		84	0
308	Matrûh (A)	280	7	14	02	0	0	—	12.0	25	21	31		79	0
309	El Dab'aa	340	15	20	00	0	0	—	11.7	25	20	30		74	0
319	Alexandria	360	10	20	02	0	0	—	10.4	24	23	29	0	94	0
318	Alexandria (A)	340	9	12	02	0	0	—	10.1	24	22	29	0	89	0
330	Damietta	340	2	4	02	0	0	—	9.6	28	19	32	+3	58	0
333	Port Sa'îd (A)	320	9	18	02	0	0	—	8.7	27	21	31	+2	70	0
338	El 'Arish														
339	Damanhûr	330	2	10	02	0	0	—	10.7	25	22	33	+1	84	0
342	Mansûra	360	3		02	0	0	—	9.1	29	18	38	+4	52	0
348	Tanta	310	8	20	02	0	0	—	10.0	30	19	38	+3	52	0
360	Shebîn el Kôm	320	2	10	00	0	0	—	9.8	30	17	37		46	0
[illegible]	Zagazig	320	1	10	02	0	0	—	9.8	30	20	37	+2	55	0
438	Abu Sueir	360	8	10	02	0	0	—	9.1	31	18	38		46	0
366	Cairo (A)	10	5	12	02	0	0	—	8.6	31	14	38		36	0
372	Cairo Almâza (A)	360	10	15	02	0	0	—	8.4	32	14	37	+2	34	0
374	Cairo Ezbekîya											38	+3		
375	Giza	20	7	10	02	0	0	—	8.7	31	15	37	+2	38	0
378	Helwân	360	5	10	02	0	0	—	8.2	32	11	37	+2	28	0
381	Fayoûm	360	4	20	02	0	0	—	8.2	32	-2	38	+2	11	0
387	Minya (A)	360	6	8	02	0	0	—	7.0	28	13	38	+1	40	0
[illegible]	Asyût (A)	310	9	10	02	0	0	—	6.6	31	10	38	+1	28	0
399	Nag' Hamâdi	00	0	4	01	0	1	Ac	6.4	30	0	40	+2	14	0
[illegible]	Qena	270	4		00	5	0	—	5.5	33		41	0		0
	Luxor (A)	00	0	12	02	0	0	—	4.9	34	11	45		25	0
414	Aswân	360	12	12	02	0	1	Ci	2.9	40	0	46	+4	8	0
417	Sîwa	30	12	15	02	0	0	—	10.4	36	8	40	+2	18	0
420	Baharîya	10	6	12	02	0	0	—	8.9	32	13	39	+3	32	0
423	Farafra	360	3	13	00	0	0	—	9.9	32	4	39		17	0
432	Dakhla	340	3	8	02	0	0	—	7.0	33	5	41	+2	17	0
435	Kharga	00	0	10	02	0	0	—	5.5	33	8	40	+1	21	0
450	Suez	330	3	10	02	0	0	—	7.6	32	14	38	+3	34	0
459	Tôr														
462	Hurghada	310	14	10	02	0	0	—	4.3	32	10	33	+2	26	0
465	Quseir	330	6	20	02	0	0	—	5.2	32	11	35	+2	28	0
641	Port Sûdân	290	3	20	01	0	0	—	1.6	31	24	40		66	0
600	Wâdi Halfa	360	15	16	02	1	3	Ac	1.2	39	7	46		14	0
640	Abu Hamad	00	0	22	02	2	5	Ac	1.9	39	12	47		20	0
660	Kareima	00	0	21	01	2	4	Ac	0.4	39	9	47		16	0
680	Atbara	110	3	20	01	0	2	Ac	0.7	40	8	45		14	0
721	Khartoûm	130	4	20	01	1	3	Ac, Ci	0.9	38	11	43		19	0
730	Kassala	00	0	20	13	1	7	Cb, CS	3.0	33	13	40		30	0
751	Wâd Medani	00	0	20	01	2	1	AC	3.4	34	11	41		25	0
801	Renk											37			
802	Roseires											34			
771	El Obeid	230	4	20	02	0	0	—	3.6	33	17	39		38	0
760	El Fasher	150	3	40	13	1	4	Cb,Ac,CS	3.4	34	5	40		16	0
770	Geneina	160	2	50	01	0		Ac, Ci	8.8	33	7	38		20	0
840	Malakâl	180	8	20	13	1	3	Cb, Ci	9.2	28	21	31		66	0
880	Wâu	00	0	20	01	1	0	—	8.3	28	22	31		70	0
941	Juba	00	0	24	13	2	7	Cb,Ac,As	10.4	24	20	31		79	0

At 0600 on MONDAY 24th JUNE 1957

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Pressure Diff from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	Salloûm	280	14	18	02	0	0	—	11.5	-0.3	29	18	24	+4	52	0	260	
303	Sîdi Barrâni	310	13	18	00	0	0	—	11.6		26	12	22		42	0	257	
308	Matrûh (A)	300	16	16	02	0	0	—	10.6	-1.4	27	21	20		70	0	270	
309	El Dab'aa	270	14	10	00	0	0	—	10.0		26	21	22		74	0	208	
319	Alexandria	310	6	20	02	0	0	—	10.0	-1.7	26	21	23	+2	74	0	284	186
318	Alexandria (A)	330	7	12	02	0	0	—	9.2	-2.1	26	22	23	+2	79	0	256	138
330	Damietta	200	2	3	10	0	0	—	9.3	-1.2	25	23	20	0	89	0	249	106
333	Port Sa'îd (A)	250	7	10	02	1	6	Sc	8.8	-2.0	26	22	23	0	79	0		
338	El 'Arish																	
339	Damanhûr	230	2	10	02	0	0	—	9.8	-1.0	26	21	20	+1	74	0	140	101
342	Mansûra	00	0	3	03	1	6	Ac	9.1	-1.8	25	22	21	+2	84	0	104	55
348	Tanta	270	5	20	03	2	7	As	9.3	-1.7	24	22	20	+2	89	0	92	44
360	Shebîn el Kôm	320	2	10	01	1	0	—	9.4	-1.8	25	21	22		79	0	68	
[illegible]	Zagazig	00	0	10	01	2	3	Cu	9.1	-1.9	25	20	21	+3	74	0	53	27
438	Abu Sueir	230	5	15	01	4	0	—	9.6		25	20	21		74	0		
366	Cairo (A)	00	0	12	01	2	0	—	9.6		24	20	21		79	0	59	
372	Cairo Almâza (A)	300	4	10	01	0	0	—	9.4	-2.1	25	20	21	0	74	0	60	
374	Cairo Ezbekîya										25	19	22	+2	70	0	43	26
375	Giza	10	3	10	01		1	Cu	9.3	-1.8	25	21	21	+3	79	0	58	27
378	Helwân	00	0	4	02	0	0	—	9.6	-1.3	24	19	21	+1	74	0	56	29
381	Fayoûm	360	6	20	02	0	0	—	9.9	-0.8	27	21	21	+1	70	0	16	8
387	Minya (A)	10	9	8	02	0	0	—	9.5	-1.7	26	18	21	+2	62	0	10	
[illegible]	Asyût (A)	270	7	14	02	0	0	—	8.7	-1.0	27	16	24	+3	52	0	dr.	
399	Nag' Hamâdi	00	0	4	01	0	3	Ac	7.2	-1.2	27	18	21	+1	58	0	1	
[illegible]	Qena	270	0	10	00	5	0	—	7.0	-0.9	29		23	-1		0	dr.	
	Luxor (A)	00	0	22	02	0	0	—	5.6	-2.5	32	11	24		28	0	0	
414	Aswân	360	10	12	02	0	0	—	5.0	-3.0	34	8	26	0	20	0	8	
417	Sîwa	330	2	15	02	0	0	—	12.4	-0.7	27	13	20	0	42	0	27	8
420	Baharîya	20	4	15	02	0	0	—	10.6	-0.8	26	18	21	+2	62	0	2	7
423	Farafra	30	5	15	02	0	0	—	12.0		28		22			0	dr.	
432	Dakhla	330	8	22	02	0	0	—	8.7	-1.7	30	9	26	+3	27	0	1	
435	Kharga	10	10	4	07	0	0	—	6.2	-2.6	31	14	27	+4	36	0	6	
450	Suez	360	3	20	00	0	0	—	9.0	-1.0	26	20	20	-2	70	0	45	17
459	Tôr																	
462	Hurghada																0.4	
465	Quseir	340	10	20	02	0	0	—	5.2	-2.4	30	19	27	+1	52	0	dr.	4
641	Port Sûdân	120	2	20	01	1	2	Ac	4.5		34	24	27		56	0		
600	Wâdi Halfa	30	12	20	02	0	1	Ac	5.5		34	7	27		19	0		
640	Abu Hamad	50	5	.		2	5	Ac	2.2		37	3	31		12	0		
660	Kareima	70	1	21	03	2	7	Ac,As	2.5		35	7	31		18	0		
680	Atbara	210	7	13	07	1	5	Ac	4.7		32	17	32		41	0		
721	Khartoûm	230	28	0.7	31	1	3	Ac, Ci	3.6		32	19	29		46	0		
730	Kassala	190	10	10	07	2	2	Ac	7.0		31	18			46	0		
751	Wâd Medani	180	11	20	02	1	3	Ac,Ci	8.1		27	20	22		66	1		
801	Renk	180	5	20	02	1	6	Ac	12.4		26	22	24		79	0		
802	Roseires	230	5	20	02	6	8	As	12.2		23	22	22		94	16		
771	El Obeid	230	17	10	03	0	4	Ac	7.1		30	18	27		49	0		
760	El Fasher	350	2	40	03	0	3	Cs	8.4		25	0	19		19	0		
770	Geneina																	
840	Malakâl	230	11	20	01	2	3	Cb,Ac,Ci	11.1		25	20	19		74	0		
880	Wâu	220	4	20	02	0	1	Ac	11.0		25	21	22		79	0		
941	Juba	00	0	20	60	6	7	Sc,Ac,As	14.9		23	21	21		89	15		

SHIP REPORTS IN CODE

At 1200 on 23rd	At 1800 on 23rd	At 0600 on 24th
13267 34712 03218 78000 98384 00000 00276 13232	13332 26218 02805 98020 12379 00900 24400 00173 12820	23326 29006 02811 98020 09380 00000 24400 00473 12822
13260 35212 03316 99020 04029 00900 75400 00421 13223	13253 35618 03308 98020 03029 00900 36400 00224 13322	23320 30706 02906 97020 08725 00900 76106 00024 12921
13234 35712 23313 99020 03187 00905 74400 00777 13322	13243 36318 03309 79020 03684 00900 74400 00480 13322	23328 29906 03005 98020 09225 00900 26710 02122 13021
13248 36012 03215 97000 10036 00X00 85607 00477 13232	13345 32318 02709 98030 06781 00900 65210 00375 127AX	23211 38206 03104 98020 04330 00900 76218 00025 13020
13325 28812 03085 97020 11325 00900 65701 00221 13021	13261 35118 03305 98600 03883 00X00 85206 00276 13221	23257 35106 03313 99020 03774 00900 74320 00371 13322
		23345 28806 02907 98020 07978 00900 65400 00371 129X2

* 9 = Sky obscured by fog etc.

(A) AERODROME

S.M

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matrouh		Cairo(A)		Luxor		Alex.(A)		P Said		Minya		Siwa		Hurghada		Alex (A)		Siwa	
DATE	24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6		24-6	
TIME	[illegible]		1700		1700		1700		1700		1700		1700		1700		1700		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	42	360	13	300	14	320	16	340	10	10	21	360	27	320	29	320	11	20	26
600 m.	[illegible]	17	[illegible]	21	350	14	310	16	330	16	320	12	10	25	10	21	340	11	340	23	10	17
1000 m.	[illegible]	10	[illegible]	21	350	11	310	16	340	21	300	10	350	22	10	18	340	12	340	23	10	19
1500 m.	[illegible]	20			340	16	320	24	350	17	300	11	340	22	10	20	290	10	320	23	360	20
2100 m.	[illegible]	[illegible]					330	3	350	9	330	10	330	35	10	15			260	13	350	22
2400 m.									340	8	10	3			10	20			270	2	350	19
3000 m.											330	7							350	16		
4000 m.											270	12										
5000 m.																						
6000 m.																						

STATION	Minya		Matrouh		Cairo(A)		Luxor		Hurghada		Siwa		Matrouh		Aswan		Alex.(A)		Minya		Siwa	
DATE	24-6		24-6		24-6		24-6		24-6		25-6		25-6		25-6		25-6		25-6		25-6	
TIME	2300		2300		2300		2300		2300		0500		0500		0500		0500		0500		0500	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	17	340	5	300	4	[illegible]	23	360	15	[illegible]	32	340	12	310	15	350	9	20	15
600 m	[illegible]	[illegible]	260	21	330	4	330	6	340	12	350	14	260	31	340	19	310	15	360	11	30	19
1000 m	[illegible]	20	[illegible]	22	350	8	330	9	320	12	[illegible]	15	350	28	340	12	300	17	350	9	40	17
1500 m.	340	22	340	23	330	6	350	19	[illegible]	9	[illegible]	16	[illegible]	26	330	3			340	10	20	21
2100 m.	[illegible]	[illegible]	330	23	290	7	360	13	270	16					310	5			330	17	10	25
2400 m.	[illegible]	2	340	22			360	16	270	5									320	22	350	23
3000 m.	[illegible]	[illegible]																			330	34
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Kharga		S Fayum		Aswan		Alex (A)		P Said		Minya		Siwa		Dakhla		Kharga		Fayum		Hurghada	
DATE	25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6	
TIME	0500		1100		1100		1100		1100		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	[illegible]	[illegible]	[illegible]	29	10	6	320	13	280	10	20	10	330	23	350	18	350	8	270	9	340	23
600 m.	[illegible]	[illegible]	[illegible]	26	330	4	330	14	320	2	360	4	350	20	360	18	340	17	280	12	340	22
1000 m	10	[illegible]	360	23	320	5	330	18	310	5	310	10	330	24	360	19	340	25	280	10	330	20
1500 m.	[illegible]	[illegible]			240	7			300	10	310	21	[illegible]	23	350	36	350	30			290	22
2100 m.	[illegible]	[illegible]			250	20			240	5	330	20	360	23			340	37			240	28
2400 m.	[illegible]	[illegible]			250	23					340	22									240	32
3000 m.	[illegible]	[illegible]																			250	20
4000 m																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																						
1000 mb.																						
950 mb																						
900 mb.																						
850 mb.																						
800 mb																						
700 mb.																						
600 mb.																						
500 mb																						
400 mb.																						
300 mb.																						
200 mb.																						

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 25th JUNE 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow:

Hot weather continues, especially in the extreme south. Moderate NW by winds. Early morning mist in scattered places of Lower Egypt & Cairo.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 55 U.T. / Sunset 17 00 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 24th

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	Salloûm	30	10	18	02	0	0	—	11.0	24	20	79
	303	Sîdi Barrani	330	18	18	02	0	0	—	11.1	28	22	70
	306	Matrûh (A)	300	20	16	02	0	0	—	10.1	30	20	55
	309	El Dab'aa	340	19	20	00	0	0	—	9.2	29	20	59
	319	Alexandria	310	12	20	02	0	0	—	8.8	28	22	70
	318	Alexandria (A)	320	11	16	02	0	0	—	8.6	30	22	62
	330	Damietta	340	2	20	00	0	0	—	8.6	32	18	43
	333	Port Saîd (A)	360	6	15	02	0	0	—	5.7	29	23	70
	336	El Ârish											
Lower Egypt	339	Damanhûr	230	2	20	02	0	0	—	9.0	34	19	41
	342	Mansûra	320	3		01	1	3	Ac	7.6	36	19	37
	348	Tanta	310	4	20	02	0	0	—	8.8	35	19	39
	360	Shebîn el Kôm	290	2	20	00	0	0	—	7.6	35	16	32
	354	Zagazig	00	0	20	02	0	0	—	7.0	36	18	35
	438	Abu Sueir	300	10	20	02	0	0	—	6.9	38	1	10
Cairo Area	366	Cairo (A)	360	8	20	02	0	0	—	6.7	37	6	14
	372	Cairo Almâza (A)	360	8	15	02	0	0	—	7.1	36	12	24
	374	Cairo Ezbekîya											
	375	Gîza	30	6	10	02	0	0	—	7.0	36	16	31
	378	Helwân	00	0	10	02	0	0	—	6.6	36	7	17
Upper Egypt	381	Fayoûm	360	4	20	02	0	0	—	7.0	37	12	22
	387	Minya (A)	20	7	10	02	0	0	—	7.4	36	12	24
	393	Asyoût (A)	320	12	22	02	0	0	—	6.1	37	4	13
	399	Nag Hamâdi	220	2	10	01	0	2	Ac	4.6	38	14	24
	402	Qena	290	2	20	00		0	—	3.0	39		
	405	Luxor (A)	330	3	22	02	0	0	—	3.5	41	7	13
	414	Aswân	350	8	15	02	0	0	—	2.1	44	0	7
Oases	417	Sîwa	20	10	16	02	0	0	—	9.5	40	0	8
	420	Bahariya	340	4	16	02	0	0	—	7.9	37	14	25
	423	Farafra	320	5	20	02	0	0	—	9.6	38	4	12
	432	Dakhla	10	11	18	02	0	0	—	6.9	39	8	15
	435	Kharga	360	20	10	02	0	0	—	4.3	38	8	16
Red Sea	450	Suez	330	3	50	02	0	0	—	7.2	35	11	23
	459	Tôr											
	462	Hurghâda	360	20	22	02	0	0	—	2.6	32	18	43
	465	Quseir	350	11	20	02	0	0	—	4.4	31	17	43
	641	Port Sudan	40	13	18	07	0	2	Cu	1.7	39	24	42
North Sudan	600	Wadi Halfa	20	15	18	01	0	0	—	3.2	43	5	10
	640	Abu Hamad	50	2	22	03	1	1	Cu	0.7	45	11	14
	660	Kareima	350	1	21	01	1	3	Ac	99.1	45	8	11
	680	Atbara	160	5	15	05	0	0	—	0.6	42	13	18
	721	Khartoûm	230	13	13	06	0	8	Cu	0.5	41	15	22
	730	Kassala	190	5	20	02	2	5	Cu, Ac	3.0	38	15	25
Central Sudan	751	Wâd Medani	220	16	10	03	1	4	Cb	3.6	38	17	29
	801	Renk	180	9	20	02	1	6	Sc	8.7	30	23	66
	802	Roseires	230	2	20	01	2	3	Ac	6.1	30	18	49
	771	El Obeid	240	13	20	03	2	4	Cu, Cs	2.8	37	13	24
	760	El Fasher	30	6	32	03	1	3	Cu, Ac	2.5	39	4	12
	770	Geneina	270	9	34	01	1	3	Cu, Ci	5.4	35	15	30
S. Sûdân	840	Malakâl	260	3	20	03	1	6	Cb, Cs	8.8	30	20	55
	880	Wâu	230	5	20	03	1	4	Cu	7.4	32	21	52
	941	Juba	130	6	24	21	6	7	Cb, Ac	11.2	26	22	79

At 1800 on 24th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Salloûm	270	12	12	02	0	0	—	10.5	29	21	26	-4	62	0
Sîdi Barrani	320	13	12	02	0	0	—	10.1	24	22	29		89	0
Matrûh (A)	290	10	13	02	0	0	—	9.9	25	21	31		79	0
El Dab'aa	270	12	20	00	0	0	—	9.3	25	21	30		79	0
Alexandria	360	9	20	63	0	4	Cu	8.3	24	23	29	0	94	0
Alexandria (A)	340	3	12	02	0	0	—	7.9	24	23	30	+1	94	0
Damietta	320	2	4	02	0	0	—	7.8	28	19	33	+4	58	0
Port Saîd (A)	340	8	18	02	0	0	—	6.9	27	22	32	+3	74	0
El Ârish														
Damanhûr	330	2	10	02	0	0	—	9.0	25	22	34	+2	84	0
Mansûra	20	3		60	0	0	—	7.5	29	18	38	+3	52	0
Tanta	330	4	20	02	0	0	—	7.8	31	21	38	+3	55	0
Shebîn el Kôm	290	2	10	00	0	0	—	7.4	29	19	36		35	0
Zagazig														
Abu Sueir	360	10	10	02	0	0	—	7.1	30	18	38		49	0
Cairo (A)	10	7	12	02	0	0	—	6.9	32	17	38		41	0
Cairo Almâza (A)	340	10	15	02	0	0	—	6.7	33	14	38	+3	32	0
Cairo Ezbekîya											39	+4		
Gîza	340	5	10	02	0	0	—	6.2	31	13	37	+2	33	0
Helwân	340	3	10	02	0	0	—	6.3	33	10	37	+2	24	0
Fayoûm	360	4	20	02	0	0	—	6.3	32	14	39	+3	34	0
Minya (A)	10	6	8	02	0	0	—	5.7	28	13	37	0	40	0
Asyoût (A)	290	3	10	02	0	0	—	5.7	31	10	38	+1	28	0
Nag Hamâdi	00	0	4	01	0	1	Ac	5.5	27	12	39	+1	52	0
Qena	290	6		00		0	—	4.6	31		40	-1		0
Luxor (A)	270	3	12	02	0	0	—	3.5	34	9	43		22	0
Aswân	360	7	12	02	0	0	—	3.2	37	6	44	+2	14	0
Sîwa	20	11	16	02	0	0	—	9.0	36	9	41	+3	19	0
Bahariya	360	2	11	02	0	0	—	7.3	32	13	38	+2	32	0
Farafra	20	6	15	02	0	0	—	7.8	30	8	44		25	0
Dakhla	320	7	10	02	0	0	—	6.7	33	9	41	+2	23	0
Kharga	00	0	9	02	0	0	—	4.6	32	6	39	0	20	0
Suez	360	3	10	02	0	0	—	6.3	32	14	38	+3	34	0
Tôr														
Hurghâda	300	15	10	02	0	0	—	8.7	31	16	34	+3	41	0
Quseir	340	5	20	02	0	0	—	4.8	30	17	33	0	46	0
Port Sudan	290	1	20	01	0	0	—	2.1	31	15	40		38	0
Wadi Halfa	350	10	20	02	0	0	—	3.2	37	8	45		17	0
Abu Hamad	90	2	22	01	1	1	Ac	0.1	40	10	46		16	0
Kareima	00	0	21	03	2	7	Ac, Ci	98.8	40	13	47		20	0
Atbara	190	6	15	05	0	0	—	0.4	38	14	43		24	0
Khartoûm	90	43	0.2	35	2	9		4.8	27	21	42		70	dr
Kassala	70	7	10	95	9	8	Cb, As	8.7	22	21	38		94	22
Wâd Medani	20	8	20	13	2	8	Cb, Ac, Cs	5.5	30	18	39		49	0
Renk														
Roseires														
El Obeid											38			
El Fasher	00	0	40	01	0	1	Ac	2.3	33	7	40		20	0
Geneina	30	15	50	03	1	5	Cb	7.3	28	10	37		33	0
Malakâl	160	15	20	21	6	8	Cb, Ac, Ci	11.5	22	21	31		94	0.1
Wâu											33			
Juba	00	0	34	13	2	6	Cb, Ac	10.7	23	21	27		89	6

At 0600 on TUESDAY 25th JUNE 1957

Station	Wind Direction	Wind Velocity	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Diff from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
Salloûm	[illegible]	14	18	02	0	0	—	10.0	-1.7	30	17	24	+4	46	0	260	
Sîdi Barrani	300	14	18	00	0	0	—	9.8		26	22	22		79	0	257	
Matrûh (A)	290	18	16	02	0	0	—	9.0	-2.9	28	20	22		62	0	270	
El Dab'aa	210	15	10	00	0	0	—	7.9		27	21	23		70	0	208	
Alexandria	310	10	20	01	0	0	—	7.6	-4.0	24	23	23	+2	94	0	284	186
Alexandria (A)	240	10	12	01	0	0	—	7.2	-4.0	27	22	23	+2	74	0	256	138
Damietta	200	2	1	11	2	8	As	7.9	-2.5	24	23	20	0	94	0	249	106
Port Saîd (A)	250	9	18	02	1	6	Sc	6.8	-3.9	26	22	23	0	79	0		
El Ârish																	
Damanhûr	310	2	10	01	0	1	Cu	7.9	-2.8	26	23	21	+2	84	0	140	101
Mansûra	[illegible]	3	[illegible]	01	0	3	Cu	7.2	-3.6	26	22	22	+3	79	0	104	55
Tanta	210	8	20	03	2	8	Cs	7.4	-3.5	24	22	21	+3	89	0	92	44
Shebîn el Kôm	220	2	10	01	1	0	—	7.5	-3.6	25	22	22		84	0	68	
Zagazig	320	2	10	01	2	3	Cu	7.6	-3.3	24	21	22	+4	84	0	53	27
Abu Sueir	250	10	2	10	4	0	—	7.6		24	19	21		74	0		
Cairo (A)	310	6	5	42	4	6	Sc	7.8		25	21	21		79	0	59	
Cairo Almâza (A)	270	1	12	01	2	3	Cu, Sc	7.8	-3.6	26	20	21	0	70	0	60	
Cairo Ezbekîya										26	20	21	+1	70	0	43	26
Gîza	310	3	10	02		0	—	8.2	-2.8	26	21	22	+4	74	0	58	27
Helwân	[illegible]	0	3	05	0	0	—	8.0	-2.8	24	19	21	0	74	0	36	29
Fayoûm	360	4	20	02	0	0	—	8.6	-2.0	27	19	21	+1	62	0	16	8
Minya (A)	350	2	8	02	0	0	—	8.2	-2.9	26	17	20	+1	58	0	10	
Asyoût (A)	360	7	16	02	0	0	—	7.5	-2.1	27	14	24	+3	45	0	dr.	
Nag Hamâdi	[illegible]	[illegible]	4	01	0	1	Ac	7.1	-1.3	28	16	21	+1	49	0	1	
Qena	[illegible]	0	[illegible]	00		0	—	6.4	-1.4	29		24	0		0	dr.	
Luxor (A)	200	2	22	02	0	0	—	5.4	-2.6	34	9	24		22	0	0	
Aswân	20	2	11	02	0	0	—	6.7	-1.3	35	11	25	-1	23	0	8	
Sîwa	200	4	15	02	0	0	—	10.4	-2.7	28	13	24	+4	40	0	27	8
Bahariya	330	6	15	02	0	0	—	8.9	-2.4	28	18	22	+3	55	0	2	7
Farafra																dr.	
Dakhla	280	5	19	02	0	0	—	8.5	-1.9	30	12	24	+1	33	0	1	
Kharga	10	2	12	02	0	0	—	6.6	-2.1	31	14	20	-3	36	0	6	
Suez	20	2	20	03	0	0	—	7.1	-2.8	26	21	21	-1	74	0	45	17
Tôr																	
Hurghâda	320	15	22	02	0	0	—	4.8	-2.8	32	11	24	0	28	0	0.4	
Quseir	340	10	20	02	0	0	—	5.3	-2.2	31	20	25	-1	52	0	dr.	4
Port Sudan	250	3	20	01	0	1	Ac	4.8		35	25	26		56	0		
Wadi Halfa	10	4	20	02	0	1	Ac	6.5		31	5	25		19	0		
Abu Hamad	10		3.5	05	6	2	Ac	4.3		36	16	33		31	0		
Kareima	[illegible]	2	3.8	06	2	8	Ac	5.2		35	17	33		35	0		
Atbara	240	7	15	05	0	7	Ac, Cs	6.5		31	18	28		46	0		
Khartoûm	120	15	20	02	2	7	Ac	7.9		28	19	25		58	1		
Kassala	180	2	20	02	2	8	Ac, Cs	9.2		27	19			68			
Wâd Medani	200	17	20	02	2	7	Ac, As	9.4		26	18	25		62	0		
Renk																	
Roseires																	
El Obeid	200	23	20	01	2	6	Ac, Ci	8.5		24	18	22		69	12		
El Fasher	10	[illegible]	40	02		8	Ac, Cs	7.2		28	14	23		42	0		
Geneina																	
Malakâl																	
Wâu			10	60	9	8	As	13.8		19	19	19		97	56		
Juba	210	1	24	20	2	4	St, Ac	12.9		23	21	20		89	6		

23266	34612	03410	99020	03129	00900	74805	23239	36318	03105	98020	02529	00900	76208	00225	13020
23216	37712	03313	98020	02030	00900	76717	23231	36818	03310	98020	01929	00900	76163	00126	13343
23236	36612	03315	98020	01730	00900	76506	23252	03618	03209	98020	02588	00900	76108	00076	13334
23321	30712	02811	98020	08529	00800	24805	23275	34118	03318	98020	02194	00900	74300	00870	133XX
23324	28812	03009	97020	08825	00900	66803									

[illegible]

23290	32806	03313	99020	05027	00900	73220	01020	133XX
33338	23506	03407	98020	11225	00900	66208	00122	13422
33269	34406	03108	98020	04529	00900	76215	00422	13021
33257	35206	03215	98020	04530	00900	75215	00622	13243
33329	26906	03209	98020	08926	00900			
33237	36506	03312	98020	03430	00900	35804	00222	13232

* 9 = Sky obscured by fog etc.

(A) AERODROME

S. M.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6		25-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	12	300	15	350	14	300	17	320	11	10	4	20	10	330	13	320	9	10	20	360	28
600 m.	350	16	320	13	310	15	320	24	290	11	30	3	10	23	360	17	330	10	360	21	10	23
1000 m.	360	19	330	10	340	14	310	23	290	11	30	3	10	26	20	18	320	10	350	18	360	33
1500 m.	360	24	310	9	310	14	330	18	300	9	350	4	10	31	360	7	350	7	330	11	350	12
2100 m.	360	26	300	4	270	12	320	18	360	11	350	7	350	26	350	8	360	12	290	10	360	30
2400 m.			320	6	280	15	320	19	350	8	360	13					10	14	280	9	360	21
3000 m.					360	30	320	13	300	4	20	10							310	15		
4000 m.							300	6	290	23												
5000 m.																						
6000 m.																						

STATION	Abu Sueir		Cairo (A)		Aswan		Alex. (A)		P. Said		Minya		Siwa		Alex. (A)		P. Said		Minya		Siwa	
DATE	25-6		25-6		25-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1200		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	10	320	5	20	19	310	17	320	5	340	10	360	15	290	15	300	7	360	12	360	7
600 m.	360	7	330	4	330	26	340	10	280	5	340	12	360	20	290	13	280	10	10	17	360	17
1000 m.	340	10	340	10	310	30	350	10	300	4	340	15	360	21	290	16	290	9	20	17	360	17
1500 m.	330	13	350	14	300	9	340	12			360	17	350	20	300	16	280	8			350	18
2100 m.	350	12			240	17	330	17					360	31			220	16			360	35
2400 m.					270	17	320	17					10	26			280	9			20	30
3000 m.							350	12					360	35			300	8				
4000 m.																	290	14				
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Aswan		Bahariya		Hurghada		S. Barrani		Matruh		Aswan		Luxor		Luxkhla		Kharga	
DATE	26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6	
TIME	0500		0500		0500		0500		0500		1100		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	15	320	18	340	10	350	16	310	15	340	14	340	23	290	10	280	14	330	21	320	14
600 m.	20	16	360	19	340	15	350	21	330	21	340	11	330	18	290	6	290	15	320	33	310	17
1000 m.	10	21	340	17	340	14	360	16	340	13	360	19	320	14	340	9	290	9	320	33	310	17
1500 m.	360	20			250	7	360	17	310	13			320	12	280	8	300	4	320	30	20	5
2100 m.	90	30			290	7	360	20					320	9	290	11						
2400 m.	360	30			290	16	350	22					330	8	260	15						
3000 m.							330	12					360	12								
4000 m.							340	21														
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	26-6																			
TIME	1130																			
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface	70	35																		
1000 mb.	70	35																		
950 mb.																				
900 mb.																				
850 mb.	1506	19																		
800 mb.																				
700 mb.	3134	10																		
600 mb.																				
500 mb.	5850	-7		320	14															
400 mb.	7553	-19		290	17															
300 mb.	9637	-30		280	30															
200 mb.	12420	-47		260	58															

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 71

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 26th JUNE, 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W"

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: From noon today to noon tomorrow:

Hot weather continues in Lower Egypt & Cairo with high humidity during night. Clear sky; low clouds increasing early morning, clearing quickly. Light/moderate NW'ly winds. In Upper Egypt: Weather is too hot specially in the south. Light NW'ly winds. Clear sky.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 55 U.T. / Sunset 17 00 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 25th

Area	Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather w.w.	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	360	15	18	02	0	0	—	10.1	36	23	47
	303	SÎDI BARRÂNI	320	20	12	02	0	0	—	10.0	28	22	70
	306	MATRÛH (A)	290	22	16	02	0	0	—	9.0	30	21	59
	309	EL DAB'AA	270	14	10	00	0	0	—	8.7	30	19	52
	319	ALEXANDRIA	320	13	20	02	0	0	—	7.4	28	22	70
	318	ALEXANDRIA (A)	320	13	12	02	0	0	—	7.1	28	24	79
	330	DAMIETTA	320	2	20	00	0	0	—	7.1	30	22	55
	333	PORT SA'ID (A)	340	9	20	02	0	0	—	5.9	29	25	79
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	330	2	20	02	0	0	—	7.5	33	19	44
	342	MANṢÛRA	270	3	4	00	0	0	—	6.6	38	16	27
	348	ṬANṬA	270	5	20	02	0	0	—	7.8	35	19	39
	360	SHEBÎN EL KÔM	290	5	20	00	0	0	—	7.1	35	16	32
	354	ZAGAZIG	00	0	20	02	0	0	—	6.7	31	21	55
	438	ABU SUEIR	280	9	20	02	0	0	—	5.6	37	6	14
Cairo Area	366	CAIRO (A)	300	8	20	02	0	0	—	5.7	36	10	20
	372	CAIRO ALMÂZA (A)	290	11	25	02	0	0	—	6.1	37	12	22
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	2	10	02	0	0	—	6.6	38	10	18
	378	ḤELWÂN	290	3	20	02	0	0	—	5.8	36	10	20
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	6.6	36	13	25
	387	MINYA (A)	20	6	10	02	0	0	—	6.4	37	14	25
	393	AṢYOÛT (A)	230	8	20	02	0	0	—	5.7	37	7	16
	399	NAG' HAMÂDI	00	0	10	01	0	3	Ac	5.3	38		
	402	QINA	00	0	20	00		0	—	4.8	37		
	405	LUXOR	280	12	22	02	0	0	—	3.6	42	4	10
	414	ASWÂN	360	3	15	02	0	0	—	3.6	34	10	23
Oases	417	SÎWA	360	12	16	02	0	0	—	8.7	40	4	11
	420	BAHARÎYA	280	3	18	02	0	0	—	7.2	38	14	24
	423	FARAFRA	340	7	20	02	0	0	—	8.0	39	7	14
	432	DAKHLA	350	12	22	02	0	0	—	6.9	39	7	14
	435	KHARGA	360	8	10	02	0	0	—	4.3	39	10	17
Red Sea	450	SUEZ	180	1	50	02	0	0	—	5.8	37	17	31
	459	TÔR											
	462	HURGHADA	140	15	22	02	0	0	—	3.0	31	18	46
	465	QUSEIR	360	9	20	02	0	0	—	5.0	33	21	50
	641	PORT SÛDAN	110	10	18	07	0	1	Cu	3.3	38	27	53
North Sudan	600	WADI HALFA	320	11	20	02	0	1	Ci	4.4	41	8	14
	640	ABU HAMAD	230	5	4	05	0	1	Cu	2.3	43	14	18
	660	KAREIMA	230	4	15	06	1	0	—	2.3	42	13	18
	680	'AṬBARA	200	10	15	07	0	2	Cu	3.0	39	15	24
	721	KHARṬOÛM	200	16	18	06	1	6	Ac	3.7	37	17	31
	730	KASSALA	220	3	20	03	1	7	Cu, Cs	4.9	36	16	31
Central Sudan	751	WÂD MEDANI	250	10	20	02	2	7	Ac, As	6.5	33	17	38
	801	RENK											
	802	ROSEIRES	280	5	20	02	2	4	Ac	6.1	32	17	41
	771	EL OBEID	180	11	20	03	2	6	Cu, Ac, Cs	4.8	34	13	29
	780	EL FASHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	230	9	20	01	2	6	Cu, Ac	8.7	31	12	31
	880	WÂU	180	6	20	02	6	7	Ac, Cs	7.7	28	22	70
	941	JUBA	140	3	24	03	2	7	Cb, Ac	8.1	30	21	59

At 1800 on 25th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	360	16	12	02	0	0	—	9.7	29	22	36	+6	66	0
303	SÎDI BARRÂNI	290	9	15	02	0	0	—	9.2	25	21	29		79	0
306	MATRÛH (A)	280	11	15	02	0	0	—	9.1	25	20	31		74	0
309	EL DAB'AA	270	10	20	00	0	0	—	8.7	25	20	31		74	0
319	ALEXANDRIA	360	10	20	02	0	0	—	7.2	24	23	29	0	94	0
318	ALEXANDRIA (A)	290	10	12	03	0	1	Sc	7.0	25	23	29	0	89	0
330	DAMIETTA	320	3	4	02	0	0	—	5.9	27	23	33	+4	79	0
333	PORT SA'ID (A)	350	11	15	02	0	0	—	5.9	26	25	35	+6	94	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	7.1	25	22	34	+2	84	0
342	MANṢÛRA	00	0	20	03	0	0	—	6.3	29	20	39	+4	59	0
348	ṬANṬA	270	4	20	02	0	0	—	6.4	30	22	37	+2	62	0
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	6.3	31	19	37		49	0
354	ZAGAZIG	320	1	10	02	0	0	—	6.3	31	19	33	-2	49	0
438	ABU SUEIR	320	9	10	02	0	0	—	5.7	33	10	38		24	0
366	CAIRO (A)	330	5	20	02	0	0	—	6.0	32	14	38		34	0
372	CAIRO ALMÂZA (A)	310	8	15	02	0	0	—	5.6	32	14	39	+4	34	0
374	CAIRO EZBEKÎYA											39	+4		0
375	GIZA	320	4	10	02	0	0	—	6.6	31	18	39	+4	46	0
378	ḤELWÂN	320	6	10	02	0	0	—	5.8	32	14	38	+3	34	0
381	FAYOÛM	360	4	20	02	0	0	—	5.8	32	16	39	+3	32	0
387	MINYA (A)	00	0	8	02	0	0	—	5.2	28	14	38	+1	42	0
393	AṢYOÛT (A)	00	0	12	02	0	0	—	5.3	32	13	38	+1	32	0
399	NAG' HAMÂDI	00	0	4	01	0	2	Ac	5.5	28	15	39	+1	45	0
402	QINA	270	0		00		0	—	5.1	30		39	-2		0
405	LUXOR	270	2	12	02	0	0	—	3.5	34	10	42		23	0
414	ASWÂN	360	7	12	02	0	0	—	3.2	36	10	44	+2	20	0
417	SÎWA	40	12	14	02	0	0	—	8.8	35	6	41	+3	16	0
420	BAHARÎYA	350	5	11	02	0	0	—	6.5	38	11	38	+2	26	0
423	FARAFRA	330	3	12	02	0	0	—	8.0	34	8	39		20	0
432	DAKHLA	320	8	7	02	0	0	—	5.8	33	8	40	+1	21	0
435	KHARGA	00	0	8	02	0	0	—	4.7	33	12	40	+1	28	0
450	SUEZ	330	3	10	02	0	0	—	5.0	34	9	39	+3	22	0
459	TÔR														
462	HURGHADA	300	6	10	02	0	0	—	3.2	27	17	34	+3	55	0
465	QUSEIR	350	1	20	02	0	0	—	4.4	30	17	33	0	46	0
641	PORT SÛDAN	00	0	20	03	0	2	Cu	3.3	33	23	40		56	0
600	WADI HALFA	350	9	20	02	0	2	Ac, Ci	4.2	37	9	43		18	0
640	ABU HAMAD	270	5	10	05	0	1	Ac	1.8	38	15	44		25	0
660	KAREIMA	110	10	20	95	3	7	Cb Ac	2.5	37	16	43		29	dr
680	'AṬBARA	190	5	17	05	1	4	Ci	2.5	37	15	41		27	0
721	KHARṬOÛM	180	9	20	01	2	3	Ac, Ci	4.5	34	16	38		34	0
730	KASSALA	300	2	20	17	2	8	Cb, Ac, Cs	5.3	33	17	37		38	0
751	WÂD MEDANI	00	0	20	02	2	7	Ac, Cs	6.4	31	17	35		43	0
801	RENK											33			
802	ROSEIRES														
771	EL OBEID	200	11	20	01	1	5	Ac	0.9	29	17	35		49	0
780	EL FASHER	160	6	25	01	1	2	Ac	2.9	33	11	38		26	0
770	GENEINA	00	0	50	03	2	7	Ac, As	3.2	34	10	39		23	0
840	MALAKÂL											31			
880	WÂU	00	0	20	02	1	4	Sc, Ci	7.6	27	24	30		84	6
941	JUBA	00	0	24	01	2	3	Cb, Ci	8.8	25	24	31		94	0

At 0600 on WEDNESDAY 26th JUNE 1957

Index	Station	Wind Direction	Wind Velocity	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Diff. from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	270	18	18	02	0	0	—	9.6	-2.0	28	21	24	+4	66	0	260	
303	SÎDI BARRÂNI	300	16	18	00	0	0	—	9.0		26	21	26		74	0	257	
306	MATRÛH (A)	280	14	16	02	0	0	—	8.7	-3.1	27	22	23		74	0	270	
309	EL DAB'AA	210	12	10	20	0	0	—	7.9		27	21	23		70	0	208	
319	ALEXANDRIA	310	8	20	02	0	0	—	7.8	-3.6	25	22	23	+1	84	0	284	186
318	ALEXANDRIA (A)	320	7	12	02	0	3	Sc	7.2	-3.8	26	23	23	+2	84	0	256	138
330	DAMIETTA	200	2	1	11	2	8	As	7.2	-3.1	24	23	21	0	94	0	249	106
333	PORT SA'ID (A)	250	4	10	01	1	1	Sc	6.4	-4.1	27	22	24	+1	74	0		
336	EL 'ARISH																	
339	DAMANHÛR	270	2	10	01	1	0	—	7.4	-3.2	26	23	23	+4	84	0	140	101
342	MANṢÛRA	220	0	3	00	0	0	—	7.1	-3.6	27	20	23	+4	66	0	104	55
348	ṬANṬA	00	0	20	03	2	6	Cu, As	8.0	-2.8	25	22	22	+4	84	0	92	44
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	7.5	-3.5	26	21	23		74	0	68	
354	ZAGAZIG	40	1	10	02	0	0	—	7.0	-3.8	26	21	22	+4	74	0	53	27
438	ABU SUEIR	250	6	12	02	0	0	—	7.0		26	20	23		70	0		
366	CAIRO (A)	[illegible]	[illegible]	10	02	1	0	—	7.3		25	20	22		74	0	59	
372	CAIRO ALMÂZA (A)	[illegible]	[illegible]	10	01	0	3	Sc	7.4	-3.9	26	20	23	+2	70	0	60	
374	CAIRO EZBEKÎYA										27	19	22	+2	62	0	43	26
375	GIZA	00	0	10	01	—	0	—	8.0	-2.9	25	21	23	+3	79	0	58	27
378	ḤELWÂN																36	29
381	FAYOÛM	360	4	20	02	0	0	—	8.0	-2.5	27	20	22	+2	66	0	16	8
387	MINYA (A)	360	[illegible]	10	02	0	0	—	7.1	-3.9	28	17	20	+1	52	0	10	
393	AṢYOÛT (A)	300	3	14	02	0	0	—	7.5	-2.0	28	12	25	+4	37	0	dr.	
399	NAG' HAMÂDI	00	0		01	0	1	Ac	7.0	-1.3	29	18	21	+1	52	0	1	
402	QINA	290	3	10	00		0	—	6.3	-1.4	32		24	0		0	dr.	
405	LUXOR	220	6	22	02	0	0	—	5.5	-2.5	33	9	23		23	0	0	
414	ASWÂN	90	0	8	02	0	0	—	6.6	-1.3	34	13	24	-2	29	0	8	
417	SÎWA	360	2	15	02	0	0	—	9.6	-3.4	27	17	24	+4	55	0	27	8
420	BAHARÎYA	250	[illegible]	15	02	0	0	—	8.5	-2.7	27	16	21	+2	52	0	2	7
423	FARAFRA	300	3	13	02	0	0	—	10.6		30	7	22		24	0	dr.	
432	DAKHLA	280	5	20	02	0	0	—	8.4	-1.9	30	10	25	+2	29	0	1	
435	KHARGA	00	0	12	02	0	0	—	6.0	-2.6	32	14	21	-2	34	0	6	
450	SUEZ																45	17
459	TÔR																	
462	HURGHADA	350	12	20	02	0	0	—	4.6	-2.9	30	19	23	-1	52	0	0.4	
465	QUSEIR	340	14	20	02	0	0	—	4.4	-3.0	33	18	22	-4	41	0	dr.	4
641	PORT SÛDAN	120	4	18	05	0	1	Ac	4.9		35	25	26		56	0		
600	WADI HALFA	00	0	20	02	1	3	Ac	8.2		31	9	25		26	0		
640	ABU HAMAD	320	2	10	05	1	4	Ac, Ci	5.9		35	17	31		35	0		
660	KAREIMA	200	15	05	07	2	0	—	7.0		33	18	32		41	dr		
680	'AṬBARA	230	12	13	07	1	5	Ac, Cs	7.1		31	16	28		41	0		
721	KHARṬOÛM	180	2	20	03	2	7	Ac, Ci	9.9		29	19	26		55	0		
730	KASSALA	180	5	20	02	2	7	Ac, Cs	9.5		27	18	20		58	17		
751	WÂD MEDANI	200	13	20	02	2	7	Ac, As, Cs	9.3		29	19	24		55	0		
801	RENK	180	2	20	02	0	6	Cc	8.9		26	22	22		79	0		
802	ROSEIRES																	
771	EL OBEID	180	7	20	01	1	3	Ac	9.4		27	19	24		62	0		
780	EL FASHER	160	13	25	02	2	7	Ac, As	9.0		28	19	27		58	0		
770	GENEINA	230	9	50	04	1	8	Ac, As	10.0		27	20	24		66	0		
840	MALAKÂL	00	0	20	01	2	3	Ac	11.8		27	23	24		79	0		
880	WÂU	220	2	20	02	1	4	Ac	11.6		25	23	22		89	6		
941	JUBA	180	1	20	02	2	7	Sc, Ac, As	12.2		25	22	22		84	0		

33342 26312 03410 98020 08620 00900 76110 00820 13522 | 33339 23018 03309 98020 12178 00900

33324 29412 03013 97010 07280 00900 75400 0XX73 130X1

33333 25012 03009 8020X 10280 00900

33342 21812 03310 98020 13826 00900 66207 00233 13321

SHIP REPORTS in code

43229 37206 22003 98000 04829 00910 74336 00227 149KK

42333 23006 22811 98021 09128 21400 26403

* 9 = Sky obscured by fog etc.

(A) AERODROME

S.M.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo A.		Aswan		Alex. A.		P. Said		Minya		Siwa		Alex. A		P. Said		Minya		Siwa	
DATE	26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6		26-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	17	340	12	290	7	320	18	320	24	30	15	10	14	320	22	310	21	10	22	30	15
600 m.	320	9	350	12	290	13	330	12	320	16	10	13	10	15	350	16	310	19	20	17	20	19
1000 m.	320	19	350	12	300	11	320	11	330	10	10	17	360	20	350	14	320	19	360	15	30	20
1500 m.	340	17	350	14	300	13	340	10	360	13	350	15	360	21	340	15	330	20	320	16	120	19
2100 m.	10	25			300	11	340	13	20	19	340	21	10	37	330	17	330	31	310	15	10	22
2400 m.	10	30			280	16	350	14	20	23	310	22	20	53	340	23	320	29	320	16	330	26
3000 m.	360	28							10	14			20	30	10	37	120	3	360	15		
4000 m.									340	19												
5000 m.									320	30												
6000 m.									340	37												

STATION	Matruh		Cairo A.		Luxor		[illegible]		[illegible]		[illegible]		[illegible]		Alex. A		P. Said		Minya		Siwa	
DATE	26-6		26-6		26-6		[illegible]		[illegible]		[illegible]		[illegible]		27-6		27-6		27-6		27-6	
TIME	2300		2300		2300		[illegible]		[illegible]		[illegible]		[illegible]		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	14	300	3	340	9	300	19	240	12	10	7	360	16	310	23	260	19	340	6	300	23
600 m.	360	13	360	9	340	13	300	9	230	9	20	13	10	10	310	26	230	12	310	6	300	18
1000 m	10	13	340	15	340	19	250	7	210	4	10	15	340	13			260	10	320	14	320	10
1500 m.			320	9	330	8			220	7	350	17	342	15			270	16	350	16	290	14
2100 m.			340	20	30	4							350	20					10	25	300	22
2400 m.			350	16	40	5							340	16					360	26	310	19
3000 m.			310	58									340	25							320	30
4000 m.			340	14																		
5000 m																						
6000 m.																						

STATION	Asyout		Luxor		Aswan		[illegible]		[illegible]		[illegible]		Asyout		Luxor		Dakhla		Kharga		Abu Sueir	
DATE	27-6		27-6		27-6		[illegible]		[illegible]		[illegible]		27-6		27-6		27-6		[illegible]		27-6	
TIME	0700		0500		0500		[illegible]		[illegible]		[illegible]		1100		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	9	240	3			300	21	310	35	180	2	10	19	300	8	320	19	340	12	300	3
600 m.	30	11	320	9	320	11	330	13	310	36	360	5	320	18	280	21	330	14	340	18	300	6
1000 m.	30	16	310	5	340	13	350	14	300	35	240	10	340	14	310	9	340	15	330	16	320	6
1500 m.	340	17	10	10	280	6	290	19			310	28	350	17	350	4	340	23	320	16	350	22
2100 m.	320	18	360	7	290	7	260	12			310	18	20	14	350	4						
2400 m.			10	10			210	17			300	37	340	17	350	8						
3000 m.							290	20			120	6			340	10						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE · RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

L.M.

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 27th JUNE 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour not at time of observation
22	Snow	not falling as shower (s) — during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased — during preceding hour
31	Slight or moderate duststorm or sandstorm	no change — during preceding hour
32	Slight or moderate duststorm or sandstorm	increased — during preceding hour
33	Severe duststorm or sandstorm	decreased — during preceding hour
34	Severe duststorm or sandstorm	no change — during preceding hour
35	Severe duststorm or sandstorm	increased — during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.

Hot weather continues in Lower Egypt & Cairo with high humidity during night. Clear sky except for some low clouds early morning. Moderate NWly winds. In Upper Egypt: Too hot weather specially in the south. Clear sky. Light Nly winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T. / Sunset 17 06 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 26th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	360	9	18	02	0	0	—	10.0	33	25	63
	303	SÎDI BARRÂNI	300	15	18	02	0	0	—	10.1	28	13	40
	306	MATRÛḤ (A)	300	18	16	02	0	0	—	9.5	29	21	62
	309	EL ḌAB'AA	270	22	18	02	0	0	—	8.4	30	19	52
	319	ALEXANDRIA	310	10	20	02	0	0	—	8.2	28	24	79
	318	ALEXANDRIA (A)	310	8	12	02	0	0	—	7.6	30	23	66
	330	DAMIETTA	340	2	20	00	0	0	—	7.2	33	17	38
	333	PORT SA'ÎD (A)	350	7	18	02	0	0	—	6.0	32	24	63
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	2	20	02	0	0	—	7.4	36	17	33
	342	MANṢÛRA	360	3		02	0	0	—	7.1	36	15	29
	348	ṬANṬA	290	6	20	02	0	0	—	7.6	35	18	37
	360	SHEBÎN EL KÔM	290	5	20	00	0	0	—	7.3	36	15	29
	354	ZAGAZIG	220	1	20	02	0	0	—	7.4	36	16	31
	438	ABU SUEIR	290	10	20	02	0	0	—	6.3	38	5	13
Cairo Area	366	CAIRO (A)	300	5	16	02	0	0	—	6.4	37	10	19
	372	CAIRO ALMÂZA (A)	280	[illegible]	18	02	0	0	—	6.5	36	9	19
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	8	10	02	0	0	—	7.1	37	12	22
	378	ḤELWÂN	320	5	20	02	0	0	—	6.4	36	10	20
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	7.2	36	19	37
	387	MINYA (A)	320	3	10	02	0	0	—	7.0	37	10	19
	393	AṢYOÛṬ (A)	350	5	18	02	0	0	—	6.6	37	8	17
	399	NAG' HAMÂDI	00	0	10	01	0	2	Ac	6.2	38	22	40
	402	QENA	270	6	20	00	0	0	—	5.0	37		
	405	LUXOR (A)	300	14	22	02	0	0	—	4.9	41	11	17
	414	ASWÂN	340	6	14	02	0	1	ci	4.4	42	10	11
Oases	417	SÎWA	40	15	66	02	0	0	—	8.6	40	11	17
	420	BAḤARÎYA	360	1	17	02	0	0	—	7.7	38	16	27
	423	FARAFRA	360	6	20	02	0	0	—	9.9	37	7	16
	432	DAKHLA	330	10	20	02	0	0	—	7.9	39	13	21
	435	KHARGA	360	6	10	02	0	0	—	5.7	40	9	15
Red Sea	450	SUEZ	20	3	50	03	0	2	cu	5.4	36	17	33
	459	TÔR											
	462	HURGHÂDA	350	14	20	02	0	0	—	3.8	36	14	27
	465	QUSEIR	360	11	20	02	0	0	—	5.3	33	21	50
	641	PORT SÛDÂN	110	12	15	05	0	1	cu	2.9	38	30	63
North Sudan	600	WÂDI ḤALFA	280	7	20	03	0	3	ci	5.8	41	11	17
	640	ABU ḤAMAD	270	9	4	05	0	7	cs	3.4	41	15	22
	660	KAREIMA	270	3	8	06	3	8	cs	4.0	41	12	18
	680	'AṬBARA	210	3	13	06	1	2	cu	4.3	41	11	17
	721	KHARṬOÛM	210	7	20	01	2	7	cu, Ac	5.8	37	15	27
	730	KASSALA	260	6	20	02	0	1	cu	7.1	34	17	36
Central Sudan	751	WÂD MEDANI	120	8	20	02	2	7	cu, Ac	6.2	38	18	31
	801	RENK	180	5	20	02	1	6	Sc	10.5	33	20	47
	802	ROSEIRES	230	5	20	02	2	4	cu	8.1	32	20	49
	771	EL OBEID	230	9	20	02	1	4	Ac	6.2	35	16	32
	780	EL FASHER	120	11	25	02	2	7	Ns, Ac	5.0	36	16	31
	770	GENEINA	260	5	50	02	2	7	cu, Ac	7.3	33	19	44
S. Sûdân	840	MALAKÂL	180	8	20	01	2	7	cb, cs	9.4	31	21	55
	880	WÂU	230	5	20	01	8	6	cu, Sc	9.1	30	22	62
	941	JUBA	340	2	20	02	2	5	cb, cs	8.4	31	22	59

At 1800 on 26th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	360	14	12	02	0	0	—	10.1	31	18	35	+5	46	0
303	SÎDI BARRÂNI	300	10	14	02	0	0	—	9.6	25	22	29		84	0
306	MATRÛḤ (A)	280	10	16	02	0	0	—	9.8	26	21	31		74	0
309	EL ḌAB'AA	270	10	20	00	0	0	—	8.7	25	22	31		84	0
319	ALEXANDRIA	310	7	20	02	0	0	—	8.6	25	24	30	+1	94	0
318	ALEXANDRIA (A)	320	7	12	02	0	0	—	7.9	25	23	30	+1	89	0
330	DAMIETTA	340	2		02	0	0	—	7.5	28	22	33	+4	70	0
333	PORT SA'ÎD (A)	340	11	18	02	0	0	—	6.9	28	22	34	+5	70	0
336	EL 'ARISH														
339	DAMANHÛR	310	2	10	02	0	0	—	7.5	26	21	36	+4	74	0
342	MANṢÛRA	20	3		02	0	0	—	7.6	29	20	38	+3	59	0
348	ṬANṬA	360	3	20	02	0	0	—	7.4	29	21	37	+2	62	0
360	SHEBÎN EL KÔM	290	1	10	00	0	0	—	7.6	30	17	37		46	0
354	ZAGAZIG	00	0		02	0	0	—	7.4	31		37	+2		
438	ABU SUEIR	350	5	10	02	0	0	—	7.3	31	14	38		36	0
366	CAIRO (A)	360	4	12	02	0	0	—	7.2	33	11	38		26	0
372	CAIRO ALMÂZA (A)	320	10	12	02	0	0	—	6.8	33	11	39	+4	26	0
374	CAIRO EZBEKÎYA											39	+4		
375	GIZA	340	2	10	02	0	0	—	7.6	31	14	39	+4	36	0
378	ḤELWÂN	340	9	10	02	0	0	—	6.8	33	10	37	+2	24	0
381	FAYOÛM	360	4	20	02	0	0	—	6.6	33	13	39	+3	30	0
387	MINYA (A)	00	0	8	02	0	0	—	6.6	31	13	38	+1	33	0
393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	6.6	33	8	38	+1	21	0
399	NAG' HAMÂDI	00	0		01	0	3	Ac	7.0	27	17	40	+2	55	0
402	QENA	290	4		00	0	0	—	6.4	30		38	-3		0
405	LUXOR (A)	300	6	12	02	0	0	—	5.3	35	9	42		20	0
414	ASWÂN	290	10	12	02	0	1	ci	4.8	37	3	44	+2	12	0
417	SÎWA	30	13	15	02	0	0	—	8.6	36	6	41	+3	15	0
420	BAḤARÎYA														
423	FARAFRA	330	1	12	02	0	0	—	8.9	32	5	39		18	0
432	DAKHLA	350	11	14	02	0	0	—	6.7	34	10	40	+1	23	0
435	KHARGA	00	0	10	02	0	0	—	6.4	32	10	40	+1	26	0
450	SUEZ	330	3	10	01	0	0	—	6.3	34	9	39	+3	22	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	00	—	20	02	0	0	—	5.3	31	19	34	+1	49	0
641	PORT SÛDÂN	310	9	20	13	9	3	cb, ci	4.5	37	24	42		48	0
600	WÂDI ḤALFA	350	5	20	02	0	1	ci	5.6	36	12	43		24	0
640	ABU ḤAMAD	270	5	10	05	2	3	ci	3.6	39	16	43		26	0
660	KAREIMA	00	0	18	02	0	0	—	4.7	36	19	42		37	0
680	'AṬBARA	340	4	20	13	0	2	cb, ci	4.3	37	13	42		24	0
721	KHARṬOÛM	180	12	28	13	1	3	cb, Ac	5.5	35	15	39		30	0
730	KASSALA	00	0	20	13	2	4	cb, ci	7.5	30	20	35		55	0
751	WÂD MEDANI	70	3	20	01	1		ci	6.7	31	18	39		46	0
801	RENK														
802	ROSEIRES	220	7	3	95	2	7	cb, Ac	9.8	23	20	36		84	1
771	EL OBEID														
780	EL FASHER														
770	GENEINA	250	2	50	13	9	8	cb, Ac	10.8	28	19	34		58	1
840	MALAKÂL	310	3	20	02	6	7	Ac, cs	11.9	23	20	37		84	
880	WÂU	00	0	20	02	2	0	—	9.5	28	23	31		74	3
941	JUBA	270	1	24	13	2	3	cb, ci	10.5	23	22	31		94	0

At 0600 on THURSDAY 27th JUNE 1957.

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb	Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	280	12	18	03	1	6	Sc	9.8	-1.7	27	24	25	+5	84	0	260	
303	SÎDI BARRÂNI	310	19	16	00	0	7	Sc	9.1		26	21	23		74	0	257	
306	MATRÛḤ (A)	290	20	16	02	2	7	Sc	9.1	-2.6	25	21	20		79	0	270	
309	EL ḌAB'AA	270	8	10	00	0	0	—	8.0		27	21	21		70	0	208	
319	ALEXANDRIA	[illegible]	12	20	02	0	0	—	[illegible]	[illegible]	[illegible]	22	23	+1	84	0	284	186
318	ALEXANDRIA (A)	290	10	12	02	0	0	—	7.3	-3.6	27	22	23	+2	74	0	256	138
330	DAMIETTA	200	2	1	11	2	8	As	7.9	-2.3	24	23	20	-1	94	0	249	106
333	PORT SA'ÎD (A)	260	10	6	01	0	7	Sc	7.1	-3.3	25	23	24	+1	89	0		
336	EL 'ARISH																	
339	DAMANHÛR	290	2	10	02	0	0	—	7.5	-3.0	26	21	22	+3	74	0	140	101
342	MANṢÛRA	40	3		00	0	0	—	7.9	-2.7	26	22	22	+3	79	0	104	55
348	ṬANṬA	00	0	20	03	2	6	As	8.7	-2.0	24	22	21	+3	89	0	92	44
360	SHEBÎN EL KÔM	290	2	10	00	0	0	—	8.0	-1.9	26	21	22		74	0	68	
354	ZAGAZIG	00	0	10	02	0	0	—	7.6	-3.1	26	22	23	+4	79	0	53	27
438	ABU SUEIR	50	11	10	02	0	0	—	7.9		25	18	22		65	0		
366	CAIRO (A)	270	2	5	01	0	0	—	8.0		26	20	22		70	0	59	
372	CAIRO ALMÂZA (A)	250	2	10	01	2	2	Sc	8.1	-3.1	26	20	22	+1	70	0	60	
374	CAIRO EZBEKÎYA										[illegible]	[illegible]	22	+1	[illegible]	0	43	26
375	GIZA	260	2	10	01	0	0	—	8.8	-2.0	26	21	21	+3	74	0	58	27
378	ḤELWÂN	00	0	4	02	0	0	—	8.5	-2.1	25	20	22	+1	74	0	36	29
381	FAYOÛM			20	02	0	0	—	8.6	-1.8	29	18	22	+2	52	0	16	8
387	MINYA (A)	350	5	10	02	0	0	—	7.8	-3.1	28	17	20	+1	52	0	10	
393	AṢYOÛṬ (A)	290	7	14	02	0	0	—	8.1	-1.3	28	15	24	+2	45	0	dr	
399	NAG' HAMÂDI	00	0	4	01	0	3	Ac	7.6	-0.6	29	18	21	+1	52	0	1	
402	QENA	00	0	10	00	0	0	—	7.1	-0.5	31		25	+1		0	dr	
405	LUXOR (A)	00	0	22	02	0	0	—	6.1	-1.8	33	12	24		28	0	0	
414	ASWÂN	00	0	10	05	0	0	—	7.7	-0.2	34	12	25	-1	27	0	8	
417	SÎWA	360	5	14	02	0	0	—	10.2	-2.8	27	12	23	+3	40	0	27	8
420	BAḤARÎYA	00	0	15	02	0	0	—	8.8	-2.3	28	16	22	+3	49	0	2	7
423	FARAFRA	360	4	10	02	0	0	—	10.9		32	6	24		20	0	dr	
432	DAKHLA	290	9	20	02	0	0	—	8.5	1.7	31	12	23	0	31	0	1	
435	KHARGA	330	1	12	02	0	0	—	6.6	-2.0	30	11	21	-2	31	0	6	
450	SUEZ	20	2	20	00	0	0	—	7.6	-2.1	27	21	22	0	70	0	45	17
459	TÔR																	13
462	HURGHÂDA	320	9	20	02	0	0	—	5.1	-2.3	33	14	24	0	32	0	0.4	
465	QUSEIR	350	10	20	02	0	0	—	6.1	1.2	32	18	27	+1	43	0	dr	4
641	PORT SÛDÂN	310	3	20	02	0	0	—	5.3		36	25	28		53	0		
600	WÂDI ḤALFA	10	2	20	01	0	0	—	7.8		30	9	27		27	0		
640	ABU ḤAMAD	00	0	22	03	1	6	cs	6.5		34	9	27		22	0		
660	KAREIMA	340	8	20	02	0	1	ci	6.4		34	9	30		22	0		
680	'AṬBARA	240	5	17	05	2	7	cs	6.0		34	15	30		32	0		
721	KHARṬOÛM	220	15	20	03	1	5	Ac	8.3		31	18	28		46	0		
730	KASSALA	180	7	20	02	2	7	cs	10.5		28	17	23		52	0		
751	WÂD MEDANI																	
801	RENK	90	19	20	02	1	7	Sc	15.7		23	19	22		79	0		
802	ROSEIRES	230	5	20	02	6	8	Ac	13.4		23	20	21		84	5		
771	EL OBEID	210	6	20	02	1	4	Ac	11.2		24	20	22		79	11		
780	EL FASHER																	
770	GENEINA																	
840	MALAKÂL	310	1	20	02	2	7	Ac	13.1		24	21	21		84	0.4		
880	WÂU	00	0	20	02	2	6	cs	11.6		24	21	22		84	3		
941	JUBA																	

Ship Reports in Code

At 1200							At 1800									At 0600								
43320	31012	02707	97000	10075	00900	05400	43338	25118	23109	99020	10108	00900	26710	00291	13122	53332	26406	52816	98031	07625	5531X	65118	00181	12833
43331	26212	03009	98020	09827	65400	00023	43324	29518	02707	98000	08078	00900	65203	12721		53264	35006	03209	98000	05629	00900	74305	00225	13222
43326	29912	02412	98020	07080	00900	75203										53251	35706	00000	98020	05530	00X00	44301	00323	1000X
43237	36612	00000	98000	05931	00900	74400										53344	24806	12821	97020	06624	1130X	24607	05021	12843
43344	23012	02813	99020	12190	00900	26704										53320	32006	22808	98020	06627	00905	64400	00723	12821
43274	33712	03212	98020	04590	00900	44710										53326	28806	22713	99020	07525	00908	26264	00027	12733

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matrah	Cairo	[illegible]	[illegible]	[illegible]	[illegible]	Siwa	Abu [illegible]	[illegible]	Menya	Siwa
DATE	27-6	27-6	[illegible]	[illegible]	[illegible]	[illegible]	27-6	27-6	27-6	27-6	27-6
TIME	1700	[illegible]	1700	[illegible]	[illegible]	[illegible]	1700	2300	[illegible]	2300	2300

ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	310	21	320	18	330	7	300	20	300	16	20	12	300	18	300	17	300	23	10	14	20	10
600 m.	300	25	320	14	290	10	310	21	260	11	360	15	300	21	310	24	300	20	10	16	10	19
1000 m.	300	24	320	12	290	17	310	22	270	16	350	18	300	18	310	27	270	15	10	14	360	7
1500 m.			310	6	310	11	300	19	300	12	330	23	300	16			240	22	360	15	300	17
2100 m.			260	14	300	12			320	13			290	21			260	23	300	7	280	18
2400 m			310	11	290	12			330	13			290	20			280	23	30	3	270	26
3000 m.									340	23			290	21			280	38				
4000 m.																						
5000 m.																						
6000 m																						

STATION	[illegible]	Cairo	[illegible]	[illegible]	[illegible]	[illegible]	Siwa	[illegible]	[illegible]	Menya	Siwa
DATE	27-6	[illegible]	[illegible]	28-6	[illegible]	[illegible]	28-6	[illegible]	[illegible]	28-6	28-6
TIME	2300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m	190	18	290	5	320	16	230	23	260	11	350	10	350	18	300	10	260	16	350	9	320	5
600 m.	220	13	330	13	320	23	290	18	280	10	360	14	350	21	290	17	280	15	330	10	310	9
1000 m.	200	18	310	18	320	18	310	17			360	12	340	16	290	17	280	19	300	8	310	14
1500 m.	180	20	280	19	330	15	310	14			10	15	260	17			250	17			290	15
2100 m.	170	17	290	19							310	6	280	28			260	20			280	16
2400 m.	150	21	280	16							310	10	280	28			250	15			280	29
3000 m											360	20	270	9			230	13			260	16
4000 m.											30	4										
5000 m.																						
6000 m.																						

STATION	Salloum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Dakhla	Kharga										
DATE	28-6	28-6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28-6										
TIME	0700	0700	[illegible]	[illegible]	[illegible]	[illegible]	1100	1100										

ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	320	23	310	10	360	14	340	4	310	20	330	3	310	7	310	10						
600 m.	320	25	30	4	320	15	340	11	320	18	360	5	310	20	360	1						
1000 m.	320	36	80	4	10	12	20	17	320	12	10	8	300	14	340	6						
1500 m.	310	20	320	9	350	14	20	21	300	11	10	9	300	13	300	6						
2100 m.	350	17			350	15	20	11			360	7			310	15						
2400 m.	350	14			340	15	10	4			340	8			310	26						
3000 m.	20	11					320	6														
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM %	WIND DIR	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No. 7F

THE DAILY WEATHER REPORT

[illegible] – METEOROLOGICAL DEPT – CAIRO

[illegible] FRIDAY 28th JUNE 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	[illegible] freezing, intermittent	slight
01	Cloud dissolving or less developing	continuous	
02	Sky generally unchanged	intermittent	moderate
03	Cloud forming or developing	continuous	
04	Visibility reduced by smoke	intermittent	thick
05	Dry haze	continuous	
06	Widespread dust in suspention	[illegible] slight	
07	Dust or sand raised	moderate or thick	
08	Dust devils within last hour	[illegible] rain, slight	
09	Dust or sandstorm within last [illegible]	moderate or heavy	
10	Mist	[illegible] freezing intermittent	slight
11	Patches of shallow fog less than [illegible]	continuous	
12	Continuous on land or [illegible]	intermittent	moderate
13	Lightning but no thunder heard	continuous	
14	Precipitation not reaching ground	intermittent	heavy
15	" reaching ground but distant [illegible]	continuous	
16	" " near the station	[illegible] freezing slight	
17	Thunder heard, no precipitation	moderate or heavy	
18	Squalls within sight during past [illegible]	[illegible] drizzle and snow slight	
19	Funnel cloud (s)	" " moderate or heavy	
20	Drizzle (not freezing) not falling as shower (s)	intermittent fall of snow flakes	slight
21	Rain (" ")	Continuous " " "	
22	Snow	intermittent " " "	moderate
23	Rain and snow	Continuous " " "	
24	Freezing drizzle or rain	intermittent " " "	heavy
25	Shower (s) of rain	Continuous " " "	
26	" of snow, or of rain and snow	Ice needles	with or without fog
27	" " hail, " " " " hail	Granular snow	
28	Fog	isolated star like snow crystals	
29	Thunderstorm with or without precipitation	Ice pellets	
30	Slight or moderate duststorm or sandstorm — decreased	Rain shower (s), slight	
31	no change	moderate or heavy	
32	increased	violent	
33	Severe duststorm or sandstorm — decreased	Shower (s) of rain and snow, slight	
34	no change	" " moderate or heavy	
35	increased	Snow shower (s), slight	
36	Slight or moderate drifting snow — low	moderate or heavy	
37	Heavy "	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
38	Slight or moderate " " — high		moderate
39	Heavy " "	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
40	Fog at a distance, not during last hour		moderate
41	" in patches	Slight rain	Thunderstorm during preceding hour but not at time of observation
42	" , sky discernible has become thinner during	Moderate or heavy rain	
43	" , " not " preceding hour	Slight snow *	
44	" , " discernible no change during preceding hour	Moderate or heavy snow *	
45	" , " not "	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
46	" , " discernible has begun or become thicker	" " " with "	
47	" , " not " during last hour	heavy without hail	
48	" , depositing rime, sky discernible	with duststorm or sandstorm	
49	" , " " " not "	heavy with hail	

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.

Temperature falls down to its usual normal for this time of the year, thus ending the heat wave in Lower Egypt and Cairo.

Moderate NW'ly winds, with some low cloud. In extreme Upper Egypt, weather is still very hot.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T. / Sunset 17 00 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 27th

Area	Index	Station	Wind Dir. Deg.	Wind Vel. knots	Visibility km	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	340	26	18	02	0	0	—	9.1	32	15	36
	303	SÎDI BARRÂNI	320	21	16	02	0	0	—	9.3	28	20	62
	306	MATRÛḤ (A)	280	20	14	03	0	1	Sc	9.9	28	21	66
	309	EL ḌAB'AA	270	16	18	00	0	3	Ci	8.7	28	22	70
	319	ALEXANDRIA	310	12	20	03	0	7	Cu, Sc	8.3	28	23	74
	318	ALEXANDRIA (A)	330	18	12	02	0	4	Sc	7.8	29	23	70
	330	DAMIETTA	200	2	20	00	0	0	—	7.4	34	18	39
	333	PORT SA'ÎD (A)	300	7	24	02	0	0	—	6.2	35	22	47
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	2	20	02	0	0	—	7.4	36	19	37
	342	MANṢÛRA	270	3		02	0	0	—	6.6	36	15	29
	348	ṬANṬA	310	6	20	02	0	0	—			18	
	360	SHEBÎN EL KÔM	290	5	20	00	0	0	—	6.6	36	16	31
	354	ZAGAZIG	320	1	20	02	0	0	—	6.4	37	17	31
	438	Abu Sueir	280	10	20	02	0	0	—	6.0	38	8	16
Cairo Area	366	CAIRO (A)	300	5	18	02	0	0	—	6.1	37	8	17
	372	CAIRO ALMÂZA (A)	250	6	20	02	0	0	—	6.4	38	9	17
	376	CAIRO EZBEKÎYA											
	375	GIZA	340	5	10	02	0	0	—	7.2	38	11	19
	378	ḤELWÂN	00	0	20	02	0	0	—	6.4	37	6	14
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	7.0	38	13	22
	387	MINYA (A)	20	6	10	02	0	0	—	6.5	38	11	19
	393	AṢYOÛṬ (A)	300	7	16	02	0	0	—	6.3	38	5	13
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	Ac	5.2	38	10	18
	402	QENA	290	6	20	00	0	0	—	5.4	38		
	405	LUXOR (A)	270	14	24	02	0	0	—	4.9	40	10	16
	414	ASWÂN	40	8	13	02	0	0	—	4.0	42	10	15
Oases	417	SÎWA	350	15	16	02	0	0	—	8.1	39	6	13
	420	BAḤARÎYA	340	3	17	02	0	0	—	6.8	40	13	20
	428	FARAFRA	360	7	20	02	0	0	—	8.0	40	6	12
	432	DAKHLA	350	8	21	02	0	0	—	6.7	40	12	19
	435	KHARGA	350	2	15	02	0	0	—	4.7	40	11	17
Red Sea	450	SUEZ	220	2	50	02	0	0	—	6.3	38	5	13
	459	TÔR											
	462	HURGHÂDA	20	10	22	02	0	0	—	4.5	33	17	38
	465	QUSEIR	360	7	20	02	0	0	—	4.3	33	22	53
	641	PORT SÛDÂN											
North Sudan	600	WÂDI ḤALFA											
	640	ABU ḤAMAD											
	660	KAREIMA											
	680	'AṬBARA											
	721	KHARṬOÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK	180	5	20	02	1	7	Sc	10.8	31	19	49
	802	ROSEIRES	230	2	20	02	2	8	Cu	9.0	29	22	66
	771	EL OBEID											
	760	EL FASHER	10	6	55	02	6	7	Ac, As	9.2	29	17	49
	770	GENEINA	230	5	50	02	2	7	Cu, Ac	9.7	32	17	41
S. Sûdân	840	MALAKÂL											
	880	WÂU	290	1	20	02	2	7	Cu, Cs	8.8	31	20	52
	941	JUBA	20	6	24	02	2	7	Cb, Cs	9.7	30	23	66

Ship reports in code (1200):

53241	362 12	033 05	98020	04 532	00800	44810
53272	343 12	031 04	98000	054 31	00900	74400
53320	312 12	026 12	98026	086 27	00900	76706
53322	299 12	529 10	98031	070 27	51000	64400
53260	350 12	012 03	98020	083 36	00900	36413
53336	249 12	028 33	97000	100 24	00800	65400

At 1800 on 27th

Area	Index	Station	Wind Dir. Deg.	Wind Vel. knots	Visibility km	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Max. Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	320	22	18	02	0	0	—	9.0	26	23	33	+2	84	0
	303	SÎDI BARRÂNI	340	17	15	02	0	0	—	8.5	24	20	28		79	0
	306	MATRÛḤ (A)	280	12	12	02	0	0	—	8.5	24	20	29		79	0
	309	EL ḌAB'AA	270	10	20	00	0	0	—	7.7	25	20	29		74	0
	319	ALEXANDRIA	310	16	20	01	1	1	Cu	7.9	24	23	29	0	94	0
	318	ALEXANDRIA (A)	320	14	12	02	2	5	Sc	7.4	25	22	30	+1	84	0
	330	DAMIETTA	320	5		03	0	8	Ci	7.2	26	23	35	+6	84	0
	333	PORT SA'ÎD (A)	320	14	18	02	0	0	—	6.2	26	24	36	+7	89	0
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	320	2	10	02	0	0	—	7.6	25	22	36	+4	84	0
	342	MANṢÛRA	20	3		02	0	0	—	6.8	28	22	38	+3	70	0
	348	ṬANṬA	130	7	20	02	0	0	—	6.5	26	22	38	+3	79	0
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	6.3	29	20	38		59	0
	354	ZAGAZIG	220	1	10	02	0	0	—	7.1	30	22	38	+3	62	0
	438	Abu Sueir	340	15	12	02	0	0	—	6.4	32	22	39		56	0
Cairo Area	366	CAIRO (A)	310	6	12	02	0	0	—	6.3	32	16	38		38	0
	372	CAIRO ALMÂZA (A)	300	8	15	02	0	0	—	6.4	31	17	40	+4	43	0
	376	CAIRO EZBEKÎYA											40	+4		
	375	GIZA	340	3	10	02	0	0	—	6.7	30	18	39	+4	49	0
	378	ḤELWÂN	340	5	10	02	0	0	—	6.3	32	16	36	+1	38	0
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	6.0	33	19	40	+4	44	0
	387	MINYA (A)	00	0	9	02	0	0	—	5.4	32	12	39	+2	30	0
	393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	5.5	32	7	40	+3	21	0
	399	NAG' ḤAMÂDI	00	0		01	0	1	Ac	5.1	29	18	39	+1	52	0
	402	QENA	00	0		00	0	0	—	4.6	29		39	-2		0
	405	LUXOR (A)	270	1	12	02	0	0	—	3.4	34	11	41		25	0
	414	ASWÂN	340	7	13	02	0	1	Ci	3.9	36	3	44	+2	13	0
Oases	417	SÎWA	330	13	14	02	0	0	—	6.4	37	5	41	+3	13	0
	420	BAḤARÎYA	320	2	11	02	0	0	—	6.6	35	14	41	+5	29	0
	428	FARAFRA	360	2	12	02	0	0	—	7.6	36	8	41		14	0
	432	DAKHLA	00	0	10	02	0	0	—	5.6	35	11	41	+2	23	0
	435	KHARGA	00	0	10	02	0	0	—	4.7	33	16	40	+1	36	0
Red Sea	450	SUEZ	330	2	10	02	0	0	—	5.8	35	11	39	+3	23	0
	459	TÔR														
	462	HURGHÂDA	360	1	10	02	0	0	—	3.7	30	16	35	+4	43	0
	465	QUSEIR	340	2	20	02	0	0	—	5.1	31	19	34	+1	49	0
	641	PORT SÛDÂN	320	5	20	02	0	1	Ac	4.0	33	18	39		41	0
North Sudan	600	WÂDI ḤALFA	10	8	20	01	1	1	Ci	5.0	35	10	43		22	0
	640	ABU ḤAMAD	320	5	22	02	0	0	—	3.5	37	11	44		20	0
	660	KAREIMA	10	1	21	01	1	3	Ci	3.3	37	5	43		13	0
	680	'AṬBARA	20	1	13	13	2	6	Cb, Cs	2.8	39	11	43		18	0
	721	KHARṬOÛM	230	11	20	13	2	7	Cb, Cs	5.3	35	17	38		35	0
	730	KASSALA	210	1	20	13	2	4	Cb, Ac, Ci	6.7	30	19	37		52	0
Central Sudan	751	WÂD MEDANI	270	3	20	02	2	7	Ac, Cs	7.8	31	13	37		33	0
	801	RENK											33			0
	802	ROSEIRES														
	771	EL OBEID											33			6
	760	EL FASHER	130	1	55	02	2	7	Ac, Cs	7.8	28	18	31		55	dr
	770	GENEINA	190	5	50	13	9	6	Cb, Ac, Cs	8.8	27	18	33		58	0
S. Sûdân	840	MALAKÂL	00	0	20	01	2	7	Ac, Cs	11.4	23	22	29		94	6
	880	WÂU														
	941	JUBA	00	0	24	02	2	4	Cs	10.5	23	21	30		89	0

Ship reports in code (1800):

53280	336 18	031 05	9800 0	039 29	00900	743 05
53245	361 18	000 00	9712 0	072 29	00900	373 08
53319	312 18	327 13	9801 0	066 26	18308	227 05
53328	276 18	330 14	9802 0	054 24	31400	653 05
53326	296 18	327 15	9803 1	081 26	57400	754 00
53325	288 18	327 13	9803 0	068 24	31X00	644 00

At 0600 on FRIDAY 28th JUNE, 1957

Area	Index	Station	Wind Dir. Deg.	Wind Vel. knots	Visibility km	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Min. Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
Mediterranean	62300	SALLOÛM	340	10	18	03	0	3	Sc	9.5	-1.9	25	18	22	+2	65	0	260	
	303	SÎDI BARRÂNI	340	24	16	00	0	4	Cu, Sc	9.4		24	14	18		54	0	257	
	306	MATRÛḤ (A)	280	22	16	01	1	3	Sc	8.9	-2.7	24	14	22		54	0	270	
	309	EL ḌAB'AA	270	19	10	00	0	3	Ci	8.1		25	17	22		61	0	208	
	319	ALEXANDRIA	310	14	20	03	0	3	Cu	8.7	-2.5	24	19	23	+1	74	0	284	186
	318	ALEXANDRIA (A)	300	14	12	03	2	5	Sc	8.0	-2.8	26	19	23	+2	66	0	256	138
	330	DAMIETTA	200	2		03	1	6	Cu	8.0	-2.1	24	22	20	-1	89	0	249	106
	333	PORT SA'ÎD (A)	270	13	12	01	1	3	Cu, Sc	7.6	-2.7	26	20	23	0	70	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	330	2	10	03	0	3	Ac	7.5	-2.9	25	20	21	+2	74	0	140	101
	342	MANṢÛRA	220	3		03	1	5	Cu	8.7	-1.8	25	21	22	+2	79	0	104	55
	348	ṬANṬA	00	0	20	03	2	6	Cu	8.0	-2.6	24	21	20	+2	84	0	92	44
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	Cu	8.3	-2.6	26	20	22		70	0	68	
	354	ZAGAZIG																53	27
	438	Abu Sueir	230	5	8	03	2	6	Sc	8.3		26	20	22		70	0		
Cairo Area	366	CAIRO (A)	280	1	16	01	2	6	Sc	8.4		25	20	22		74	0	59	
	372	CAIRO ALMÂZA (A)	200	3	15	02	2	6	Cu, Sc	8.4	-2.8	25	20	22	+1	74	0	60	
	376	CAIRO EZBEKÎYA										26	18	22	+	[illegible]	[illegible]	43	26
	375	GIZA	340	4	8	03		5	Cu	8.8	-2.0	25	21	22	+4	79	0	58	27
	378	ḤELWÂN	00	0		01	1	1	St	8.7	-1.8	24	20	21	0	79	0	36	29
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	9.1	-1.2	27	20	22	+2	66	0	16	8
	387	MINYA (A)	10	8	8	02	0	0	—	7.9	-2.9	28	17	22	+3	52	0	10	
	393	AṢYOÛṬ (A)	320	7	14	02	0	0	—		—	28	16	25	+3	49	0	dr	
	399	NAG' ḤAMÂDI	00	0		01	0	2	Ac	7.4	-0.8	31	16	22	+2	41	0	1	
	402	QENA	270	2	10	00	0	0	—	6.6	-1.0	32		22	-2		0	dr	
	405	LUXOR (A)	00	0	12	02	0	0	—	6.2	-1.6	34	13	23		29	0	0	
	414	ASWÂN	00	0	7	05	0	0	—	6.5	-1.3	34	11	25	-1	25	0	8	
Oases	417	SÎWA	360	15	14	02	0	0	—	11.1	-1.8	24	17	22	+2	65	0	27	8
	420	BAḤARÎYA	10	5	15	02	0	0	—	9.4	-1.7	27	15			48	0	2	7
	428	FARAFRA	40	6	15	02	0	0	—	10.6		25	4	24		26	0	dr	
	432	DAKHLA	290	6	19	02	0	0	—	7.6	-2.5	32	12	23	0	30	0	1	
	435	KHARGA	00	0	12	02	0	0	—	5.9	-2.6	32	11	22	-1	28	0	6	
Red Sea	450	SUEZ	20	2	20	00	0	0	—	8.0	-1.6	27	19	22	0	62	0	45	17
	459	TÔR																	13
	462	HURGHÂDA																0.4	
	465	QUSEIR	340	9	20	02	0	0	—	6.1	-1.1	32	19	27	+1	46	0	dr	4
	641	PORT SÛDÂN	00	0	18	05	0	0	—	5.1		35	22	28		47	0		
North Sudan	600	WÂDI ḤALFA	180	3	20	02	0	0	—	7.5		31	9	23		26	0		
	640	ABU ḤAMAD	270	2	20	02	0	1	Ci	6.9		33	8	28		21	0		
	660	KAREIMA	310	3	21	02	1	3	Ci	7.0		33	11	27		26	0		
	680	'AṬBARA	230	6	13	06	2	7	Cs	7.2		31	16	28		41	dr		
	721	KHARṬOÛM	180	8	20	03	2	7	Ac, Cs	9.1		30	18	27		49	0		
	730	KASSALA	170	7	20	02	2	7	Cs	10.1		26	18	22		62	5		
Central Sudan	751	WÂD MEDANI	230	8	20	01	2	5	Ac, Ci	10.2		29	20	25		59	0		
	801	RENK	180	2	20	02	1	4	Ac	12.9		26	20	22		70	0		
	802	ROSEIRES	230	2	20	02	2	8	Sc	12.1		25	21	23		79	0		
	771	EL OBEID	270	4	20	02	2	7	Sc, Ac	10.7		25	19	23		70	6		
	760	EL FASHER																	
	770	GENEINA																	
S. Sûdân	840	MALAKÂL	00	0	20	02	2	7	Ac, As	13.2		23	22	21		94	6		
	880	WÂU	00	0	20	02	2	6	Ac, As	11.3		24	23			94	0		
	941	JUBA																	

SHIP REPORTS in code (0600):

63337	267 06	129 23	9802 0	08023	009 00	742 11	052 16	17940
63324	296 06	127 19	9802 0	06724	116 00	343 05	051 17	12744
63328	279 06	529 18	9702 1	06222	515 00	652 23	051 37	12945
63329	271 06	229 30	9802 0	05423	11X 70	634 00	02 641	12947
63223	375 06	131 10	9802 0	04934	009 0X	344 01	005 28	13121
63335	250 06	031 30	9807 0	06922	009 00	642 19	053 14	13248
63323	301 06	329 19	9802 0	05725	31 400	662 04	002 19	12848

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sollum		Cairo A		Alex A		Alex A		P Said		Minya		Siwa		Alex A		P Said		Minya		Siwa	
DATE	28-6		28-6		28-6		28-6		28-6		28-6		28-6		28-6		28-6		28-6		28-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	360	12	330	11	350	17	320	17	300	18	10	16	300	10	320	14	300	31	360	21	60	20
600 m.	340	12	330	11	350	20	300	17	280	19	360	16	310	13	320	19	300	49	20	18	90	14
1000 m.	320	15	320	9	360	17	300	19	320	14	350	18	310	13	320	18	320	23	360	15	270	3
1500 m.	310	25	220	10	330	19	300	23			330	15	320	4	250	19	310	27	330	13	280	10
2100 m.	300	18	250	21	350	17					290	15	330	10			310	8	340	12	240	8
2400 m.	300	20	260	16	340	14					290	16	300	13			240	25	350	13		
3000 m.					340	14					290	15										
4000 m.					320	17																
5000 m.																						
6000 m.																						

STATION	Sollum		Cairo A		P Said		Alex A		P Said		Minya		Siwa		Alex A		P Said		Minya		Siwa	
DATE	28-6		28-6		28-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	10	15	350	15	10	20	360	7	290	6	10	14	140	13	330	11	330	11	360	28	180	3
600 m.	360	25	360	15	360	23	10	7	350	4	360	14	170	9	340	17	320	10	10	9	210	4
1000 m.	340	25	340	10	360	17	350	7	320	11	360	19	240	8	30	8	330	10	220	4	210	4
1500 m.	340	26	280	13	330	17			40	1	340	21	280	12	350	16	350	9	300	16	210	7
2100 m.	290	16	230	23	360	10					340	23	280	10			330	16			250	16
2400 m.	280	20	210	23							330	23									250	19
3000 m																					240	22
4000 m.																					200	30
5000 m.																						
6000 m.																						

STATION	Matruh		Cairo A		[illegible]		S Said		Mersa M		Fuka		Fayoum		Luxor		Dakhla		Kharga		Abu Sueir	
DATE	29-6		29-6		[illegible]		29-6		29-6		[illegible]		29-6		29-6		[illegible]		29-6		29-6	
TIME	0500		0500		[illegible]		1100		[illegible]		[illegible]		1100		[illegible]		[illegible]		1100		1100	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	340	8	10	9	360	14	330	7	40	10	360	12	340	27	310	9	340	7	320	19	330	21
600 m.	330	6	10	9	20	14	280	4	10	4	320	11	310	9	310	18	350	7	320	4	350	14
1000 m.	300	6	10	10	30	10	310	5	110	6	310	10	330	9	320	24	340	10	20	10	360	38
1500 m.			300	17	320	16					310	10	40	2	310	19	310	8	310	7		
2100 m.			280	11	290	13					270	13			300	7	280	30	270	17		
2400 m.					290	11					280	16					280	28	260	38		
3000 m.																						
4000 m.																						
5000 m																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A																					
DATE	11 30																					
TIME	29-6																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED
Surface	70	29																				
1000 mb.	105	26																				
950 mb.																						
900 mb																						
850 mb	1503	14		10	15																	
800 mb																						
700 mb.	3125	9		240	18																	
600 mb.																						
500 mb	5815	-9		240	13																	
400 mb.	7508	-16		250	21																	
300 mb.	9620	-27		240	54																	
200 mb.	12410	-48		240	43																	

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 29th JUNE 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s)
21	Rain (" ")	not falling as shower (s)
22	Snow	not falling as shower (s)
23	Rain and snow	not falling as shower (s)
24	Freezing drizzle or rain	not falling as shower (s)
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased
31	Slight or moderate duststorm or sandstorm	no change
32	Slight or moderate duststorm or sandstorm	increased
33	Severe duststorm or sandstorm	decreased
34	Severe duststorm or sandstorm	no change
35	Severe duststorm or sandstorm	increased
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during preceding hour
43	" , " not "	has become thinner during preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker during last hour
47	" , " not "	has begun or become thicker during last hour
48	" ,depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.

Decrease in temperature continues, normal summer time weather in Lower Egypt and Cairo. Some low cloud, with moderate northerly to NWly winds. This decrease in temperature extends gradually to Upper Egypt, with clear sky and light northerly winds.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T. / Sunset 17 00 U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 28th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
62300	SALLOÛM	320	24	18	02	0	0	—	10.0	28	23	74
303	SÎDI BARRÂNI	340	22	16	02	1	5	Sc	10.5	26	13	45
306	MATRÛḤ (A)	200	22	16	03	0	2	Sc	10.3	26	13	45
309	EL ḌAB'AA	340	16	20	00	0	0	—	9.6	26	16	55
319	ALEXANDRIA	310	16		02	0	3	Sc	9.3	27	17	55
318	ALEXANDRIA (A)	300	16	12	03	0	4	Sc	9.4	28	18	55
330	DAMIETTA	340	9	20	00	0	0	—	8.7	28		
333	PORT SA'ÎD (A)	340	15	20	02	0	0	—	8.3	28	21	66
336	EL 'ARISH											
339	DAMANHÛR	320	2	20	01	0	1	Cu	8.7	30	15	40
342	MANṢÛRA	270	7		00	0	0	—	8.0	31	17	43
348	ṬANṬA	270	7	20	02	0	0	—	9.1	31	17	43
360	SHEBÎN EL KÔM	320	5	20	00	0	0	—	8.6	35	14	29
354	ZAGAZIG	270	1	20	02	0	0	—	8.0	33	16	36
438	ABUSUEIR	300	8	20	02	0	0	—	7.8	33	13	30
366	CAIRO (A)	320	7	20	02	0	0	—	7.7	33	11	26
372	CAIRO ALMÂZA (A)	250	8	20	02	0	0	—	7.6	34	16	34
374	CAIRO EZBEKÎYA											
375	GIZA	330	6	10	02	0	0	—	8.2	34	14	30
378	ḤELWÂN	320	5	10	02	0	0	—	7.5	34	11	25
381	FAYOÛM	360	4	20	02	0	0	—	8.0	35	16	32
387	MINYA (A)	20	11	16	02	0	0	—	7.7	36	14	27
393	AṢYOÛT (A)	320	10	16	02	0	0	—	6.3	38	10	18
399	NAG' ḤAMÂDI	00	0	10	01	0	1	Ac	5.8	40	15	23
402	QENA	270	3	20	00	0	0	—	5.4	39		
405	LUXOR (A)	270	7	22	02	0	0	—	4.0	42	13	18
414	ASWÂN	60	5	12	02	0	0	—			5	
417	SÎWA	330	14	16	02	0	0	—	10.4	32	8	22
420	BAḤARÎYA	350	3	16	02	0	0	—	8.5	34	14	30
423	FARAFRA	00	0	20	02	0	0	—	9.2	36	7	17
432	DAKHLA	320	12	22	02	0	0	—	6.3	41	16	23
435	KHARGA	350	2	8	06	0	1	Cu	5.3	41	13	19
450	SUEZ	20	3	50	02	0	0	—	7.0	34	17	36
459	TÔR											
462	HURGHÂDA	90	10	20	02	0	1	Cu	4.6	32	23	59
465	QUSEIR	100	6	20	02	0	0	—	6.2	33	19	44
641	PORT SÛDÂN	90	15	10	05	0	0	—	2.9	36	20	40
600	WÂDI ḤALFA	350	20	20	03	0	1	Ci	4.4	42	12	17
640	ABU ḤAMAD	270	5	22	01	0	1	Ci	3.4	42	1	8
660	KAREIMA	360	2	21	01	1	2	Ci	3.9	42	8	13
680	'AṬBARA	300	3	18	05	1	3	Ac, Ci	2.7	42	1	8
721	KHARTOÛM	250	2	20	01	2	2	Cu, Cs	4.3	39	13	21
730	KASSALA	200	3	20	01	2	5	Cu, Ci	6.1	34	19	41
751	WÂD MEDANI	270	7	20	03	2	6	Cu, As, Ci	5.4	37	16	29
801	RENK	220	3	20	01	2	4	Cu, Ac	8.6	32	16	38
802	ROSEIRES											
771	EL OBEID											
760	EL FASHER											
770	GENEINA	180	1	50	01	2	4	Cb, Ac	7.5	33	17	38
840	MALAKÂL	200	7	20	01	2	4	Cb, Ac	9.0	31	19	49
880	WÂU											
941	JUBA	40	1	24	02	2	7	Cb, Cs	9.3	31	22	59

At 1800 on 28th

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	340	12	14	02	0	0	—	10.1	24	21	29	-2	84	0
303	SÎDI BARRÂNI	360	14	14	02	1	0	—	10.3	23	14	26		57	0
306	MATRÛḤ (A)	290	10	14	01	1	3	Sc, Cu	10.9	23	14	27		57	0
309	EL ḌAB'AA	270	11	20	00	0	5	Cu	10.9	20	15	27		73	0
319	ALEXANDRIA	310	16	20	01	0	2	Cu	10.8	23	16	27	-2	65	0
318	ALEXANDRIA (A)	320	10	12	01	2	4	Sc	10.1	23	16	28	-1	65	0
330	DAMIETTA	320	5		02	0	0	—	9.3	25		29	0	65	0
333	PORT SA'ÎD (A)	310	17	18	02	0	0	—	9.2	25	19	32	+3	70	0
336	EL 'ARISH														
339	DAMANHÛR	330	2	10	02	0	0	—	10.0	23	16	30	-2	65	0
342	MANṢÛRA	340	3		02	0	0	—	9.8	25	17	32	-3	61	0
348	ṬANṬA	310	8	20	02	0	0	—	9.9	24	16	33	-2	61	0
360	SHEBÎN EL KÔM														
354	ZAGAZIG	220	1	10	02	0	0	—	9.4	26	17	33		58	0
438	ABUSUEIR	320	20	10	02	0	0	—	9.2	27	14	34		45	0
366	CAIRO (A)	350	8	12	02	0	0	—	9.6	27	15	34		48	0
372	CAIRO ALMÂZA (A)	320	10	10	02	0	0	—	8.7	27	14	35	-1	45	0
374	CAIRO EZBEKÎYA											35	-1		
375	GIZA	340	8	10	02	0	0	—	8.7	26	16	35	0	55	0
378	ḤELWÂN	340	9	10	02	0	0	—	8.7	27	13	34	-1	42	0
381	FAYOÛM	360	4	20	02	0	0	—	8.1	30	16	36	0	43	0
387	MINYA (A)	20	4	8	02	0	0	—	6.8	26	14	37	0	48	0
393	AṢYOÛT (A)	320	3	12	02	0	0	—	6.8	31	14	38	+1	36	0
399	NAG' ḤAMÂDI	00	0		01	0	0	—	5.6	31	17	41	+3	43	0
402	QENA	00	0		00	0	0	—	4.8	33		41	0		0
405	LUXOR (A)	320	2	12	02	0	1	Cu	3.6	36	13	43		25	0
414	ASWÂN	00	0	15	02	0	0	—	3.6	35	11	43	+1	23	0
417	SÎWA	280	6	14	02	0	0	—	9.6	29	9	33	-5	29	0
420	BAḤARÎYA														
423	FARAFRA	320	2	12	02	0	0	—	9.7	31	7	37		22	0
432	DAKHLA	320	10	10	02	0	0	—	6.2	35	16	41	+2	32	0
435	KHARGA	360	4	10	02	0	0	—	5.3	36	11	42	+3	22	0
450	SUEZ	360	4	10	02	0	0	—	7.6	29	20	38	+2	59	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	10	6	20	03	0	1	Sc	5.2	31	20	35	+2	52	0
641	PORT SÛDÂN	340	5	20	02	0	0	—	4.7	32	24	39		63	0
600	WÂDI ḤALFA	350	12	20	01	0	0	—	4.2	37	10	44		19	0
640	ABU ḤAMAD	310	9	22	02	0	0	—	2.5	37	-5	43		7	0
660	KAREIMA	20	4	21	03	0	0	—	2.8	37	1	43		14	0
680	'AṬBARA	00	0	20	02	0	2	Ci	2.2	37	11	43		20	0
721	KHARTOÛM	00	0	20	03	0	3	Cs	3.3	36	14	41		27	0
730	KASSALA	160	1	20	13	1	3	Cb	5.2	31	18	35		46	0
751	WÂD MEDANI	180	7	20	13	2	7	Cb, Ac	4.8	34	14	39		30	0
801	RENK											37			
802	ROSEIRES											33			
771	EL OBEID	00	0	20	13	2	5	Cb, Cs	6.6	29	20	33		59	0
760	EL FASHER											36			
770	GENEINA	20	10	50	29	9	7	Sc, Ac	9.9	26	17	34		58	87
840	MALAKÂL	180	3	20	01	2	5	Cs	8.6	27	21	32		70	0
880	WÂU											33			dr
941	JUBA	00	0	24	01	2	3	Ac	9.0	25	24	31		94	0

At 0600 on SATURDAY 29th JUNE 1957

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff from normal mb.	Dry Bulb °C	Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	00	0	18	02	1	6	Sc	11.1	-0.3	25	20	21	+1	74	0	260	
	303	SÎDI BARRÂNI	320	2	18	00	0	3	Ac	11.1		25	16	17		58	0	257	
	306	MATRÛḤ (A)	330	3	16	01	0	1	Ac	11.5	0.0	24	17	17		65	0	270	
	309	EL ḌAB'AA	340	4	10	00	0	5		11.0		24	16	17		61	0	208	
	319	ALEXANDRIA	360	6	20	01	0	1	Cu	11.9	+0.9	24	18	22	0	69	0	284	186
	318	ALEXANDRIA (A)	330	4	12	03	0	3	Sc	11.5	+0.8	25	17	20	-1	61	0	256	138
	330	DAMIETTA	200	2		03	1	5	Cu	11.0	+1.0	24	17	20	-1	65	0	249	106
	333	PORT SA'ÎD (A)	320	7	12	01	1	4	Sc	10.8	+0.6	25	17	22	-1	61	0		
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	2	10	02	0	0	—	11.2	+0.9	24	18	19	0	69	0	140	101
	342	MANṢÛRA	320	3		00	0	0	—	11.1	+0.7	25	16	18	-2	58	0	104	55
	348	ṬANṬA	00	0	20	02	0	0	—	11.2	+0.7	22	17	17	-2	74	0	92	44
	360	SHEBÎN EL KÔM	290	2	10	00	0	0	—	11.1	+0.3	24	17	20		65	0	68	
	354	ZAGAZIG	00	0	10	02	0	0	—	11.8	+1.3	24	17	18	-1	65	0	53	27
	438	ABUSUEIR	00	0	10	03	0	2	Cu	11.2		24	15	21		57	0		
CAIRO AREA	366	CAIRO (A)	20	1	15	03	0	1	Cu	11.4		24	15	20		57	0	59	
	372	CAIRO ALMÂZA (A)	360	5	12	03	0	3	Cu, Sc	11.1	0.0	23	15	23	+2	61	0	60	
	374	CAIRO EZBEKÎYA										24	15	21	0	57	0	43	26
	375	GIZA	60	4	10	02	—	1	Cu	11.6	+0.9	24	16	19	+1	61	0	58	27
	378	ḤELWÂN	360	2	10	02	0	0	—	11.2	+0.8	23	15	19	-2	61	0	36	29
UPPER EGYPT	381	FAYOÛM	260	4	20	02	0	0	—	10.8	+0.6	25	17	20	0	61	0	16	8
	387	MINYA (A)	20	7	8	02	0	0	—	10.7	0.0	25	15	20	0	54	0	10	
	393	AṢYOÛT (A)	300	5	16	02	2	0	—	10.5	+1.2	25	14	21	-1	51	0	dr	
	399	NAG' ḤAMÂDI	00	0	10	01	0	4	Ac	9.1	+1.0	26	18	21	+1	62	0	1	
	402	QENA	270	5	10	00	0	0	—	7.9	+0.4	30		24	0		0	dr	
	405	LUXOR (A)	00	0	22	02	0	0	—	7.3	-0.5	34	16	26		34	0	0	
	414	ASWÂN	00	0	13	02	0	0	—	7.3	-0.4	34	14	27	+1	30	0	8	
OASES	417	SÎWA	00	0	14	02	0	0	—	11.9	-1.0	24	10	19	-1	41	0	27	8
	420	BAḤARÎYA	90	5	14	02	0	0	—	11.4	+0.4	25	14	19	-1	51	0	2	7
	423	FARAFRA	00	0	15	02	0	0	—	13.0		25	5	20		28	0	dr	
	432	DAKHLA	80	5	20	02	0	0	—	10.2	+0.2	30	19	21	-2	52	0	1	
	435	KHARGA	360	4	10	02	0	0	—	9.2	+0.7	29	15	25	+2	43	0	6	
RED SEA	450	SUEZ	360	2	20	00	0	2	Cu	10.3	+0.8	24	18	21	-1	69	0	45	17
	459	TÔR																	13
	462	HURGHÂDA	320	26	12	02	0	0	—	7.1	-0.1	29	21	26	+2	62	0	0.4	
	465	QUSEIR	340	12	20	01	0	0	—	6.6	-0.6	30	23	28	+2	66	0	dr	4
	641	PORT SÛDÂN	180	5	20	01	0	0	—	4.7		35	20	24		42	0		
NORTH SUDAN	600	WÂDI ḤALFA	50	11	20	03	0	1	Ac	7.6		32	11	26		26	0		
	640	ABU ḤAMAD	00	0	22	01	0	0	—	6.6		32	1	25		14	0		
	660	KAREIMA	120	1	21	02	0	0	—	6.3		32	9	27		24	0		
	680	'AṬBARA	240	4	20	02	0	0	—	5.7		33	14			32	0		
	721	KHARTOÛM	250	14	20	02	0	1	Ci	6.2		32	17	27		41	0		
	730	KASSALA	170	6	20	01	2	2	Ci	7.9		29	18	25		52	0		
CENTRAL SUDAN	751	WÂD MEDANI	230	10	20	01	1	1	Ac	8.0		31	17	25		43	0		
	801	RENK	230	9	20	02	0	0	—	10.9		29	20	23		59	0		
	802	ROSEIRES	130	2	20	02	2	7	Ac	8.9		26	22	23		79	0		
	771	EL OBEID	250	7	20	03	1	3	Ac	7.9		28	20	24		62	0		
	760	EL FASHER	130	2	40	02	2	7	Ac, As	9.5		27	20	25		66	0		
	770	GENEINA	320	4	50	02	2	7	Ac, Cs	11.6		25	18	23		65	0		
S. SÛDÂN	840	MALAKÂL	340	3	20	01	2	1	Ac, As	11.0		26	21	21		74	0		
	880	WÂU	00	0	20	03	0	1	Ac	10.0		25	21	22		79	9		
	941	JUBA	180	3	24	05	2	5	Ac, Ci	11.6		25	22	22		84	0		

SHIP REPORTS in code

1200 on 28th	1800 on 28th
633 26 28212 72930 98021 08525 72400 66305	63338 23018 03115 98010 09223 00900 64101 05117 13034
633 0 26312 42916 98021 09775 21301 63215	63329 26518 23126 98010 09323 21400 66310 00017 18141
633 20 30812 22719 98020 09125 11540 14104	63332 25418 12924 98020 09323 11X00 63400 00416 12936
633 19 31112 12718 98020 08172 11500 65400	

0600 on 29th
73337 24706 52516 99801 11022 58400 25211 00017 12523
73326 28606 22809 98020 12323 21X00 29400 00017 128X0
73338 23306 22813 98011 09222 12X70 63400 00517 12833
73239 36606 13104 98020 04831 00901 74303 00424 13020
73319 31136 13006 98012 11024 11500 05116 13032

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Asyout		Aswan		Alex. A		P. Said		Minya		Siwa		Alex. A.		P. Said		Minya		Siwa	
DATE	29-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6		29-6	
TIME	1700		1700		1700		1700		1700		1700		1700		2300		2300		2300		2300	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	8	340	20	310	13	360	10	320	15	360	10	270	11	60	13	350	10	30	20	330	10
600 m.	30	10	340	16	300	11	360	10	320	21	350	10	280	16	50	10	350	19	30	26	320	16
1000 m.	360	9	350	17	300	14	350	13	30	6	330	12	280	10	20	12	350	24	360	13	300	9
1500 m.	220	6	340	15	300	17	330	15	310	13	350	15	270	5	360	8	330	26	310	21	240	11
2100 m.			330	25	300	10	330	16	280	24	340	9	270	9					360	17	200	23
2400 m.			310	21	280	17			290	25	300	4	270	9					330	13	200	23
3000 m.					280	21			290	23	350	33	270	21							230	25
4000 m.													260	24								
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo A		Aswan		Alex. A.		P. Said		Minya		Siwa		Alex. A.		P. Said		Minya		Siwa	
DATE	29-6		29-6		29-6		30-6		30-6		30-6		30-6		29-6		29-6		29-6		29-6	
TIME	2300		2300		2300		0500		0500		0500		0500		1100		1100		1100		1100	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	60	4	60	17	240	19	90	8	40	8	40	12	10	4	30	10	10	6	360	8	290	
600 m.	70	6	60	17	340	18	60	7	30	5	50	15	350	7	50	10	30	6	350	6	290	
1000 m.	270	3	10	19	320	14	40	13	360	10	50	17	310	9	80	6	340	8	340	11	280	8
1500 m.	280	6	330	24	300	16	340	5	330	24	70	16	280	8			340	19	330	8	310	10
2100 m.	280	12			320	11	290	19	290	31			300	14			330	26	110	12	260	16
2400 m.	180	12					290	21					290	19			330	18	280	9	280	18
3000 m.	220	19					240	26					270	17			240	17	270	13	270	10
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo. A		Luxor		Aswan		Asyout		S. Baranis		Matruh		Aswan		Asyout		Luxor		Dakhla		Khaig	
DATE	30-6		30-6		30-6		30-6		30-6		30-6		30-6		30-6		30-6		30-		30-	
TIME	0500		0500		0500		0500		1100		1100		1100		1100		1100		110[illegible]		110	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	19	340	12	350	9	360	10	360	22	40	11	330	10	330	15	310	21	350	8	330	8
600 m.	50	18	340	11	340	21	10	27	330	13	90	14	360	10	340	23	300	31	360	2	340	16
1000 m.	20	23	340	17	340	21	10	28	310	8	140	5	340	10			310	23	330	4	340	13
1500 m.	360	16	350	18	320	11			320	9	120	4	300	12			320	28	340	28	330	11
2100 m.			350	10	270	9							300	16							310	9
2400 m.			330	17	290	12							310	16								
3000 m.					280	9																
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																						
DATE																						
TIME																						
	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
700 mb.																				
600 mb.																				
500 mb.																				
400 mb.																				
300 mb.																				
200 mb.																				

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)
4. Altitudes are heights above Mean Sea Level

FORM No

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Sunday 30th June 1957

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s); during preceding hour not at time of observation
21	Rain (" ")	not falling as shower (s); during preceding hour not at time of observation
22	Snow	not falling as shower (s); during preceding hour not at time of observation
23	Rain and snow	not falling as shower (s); during preceding hour not at time of observation
24	Freezing drizzle or rain	not falling as shower (s); during preceding hour not at time of observation
25	Shower (s) of rain	during preceding hour not at time of observation
26	" of snow, or of rain and snow	during preceding hour not at time of observation
27	" " hail, " " " " hail	during preceding hour not at time of observation
28	Fog	during preceding hour not at time of observation
29	Thunderstorm with or without precipitation	during preceding hour not at time of observation
30	Slight or moderate duststorm or sandstorm	decreased; during preceding hour
31	Slight or moderate duststorm or sandstorm	no change; during preceding hour
32	Slight or moderate duststorm or sandstorm	increased; during preceding hour
33	Severe duststorm or sandstorm	decreased; during preceding hour
34	Severe duststorm or sandstorm	no change; during preceding hour
35	Severe duststorm or sandstorm	increased; during preceding hour
36	Slight or moderate drifting snow	low
37	Heavy " "	low
38	Slight or moderate " "	high
39	Heavy " "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during preceding hour
43	" " not "	has become thinner during preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	no change during preceding hour
46	" " discernible	has begun or become thicker during last hour
47	" " not "	has begun or become thicker during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	with or without fog
77	Granular snow	with or without fog
78	Isolated star like snow crystals	with or without fog
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88	Shower (s) of soft hail with or without rain or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	slight
90	Shower (s) of hail with or without rain or rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

CLOUD FORM

Ci	Cirrus
Cs	Cirrostratus
Cc	Cirrocumulus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fracto-cumulus
Fs	Fracto-stratus
Cu	Cumulus
St	Stratus

PAST WEATHER "W

0 Cloud covering ½ sky or less
1 Cloud covering more than ½ sky during part of the period
2 Cloud covering more than ½ sky throughout the period
3 Sandstorm or duststorm
4 Fog or thick haze
5 Drizzle
6 Rain
7 Snow or rain and snow
8 Shower (s)
9 Thunderstorm (s) with or without precipitation

GENERAL FORECAST: from noon today to noon tomorrow.
Fine summer weather continues from Northern coast to Middle Egypt.
Moderate winds mainly North to Northeasterly, with some low cloud.
Very hot weather in Upper Egypt, with light Northerly winds, and clear sky.

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO – Time of Sunrise 02 57 U.T.; Sunset 17 ..9.0.. U.T.

All Times are Universal Times (U.T.) [Two hours slower than local time]

At 1200 on 29th

Area	Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	90	10	18	02	1	6	Sc	10.3	27	24	84
	303	SIDI BARRÂNI	20	14	18	02	0	2		10.9	26	[illegible]	[illegible]
	306	MATRÛH (A)	10	13	16	02	0	1	Sc, cu	11.9	26	16	55
	309	EL DAB'AA	360	9	20	00	0	0	—	11.7	27	16	52
	319	ALEXANDRIA	360	12	20	01	0	0	—	12.3	26	18	62
	318	ALEXANDRIA (A)	340	9	12	02	0	0	—	12.0	28	18	55
	330	DAMIETTA	340	2	20	01	1	1	cu	11.0	27	16	52
	333	PORT SAÏD (A)	320	10	20	02	0	1	cu	10.9	28	17	52
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	2	20	01	0	1	cu	11.0	29	18	52
	342	MANSÛRA	360	5		01	0	2	cu	11.4	31	16	41
	348	TANTA	310	8	20	01	1	2	cu	11.4	30	16	43
	360	SHEBÎN EL KÔM	290	5	20	01	1	1	cu	11.0	30	13	35
	354	ZAGAZIG	320	1	20	02	0	0	—	11.5	30	16	43
	438	ABU SUEIR	320	7	20	02	0	0	—	10.3	31	10	28
Cairo Area	366	CAIRO (A)	40	10	16	02	0	0	—	10.1	30	12	33
	372	CAIRO ALMÂZA (A)	360	12	18	02	0	0	—	10.2	31	12	31
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	4	10	02	0	0	—	10.8	30	13	35
	378	HELWÂN											
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	9.9	32		
	387	MINYA (A)	10	10	12	02	0	0	—	9.5	33	11	26
	393	ASYOÛT (A)	300	11	18	02	0	0	—	8.9	34	9	22
	399	NAG HAMÂDI	290	3	20	00	0	0	—	6.9	36	17	33
	402	QENA	290	6	20	00	0	0	—	6.7	37		
	405	LUXOR (A)	280	12	22	02	0	0	—	6.2	40	12	19
	414	ASWÂN	340	5	15	02	0	0	—	5.3	42	11	16
Oases	417	SÎWA	270	8	16	02	0	1	cu	10.2	34	9	22
	420	BAHARIYA	360	2	17	02	0	0	—	10.1	34	12	27
	423	FARAFRA											
	432	DAKHLA	00	0	22	02	0	0	—	9.1	36	19	37
	435	KHARGA	320	8	12	02	0	0	—	6.8	35	14	29
Red Sea	450	SUEZ											
	459	TÔR											
	462	HURGHÂDA	330	25	20	02	0	0	—	5.5	33	10	24
	465	QUSEIR	350	12	20	02	0	0	—	5.2	31	22	54
	641	PORT SÛDÂN	30	12	20	02	0	1	ci	4.8	36	20	40
North Sudan	600	WÂDI HALFA	20	15	20	02	0	1	cu	5.4	43	13	17
	640	ABU HAMAD	360	5	22	03	0	7	cs	2.3	42	3	9
	660	KAREIMA	350	6	21	03	0	2	ci	3.1	43	1	8
	680	'ATBARA	280	6	20	03	1	6	cs	1.6	43	0	7
	721	KHARTOÛM	290	5	20	03	0	4	cu, Ac	2.3	42	7	12
	730	KASSALA	260	4	20	02	2	7	cu, cs	3.8	38	16	27
Central Sudan	751	WÂD MEDANI	250	5	20	03	1	6	cu, Ac	3.8	39	14	23
	801	RENK	180	5	20	02	1	6	cu	7.9	38	18	31
	802	ROSEIRES	00	7	20	00	0	5	cu	5.5	34	21	47
	771	EL OBEID	320	4	20	03	1	7	cu, cs	5.7	33	19	44
	760	EL FASHER	70	3	20			3	cu, Ac	5.0	36	17	33
	770	GENEINA	270	1	50	02	2	5	cu, ci	7.7	34	16	34
S. Sûdân	840	MALAKÂL	250	5	20	03	1	6	cb, Ac	7.8	33	10	24
	880	WÂU	00	0	20	03	1	3	cu	7.3	33	20	47
	941	JUBA	40	2	24	03	1	5	cu	7.3	32	22	56

At 1800 on 29th

Area	Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	360	7	12	02	1	4	Sc	11.5	25	24	31	0	94	0
	303	SIDI BARRÂNI	[illegible]	[illegible]	15	02	0	0	—	11.0	24	17	27		65	0
	306	MATRÛH (A)	60	10	14	02	0	0	—	11.4	24	17	27		65	0
	309	EL DAB'AA	360	10	20	00	0	0	—	11.9	24	18	27		69	0
	319	ALEXANDRIA	40	12	20	02	0	0	—	12.8	24	18	28	-1	69	0
	318	ALEXANDRIA (A)	10	6	12	02	0	0	—	12.1	24	18	28	-1	69	0
	330	DAMIETTA	340	2		02	1	1	cu	11.9	21	18	27	-3	69	0
	333	PORT SAÏD (A)	350	13	18	02	0	1	cu	11.6	24	19	29	0	74	0
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	310	2	10	02	0	0	—	12.3	23	18	30	-2	74	0
	342	MANSÛRA	360	2		00	0	0	—	12.2	25		31	-4		0
	348	TANTA	40	5	20	02	0	0	—	11.2	23	17	31	-4	69	0
	360	SHEBÎN EL KÔM	320	5	10	00	0	0	—	11.6	20	14	31		48	0
	354	ZAGAZIG	360	1	20	01	0	0	—	11.8	20	17	31	-4	58	0
	438	ABU SUEIR	360	20	20	02	0	0	—	12.1	25	15	31		54	0
Cairo Area	366	CAIRO (A)	10	9	12	02	0	0	—	11.3	26	12	32		42	0
	372	CAIRO ALMÂZA (A)	30	13	15	02	0	0	—	11.1	27	13	32	-4	42	0
	374	CAIRO EZBEKÎYA											32	-4		
	375	GIZA	30	6	10	02	0	0	—	11.2	27	14	32	-3	45	0
	378	HELWÂN	360	5	10	02	0	0	—	11.1	27	11	31	-4	37	0
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	11.0	28	14	33	-3	42	0
	387	MINYA (A)	10	3	8	02	0	0	—	9.4	26	13	34	-3	45	0
	393	ASYOÛT (A)	340	4	14	02	0	0	—	9.5	29	8	34	-3	27	0
	399	NAG HAMÂDI	00	0	10	00	0	0	—	8.2	28	10	37	-1	33	0
	402	QENA	290	4		00	0	0	—	7.8	29		38	-3		0
	405	LUXOR (A)	280	8	12	02	0	0	—	5.4	33	13	40		30	0
	414	ASWÂN	350	3	12	02	0	1	ci	5.8	36	6	43	+1	15	0
Oases	417	SÎWA	320	8	15	02	0	0	—	9.9	31	7	35	-3	22	0
	420	BAHARIYA	00	0	11	02	0	0	—	10.1	30	12	35	-1	33	0
	423	FARAFRA	00	0	12	02	0	0	—	11.5	28	6	35		14	0
	432	DAKHLA	240	6	10	02	0	0	—	9.0	33	24	37	-2	57	0
	435	KHARGA	360	1	9	02	0	0	—	7.4	32	7	37	-2	21	0
Red Sea	450	SUEZ	330	3	10	02	0	0	—	10.0	27	16	32	-4	52	0
	459	TÔR														
	462	HURGHÂDA	310	22	10	02	0	0	—	5.7	30	15	34	+3	40	0
	465	QUSEIR	340	10	20	02	0	0	—	6.2	29	22	33	0	66	0
	641	PORT SÛDÂN	330	1	20	03	0	4	ci	[illegible]	21	20	41		52	0
North Sudan	600	WÂDI HALFA	360	12	20	02	0	2	ci	6.0	[illegible]	12	43		24	0
	640	ABU HAMAD	360	9	22	01	2	3	ci	2.4	36	5	44		14	0
	660	KAREIMA	10	1	21	01	2	0	—	2.6	36	3	44		11	0
	680	'ATBARA	00	0	20	01	0	0	—	2.1	36	3	44		13	0
	721	KHARTOÛM	320	4	20	01	1	3	cs	2.2	36	7	44		17	0
	730	KASSALA	00	0	20	01	2	4	Ac	4.5	33	17	37		32	0
Central Sudan	751	WÂD MEDANI	200	9	20	13	2	7	cb, Ac, cs	0.2	36	14	41		27	0
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	90	3	20	21	9			5.7	29	21	34		62	1
	760	EL FASHER	100	2		13	2	7	cb, Ac	4.2	33	16	37		36	0
	770	GENEINA	270	4	50	13	9	8	cb, Ac	10.9	22	21	35		94	1
S. Sûdân	840	MALAKÂL	170	1	20	13	1	7	cb, Ac	7.0	28	14	33		42	0
	880	WÂU	00	0	20	01	1	0	—	6.8	25	22	33		24	0
	941	JUBA	00	0	24	13	2	4	cb, ci	7.1	26	23	33		24	0

At 0600 on SUNDAY 30th JUNE 1957

Area	Index	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar Pressure M.S.L. mb.	Bar Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct 1st	Rainfall Normal from Oct 1st
Mediterranean	62300	SALLOÛM	00	0	18	02	0	0	—	11.8	+0.5	25	22	21	+1	84	0	260	
	303	SIDI BARRÂNI	130	2	18	00	0	2	cu	11.7		24	19	18		74	0	257	
	306	MATRÛH (A)	00	0	16	01	0	0	—	12.1	+0.7	26	19	23		66	0	270	
	309	EL DAB'AA	40	4	10	00	0	0	—	12.2		25	19	18		70	0	248	
	319	ALEXANDRIA	130	5	10	02	0	0	—	12.6	+1.7	24	18	21	-1	69	0	284	186
	318	ALEXANDRIA (A)	110	2	12	02	0	0	—	12.1	+1.6	25	19	20	-2	70	0	256	138
	330	DAMIETTA	40	2	10	00	0	0	—	12.2	+2.3	26	20	21	0	70	0	249	106
	333	PORT SAÏD (A)	50	1	14	02	0	0	—	11.8	+1.6	26	18	22	-1	62	0		
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	130	2	10	02	0	0	—	12.2	+2.1	23	20	19	0	84	0	140	101
	342	MANSÛRA	270	3		02	0	0	—	12.2	+1.9	25	19	18	-2	70	0	104	55
	348	TANTA	00	0	20	02	0	0	—	11.0	+1.6	23	19	17	-2	69	0	92	44
	360	SHEBÎN EL KÔM	140	2	10	00	0	0	—	12.2	+1.5	25	19	19		70	0	68	
	354	ZAGAZIG	140	1	10	02	0	0	—	11.8	+1.4	25	19	20	+1	70	0	53	27
	438	ABU SUEIR	100	6	10	02	0	0	—	10.1		25	17	21		61	0		
Cairo Area	366	CAIRO (A)	90	10	16	02	0	0	—	11.3		27	13	20		42	0	59	
	372	CAIRO ALMÂZA (A)	40	12	12	02	3	0	—	11.4	+0.4	27	13	21	0	42	0	60	
	374	CAIRO EZBEKÎYA										26	14	22	+1	48	0	40	26
	375	GIZA	40	3	10	02		0	—	12.0	+1.4	27	14	21	+2	45	0	58	27
	378	HELWÂN	70	3	10	02	0	0	—	11.5	-1.2	25	12	20	-1	35	0	30	21
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	11.8	+1.7	27	16	20	0	52	0	16	8
	387	MINYA (A)	360		9	02	0	0	—	10.6	0.0	[illegible]	12	17	-3	42	0	10	
	393	ASYOÛT (A)	320	5	14	02	0	0	—	10.7	+1.5	27	6	22	0	27	0	tr	
	399	NAG HAMÂDI	00	0	10	01	0	2	Ac	9.4	+1.4	25	17	19	-1	61	0	1	
	402	QENA	290	4	10	00	0	0	—	9.5	+1.1	28		22	-2		0	tr	
	405	LUXOR (A)	320	7	22	02	0	0	—	8.9	+1.2	30	12	23		33	0	0	
	414	ASWÂN	30	0	12	02	0	0	—	9.5	+1.8	31	12	24	-2	31	0	8	
Oases	417	SÎWA	330	2	15	02	0	0	—	11.5	-1.3	24	13	20	0	50	0	27	2
	420	BAHARIYA	100	5	15	02	0	0	—	11.2	+0.3	27	12	21	+1	40	0	2	1
	423	FARAFRA	140	2	15	02	0	0	—	12.8		26	9	18		35	0	tr	
	432	DAKHLA	00	0	22	02	0	0	—	10.7	+0.7	27	11	20	-3	37	0	1	
	435	KHARGA	360	6	10	02	0	0	—	9.1	+0.6	28	13	27	+4	40	0	6	
Red Sea	450	SUEZ	00	0	20	00	0	0	—	11.8	+2.5	25	15	19	-3	54	0	45	17
	459	TÔR																	10
	462	HURGHÂDA	330	26	20	02	0	0	—	8.1	+1.0	28	17	24	0	52	0	2.4	
	465	QUSEIR	350	12	20	02	0	0	—	6.1	-2.4	29	13	18	-8	37	0	tr	+
	641	PORT SÛDÂN	340	4	20	01	1	0	—	5.9		35	17	24		35	0		
North Sudan	600	WÂDI HALFA	20	0	20	02	0	1	ci	10.0		29	12	24		35	0		
	640	ABU HAMAD	20	9	22	02	0	0	—	6.6		34	7	28		14	0		
	660	KAREIMA	70	4	20	01	1	2	ci	1.7		35	7	27		20	0		
	680	'ATBARA	340	6	20	02	1	3	ci	5.8		35	4	29		16	0		
	721	KHARTOÛM	250	10	20	02	2	6	Ac, ci	8.1		31	19	28		49	0		
	730	KASSALA																	
Central Sudan	751	WÂD MEDANI	180	5	20	02	2	7	Ac, As	8.1		28	20	21		62	0		
	801	RENK	180	5	20	02	2	8	Sc	10.4		25	14	18		70	5		
	802	ROSEIRES																	
	771	EL OBEID	30	0	20	02	2	7	Ac, As	9.4		27	20	25		66	1		
	760	EL FASHER	280	3	40	01	2	7	Ac, Cs	9.0		29	19	25		55	0		
	770	GENEINA	230	7	50	01	0	7		13.3		23	21	26		84	2		
S. Sûdân	840	MALAKÂL	90	2	20	02	2	7	Ac, Cs	11.8		25	21	23		79	0		
	880	WÂU	00	0	20	02	1	3	Ac, ci	11.0		24	21	22		84	0		
	941	JUBA	130	2	24	03	1	7	cb, Ac, Cs	11.5		25	22	22		84	0		

SHIP REPORTS IN CODE

1200	1800	0600
73332 26512 12410 99020 13079 12400 25204 05563	73228 36918 03313 98020 03430 00700 75314 30225 13422	13260 35106 03310 98020 06226 00900 74205 05123 13333
73316 25212 32609 98020 11775 38400 85400 00260	73253 35016 13211 98020 32484 00421 74302 20271 13332	13268 34606 03020 97020 08326
73244 36312 12110 98020 04386 00901 00400 00278	73328 24318 02404 99020 13374 00900 25400 05263 12412	13256 35306 03327 97020 06328 00900 75208 00062 [illegible]346
73321 30512 03607 98000 12880 00700 26400 00264		13270 34406 02902 98020 09126 00900

* 9 = Sky obscured by fog etc.

(A) AERODROME

LIBRARY [illegible] WEATHER BUREAU