FORM No.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 1st NOVEMBER 1956

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: التغيرات المنتظرة في حالة الطقس

QC 991 .E3 D3 1956 (Nov.-Dec.) Obs.

DHHAD WEATHER BUREAU

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National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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Information Manufacturing Corporation
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September 14, 1999

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		P. Said		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	31-10		31-10		31-10		31-10		31-10		31-10		31-10		31-10		31-10		31-10		31-10	
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	16	340	7	330	12	360	8	330	10	350	16	360	23	10	11	300	10	320	3	30	21
600 m.	340	5	330	9	320	13	340	11	340	14	350	20	360	23	330	13	290	10	300	3	20	22
1000 m.	330	4	330	10	290	10	360	11	330	25	360	11	10	25	330	11	280	7	320	4	20	27
1500 m.	260	14			250	10			280	12	360	26	10	29	330	3	270	3	290	10	30	16
2100 m.	300	22							300	25	10	18			260	6	170	2	290	12	30	13
2400 m.	290	23							300	23	320	9			240	3	140	5	280	12	20	18
3000 m.	280	25													300	6	140	10				
4000 m.	280	19															70	4				
5000 m.																	150	13				
6000 m.																	20	6				

STATION	Farafra		Dakhla		Kharga								Alex. (A)		Minya		Asyout		Dakhla		Kharga	
DATE	31-10		31-10		31-10								1-11		1-11		1-11		1-11		1-11	
TIME	14		14		14								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.	20	12	10	32	20	16							340	16	20	22	340	10	40	10	20	23
600 m.	40	17	10	34	20	27							360	14	20	30	20	23	40	16	30	19
1000 m.	30	11	10	38	20	27							10	17	10	26	20	27	50	22	30	35
1500 m.	30	15	10	36											10	25	10	30	20	25		
2100 m.	20	22													350	26			30	15		
2400 m.	20	33													340	16						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION							Helwan		Minya				Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE							1-11		1-11				1-11		1-11		1-11		1-11		1-11	
TIME							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.							330	4	360	15			10	9	50	13	30	27	40	4	320	12
600 m.							360	15	360	14			20	11	50	23	20	26	10	19	310	25
1000 m							40	15	360	17			30	17	50	10	30	30	10	22	310	9
1500 m.							30	17	330	13			10	28	40	10					300	8
2100 m									340	30			350	39							310	8
2400 m.													340	23							300	11
3000 m.													340	23							290	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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 09 U.T. / Sunset 15 08 U.T.

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

At 1200 on 31st

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	70	2	18	01	2	6	Sc,Cu,Cs	22.2	23	15	61
	303	SÎDI BARRÂNI	330	9	16	01	2	6	Sc,Ci	21.7	23	16	65
	306	MATRÛH (A)	10	7	16	02	2	5	Sc,Cu,Cs	22.0	22	14	61
	309	EL DAB'AA	340	5	20	00	0	4	AC	21.1	23	16	65
	319	ALEXANDRIA	310	11	20	02	1	6	Cu,Cc	21.6	24	14	54
	318	ALEXANDRIA (A)	330	12	12	02	2	6	Sc,Ci	21.4	25	14	51
	330	DAMIETTA	290	5	20	03	1	5	Cu	20.6	24	16	61
	333	PORT SA'ÎD (A)	350	8	20	03	1	6	Cu,Ci	20.7	24	17	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	310	5	20	01	1	3	Ci	20.7	25	17	61
	342	MANSÛRA	360	5		03	1	4	Cu	20.7	28	15	45
	348	TANTA	40	2	20	03	2	7	Cu,Ci	20.4	26	14	48
	360	SHEBÎN EL KÔM	320	5	20	01	1	4	Cu	20.3	26	12	42
	354	ZAGAZIG	00	0	20	03	1	5	Cu	18.6	28	17	52
	441	ISMA'ILIA	360	3	20	03	1	5	AC	19.8	28	13	40
Cairo Area	366	CAIRO (A)	330	8	16	03	0	3	Cu,Ci	19.7	26	13	45
	372	CAIRO ALMAZA (A)	360	10	20	01	0	3	Cu,Cs	19.7	26	13	45
	374	CAIRO EZBEKÎYA											
	375	GIZA	50	10	10	02	0	6	Cu,Ci	20.3	26	15	51
	378	HELWÂN	360	6	10	02	1	3	Cu	19.6	27	9	33
Upper Egypt	381	FAYOÛM	360	6	20	02	0	0	—	19.6	28	11	35
	387	MINYA (A)	360	13	12	02	0	0	—	18.1	30	6	22
	393	ASYOÛT (A)	290	7	15	02	0	0	—	16.8	26	12	42
	399	NAG' HAMÂDI	00	0	10	01	0	0	—	15.1	30	15	40
	402	QENA	290	2	20	00	0	0	—	15.5	28	15	45
	405	LUXOR (A)	350	4	22	02	0	0	—	15.1	30	13	35
	414	ASWÂN	350	12	16	02	0	0	—	14.4	31	4	18
Oases	417	SIWA	180	7	16	02	1	8	Ci	20.8	29	10	31
	420	BAHARÎYA	40	4	20	02	0	0	—	19.4	29	16	46
	423	FARAFRA	60	6	20	02	0	0	—	20.8	28	3	20
	432	DAKHLA	20	9	14	02	0	0	—	17.6	29	6	23
	455	KHARGA	350	5	15	02	0	0	—	15.0	30	3	18
Red Sea	450	SUEZ											
	459	TÔR	310	24	50	02	1	0	—	16.2	26	16	55
	462	HURGHÂDA	10	10	20	02	0	0	—	15.4	27	15	48
	465	QUSEIR	360	14	20	02	0	0		16.4	27	16	52
	641	PORT SÛDÂN	20	10	20	01	0	1	Sc	12.6	31	26	74
North Sudan	600	WÂDI HALFA	20	13	10	02	0	0	—	11.9	35	10	22
	640	ABU HAMAD	20	5	24	02	0	0		7.9	37	-5	7
	660	KAREIMA	20	11	20	02	0	0		8.0	37	7	16
	680	ATBARA	50	5	20	02	0	0	—	6.5	37	4	13
	721	KHARTOÛM	20	6	20	03	0	1	Cu	5.3	39	15	24
	730	KASSALA	100	1	20	02	0	0	—		39	8	15
Central Sudan	751	WÂD MEDANI											
	801	RENK	230	5	20	02	0	6	Cu	6.9	36	20	40
	802	ROSEIRES	310	5	20	02	0	1	Cu		35	17	35
	771	EL OBEID	60	13	20	03	0	3	Cu	4.3	37	5	13
	760	EL FASHER	60	8	20	03	1	6	AC	6.3	34	13	29
	770	GENEINA	120	5	30	03	1	1	Cu	7.1	34	5	16
S. Sudan	840	MALAKÂL	170	4	20	02	1	4	Cu	6.1	35	19	39
	880	WÂU	110	1	20	01	1	1	Cu		34	17	36
	941	JUBA	40	6	24	02	1	4	NS	5.9	31	21	55

At 1800 on 31st

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	SALLOÛM	00	0	16	02	0	0	—	23.[illegible]	[illegible]	12	24	-2	[illegible]	0
303	SÎDI BARRÂNI	350	10	12	01	0	0	—	23.5	20	13	23		64	0
306	MATRÛH (A)	360	11	16	02	0	0	—	23.0	20	14	23		69	0
309	EL DAB'AA														
319	ALEXANDRIA	310	14	20	01	1	0	—	22.6	21	12	25	-2	57	0
318	ALEXANDRIA (A)	330	11	10	02	0	2	Cu,Sc	22.5	21	11	26	0	53	0
330	DAMIETTA														
333	PORT SA'ÎD (A)	340	10	16	01	1	1	Cu	21.6	22	16	26	0	69	0
336	EL 'ARISH														
339	DAMANHÛR	310	2		02	0	1	Cu	21.5	19	14	26	-2	73	0
342	MANSÛRA														
348	TANTA	330	2	20	02	0	0	—	21.4	18	15	28	-1	83	0
360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	20.6	20	13	27		64	0
354	ZAGAZIG	00	0	10	02	0	0	—	19.9	23	15	29	0	61	0
441	ISMA'ILIA														
366	CAIRO (A)														
372	CAIRO ALMAZA (A)														
374	CAIRO EZBEKÎYA											24	+1		
375	GIZA	50	7	10	02	0	0	—	21.9	21	15	27	-1	69	0
378	HELWÂN	360	10	10	01	2	0	—	21.2	22	13	27	-2	57	0
381	FAYOÛM														
387	MINYA (A)	20	8	5	02	0	0	—	18.5	22	12	30	+1	53	0
393	ASYOÛT (A)	320	6	10	02	0	0	—	18.8	22	9	32	+2	44	0
399	NAG' HAMÂDI	00	0		00	0	0	—	15.8	19	14	31	[illegible]	13	0
402	QENA	220	2		00	0	0	—	15.4	23	12	30	-3	50	0
405	LUXOR (A)	00	0	12	02	0	0	—	15.5	22	8	33		41	0
414	ASWÂN	360	5	10	02	0	0	—	14.4	27	7	35	+1	28	0
417	SIWA	330	4	14	01	1	0	—	21.1	22	6	30	0	36	0
420	BAHARÎYA	00	0	10	02	0	0	—	21.0	21	13	29	0	61	0
423	FARAFRA	360	2	12	02	0	0	—	21.6	21	3	28		31	0
432	DAKHLA	00	0	5	02	0	0	—	18.3	26	0	31	0	18	0
455	KHARGA	350	8	6	02	0	0	—	15.2	25	2	31	-1	22	0
450	SUEZ	330	3	10	01	0	0		20.6	23	15	26	-3	61	0
459	TÔR	310	13	7	02	0	0	—	14.6	26	7	27	-1	30	0
462	HURGHÂDA			12	02	0	0	—	16.2	21	9	28	+1	47	0
465	QUSEIR	270	7	20	02	0	0	—	16.6	24	14	28	-1	54	0
641	PORT SÛDÂN											31			
600	WÂDI HALFA	20	11	20	02	0	0	—	12.0	27	2	38		20	0
640	ABU HAMAD	50	2	24	02	0	0	—	9.3	29	1	37		17	0
660	KAREIMA	350	5	21	02	0	0	—	8.4	31	0	37		13	0
680	ATBARA	00	0	20	02	0	0	—	7.7	30	10	37		29	0
721	KHARTOÛM	350	7	20	02	0	0	—	6.8	31	13	39		33	0
730	KASSALA	80	3	20	02	0	0	—	7.0	28	8	39		29	0
751	WÂD MEDANI											38			
801	RENK														
802	ROSEIRES											36			
771	EL OBEID	00	0	20	02	0	0	—	7.7	23	12	37		50	0
760	EL FASHER	30	6	20	01	0	1	AC	7.6	28	7	35		27	0
770	GENEINA	30	7	30	02	0	0	—	9.4	24	5	36		30	0
840	MALAKÂL	320	5	20	02	0	0	—	7.7	26	18	35		62	0
880	WÂU														
941	JUBA	00	0	50	13	1	1	Cb	5.5	27	21	35		70	0

At 0600 on Thursday 1st NOVEMBER, 1956

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 mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
62300	SALLOÛM																	
303	SÎDI BARRÂNI																	
306	MATRÛH (A)																	
309	EL DAB'AA																	
319	ALEXANDRIA	310	12	20	03	0	5	Cu	21.9	+4.3	21	10	20	+1	50	0	1	6
318	ALEXANDRIA (A)	360	9	12	01	1	5	Cu,Sc	21.8	+5.0	22	11	19	+3	50	0	8	6
330	DAMIETTA	340	2		03	1	7	Sc	20.8	+4.5	19	14	15	-2	73	0	0	6
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	230	2		01	1	4	Sc	22.3	+5.1	18	15	14	-2	83	0	0.4	4
342	MANSÛRA	00	0		01	0	3	Cu	21.2	+4.7	19	16	15	-1	83	0	0	3
348	TANTA	00	0	20	01	1	3	Cu	21.2	+3.9	17	13	11	-3	77	0	dr	3
360	SHEBÎN EL KÔM	320	2	10	01	1	1	Cu	21.1	+4.0	17	13	15		77	0	0	
354	ZAGAZIG	00	0	10	03	1	5	Cu	20.2	+3.2	18	14	12	-2	88	0	dr	2
441	ISMA'ILIA	290	3	20	01	1	4	AC	21.4		19	14	15		73	0	0	
366	CAIRO (A)																	
372	CAIRO ALMAZA (A)																	
374	CAIRO EZBEKÎYA										19	15	15	-1	78	0	0	2
375	GIZA	20	3	8	01	—	0		21.5	+4.4	17	12	12	-2	72	0	0	3
378	HELWÂN	00	0	6	02	0	4	Ci	21.8	+4.6	18	13	15	-2	73	0	0	1
381	FAYOÛM	360	4	20	02	0	0	—	21.9	+5.2	18	13	14	-1	73	0	0	0
387	MINYA (A)	10	7	10	02	0	0	—	21.1	+4.2	19	14	15	+1	73	0	0	
393	ASYOÛT (A)	330	7	14	02	0	0	—	20.2	+4.0	18	13	14	-2	73	0	0	
399	NAG' HAMÂDI	00	0		00	0	0		18.2	+2.9	18	13	13	-2	73	0	0	
402	QENA	360	2	10	00	0	0	—	18.2	+3.5	19	12	14	-2	64	0	0	
405	LUXOR (A)																	
414	ASWÂN																	
417	SIWA																	0
420	BAHARÎYA	00	0	10	01	0	0	—	22.0	+4.5	17	15	14	0	88	0	0	0
423	FARAFRA	10	1	15	02	0	0		23.3		18	12	14		68	0	0	
432	DAKHLA	340	5	13	02	0	0	—	21.1	+4.5	19	12	15	0	64	0	0	
455	KHARGA	350	8	10	02	0	0	—	17.6	+2.0	21	13	19	+3	61	0	0	
450	SUEZ																	2
459	TÔR	300	13	35	02	0	0		16.3	+1.4	23	8	17	0	38	0	0	1
462	HURGHÂDA																	
465	QUSEIR	340	18	20	02	0	0	—	16.7	+2.3	25	12	21	-1	45	0	0	0
641	PORT SÛDÂN	310	8	20	01	2	3	Sc	14.2		28	23	25		74	0	0	
600	WÂDI HALFA	20	5	20	02	0	0	—	16.2		21	6	13		38	0	0	
640	ABU HAMAD	20	5	24	02	0	0	—	13.5		26	5	21		27	0	0	
660	KAREIMA	20	3	20	02	0	0		12.4		26	7	23		30	0	0	
680	ATBARA																	
721	KHARTOÛM																	
730	KASSALA	310	2	20	03	0	0	—	12.4		28	16	22		49	0		
751	WÂD MEDANI	50	9	20	02	0	0	—	9.1		27	16	18		52	0		
801	RENK	310	5	20	02	0	2	Ci	11.3		25	21	23		79	0		
802	ROSEIRES	130	2	20	02	0	2	Ci	9.6		25	19	18		70	0		
771	EL OBEID	00	0	20	02	0	0	—	9.1		28	6	17		25	0		
760	EL FASHER	230	2	16	05	0	2	AC	11.2		24	8	20		36	0		
770	GENEINA	60	5	30	01	1	1	AC	13.6		23	5	17		32	0		
840	MALAKÂL	50	4	20	02	2	7	AC,CS	9.3		26	18	20		62	0		
880	WÂU	00	0	20	02	0	1	AC	8.1		25	22	22		84	0		
941	JUBA	160	1	24	03	1	4	AC,CS	9.5		26	22	20		79	0		

SHIP REPORTS in code

43338 23712 02806 98020 23822 00900
43269 34312 03114 99020 15725 00900
43172 34312 03118 98020 16719 00900

* 9 = Sky obscured by fog etc.

(A) AERODROME

LIBRARY [illegible] WEATHER BUREAU

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION							Minya						Bahariya		Farafra		Dakhla		Kharga		Harghada	
DATE							1-11						1-11		1-11		1-11		1-11		1-11	
TIME							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.							360	22					20	29	360	12	360	17	360	8	330	33
600 m.							360	24					20	30	10	22	360	28	10	12	320	32
1000 m.							300	26					10	9	10	12	360	32	30	13	300	14
1500 m.							110	22					20	20	360	13	10	27	20	11	320	11
2100 m.							300	16					20	25	10	13			50	10	300	12
2400 m.							340	12					10	25	10	14			10	6		
3000 m.							350	13					360	24	20	14			30	3		
4000 m.																			80	6		
5000 m.																						
6000 m.																						

STATION							Minya										Dakhla		Kharga			
DATE							2-11										2-11		2-11			
TIME							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	16									40	11	20	25		
600 m.							20	18									40	20	30	30		
1000 m.							20	19									20	16	20	37		
1500 m.							10	26									50	17				
2100 m.																	30	35				
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION			Alex.(A)				Minya		Asyout				Bahariya		Farafra		Dakhla		Kharga			
DATE			2-11				2-11		2-11				2-11		2-11		2-11		2-11			
TIME			8				9		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	6			360	29	340	18			30	12	60	10	40	12	10	10		
600 m.			40	5			10	24	350	15			30	12	50	17	40	15	10	15		
1000 m.			40	15			20	16	10	16			30	22	40	16	30	14	40	5		
1500 m.			30	17			20	13	10	10			40	23	30	17	50	13	320	5		
2100 m.							360	10							40	20			290	4		
2400 m.							320	5							20	23						
3000 m.							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.																				

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 2nd NOVEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 09 U.T. / " " Sunset 15 08 U.T.

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

At 0600 on FRIDAY 2nd NOVEMBER, 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.	Bar. Pressure 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																	
	303	SÎDI BARRÂNI																	
	306	MATRÛḤ (A)																	
	309	EL ḌAB'AA																	
	319	ALEXANDRIA	360	6	20	03	0	5	Sc	19.8	+2.2	21	14	14	-4	65	0	6	7
	318	ALEXANDRIA (A)	50	2	12	02	2	5	Sc	19.1	+2.2	19	12	16	0	64	0	8	6
	330	DAMIETTA																	6
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	40	2	10	01	1	3	ci	19.2	+1.9	20	15	14	-1	73	0	0.4	4
	342	MANṢÛRA																	3
	348	ṬANṬA																	3
	360	SHEBÎN EL KÔM	320	2	10	01	1	1	As	18.8	+1.6	18	13	14		73	0	0	
	354	ZAGAZIG	00	0	10	01	1	2	As	17.2	+0.1	18	15	12	-2	83	0	tr	2
	441	ISMA'ILÎA	40	1	20	01	1	0	—	19.1		17	13	13		77	0	0	
Cairo Area	366	CAIRO (A)																	
	372	CAIRO ALMÂZA (A)																	
	374	CAIRO EZBEKÎYA										19	11	15	-1	60	0	0	2
	375	GIZA	00	0	10	02	0	2	Sc,cu	19.8	+2.7	16	13	12	-2	82	0	0	3
	378	ḤELWÂN	20	5	10	02	1	4	ci	19.1	+1.9	18	10	14	-2	60	0	0	1
Upper Egypt	381	FAYOÛM	360	6	20	02	1	3	Ac	19.2	+2.4	18	13	12	-3	73	0	0	0
	387	MINYA (A)	360	9	9	03	0	2	ci	17.9	+1.0	17	12	12	-1	72	0	0	
	393	AṢYOÛṬ (A)	300	4	14	02	2	5	ci	17.7	+1.4	17	12	14	-1	72	0	0	
	399	NAG' ḤAMÂDI	00	0		00	0	0	—	16.4	+1.0	17	13	13	-2	77	0	0	
	402	QENA	270	2	10	00	0	0	—	16.3	+1.5	18	13	14	-2	73	0	0	
	405	LUXOR (A)																	
	414	ASWÂN																	
Oases	417	SÎWA																	●
	420	BAḤARÎYA	00	0	20	03	2	7	ci	19.6	+2.0	16	14	12	-2	88	0	0	●
	423	FARAFRA	10	3	15	03	1	5	ci	20.8		15	9	11		68	0	0	
	432	DAKHLA	20	5	13	03	0	2	Ac	19.0	+2.3	18	10	14	-1	60	0	0	
	435	KHARGA																	
Red Sea	450	SUEZ	330	2	20	00	0	2	cu	18.7	+2.5	17	13	11	-6	77	0	0	8
	459	TÔR	40	2	20	03	0	5	Sc,cu	15.6	+0.5	18		16	0	52	0	0	1
	462	HURGHÂDA	320	15	20	02	0	2	ci	15.4	+0.8	21	14	16	-2	65	0	0	
	465	QUSEIR	300	12	20	02	0	0	—	14.6	+0.1	23	12	20	-2	50	0	0	0
	641	PORT SÛDÂN	310	11	20	03	1	2	Sc	13.5		29	22	14		66	0		
North Sudan	600	WÂDI ḤALFA	00	0	20	02	0	0	—	14.5		26	7	15		30	0		
	640	ABU ḤAMAD	360	3	24	02	0	0	—	11.2		25	1			21	0		
	660	KAREIMA	30	4	21	02	0	0	—	10.9		26	7	23		30	0		
	680	'AṬBARA																	
	721	KHARṬOÛM	40	12	20	02	0	0	—	8.9		27	17	24		55	0		
	730	KASSALA	160	8	15	07	0	0	—	7.5		31	13	24		33	0		
Central Sudan	751	WÂD MEDANI	50	9	20	02	0	0	—	7.9		26	15	20		51	0		
	801	RENK	130	2	20	02	0	3	Ac	9.3		27	2	18		20	0		
	802	ROSEIRES	230	5	20	02	1	4	Sc	8.3		24	16	18		61	0		
	771	EL OBEID	30	9	20	01	0	0	—	8.2		24	1	15		22	0		
	760	EL FASHER	290	1	20	02	0	0	—	11.3		21	5	15		35	0		
	770	GENEINA	40	17	30	02	0	0	—	11.4		23	-4			16	0		
S. Sûdân	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

SHIP REPORTS in Code

At 1200 on 1-11

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. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
319	ALEXANDRIA	310	11	20	01	1	3	Cu	20.7	24	12	47
318	ALEXANDRIA (A)	340	12	12	02	0	3	Cu	20.5	25	12	45
330	DAMIETTA	320	2	20	01	1	1	Cu	19.5	23	11	47
339	DAMANHÛR	310	5	10	01	1	3	Cu	19.9	24	12	47
342	MANṢÛRA	40	5	4	03	1	5		19.9	26	12	42
348	ṬANṬA	310	7	20	03	2	6	Cu	19.9	24	12	47
360	SHEBÎN EL KÔM	340	5	20	01	1	3	Cu	19.1	25	8	34
354	ZAGAZIG	220	1	20	03	1	6	Cu	18.2	25	17	61
441	ISMA'ILÎA	20	4	20	03	1	6	Ac	18.8	27	9	33
372	CAIRO ALMÂZA (A)	360	11	20	03	2	6	Cu,Ci	18.5	25	9	36
375	GIZA	50	11	10	03	1	5	Cu,ci	18.4	25	11	42
378	ḤELWÂN	360	5	10	02	1	2	Cu,ci	18.6	24	6	32
381	FAYOÛM	360	6	20	02	0	0	—	18.6	25	11	42
387	MINYA (A)	360	12	10	02	0	0	—	18.3	26	10	37
393	AṢYOÛṬ (A)	320	10	20	02	0	0	—	16.7	26	11	40
399	NAG' ḤAMÂDI	200	2	10	00	0	0	—	14.7	27	11	37
402	QENA	270	2	20	00	0	0	—	14.2	28	13	40
420	BAḤARÎYA	40	6	20	01	0	0	—	19.2	25	14	51
423	FARAFRA	10	5	20	02	0	0	—	20.1	25	11	42
432	DAKHLA	350	13	14	02	0	0	—	17.8	27	6	27
435	KHARGA	20	10	8	02	0	0	—	15.0	28	6	25
450	SUEZ	360	2	50	03	0	5	Cu	18.3	25	13	48
459	TÔR	310	4	50	02	0	0	—	15.4	25	17	61
462	HURGHÂDA	360	14	20	02	0	0	—	14.0	26	15	51
465	QUSEIR	350	16	20	02	0	0	—	14.9	27	16	52
641	PORT SÛDÂN	360	11	20	01	1	1	Sc	11.8	30	23	66
600	WÂDI ḤALFA	20	12	20	02	0	0	—	11.1	34	3	14
640	ABU ḤAMAD	50	5	24	02	0	0	—	7.7	37	-3	8
660	KAREIMA	20	7	21	02	0	0	—	7.7	35	5	15
680	'AṬBARA	50	5	20	02	0	0	—	5.4	36	9	19
721	KHARṬOÛM	70	7	20	01	1	0	—	5.2	36	14	27
730	KASSALA	90	4	20	02	0	0	—	3.7	37	3	12
751	WÂD MEDANI	50	9	20	02	0	5	Cu	3.7	37	8	17
801	RENK	230	2	20	02	0	4	Cu	7.4	35	19	39
802	ROSEIRES	230	5	20	02	0	2	Cu	3.6	36	14	27
771	EL OBEID	50	8	20	02	0	0	—	3.7	37	0	10
760	EL FASHER	40	17	22	01	1	2	Ac	6.2	34	8	20
770	GENEINA	90	14	30	03	0	2	Ac,Cc	6.1	35	1	12
840	MALAKÂL	100	7	20	03	2	4	Cb,Ac,Cs	5.3	34	17	36
880	WÂU	50	5	20	01	1	2	Cu	3.7	35	17	35
941	JUBA	310	1	24	03	1	5	Cu	3.7	34	19	41

At 1800 on 1-11

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. °C Dry Bulb	Temp. °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
319	ALEXANDRIA	350	16	20	01	0	0	—	20.8	21	12	24	-3	57	0
318	ALEXANDRIA (A)	350	10	12	02	0	3	Sc	20.3	21	11	25	-1	53	0
330	DAMIETTA	320	2		00	0	0	—	19.0	20	13	23	-3	64	0
339	DAMANHÛR	310	2		02	0	1	ci	20.3	18	15	25	-3	38	0
360	SHEBÎN EL KÔM	320	2	10	01	1	1	Sc	20.7	21	12	26		57	0
354	ZAGAZIG	00	0	10	02	0	0	—	19.6	20	15	28	-1	73	0
374	CAIRO EZBEKÎYA											27	-1		
375	GIZA	80	9	10	01	1	2	cu	19.8	19	11	28	+1	60	0
378	ḤELWÂN	360	11	10	01	1	0	—	19.8	20	11	25	-3	56	0
381	FAYOÛM	360	4	20	02	0	0	—	18.2	21	11	26	-3	53	0
387	MINYA (A)	360	6	8	02	0	0	—	17.9	19	10	26	-3	56	0
393	AṢYOÛṬ (A)	130	6	10	02	0	0	—	17.4	19	14	31	+3	73	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	15.4	21	12	29	-2	57	0
402	QENA	290	2		00	0	0	—	14.0	24	12	31	-2	47	0
420	BAḤARÎYA	40	5	10	02	0	0	—	19.3	20	12	26	-3	60	0
423	FARAFRA	360	2	12	02	0	0	—	20.6	18	6	26		46	0
432	DAKHLA	340	4	5	02	0	0	—	18.6	22	9	27	-4	44	0
435	KHARGA	360	1	6	02	0	0	—	15.0	21	7	29	-2	41	0
450	SUEZ	20	3	10	02	0	0	—	18.5	22	15	25	-4	65	0
459	TÔR	310	9	7	02	0	0	—	14.3	24	12	26	-2	47	0
462	HURGHÂDA	320	16	10	02	0	0	—	15.0	23	15	26	-1	61	0
465	QUSEIR	300	12	20	02	0	0	—	14.3	26	21	27	-2	74	0
600	WÂDI ḤALFA											38			0
640	ABU ḤAMAD											37			
721	KHARṬOÛM											37			0
730	KASSALA											38			0
751	WÂD MEDANI											38			
801	RENK											36			
802	ROSEIRES											37			
771	EL OBEID											37			0
760	EL FASHER											35			0
770	GENEINA											36			0

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Minya 2-11 14		Dakhla 2-11 14		Kharga 2-11 14	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
350	18			20	17
360	16			10	17
10	12	20	9	30	14
360	19	50	9	10	17
360	16	30	3		
70	5	40	3		
50	6				

Dakhla 3-11 3		Kharga 3-11 3	
DIR.	SPEED	DIR.	SPEED
350	3	10	10
340	4	50	9
30	4	360	3
		360	7

Alex.(A) 3-11 8		Dakhla 3-11 8		Kharga 3-11 8		Hurghada 3-11 8	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
100	25	340	4	20	5	310	8
90	18	340	3	120	10	70	5
120	11	280	3	180	2	220	5
120	19			190	9	210	10
140	13					180	23
110	27			180	24	160	10
[illegible]	16			260	26	150	11

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

ALT m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °C	HUM. %	WIND DIR.	WIND SPEED

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 3rd NOVEMBER 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

_____

_____

_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 10 U.T.
Sunset 15 07 U.T.

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

At 1200 on 2nd

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	BALLOÛM											
✝303	SÎDI BARRÂNI											
✝306	MATRÛH (A)											
✝309	EL DAB'AA											
✝319	ALEXANDRIA	310	10	20	01	1	2	cc	18.3	23	15	61
318	ALEXANDRIA (A)	360	12	12	03	0	3	ci	17.8	24	12	41
✝330	DAMIETTA	40	5	20	00	1	1	Ac	17.4	23	12	50
✝333	PORT SA'ÎD (A)											
✝336	EL 'ARISH											
✝339	DAMANHÛR	40	5	10	01	0	1	ci	17.4	25	15	54
✝342	MANSÛRA	20	5		03	1	5	cu	17.6	26	14	48
✝348	TANTA											
360	SHEBÎN EL KÔM	320	5	20	01	1	3	cu	18.6	23	5	32
354	ZAGAZIG	320	1	20	03	1	7	cu	17.9	24	18	69
✝441	ISMA'ILIA											
✝366	CAIRO (A)											
✝372	CAIRO ALMÂZA (A)											
✝374	CAIRO EZBEKÎYA											
375	GIZA	50	10	10	02	0	3	cc	16.4	24	11	44
378	HELWÂN	20	11	20	02	2	6	cc	15.9	24	8	36
✝381	FAYOÛM	360	6	20	02	1	5	Ac	15.6	25	10	39
✝387	MINYA (A)	20	11	10	02	1	3	ci	14.9	26	8	32
✝393	ASYOÛT (A)	320	5	20	03	1	5	ci	13.6	25	11	42
399	NAG' HAMÂDI	00	0	10	01	0	3	Ac	14.0	27	16	52
402	QENA	270	2	20	00	0	0	—	13.1	26	14	48
✝405	LUXOR (A)											
✝414	ASWÂN											
✝417	SÎWA	340	6	20	02	2	7	Ac, As	15.1	25	14	51
✝420	BAHARÎYA	20	6	20	01	0	2	ci	17.0	24	6	32
✝423	FARAFRA											
432	DAKHLA	340	3	14	01	0	2	Ac	14.8	27	2	20
435	KHARGA	50	5	15	03	0	1	ci	12.2	27	8	30
✝450	SUEZ											
✝459	TÔR											
✝462	HURGHÂDA											
465	QUSEIR	350	12	20	03	0	3	ci	13.3	26	16	55
641	PORT SÛDÂN	360	11	20	02	0	4	Sc	10.1	31	23	62
600	WÂDI HALFA	10	12	20	02	0	0	—	9.9	33	3	15
640	ABU HAMAD	70	5	24	02	0	0	—	6.5	31	3	17
660	KAREIMA	30	5	21	02	0	0	—	6.4	35	4	14
680	'ATBARA	250	4	20	02	0	0	—	4.9	35	8	19
721	KHARTOÛM	60	5	20	03	0	2	cu, ci	3.9	36	16	31
730	KASSALA	160	4	20	02	0	0	—	3.1	37	9	18
751	WÂD MEDANI	230	2	20	02	1	4	cu	2.3	33	11	26
801	RENK	230	9	20	02	1	5	cu	4.2	37	21	40
802	ROSEIRES	50	5	20	02	1	4	cu	2.2	36	14	27
771	EL OBEID											
760	EL FASHER	50	11	24	02	0	1	cu	5.1	33	-3	10
770	GENEINA	50	13	20	02	0	1	Ac	6.3	33	-5	8
840	MALAKÂL	50	5	20	02	1	3	cu, Ac, ci	3.8	34	14	30
880	WÂU	00	0	20	03	1	3	cu	2.6	34	17	36
941	JUBA	90	3	24	03	1	6	cb cu	1.5	34	18	39

At 1800 on 2nd

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	BALLOÛM														
✝303	SÎDI BARRÂNI														
✝306	MATRÛH (A)														
✝309	EL DAB'AA														
✝319	ALEXANDRIA	360	14	20	01	0	1	Cu	18.6	21	14			65	0
318	ALEXANDRIA (A)	40	7	12	02	0	0	—	18.4	18	12	25	-1	68	0
✝330	DAMIETTA	40	2		00	0	0	—	18.0	23	12	24	-1	50	0
✝333	PORT SA'ÎD (A)														
✝336	EL 'ARISH														
✝339	DAMANHÛR	40	2		02	0	0	—	17.9	18	15	26	-2	83	0
✝342	MANSÛRA														
✝348	TANTA														
360	SHEBÎN EL KÔM	340	2	10	01	1	1	Sc	18.4	18	13	25		73	0
354	ZAGAZIG	00	0	10	02	0	0	—	18.0	23	16	25	-3	65	0
✝441	ISMA'ILIA														
✝366	CAIRO (A)														
✝372	CAIRO ALMÂZA (A)														
✝374	CAIRO EZBEKÎYA											27	-1		
375	GIZA											26	-1		
378	HELWÂN	40	8	10	01	1	0	—	17.0	19	9	25	-2	52	0
✝381	FAYOÛM	360	4	20	02	0	0	—	15.5	20	13	26	-3	64	0
✝387	MINYA (A)														
✝393	ASYOÛT (A)	260	2	10	02	0	0	—	14.7	20	12	26	-2	60	0
399	NAG' HAMÂDI	00	0		00	0	0	—	14.3	19	16	28	-3	83	0
402	QENA	00	0		00	0	0	—	13.4	20	13	28	-4	64	0
✝405	LUXOR (A)														
✝414	ASWÂN														
✝417	SÎWA														
✝420	BAHARÎYA														
✝423	FARAFRA														
432	DAKHLA	00	0	5	02	0	0	—	15.4	21	4	28	-3	33	0
435	KHARGA	00	0	6	02	0	0	—	13.8	21		28	-3		0
✝450	SUEZ	330	2	10	01	0	2	cu	17.1	20	13	27	-2	64	0
✝459	TÔR														
✝462	HURGHÂDA														
465	QUSEIR	340	9	20	01	1	1		13.7	22	15	26	-3	65	0
641	PORT SÛDÂN											31			0
600	WÂDI HALFA											34			0
640	ABU HAMAD											32			0
660	KAREIMA											35			0
680	'ATBARA											36			0
721	KHARTOÛM											37			0
730	KASSALA											38			0
751	WÂD MEDANI											38			
801	RENK														
802	ROSEIRES														
771	EL OBEID														
760	EL FASHER											36			0
770	GENEINA														
840	MALAKÂL														
880	WÂU														
941	JUBA											35			0

At 0600 on SATURDAY 3rd NOVEMBER, 1956

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.	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	BALLOÛM																	
	✝303	SÎDI BARRÂNI																	
	✝306	MATRÛH (A)																	
	✝309	EL DAB'AA																	
	✝319	ALEXANDRIA																	8
	318	ALEXANDRIA (A)	100	9	14	02	0	1	ci	17.5	+0.6	19	14	14	-2	73	0	6	7
	✝330	DAMIETTA																	7
	✝333	PORT SA'ÎD (A)																	
	✝336	EL 'ARISH																	
LOWER EGYPT	✝339	DAMANHÛR																	4
	✝342	MANSÛRA																	3
	✝348	TANTA																	3
	360	SHEBÎN EL KÔM	320	3	10	00	0	1	cu	17.0	-0.2	17	13	15		77	0	0	
	354	ZAGAZIG	00	0	10	01	1	2	As	16.2	-1.9	17	15	11	-3	88	0	tr	0
	✝441	ISMA'ILIA																	
CAIRO AREA	✝366	CAIRO (A)																	
	✝372	CAIRO ALMÂZA (A)																	
	✝374	CAIRO EZBEKÎYA									20	13	14	-2	64	0	0	2
	375	GIZA	50	3	10	01	—	2	Sc, Cu	16.8	-0.4	17	14	12	-2	83	0	0	3
	378	HELWÂN	00	0	10	02	2	4	ci	18.7	+1.4	20	11	16	0	56	0	0	1
UPPER EGYPT	✝381	FAYOÛM																	0
	✝387	MINYA (A)																	
	✝393	ASYOÛT (A)																	
	399	NAG' HAMÂDI	00	0		00	0	3	Ac, ci	16.3	+0.8	17	10	11	-4	64	0	0	
	402	QENA	00	0	10	00	0	0	—	15.4	+1.0	18	10	12	-4	60	0	0	
	✝405	LUXOR (A)																	
	✝414	ASWÂN																	
OASES	✝417	SÎWA																	0
	✝420	BAHARÎYA																	0
	✝423	FARAFRA																	
	432	DAKHLA	00	0	14	02	0	0	—	17.0	+0.2	13	4	10	-5	55	0	0	
	435	KHARGA	20	1	10	01	1	1	ci	14.3	-1.5	15	9	8	-8	68	0	0	
RED SEA	✝450	SUEZ																	2
	✝459	TÔR																	1
	✝462	HURGHÂDA																	
	465	QUSEIR	290	8	20	03	0	5	As, Cc	15.0	+0.5	24	12	18	-3	47	0	0	0
	641	PORT SÛDÂN	310	8	20	01	0	1	Sc	14.1		28	20	23		62	0		
NORTH SUDAN	600	WÂDI HALFA	360	2	20	02	0	0	—	13.4		20	7	15		43	0		
	640	ABU HAMAD	50	5	24	02	0	0	—	11.3		26	9	21		35	0		
	660	KAREIMA	40	7	21	02	0	0	—	9.9		27	9	23		33	0		
	680	'ATBARA	40	6	20	02	0	0	—	9.5		27	15	22		48	0		
	721	KHARTOÛM	60	7	20	01	0	0	—	8.1		28	8	23		29	0		
	730	KASSALA	150	10	20	07	0	1	Ac	8.1		30	12	23		33	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	1	3	Ac	8.7		27	16	23		32	0		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER	00	0	20	03	1	5	Ac	10.5		19	3	15		35	0		
	770	GENEINA	40	8	30	01	0	1	ci	12.2		21	19	12		88	0		
S. SÛDÂN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA	180	6	24	03	1	6	Ac, Cs	7.8		26	21	21		74	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

✝ *Observations missing as a result of the destruction of meteorological instruments or interruption of observations by the Anglo-French-Israeli Agression on Egypt.*

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION																							Hurghada
DATE																							3-11
TIME																							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	8
600 m.																					160	3
1000 m.																					70	3
1500 m.																					310	3
2100 m.																						
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION													Dakhla									
DATE													4-11									
TIME													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.													310	7								
600 m.													300	7								
1000 m.													240	7								
1500 m.																						
2100 m.																						
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION									Helwan								Dakhla		Kharga		Hurghada	
DATE									4-11								4-11		4-11		4-11	
TIME									6	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.									160	10							360	2	30	7	140	5
600 m.									90	18							100	2	100	10	120	9
1000 m.									210	24							250	7	90	3	160	9
1500 m.									210	27							180	24	140	13	190	10
2100 m.																	190	27				
2400 m.																	200	20				
3000 m.																	200	11				
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 SUNDAY 4th NOVEMBER, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 11 U.T.
" " Sunset 15 02 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 %	Rain past 12 hrs. mms.
62300 SALLOÛM												
303 SÎDI BARRÂNI												
306 MATRÛH (A)												
309 EL ḌAB'AA												
319 ALEXANDRIA	40	10	20	02	0	0	—	14.3	22	19	88	0
318 ALEXANDRIA (A)												
330 DAMIETTA												
333 PORT SA'ÎD (A)												
336 EL 'ARISH												
339 DAMANHÛR												
342 MANṢÛRA												
348 ṬANṬA												
360 SHEBÎN EL KÔM	40	2	10	01	1	1	Ac	14.0	19	14	87	0
354 ZAGAZIG												
441 ISMA'ÎLIA	70	2	20	01	1	2	Ac	12.6	20	8	25	
366 CAIRO (A)												
372 CAIRO ALMÁZA (A)												
374 CAIRO EZBEKÎYA												
375 GIZA	210	4	10	02	0	2	Ac	12.8	21	7	23	
378 HELWÂN	00	0	10	02	1	2	Ac	13.0	29	6	23	
381 FAYOÛM												
387 MINYA (A)												
393 AṢYOÛṬ (A)												
399 NAG' HAMÂDI												
402 QENA												
405 LUXOR (A)												
414 ASWÂN												
417 SÎWA												
420 BAHARÎYA												
423 FARAFRA												
432 DAKHLA												
435 KHARGA												
450 SUEZ												
459 TÛR												
462 HURGHÂDA	20	8	12	02	0	1	Ci	12.2	27	17	55	
465 QUSEIR												
641 PORT SÛDÂN												
600 WÂDI HALFA												
640 ABU HAMAD												
660 KAREIMA												
680 ATBARA												
721 KHARṬOÛM												
730 KASSALA												
751 WÂD MEDANI												
801 RENK												
802 ROSEIRES												
771 EL OBEID												
780 EL FASHER												
770 GENEINA												
840 MALAKÂL												
880 WÂU												
941 JUBA												

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.
62300 SALLOÛM														
303 SÎDI BARRÂNI														
306 MATRÛH (A)														
309 EL ḌAB'AA														
319 ALEXANDRIA	40	10	20	02	0	0	—	14.3	22	19	22	+2	83	0
318 ALEXANDRIA (A)														
330 DAMIETTA														
333 PORT SA'ÎD (A)														
336 EL 'ARISH														
339 DAMANHÛR														
342 MANṢÛRA														
348 ṬANṬA														
360 SHEBÎN EL KÔM	40	2	10	01	1	1	Ac	14.0	19	14	27		73	0
354 ZAGAZIG														
441 ISMA'ÎLIA														
366 CAIRO (A)														
372 CAIRO ALMÁZA (A)														
374 CAIRO EZBEKÎYA											30	+2		
375 GIZA											32	+5		
378 HELWÂN	90	3	10	01	1	0	—	13.4	23	5	30	+3	32	0
381 FAYOÛM														
387 MINYA (A)														
393 AṢYOÛṬ (A)														
399 NAG' HAMÂDI														
402 QENA														
405 LUXOR (A)														
414 ASWÂN														
417 SÎWA														
420 BAHARÎYA														
423 FARAFRA														
432 DAKHLA														
435 KHARGA														
450 SUEZ														
459 TÛR														
462 HURGHÂDA	00	0	12	01	0	0	—	14.0	20	16	23	+1	78	0
465 QUSEIR														
641 PORT SÛDÂN														
600 WÂDI HALFA														
640 ABU HAMAD														
660 KAREIMA														
680 ATBARA														
721 KHARṬOÛM														
730 KASSALA														
751 WÂD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID														
780 EL FASHER														
770 GENEINA														
840 MALAKÂL														
880 WÂU														
941 JUBA														

At 0600 on SUNDAY 4TH NOVEMBER 1956

Station	Wind Direction Deg	Wind Velocity in 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 Since Oct. 1st	Rainfall mms. Normal Since Oct. 1st
62300 SALLOÛM																	
303 SÎDI BARRÂNI																	
306 MATRÛH (A)																	
309 EL ḌAB'AA																	
319 ALEXANDRIA	40	12	20	01	0	0	—	17.4	-0.3	21	14	17	-1	65	0	6	0
318 ALEXANDRIA (A)																	0
330 DAMIETTA																	7
333 PORT SA'ÎD (A)																	
336 EL 'ARISH																	
339 DAMANHÛR																	5
342 MANṢÛRA																	3
348 ṬANṬA																	3
360 SHEBÎN EL KÔM	20	2	10	01	1	1	Cu	14.8	-2.66	18	10	15		89	0	0	
354 ZAGAZIG										20	11	15	-1	86	0	dp	2
441 ISMA'ÎLIA																	
366 CAIRO (A)																	
372 CAIRO ALMÁZA (A)																	
374 CAIRO EZBEKÎYA										20	11	15	-1	56	0	0	0
375 GIZA	250	5	8	03	—	0	—	15.6	-1.6	18	8	13	-2	52	0	0	3
378 HELWÂN	00	0	6	02	0	0	—	16.0	-1.8	17	7	15	-1	52	0	0	1
381 FAYOÛM																	0
387 MINYA (A)																	
393 AṢYOÛṬ (A)																	
399 NAG' HAMÂDI																	
402 QENA																	
405 LUXOR (A)																	
414 ASWÂN																	
417 SÎWA																	0
420 BAHARÎYA																	0
423 FARAFRA																	
432 DAKHLA	90	1	14	02	0	0	—	17.2	+0.3	14	-1	12	-3	86	0	0	
435 KHARGA	00	0	10	02	0	0	—	13.8	-2.1	17	8	12	-4	56	0	0	
450 SUEZ																	2
459 TÛR																	1
462 HURGHÂDA	00	0	20	02	0	0	—	15.4	+0.7	22	7	14	-3	88	0		
465 QUSEIR	280	3	20	02	0	0	—	15.2	+0.6	25	8	19	-2	34	0	0	0
641 PORT SÛDÂN																	
600 WÂDI HALFA																	
640 ABU HAMAD																	
660 KAREIMA																	
680 ATBARA																	
721 KHARṬOÛM																	
730 KASSALA																	
751 WÂD MEDANI																	
801 RENK																	
802 ROSEIRES																	
771 EL OBEID																	
780 EL FASHER																	
770 GENEINA																	
840 MALAKÂL																	
880 WÂU																	
941 JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

✠ Observations missing as a result of the destruction of meteorological instruments or interruption of observations by the Anglo-French-Israeli Aggression on Egypt.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION																	Dakhla		Kharga		Hurghada	
DATE																	4-11		4-11		4-11	
TIME																	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.																	320	4	10	4	130	18
600 m.																	340	5	40	6	120	17
1000 m.																	130	3	140	3	130	10
1500 m.																	200	7	150	7	140	18
2100 m.																			150	7	160	32
2400 m.																			150	7		
3000 m.																			140	14		
4000 m.																			160	10		
5000 m.																						
6000 m.																						

STATION									Minya													
DATE									5-11													
TIME									2													
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	3												
600 m.									120	9												
1000 m.									120	3												
1500 m.									160	8												
2100 m.									170	13												
2400 m.									170	18												
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION							Helwan		Minya						Farafra						Hurghada	
DATE							5-11		5-11						5-11						5-11	
TIME							6		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
800 m.							130	5	100	8					160	6					110	10
600 m.							200	4	40	7					150	14					140	16
1000 m.							250	11	20	3					140	10					150	16
1500 m.							240	16	170	7					210	7					140	31
2100 m.							230	19	180	15					230	13					140	16
2400 m.							210	24	180	17					190	9					160	32
3000 m.							210	32	180	16											190	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 5th NOVEMBER, 1956

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
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20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
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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
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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 "	
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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"

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1 Cloud covering more than ½ sky during part of the period
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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: _____ التنبيهات المتعلقة بحالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 12 U.T. / " " Sunset 15 05 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	Dew Point	Relative Humidity %
ALEXANDRIA	360	16	20	02	0	0	—	14.4	24	18	69
EL 'ARISH	180	5	10	02	0	0	—	13.8	29	9	29
DAMIETTA	220	6	20	02	0	0	—	14.4	28	10	33
PORT SA'ID (A)	220	1	20	02	0	0	—	11.9	30	17	46
CAIRO EZBEKÍYA	270	6	10	02	2	0	—	13.6	30	6	22
HELWÁN	00	0	20	02	0	0	—	13.6	28	7	27
FAYOUM	240	4	20	02	0	0	—	13.9	28	9	31
MINYA (A)	00	0	10	00	0	2	Ac	13.3	30	17	46
ASYOÛT (A)	00	0	20	00	0	0	—	13.1	32	14	34
ASWÂN	180	2	20	02	0	0	—	14.1	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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
ALEXANDRIA	190	6	12	02	0	0	—	13.2	21	13	30	+4	61	0
CAIRO EZBEKÍYA											32	+4		
GIZA											31	+4		
HELWÁN	00	0	4	02	0	0	—	14.3	23	5	29	+2	32	0
ASWÂN	180	2	12	02	0	0	—	14.2	25	22	31	+4	84	0

At 0600 on MONDAY 5th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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 mms.
ALEXANDRIA	130	5	20	03	0	5	As,Cs	14.7	-3.0	20	17	16	-2	83	0	6	10
DAMIETTA																	9
PORT SA'ID (A)																	8
DAMANHÚR	110	2	10	02	0	3	Ci	14.6	-2.9	20	8	14	-1	46	0	0.4	5
MANSÛRA																	3
TANTA																	3
SHEBÍN EL KÔM	320	2	10	01	1	1	Sc	15.8	-1.5	18	13	14		73	0	0	2
CAIRO EZBEKÍYA										22	13	16	+1	57	0	0	2
GIZA	220	4	10	03		2	Ci	15.8	-1.4	21	5	11	-2	35	0	0	3
HELWÁN	00	0	4	02	0	2	Ci	16.3	-1.1	22	3	18	+2	29	0	0	1
MINYA (A)	00	0	10	02	0	0	—	14.8	-2.2	19	10	12	-2	56	0	0	0
DAKHLA	00	0	14	03	0	1	Ci	16.8	-0.2	19	4	15	+1	37	0	0	
KHARGA	00	0	10	02	0	0	—	13.8	-2.1	23	9	16	+1	41	0	0	
HURGHÂDA	00	0	20	02	2	5	Cb	15.5	+0.8	24	16	15	-2	61	0	0	2
QUSEIR																	1
PORT SÛDÂN																	0

Area	Station Number	Station
MEDITERRANEAN	#62300	SALLOÛM
	# 303	SÎDI BARRÂNI
	# 306	MATRÛH (A)
	# 309	EL DABA'A
	# 319	ALEXANDRIA
	# 318	ALEXANDRIA (A)
	# 330	DAMIETTA
	# 333	PORT SA'ID (A)
	# 336	EL 'ARISH
LOWER NILE	# 339	DAMANHÛR
	# 342	MANSÛRA
	# 348	TANTA
	# 360	SHEBÍN EL KÔM
	# 354	ZAGAZIG
	# 441	ISMA'ILÍA
CAIRO AREA	# 360	CAIRO (A)
	# 372	CAIRO ALMÂZA (A)
	# 374	CAIRO EZBEKÍYA
	375	GIZA
	378	HELWÁN
MIDDLE EGYPT	# 351	FAYOUM
	# 357	MINYA (A)
	# [illegible]	ASYOÛT (A)
	# 399	NAG' HAMÂDI
	[illegible]	QENA
	[illegible]	LUXOR (A)
	[illegible]	ASWÂN
OASES	# [illegible]	SÎWA
	[illegible]	BAHARÎYA
	# [illegible]	FARAFRA
	# 470	DAKHLA
	# [illegible]	KHARGA
RED SEA	# [illegible]	SUEZ
	# 439	TÛR
	[illegible]	HURGHÂDA
	# 445	QUSEIR
	941	PORT SÛDÂN
NORTH SUDAN	900	WÂD! HALFA
	840	ABU HAMAD
	880	KAREIMA
	680	ATBARA
	791	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

Observations missing as a result of the destruction of meteorological instruments or interruption of observations by the Anglo-French-Israili Agression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION															Farafra						Hunghada	
DATE															5-11						5-11	
TIME															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	9					140	23
600 m.															260	4					140	25
1000 m.															270	4					140	23
1500 m.															190	4					150	18
2100 m.															250	9					230	9
2400 m.															280	11					250	5
3000 m.																					120	13
4000 m																						
5000 m.																						
6000 m.																						

STATION																						
DATE																						
TIME																						
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.																						
600 m.																						
1000 m.																						
1500 m.																						
2100 m.																						
2400 m.																						
3000 m																						
4000 m.																						
5000 m																						
6000 m.																						

STATION									Helwan						Farafra							
DATE									6-11						6-11							
TIME									6 30						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	6					250	10						
600 m									240	10					270	16						
1000 m									260	16					110	4						
1500 m									250	20					340	16						
2100 m.									240	26					300	7						
2400 m.									240	30					260	8						
3000 m.															260	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. 71

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE *TUESDAY 6th NOVEMBER*, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ....04....13.... U.T.
" " Sunset ....15....05.... U.T.

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

At 0600 on TUESDAY 6th NOVEMBER, 1956

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	SALLOÛM																									
	* 303	SÎDI BARRÂNI																									
	* 306	MATRÛḤ (A)																									
	* 309	EL ḌAB'AA																									
	* 319	ALEXANDRIA												90	10	10	01	1	0	—	139	25	8	30	+4	34	0
	* 318	ALEXANDRIA (A)																									
	* 330	DAMIETTA	160	2	20	03	1	6	Ac	150	28	10	33	160	2	4	00	0	0	—	147	23	18	26	+1	74	0
	* 333	PORT SA'ÎD (A)																									
	* 336	EL 'ARISH																									
LOWER EGYPT	* 339	DAMANHÛR																									
	* 342	MANŞÛRA																									
	* 348	ṬANṬA																									
	* 360	SHEBÎN EL KÔM	00	0	20	03	2	7	As,Ci	150	31	16	41														
	* 354	ZAGAZIG																									
	* 441	ISMA'ÎLÎA	00	0	20	03	1	6	As	13.3	24	24	56	320	1	10	02	0	0	—	13.3	27	16	35	+7	52	0
CAIRO AREA	* 366	CAIRO (A)																									
	* 372	CAIRO ALMÂZA (A)																									
	* 374	CAIRO EZBEKÎYA																						36	+8		
	* 375	GIZA	250	4	10	03	2	5	Cs	13.8	33	2	14											35	+8		
	* 376	HELWÂN	00	0	20	03	1	7	Ci	13.5	34	-2	10	70	2	10	03	2	6	Ci	13.8	26	-5	34	+7	13	0
UPPER EGYPT	* 381	FAYOÛM																									
	* 387	MINYA (A)																									
	* 393	AṮYOÛT (A)																									
	* 399	NAG' ḤAMÂDI																									
	* 402	QENA	00	0	10	01	0	2	Ac,Ci	13.4	33	15	34														
	* 405	LUXOR (A)												00	0		00	0	0	—	13.8	33	12	35	+3	50	0
	* 414	ASWÂN																									
OASES	* 417	SÎWA																									
	* 420	BAHARÎYA																									
	* 428	FARAFRA	00	0	20	02	0	0	—	13.9	34	8	20	00	0	13	00	1	0	—	15.2	24	4	26		28	0
	* 432	DAKHLA																									
	* 435	KHARGA																									
RED SEA	450	SUEZ	00	0	50	03	0	5	Cu	14.0	29	14	40	00	0	10	01	0	2	Cu	17.1	24	16	31	+3	61	0
	* 459	TÔR																									
	462	HURGHÂDA	100	2	22	02	0	0	—	13.9	29	19	55	160	6	10	02	0	0	—	14.2	25	21	30	+3	79	0
	* 465	QUSEIR	60	6	20	01	0	0	—	14.7	28	20	62														
	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																									
	802	ROSEIRES																									
	771	EL OBEID																									
	760	EL FASHER																									
	770	GENEINA																									
S. SÛDÂN	840	MALAKÂL																									
	880	WÂU																									
	941	JUBA																									
REMARKS	DATE																										

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 mms. Past 24 hrs.	Rainfall mms. Total From Oct. 1st	Rainfall mms. Normal To Date Oct. 1st
SALLOÛM																	
SÎDI BARRÂNI																	
MATRÛḤ (A)																	
EL ḌAB'AA																	
ALEXANDRIA																	11
ALEXANDRIA (A)																	9
DAMIETTA																	8
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR																	6
MANŞÛRA																	4
ṬANṬA																	4
SHEBÎN EL KÔM																	
ZAGAZIG																	2
ISMA'ÎLÎA																	
CAIRO (A)																	
CAIRO ALMÂZA (A)																	
CAIRO EZBEKÎYA										22	11	16	+1	50	0	0	2
GIZA	250	6	8	01		4	Cs	15.8	-1.5	20	7	14	+1	43	0	0	3
HELWÂN	00	0	4	02	2	7	Ac,Ci	16.7	-0.7	19	1	18	+2	30	0	0	1
FAYOÛM																	0
MINYA (A)																	
AṮYOÛT (A)																	
NAG' ḤAMÂDI																	
QENA																	
LUXOR (A)																	
ASWÂN																	
SÎWA																	0
BAHARÎYA																	0
FARAFRA	00	0	15	03	0	6	Ci	18.2		16	-4	12		26	0	0	
DAKHLA																	
KHARGA																	
SUEZ	40	7	20	00	0	2	Cu	16.4	+0.1	23	16	15	-2	65	0	0	2
TÔR																	1
HURGHÂDA	00	0	20	02	0	2	Ci	15.4	+0.6	23	17	15	-2	74	0	0	
QUSEIR																	0
PORT SÛDÂN																	
WÂDI ḤALFA																	
ABU ḤAMAD																	
KAREIMA																	
'AṬBARA																	
KHARṬOÛM																	
KASSALA																	
WÂD MEDANI																	
RENK																	
ROSEIRES																	
EL OBEID																	
EL FASHER																	
GENEINA																	
MALAKÂL																	
WÂU																	
JUBA																	

* 0 = Sky obscured by fog etc.

(A) AERODROME

* Observation missing as a result of the destruction of meteorological instruments or interruption of observations by the Anglo-French-Israeli Aggression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION															Farafra							
DATE															6-11							
TIME															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	15						
600 m.															350	11						
1000 m.															10	20						
1500 m.															350	15						
2100 m.															330	35						
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION																						
DATE											Asyout											
TIME											7-11											
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	2 DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.											340	15										
600 m											20	23										
1000 m.											360	28										
1500 m.											300	16										
2100 m											290	15										
2400 m.																						
3000 m																						
4000 m.																						
5000 m																						
6000 m.																						

STATION							Helwan		Minya						Farafra		Dakhla		Kharga			
DATE							7-11		7-11						7-11		7-11		7-11			
TIME							6 15		8						8 45		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	3	360	11					360	12	20	24	10	16		
600 m.							330	16	340	19					350	12	360	25	20	23		
1000 m.							320	13	330	17					350	14	350	27	10	26		
1500 m.							320	17							340	10						
2100 m.															340	23						
2400 m.															310	30						
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. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 7th NOVEMBER 1956

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 (a)
(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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ...0.46...13...U.T.
" " Sunset ...15...0.46...U.T.

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

At 1200 on 6 Nov

Station	Wind Direction Deg.	Wind Velocity in 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 %
62300 SALLOUM											
303 SIDI BARRANI											
308 MATRUH (A)											
309 EL DAB'AA											
319 ALEXANDRIA	280	14	20			1	Cu	18.7	21	14	
318 ALEXANDRIA (A)											
390 DAMIETTA											
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHUR											
342 MANSURA											
348 TANTA	00	0	20	01	1	1	Ci	18.4	17	13	
360 SHEBIN EL KOM											
354 ZAGAZIG											
441 ISMA'ILIA											
366 CAIRO (A)											
372 CAIRO ALMAZA (A)											
374 CAIRO EZBEKIYA											
375 GIZA	50	8	10	03	0	3	Sc, Ci	15.6	26	16	55
378 HELWAN	330	2	4	05	4	6	Ci	16.4	26	14	48
381 FAYOUM											
387 MINYA (A)											
393 ASYOUT (A)											
399 NAG' HAMADI	00	0	10	01	0	4	Ac, Ci	13.6	32	12	30
402 QENA											
405 LUXOR (A)											
414 ASWAN											
417 SIWA											
420 BAHARIYA											
428 FARAFRA	360	7	20	01	2	4	Ci	16.4	29	8	27
432 DAKHLA											
435 KHARGA											
450 SUEZ	00	0	50	03	0	2	Cu	14.6	29	18	52
459 TOR											
462 HURGHADA											
465 QUSEIR											
641 PORT SUDAN											
600 WADI HALFA											
640 ABU HAMAD											
660 KAREIMA											
680 'ATBARA											
721 KHARTOUM											
730 KASSALA											
751 WAD MEDANI											
801 RENK											
802 ROSEIRES											
771 EL OBEID											
780 EL FASHER											
770 GENEINA											
840 MALAKAL											
880 WAU											
941 JUBA											

At 1800 on 6 Nov

Station	Wind Direction Deg.	Wind Velocity in 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	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOUM														
303 SIDI BARRANI														
308 MATRUH (A)														
309 EL DAB'AA														
319 ALEXANDRIA	280	14	20			1	Cu	18.7	21	14	25	-1	65	0
318 ALEXANDRIA (A)														
390 DAMIETTA														
333 PORT SA'ID (A)														
336 EL 'ARISH														
339 DAMANHUR														
342 MANSURA														
348 TANTA	00	0	20	01	1	1	Ci	18.4	17	13	27	-1	77	0
360 SHEBIN EL KOM														
354 ZAGAZIG														
441 ISMA'ILIA														
366 CAIRO (A)														
372 CAIRO ALMAZA (A)														
374 CAIRO EZBEKIYA											30	+2		
375 GIZA											28	+1		
378 HELWAN	360	10	4	02	2	4	Ci	18.0	21	10	27	0	50	0
381 FAYOUM														
387 MINYA (A)														
393 ASYOUT (A)														
399 NAG' HAMADI														
402 QENA														
405 LUXOR (A)														
414 ASWAN														
417 SIWA														
420 BAHARIYA														
428 FARAFRA	260	4	12	02	0	0	—	19.6	22	9	30		44	0
432 DAKHLA														
435 KHARGA														
450 SUEZ	40	7	10	01	0	0	—	17.9	23	15	30	+2	61	0
459 TOR														
462 HURGHADA														
465 QUSEIR														
641 PORT SUDAN														
600 WADI HALFA														
640 ABU HAMAD														
660 KAREIMA														
680 'ATBARA														
721 KHARTOUM														
730 KASSALA														
751 WAD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID														
780 EL FASHER														
770 GENEINA														
840 MALAKAL														
880 WAU														
941 JUBA														

At 0600 on WEDNESDAY 7th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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 Dry Bulb	Temperatures Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total Since Oct. 1st	Normal Since Oct. 1st
62300 SALLOUM																	
303 SIDI BARRANI																	
308 MATRUH (A)																	
309 EL DAB'AA																	
319 ALEXANDRIA																	12
318 ALEXANDRIA (A)																	10
390 DAMIETTA																	9
333 PORT SA'ID (A)																	
336 EL 'ARISH																	
339 DAMANHUR																	6
342 MANSURA																	4
348 TANTA	220	2	20	03	2	8	Ci	18.4	+0.8	16	12	11	-3	77	0	dr.	4
360 SHEBIN EL KOM																	
354 ZAGAZIG																	2
441 ISMA'ILIA																	
366 CAIRO (A)																	
372 CAIRO ALMAZA (A)																	
374 CAIRO EZBEKIYA										19	14	16	+1	73	0	0	2
375 GIZA	360	1	8	02		6	Sc, Ci	18.3	+1.0	18	12	12	-1	68	0	0	3
378 HELWAN	00	0	4	02	2	6	Cu, Ci	19.0	+1.5	16	12	15	-1	77	0	0	1
381 FAYOUM																	3
387 MINYA (A)																	
393 ASYOUT (A)	280	5	10	02	0	0	—	18.5	+1.8	18	14	16	+1	78	0	0	
399 NAG' HAMADI	00	0	4	01	0	2	Ac	17.1	+1.4	21	16	16	+2	74	0	0	
402 QENA																	
405 LUXOR (A)																	
414 ASWAN																	
417 SIWA																	0
420 BAHARIYA																	0
428 FARAFRA	360	1	15	03	0	5	Ci	22.1		16	9	14		64	0	0	
432 DAKHLA																	
435 KHARGA																	
450 SUEZ	00	0	20	00	0	4	Cu	18.4	+2.0	19	14	13	-4	73	0	0	3
459 TOR																	1
462 HURGHADA																	
465 QUSEIR																	1
641 PORT SUDAN																	
600 WADI HALFA																	
640 ABU HAMAD																	
660 KAREIMA																	
680 'ATBARA																	
721 KHARTOUM																	
730 KASSALA																	
751 WAD MEDANI																	
801 RENK																	
802 ROSEIRES																	
771 EL OBEID																	
780 EL FASHER																	
770 GENEINA																	
840 MALAKAL																	
880 WAU																	
941 JUBA																	

RETARDS — DATE

* 0 = Sky obscured by fog etc.

(A) AERODROME

* Observations missing as a result of the destruction of meteorological instruments or interruption of observations by the Anglo-French-Israeli Agression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION							Minya								Farafra		Dakhla		Kharga			
DATE							7-11								7-11		7-11		7-11			
TIME							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	16							270	10	350	30	360	19		
600 m.							340	17							350	9	350	27	350	9		
1000 m.							350	22							350	7	340	29	10	18		
1500 m.							340	23							350	11	350	31				
2100 m.							320	24							300	17						
2400 m.							320	31							320	13						
3000 m.							300	25														
4000 m.																						
5000 m.																						
6000 m.																						

STATION							Minya		Asyout								Dakhla		Kharga			
DATE							8-11		8-11								8-11		8-11			
TIME							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.							320	16	320	19							10	20	10	13		
600 m.							340	17	350	18							20	33	20	31		
1000 m.							330	23	350	13							20	35				
1500 m.							320	18	330	29												
2100 m.							310	20	330	28												
2400 m.							300	21														
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION					Cairo (A)		Heluan		Minya		Asyout				Farafra		Dakhla					
DATE					8-11		8-11		8-11		8-11				8-11		8-11					
TIME					8	30	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					250	9	240	3	350	6	310	6			350	15	360	25				
600 m.					260	11	290	8	350	8	340	17			350	14	360	25				
1000 m					280	9	320	13	340	10	350	17			350	12	350	26				
1500 m									340	18	340	18			10	14						
2100 m.									340	16	350	23			350	13						
2400 m.									320	25					330	4						
3000 m.									300	24												
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 THURSDAY 8th NOVEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 14 U.T. / " " Sunset 15 03 U.T.

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

At 1200 on 7-11-56											At 1800 on 7-11-56													
WIND					CLOUD			TEMPERATURES			WIND					CLOUD			TEMPERATURES					
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 D. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
310	14	20	03	5	7	Cu,Sc	17.2	21	12	57														
320	5	10	02	6	7	Cu	15.9	21	12	57	320	2	3	03	6	8	Cu,Sc	16.7	17	13	22	-3	77	1
310	9	10	01	1	3	Cu	16.7	23	10	44	40	2	4	02	6	1	Cu	17.0	18	13	24	-3	73	0.1
320	10	4	03	1	5	Cb	16.9	23	12	50	00	0	1	03	1	5	Cb	16.4	17	10	25	-2	64	0
310	12	20	03	2	8	Cu,Ci	17.0	23	8	38	200	2	20	03	2	4	Ci	17.4	16		25	-3		0
290	5	20	01	1	3	Sc	16.3	23	10	44	320	2	10	01	1	1	Sc	17.9	18	13	25		73	0
00	0	20	03	1	6	Cu	15.9	23	16	65	00	0	10	02	1	6	Cu	15.9	21	14	24	-4	65	0
																					26	-1		
50	10	10	02	1	6	Cu	16.7	21	10	50											25	-2		
320	13	10	02	2	6	Cu,Ci	16.3	23	7	36	320	2	10	02	2	5	Sc,Ci	17.8	18	10	23	-4	60	0
360	6	20	02	1	4	St	16.6	24	7	34	360	4	20	02	1	4	St	17.0	19	11	25	-3	60	0
360	15	8	01	0	2	Cu,Ci	17.0	26	6	28	00	0	7	02	0	0	—	17.6	17	9	26	-2	60	0
00	0	10	01	0	2	Ac,Ci	16.6	26	14	48	290	4	4	00	0	0	—	15.4	20	13	27	-3	64	0
290	2	20	00	0	0	—	13.5	19	12	64	270	2		00	0	0	—	15.0	22	9	29	-3	44	0
290	9	20	02	0	3	Ci	20.0	24	4	28	320	2	12	02	0	4	Ci	20.9	16	6	24		52	0
340	15	14	03	1	4	Ci	17.2	24	9	38	310	5	5	02	2	0	—	18.8	19	4	25	-5	37	0
320	10	8	03	0	5	Ci	14.3	26	7	30	350	2	5	01	2	2	Ci	15.5	20	3	27	-3	33	0
270	7	50	01	0	3	Cu	15.8	25	8	34	270	8	10	01	0	0	—	19.6	19	14	25	-3	73	0
350	12	20	03	0	6	Ci	12.9	27	16	52	340	14	20	01	1	0	—	14.0	24	14	27	-1	54	0
																					32			0
																					35			0
																					35			0
																					35			
																					36			
																					37			
																					37			
																					37			
																					35			0
																					35			0
																					35			0
																					37			

* 0 = Sky obscured by fog etc.

✱ Observations missing as a result of destruction of meteorological instruments or interruption of observations by the Anglo-French-Israili Agression on Egypt.

At 0600 on THURSDAY 8TH NOVEMBER, 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	BAR PRESSURE Diff from normal mb	TEMPERATURES Dry Bulb	TEMPERATURES 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																	
	✱ 303	SIDI BARRANI																	
	✱ 306	MERSA MATRUH																	
	✱ 309	EL DABAA																	
	✱ 317	ALEXANDRIA	310	14	20	03	0	5	Cu	17.4	-0.4	19	12	17	-1	64	tr.	6	13
	✱ 318	ALEXANDRIA (A)																	11
	330	DAMIETTA	270	5	10	01	1	4	Cu	16.3	-0.2	19	9	14	-2	52	18	18	9
	✱ 335	PORT SAID (A)																	
	✱ 336	EL ARISH																	
LOWER EGYPT	339	DAMANHUR	00	2	10	03	6	2	Cu	16.6	-1.0	17	13	13	-2	77	0.3	0.7	7
	342	MANSURA	00	0	1	03	1	8	Ns	16.6	-0.2	15	11	12	-3	77	0	0	4
	348	TANTA						7	St.				13	10	-4		tr.	tr.	4
	360	SHERIN EL SHEIKH	320	2	10	01	1	3	Sc	17.5	+0.1	17	11	14		68	0	0	
	354	ZAGAZIG	280	1	10	03	1	8	Cu	15.9	-1.4	17	13	11	-3	77	0	tr.	2
	✱ 441	ISMAILIA	270	6	20	01	1	4	Ci	17.0		17	11	13		68	0	0	
CAIRO AREA	✱ 366	CAIRO (A)																	
	✱ 372	CAIRO ALMAZA (A)																	
	✱ 374	CAIRO ECKEKIYA										18	12	15	0	68	0	0	2
	375	GIZA	270	1	10	01		3	Cu,Ac	18.3	+1.0	16	12	11	-2	77	0	0	3
	378	HELWAN	00	0	4	20	5	4	Sc,Cu	18.4	+0.9	16	10	13	-2	68	tr.	tr.	1
UPPER EGYPT	381	FAYOUM	360	4	20	02	1	2	St	18.6	+1.5	16	12	14	0	77	0	0	0
	387	MINYA (A)	360	7	8	02	1	5	Sc,Ci	19.1	+1.9	16	9	12	-1	64	0	0	
	✱ 393	ASYOUT (A)	280	5	10	02	0	4	Ci	19.3	+2.6	15	7	12	-2	59	0	0	
	399	NAG HAMADI	00	0	4	01	0	2	Ac	17.6	+1.8	18	13	13	-1	73	0	0	
	402	QENA	290	3	10	03	1	1	Ci	17.0	+1.6	20	8	14	-1	46	0	0	
	✱ 405	LUXOR (A)																	
	✱ 414	ASWAN																	
OASES	✱ 417	SIWA																	0
	✱ 420	BAHARIYA																	0
	423	KHARGA	330	3	15	03	2	8	Ci	21.6		15	8	13		63	0	0	
	432	DAKHLA	290	4	3	03	0	5	Ci	20.7	+3.5	16	5	12	-2	49	0	0	
	435	KHARGA	360	2	10	03	0	1	Ci	17.4	+1.2	18	8	15	0	52	0	0	
RED SEA	450	SUEZ	340	1	20	00	0	2	Cu	18.0	+1.6	18	13	13	-4	73	0	0	3
	✱ 459	TOR																	1
	✱ 462	HURGHADA																	
	465	QUSEIR	360	16	20	03	0	6	Ci	15.2	+0.3	22	11	19	-2	50	0	0	1
	641	PORT SUDAN	340	1	30	03	1	5	Sc	11.9		28	24	24		79	5		
NORTH SUDAN	600	WADI HALFA	20	14	20	03	0	1	Ci	17.1		19	6	11		43	0		
	640	ABU HAMAD	360	13	22	03	0	1	Ci	11.7		24	6	21		32	0		
	660	KAREIMA	360	7	21	03	0	2	Ci	12.8		22	5	19		33	0		
	680	ATBARA	10	3	20	02	0	0	—	10.2		26	15	22		51	0		
	721	KHARTOUM	340	7	20	02	0	0	—	10.2		25	6	23		30	0		
	730	KASSALA	240	1	20	02	0	0	—	7.6			14	19					
CENTRAL SUDAN	751	WAD MEDANI	50	9	20	02	0	0	—	9.7		26	10	17		37	0		
	801	RENK	360	2	20	02	0	2	Ac	11.8		23	15			61			
	802	ROSEIRES																	
	771	EL OBEID	340	10	20	02	1	2	As					19			0		
	760	EL FASHER	00	0	24	03	0	5	Cs	14.2		19	5	14		40	0		
	770	GENEINA	50	7	30	01	0	8	As	14.2		21	14	15		65	0		
S. SUDAN	840	MALAKAL	310	4	20	01	1	3	As,Cc	8.9		26							
	880	WAU	20			02	0	2	Ac	8.4		25	19	21		70	0		
	941	JUBA	00	0	1	02	1	4	Ac	7.1		24							
RETARDS	DATE																		

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION					Minya		Asyout				Bahariya		Farafra		Dakla		Kharga					
DATE					8-11		8-11				8-11		8-11		8-11		8-11					
TIME					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	12	320	16			330	14	360	9	350	25	360	9				
600 m.					320	12	320	18			320	11	340	19	350	31	350	8				
1000 m					320	15	340	15			330	14	340	19	360	30	360	18				
1500 m.					320	13	350	16			330	16	340	13								
2100 m.					320	22	340	22					330	13								
2400 m					290	3	340	26					340	9								
3000 m.					340	3																
4000 m.																						
5000 m																						
6000 m.																						

STATION			Alex.(A)		Minya		Asyout		Dakla													
DATE			9-11		9-11		9-11		9-11													
TIME			4		3		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.			10	16	350	10	330	4	340	14												
600 m					330	11	320	15	360	21												
1000 m.					320	13	350	16	360	22												
1500 m.					330	18	330	25														
2100 m.					340	19	360	14														
2400 m					340	24																
3000 m.																						
4000 m.																						
5000 m																						
6000 m.																						

STATION			Cairo (A)		Minya		Asyout		Bahariya		Farafra		Dakla		Kharga		Hurghada					
DATE			9-11		9-11		9-11		9-11		9-11		9-11		9-11		9-11					
TIME			3		3		3		3		3		3		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.			350	5	330	3	340	3	330	8	360	2	330	11	20	7	330	11				
600 m.			40	12	340	5	340	10	320	7	270	4	360	2	20	12	330	11				
1000 m.			30	9	330	7	330	9	330	9	10	10	10	13	10	18	320	16				
1500 m			330	10			350	16	350	11	350	12			10	22	320	8				
2100 m.							10	16	360	12	350	12					290	20				
2400 m									350	11	10	10					280	11				
3000 m									330	8	350	2					270	56				
4000 m									290	22												
5000 m									300	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

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT - METEOROLOGICAL DEPT - CAIRO

DATE FRIDAY 9th NOVEMBER, 1956

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 but 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
As 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: _____ التنبؤات العامة لحالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ..... 04 15 ..... U.T.
" " Sunset ..... 15 03 ..... U.T.

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

At 1200 on 8-11-56

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 ḌAB'AA											
	319	ALEXANDRIA	270	14	20	02	1	5	Cu	16.2	21	10	50
	318	ALEXANDRIA (A)											
	330	DAMIETTA	320	6	20	01	1	2	Cu	15.2	20	8	46
	333	PORT SA'ID (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	20	5	10	01	1	4	Cu	15.4	21	10	50
	342	MANŞÛRA	20	5	14	01	1	4	Cu	16.4	22	9	44
	348	ṬANṬA	220	5	20	02	6	6	Cu	16.0	21	13	61
	360	SHEBÎN EL KÔM	290	5	20	01	1	4	Ci	15.9	20	8	46
	354	ZAGAZIG	220	1	20	03	1	8	Cu	14.6	22	15	65
	441	ISMA'ILÎA	270	4	20	03	2	7	Ac, As	15.2	21	10	50
Cairo Area	366	CAIRO (A)											
	372	CAIRO ALMÂZA (A)											
	374	CAIRO EZBEKÎYA	310	10	12	02	5	6	Ci, Ac	15.6	20	10	53
	375	GIZA	350	5	10	03	8	4	Cu, Sc	16.0	21	10	50
	378	HELWÂN	290	5	10	02	5	8	Sc	15.9	20	8	46
Upper Egypt	381	FAYOÛM	330	6	20	02	1	5	St	16.0	23	8	38
	387	MINYA (A)	360	4	12	02	1	4	Cu	16.3	24	7	34
	393	AṢYOÛṬ (A)	290	8	15	03	1	6	Sc, Ci	16.1	22	9	44
	399	NAG' HAMÂDI	00	0	10	01	0	3	Ac	15.1	27	16	52
	402	QENA	270	2	20	02	1	1	Ci	14.3	25	11	42
	405	LUXOR (A)											
	414	ASWÂN											
Oases	417	SÎWA											
	420	BAḤARÎYA	350	1	20	01	2	6	Ci	17.3	22	6	36
	428	FARAFRA	340	11	14	03	2	5	Ci	17.9	22	3	29
	432	DAKHLA	330	8	15	03	1	6	Ci	14.7	24	6	32
	435	KHARGA											
Red Sea	450	SUEZ	310	12	50	03	0	4	Cu	16.2	21	12	57
	459	ṬÔR											
	462	HURGHÂDA	340	22	20	02	2	7	Ci	13.8	24	8	36
	465	QUSEIR	350	14	20	02	2	6	Ac, Ci	13.3	24	12	47
	641	PORT SÛDÂN	30	10	30	03	2	7	Ci, Ac	9.9	30	24	70
North Sudan	600	WÂDI HALFA	40	15	20	02	0	1	Ci	13.1	27	3	23
	640	ABU ḤAMAD	310	5	22	02	0	1	Ac	8.5	33	11	26
	660	KAREIMA	340	2	21	03	1	1	Cu	8.5	33	11	26
	680	ʿAṬBARA	340	5	20	02	0	3	Cu, Ci	6.1	35	12	25
	721	KHARṬOÛM	340	10	20	02	0	0	—	6.4	34	14	30
	730	KASSALA	10	3	20	03	0	1	Cu	4.1	36	9	19
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROBEIRES											
	771	EL OBEID	360	2	20	02	0	2	Ac	11.8	32	15	36
	760	EL FASHER	50	7	20	02	0	1	Ci	5.6	34	3	14
	770	GENEINA	360	6	20	01	0	1	Ci	7.0	32	2	15
			60	7	50	01	0	0	—	7.9	33	-2	10
S. Sudan	840	MALAKÂL	360	7	20	03	2	7	Cu, Ci	4.5	35	16	32
	880	WÂU	90	4	20	03	2	6	Cu, Ac	5.3	32	15	36
	941	JUBA	60	2	24	02	1	5	Cu	3.5	36	13	25

At 1800 on 8-11-56

Station	Wind Direction Deg.	Wind Velocity in 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.
ALEXANDRIA	270	18	0.2	01	1	1	Cu	16.3	20	6	21	-5	41	0
ALEXANDRIA (A)	300	14	12	02	2	7	Cu	16.2	19	7	22	-3	46	0
DAMIETTA	320	2	4	00	0	0	—	14.4	17	9	20	-5	60	0
DAMANHÛR	40	2	4	02	1	1	Cu	16.0	18	8	22	-5	52	0
MANŞÛRA	00	0	1	01	0	0	—	16.2	16	10	23	-4	68	0
ṬANṬA	220	4	20	02	0	0	—	17.0	13	11	22	-5	88	0
SHEBÎN EL KÔM	290	2	10	01	1	0	—	17.1	17	8	22		56	0
ZAGAZIG	00	0	10	01	1	0	—	14.6	19	14	23	-5	73	0
ISMA'ILÎA														
CAIRO (A)														
CAIRO ALMÂZA (A)														
CAIRO EZBEKÎYA											25	-2		
GIZA											22	-5		
HELWÂN	00	0	10	01	2	2	Ac	17.8	17	9	21	-5	60	dr.
FAYOÛM	330	4	20	02	1	5	St	17.4	17	10	23	-5	64	0
MINYA (A)	350	3	8	02	0	0	—	18.0	16	6	25	-3	52	0
AṢYOÛṬ (A)	360	3	10	01	0	1	Ci	18.1	17	6	23	-5	49	0
NAG' HAMÂDI	290	1	4	00	0	0	—	15.6	20	17	28	-2	83	0
QENA	270	2		02	1	1	Ci	16.2	20	8	26	-6	46	0
LUXOR (A)														
ASWÂN														
SÎWA														
BAḤARÎYA	320	2	10	02	2	0	—	18.6	18	10	23	-4	60	0
FARAFRA	330	2	12	00	2	0	—	21.5	16	3	22		42	0
DAKHLA	290	1	5	02	1	0	—	19.6	17	4	22	-8	42	0
KHARGA	00	0	6	02	0	0	—	17.0	18	6	24	-6	46	0
SUEZ	310	13	10	01	0	0	—	17.1	18	10	24	-4	60	0
ṬÔR														
HURGHÂDA	310	8	10	02	2	7	Ci	15.6	24	8	24	-2	36	0
QUSEIR	350	16	20	02	2	6	Cu	15.0	24	9	25	-3	38	0
PORT SÛDÂN	20	7	20	03	1	6	St, As	12.7	29	23	31		70	0
WÂDI HALFA											29			
ABU ḤAMAD											34			0
KAREIMA	340	10	19	03	0	0	—	11.7	27	3	34		22	0
ʿAṬBARA	20	5	20	03	1	0	—	10.4	29	14	35		40	0
KHARṬOÛM	320	7	18	05	0	0	—	8.8	29	13	35		37	0
KASSALA	50	2	20	02	0	0	—	8.1	25	12	37		45	0
WÂD MEDANI														
RENK														
ROBEIRES														
EL OBEID	260	6	20	01	0	0	—	9.5	24	6	34		32	0
EL FASHER	20	12	50	02	0	0	—	10.1	29	3	34		19	0
GENEINA	00	0	20	01	2	4	Ac	6.6	27	20	34		66	0
MALAKÂL	40	1	20	01	2	3	Cu	8.2	27	15	36		48	0
WÂU											34			0
JUBA											27			0

At 0600 on FRIDAY 9th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
ALEXANDRIA	360	14	0.5	03	5	7	Cu, Ac	20.2	+2.3	17	9	16	-2	60	dr.	6	14
ALEXANDRIA (A)	20	13	12	03	8	7	Sc, As	19.8	+2.8	18	9	16	0	56	1	9	12
DAMIETTA	340	5	4	03	1	6	Cu	19.1	+2.6	18	8	13	-3	52	0	18	10
DAMANHÛR	360	2	4	02	6	7	Cb	19.4	+1.7	17	11	14	-1	68	1	2	7
MANŞÛRA	00	0	3	03	5	6	Sc, Cu	19.8	+3.0	16	12	14	-1	77	dr.	dr.	4
ṬANṬA	00	0	20	03	6	8	St	20.3	+2.6	15	13	10	-3	88	1	1	4
SHEBÎN EL KÔM	160	2	10	01	1	3	Sc	19.4	+2.0	16	12	16		77	0	0	
ZAGAZIG	220	1	10	03	1	8	Cu	18.6	+1.3	15	13	12	-1	88	1	1	3
ISMA'ILÎA	20	1	20	03	2	8	As	19.4		17	11	14		68	0	0	
CAIRO (A)																	
CAIRO ALMÂZA (A)																	
CAIRO EZBEKÎYA										16	12	15	0	77	dr.	dr.	2
GIZA	70	4	8	80		8	Cu, Sc	20.0	+2.6	15	13	11	-2	88	dr.	dr.	3
HELWÂN	00	0	4	02	5	8	Cb	20.3	+2.7	15	9	14	-1	68	dr.	dr.	1
FAYOÛM	00	0	20	02	2	6	St	20.3	+3.2	15	9	12	-2	68	0	0	0
MINYA (A)	320	4	10	02	0	0	—	20.3	+3.1	16	8	10	-3	59	0	0	
AṢYOÛṬ (A)	300	4	14	02	0	0	—	20.5	+3.7	15	5	11	-3	52	0	0	
NAG' HAMÂDI	00	0	4	00	0	3	Ac, Ci	17.0	+1.1	19	12	13	-1	64	0	0	
QENA	00	0	10	00	0	0	—	19.4	+3.9	18	10	11	-4	60	0	0	
LUXOR (A)																	
ASWÂN																	
SÎWA																	0
BAḤARÎYA	00	0	20	03	0	0	—	20.5	+2.6	16	11	9	-4	73	0	0	1
FARAFRA	00	0	15	03	0	1	Ci	22.6		13	4	9		55	0	0	
DAKHLA	270	4	13	03	0	3	Ci	21.9	+4.7	13	4	9	-5	55	0	0	
KHARGA	20	1	10	01	1	1	Ci	18.8	+2.5	16	7	11	-3	56	0	0	
SUEZ	360	10	20	00	0	6	Ac, As	20.3	+3.8	17	11	11	-5	68	0	0	3
ṬÔR																	1
HURGHÂDA	300	9	20	02	0	2	Cu	14.7	-0.2	20	9	14	-3	49	0	0	
QUSEIR	320	10	20	01	1	2	Sc, Cu, Ci	17.1	+2.1	22	8	16	-5	41	0	0	1
PORT SÛDÂN	310	6	20	17	9	7	Cb, Ac	15.9		24	22			89	0		
WÂDI HALFA	30	10	20	03	0	2	Ci	18.3		17	7			52	0		
ABU ḤAMAD	360	13	22	02	0	0	—	14.2		21	3			31	0		
KAREIMA	20	9	21	02	0	0	—	14.3		21	3			31	0		
ʿAṬBARA	10	10	20	02	0	0	—	11.7		25	9	21		36	0		
KHARṬOÛM	360			03	0	2	Ci	12.0		25	9	21		36	0		
KASSALA	70	2	20	02	0	0	—	9.4		27	15	19		48	0		
WÂD MEDANI																	
RENK																	
ROBEIRES																	
EL OBEID	360	7	20	02	0	1	Ac	12.5		21	3	16		31	0		
EL FASHER	20	8	16	05	0	1	Ci	15.3		19	2	12		22	0		
GENEINA	50	11	50	02	0	0	—	15.8		19	0	13		28	0		
MALAKÂL																	
WÂU	360	4	20	02	2	7	Ci	9.9		23	19	19		79	0		
JUBA	00	0	18	04	0	4	Ac, Ci	9.6		26	17	18		58	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

\# Observation missing as a result of destruction of meteorological instruments or interruption of observations by the Anglo-French-Israeli Aggression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo(A)		Minya		Asyout		Bahariya		Farafra		Dakhla		Hurghada									
DATE	9-11		9-11		9-11		9-11		9-11		9-11		9-11									
TIME	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	10	350	6	320	16	330	11	340	7	360	25	340	20								
600 m	40	5	350	10	320	16	310	11	340	9	360	25	330	19								
1000 m	360	7	350	12	340	17	310	10	350	7	360	22	320	23								
1500 m	330	6	330	19	360	13	320	16	340	10	350	20	320	18								
2100 m.	340	9	320	11	330	10	320	10	350	8	350	31	240	14								
2400 m	300	13	330	11	300	14	300	6	330	16			190	19								
3000 m.			320	20	290	22	350	13														
4000 m.			260	25			280	29														
5000 m.																						
6000 m.																						

STATION	Minya		Asyout		Dakhla																	
DATE	10-11		10-11		10-11																	
TIME	2		2		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.	50	8	320	3	30	6																
600 m	100	10	40	11	30	14																
1000 m	40	9	20	10	40	17																
1500 m	10	14	10	17	20	22																
2100 m			10	14																		
2400 m																						
3000 m																						
4000 m																						
5000 m																						
6000 m.																						

STATION	Salloum		Cairo(A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada			
DATE	10-11		10-11		10-11		10-11		10-11		10-11		10-11		10-11		10-11		10-11			
TIME	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	270	13	60	13	80	10	350	4	340	3	80	4	360	4	40	5	30	3	320	19		
600 m.	310	5	60	12	80	12	40	13	30	16	30	8	360	6	30	7	40	9	320	10		
1000 m	300	7	20	9	30	5	30	13	20	12	40	6	360	8	30	7	40	17	340	7		
1500 m	30	6	330	6	350	10	30	12	70	12	270	1	360	2	50	10			40	20		
2100 m			340	7			80	8	40	5	340	12	340	5	30	9			290	10		
2400 m			300	4			240	3	320	10	330	17	320	10	360	4			280	8		
3000 m			350	10			280	14	320	14	300	25	310	14	330	11			280	16		
4000 m							260	13					290	16					250	23		
5000 m													290	24								
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 10th NOVEMBER 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 16 U.T. / Sunset 15 02 U.T.

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

Area	Index Number	Station	At 1200 on 9-11-56 Wind Direction Deg.	Wind Velocity in 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 9-11-56 Wind Direction Deg.	Wind Velocity in 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																									
	# 303	SÎDI BARRÂNI																									
	# 306	MATRÛḤ (A)												220	5	16	01	2	6	Sc	21.9	+4.4	14	10	13	-3	77	3
	# 309	EL ḌAB'AA																									
	319	ALEXANDRIA	360	13	20	02	1	7	Cu,Sc,Ac	19.9	18	8	56	110	12	20	01	1	5	Cu,Cc	21.2	16	8	20	-6	59	0
	# 318	ALEXANDRIA (A)	20	14	12	02	2	7	Cu,Sc	19.9	19	9	52														
	330	DAMIETTA	340	5	20	01	1	4	Cu,Ac	19.1	18	7	49	340	5	4	02	1	4	Cu,Ac	20.4	17	7	18	-7	52	0
	# 333	PORT SA'ID (A)																									
	# 336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHÛR	360	2	10	01	2	4	Cu	19.6	21	7	41	330	2	4	02	1	8	Cb	20.6	17	9	21	-6	60	0
	342	MANŞÛRA	40	9	4	03	1	5	Cb	19.4	21	10	50	00	0	1	03	1	8	Ns	21.4	16	8	22	-5	59	0
	348	ṬANṬA	20	6	20	03	1	5	Cu	20.2	19	9	52	60	3	20	03	2	7	St	21.0	15	9	21	-6	68	0
	360	SHEBÎN EL KÔM	40	5	20	01	1	3	Cu	19.1	21	7	41	320	2	10	01	1	2	Sc	19.9	17	11	23		68	0
	354	ZAGAZIG	320	1	20	03	1	7	Cu	17.2	21	14	65	320	1	10	01	1	0	—	18.6	18	13	23	-4	73	0
	# 441	ISMA'ILÍA	40	3	20	02	3	7	Ac	18.8	21	7	41														
CAIRO AREA	# 366	CAIRO (A)	360	5	25	03	2	7	Cu,Ac,Cb	18.7	20	7	43														
	# 372	CAIRO ALMÂZA (A)																									
	# 374	CAIRO EZBEKÎYA																						24	-3		
	375	GIZA	210	4	10	03	0	7	Ac	19.2	22	9	44											23	-3		
	378	ḤELWÂN	00	0	10	02	2	7	Sc,Cu	19.0	20	8	46	20	10	10	02	1	2	Ac	20.7	16	8	21	-5	59	dt.
UPPER EGYPT	381	FAYOÛM	360	4	20	02	2	6	St	18.1	21	11	53	360	4	20	02	0	6	St	19.6	17	9	22	-6	60	0
	387	MINYA (A)	350	7	12	03	0	2	Cu,Ci	18.3	24	8	36	20	4	7	02	0	0	—	19.6	16	9	24	-4	64	0
	393	AŞYOÛṬ (A)	340	2	18	02	0	1	Cu,Ci	17.7	22	9	44	00	0	12	02	0	0	—	18.8	18	9	23	-5	56	0
	399	NAG' HAMÂDI	290	2	10	01	0	4	Ac	14.6	27	16	52	00	0	4	00	0	0	—	15.5	19	14	28	-2	73	0
	402	QENÂ	360	2	20	00	0	0	—	15.8	25	8	34	290	2		00	0	0	—	17.2	19	12	28	-3	64	0
	# 405	LUXOR (A)																									
	# 414	ASWÂN																									
OASES	# 417	SÎWA																									
	420	BAHARÎYA	320	4	20	02	2	6	Sc,Ci	17.2	23	13	53	00	0	10	02	2	0	—	19.7	17	11	24	-3	68	0
	423	FARAFRA	10	2	20	03	0	3	Cu,Ci	20.1	22	5	33	320	3	12	01	0	0	—	21.4	18	5	23		43	0
	432	DAKHLA	310	4	14	01	0	1	Ci	18.8	23	5	32	300	2	5	02	0	0	—	20.0	17	4	23	-7	42	0
	435	KHARGA	350	2	15	01	1	1	Ci	16.4	24	5	30	00	0	6	02	0	0	—	17.4	18	4	25	-5	40	0
RED SEA	450	SUEZ	360	8	50	01	0	4	Cu	19.1	20	11	56	360	10	10	01	0	0	—	19.8	16	12	21	-7	77	0
	# 459	TÔR																									
	462	HURGHÂDA	360	13	22	02	0	1	Cu	15.7	24	10	41	330	12	10	02	0	1	Ci	17.2	21	14	24	-2	65	0
	465	QUSEIR	360	12	20	01	0	0	—	16.2	24	9	38	310	8	20	01	0	0	—	17.1	21	12	25	-3	57	0
	641	PORT SÚDÂN	330	13	20	01	9	5	Cu,Ac,Ci	12.9	29	25	79	330	5	20	02	2	7	Sc	14.3	27	23	29		79	0
NORTH SUDAN	600	WÂDI HALFA	10	13	20	02	0	2	Ci	14.6	26	5	27	20	9	20	02	0	0	—	16.6	20	4	27		35	0
	640	ABU ḤAMAD	340	5	22	03	0	1	Cu	9.0	32	15	36	360	9	22	02	0	0	—	11.5	27	9	33		33	0
	660	KAREIMA	350	2	21	02	0	0	—	10.1	32	9	24	340	8	21	02	0	0	—	12.3	27	6	33		27	0
	680	ÁṬBARA	350	4	20	02	0	1	Cu	6.7	35	13	27	340	7	20	01	0	1	Ac	9.1	31	11	36		29	0
	721	KHARṬOÛM	360	5	20	02	0	0	—	7.0	34	6	18	320	11	20	02	0	0	—	7.9	27	13	35		42	0
	730	KASSALA	90	3	20	02	0	1	Cu	4.9	36	11	22											37			0
CENTRAL SUDAN	751	WÂD MEDANI	310	9	20	02	0	1	Ac	5.3	36	9	19											36			0
	801	RENK	310	9	20	01	1	1	Ac	7.9	34	13	29														
	802	ROSEIRES	310	5	20	02	0	2	Cu	5.0	34	8	20											35			
	771	EL OBEID	40	7	20	02	0	1	Cc	7.2	32	5	18	350	5	20	02	0	0	—	10.2	23	5	33		32	0
	780	EL FASHER	360	7	17	05	0	0	—	8.9	30	0	14	20	3	20	01	0	0	—	11.5	23	-2	31		19	0
	770	GENEINA	50	12	30	02	0	1	Cs	9.4	31	-6	9	20	6	50	01	0	0	—	11.9	22	3	32		29	0
S. SÚDÂN	840	MALAKÂL												00	0	20	02	1	3	Cc	9.1	25	15	35		54	0
	880	WÂU																						34			0
	941	JUBA	50	4	20	04	2	6	Cu,Ci	8.4	35	15	30	00	0	24	13	1	3	Cb,Ac	7.2	25	19	36		70	0
RETARDS	DATE																										

Area	Index Number	Station	At 0600 on SATURDAY 10th NOVEMBER, 1956 Wind Direction Deg.	Wind Velocity in 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																	
	# 303	SÎDI BARRÂNI																	
	# 306	MATRÛḤ (A)	220	5	16	01	2	6	Sc	21.9	+4.4	14	10	13	-3	77	3	40	
	# 309	EL ḌAB'AA																	
	319	ALEXANDRIA	130	5	10	03	1	7	Cu,Sc	23.6	+5.7	15	11	14	-4	77	0	6	15
	# 318	ALEXANDRIA (A)																	13
	330	DAMIETTA	200	2	3	10	1	3	Cu,Ac	22.8	+6.2	15	11	11	-5	77	0	18	10
	# 333	PORT SA'ID (A)																	
	# 336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	180	2	4	02	2	8	Cu	22.8	+5.1	16	10	14	-1	68	0	2	8
	342	MANŞÛRA	00	0	3	03	1	5	Cu	23.6	+6.7	15	11	13	-2	77	0	dt.	4
	348	ṬANṬA	00	0	20	01	1	4	Ci	23.0	+5.2	15	9	11	-2	68	0	1	4
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	Cu	23.3	+5.8	15	11	14		77	0	0	
	354	ZAGAZIG	00	0	10	03	1	7	Cu	21.2	+3.8	15	11	12	-1	77	0	1	3
	# 441	ISMA'ILÍA	180	1	20	03	1	5		23.6		15	11	11		77	0	0	
CAIRO AREA	# 366	CAIRO (A)																	
	# 372	CAIRO ALMÂZA (A)																	
	# 374	CAIRO EZBEKÎYA										17	10	14	-1	64	0	dt.	2
	375	GIZA	100	3	8	01		3	Ci	23.6	+6.2	16	9	12	-1	64	0	dt.	3
	378	ḤELWÂN	00	0	4	02	1	1	Sc,Cu	23.5	+5.9	16	8	13	-2	59	dt.	dt.	2
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	23.4	+6.2	14	9	11	-3	72	0	0	0
	387	MINYA (A)	10	3	8	02	0	0	—	22.3	+5.0	14	10	10	-3	77	0	0	
	393	AŞYOÛṬ (A)	270	3	10	02	0	0	—	22.1	+5.2	14	10	11	-3	77	0	0	
	399	NAG' HAMÂDI	00	0	4	01	0	4	Ac,Ci	20.3	+4.3	17	11	12	-1	68	0	0	
	402	QENÂ	00	0	10	00	0	0	—	19.9	+4.3	16	12	12	-3	77	0	0	
	# 405	LUXOR (A)																	
	# 414	ASWÂN																	
OASES	# 417	SÎWA																	0
	420	BAHARÎYA	00	0	20	02	0	0	—	22.9	+4.9	14	9	8	-4	72	0	0	1
	423	FARAFRA	00	0	15	02	0	0	—	23.4		12	6	8		67	0	0	
	432	DAKHLA	270	4	13	03	0	3	Ci	22.8	+5.5	14	5	10	-3	55	0	0	
	435	KHARGA	360	1	10	03	1	2	Ci	19.6	+3.2	17	9	11	-3	60	0	0	
RED SEA	450	SUEZ	310	8	20	00	0	0	—	23.9	+7.4	15	11	10	-6	77	0	0	3
	# 459	TÔR																	1
	462	HURGHÂDA	290	8	20	02	0	2	Cu,Ci	19.7	+4.8	19	9	15	-2	52	0	0	
	465	QUSEIR	320	14	20	03	0	3	Ac,Cs	19.3	+4.2	22	9	18	-3	44	0	0	1
	641	PORT SÚDÂN	310	12	20	02	2	8	Sc	15.9		25	21	23		79	0		
NORTH SUDAN	600	WÂDI HALFA	10	11	20	03	0	1	Ci	19.3		17	7	11		52	0		
	640	ABU ḤAMAD	20	9	22	00	0	0	—	14.5		23	6	20		34	0		
	660	KAREIMA	20	7	21	02	0	0	—	15.2		22	1	19		25	0		
	680	ÁṬBARA	30	7	20	02	0	0	—	11.5		27	14	22		45	0		
	721	KHARṬOÛM	320	10	20	02	0	0	—	12.4		25	11	23		42	0		
	730	KASSALA	150	3	20	02	0	0	—	9.9		29	17	23		49	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	20	02	0	0	—	10.8		27	16	19		52	0		
	801	RENK																	
	802	ROSEIRES	230	2	20	02	0	0	—	10.4		22	14	17		61	0		
	771	EL OBEID	360	5	20	03	0	0	—	12.5		23							
	780	EL FASHER	310		20	02	1	7	Cs	16.9		25	2			22	0		
	770	GENEINA	50	10		03	2	6	Cs	16.4		17	-1	15		30	0		
S. SÚDÂN	840	MALAKÂL																	
	880	WÂU	00	0	20	02	0	1	Ci	10.4		22	17			74	0		
	941	JUBA	180	3	20	02	0	5	Ac,Ci	10.2		26	20	19		70	0		
RETARDS	DATE																		

* 9 = Sky obscured by fog etc.

(A) AERODROME

Observation missing as a result of destruction of meteorological instruments on interruption of observations by the Anglo-French-Israïle Agression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo (A)		Minya		Asyout		Bahariya		Farafra		Dakhla		Hurghada									
DATE	10-11		10-11		10-11		10-11		10-11		10-11		10-11									
TIME	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.	50	13	350	16	350	14	20	15	60	11	10	27	160	10								
600 m.	60	15	360	16	360	17	20	17	60	10	20	25	180	12								
1000 m.	50	17	10	17	10	11	20	20	20	9	20	23	350	15								
1500 m.	30	4	40	12	10	19	10	20	10	7	20	33	280	9								
2100 m.	360	3	40	5	20	15	10	18	340	6			340	10								
2400 m.	30	11	340	10	40	20	360	12														
3000 m.	30	11	300	11	310	11	310	13														
4000 m.	270	16	290	2			320	21														
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Dakhla															
DATE	11-11		11-11		11-11		11-11															
TIME	4		2		2		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.	90	26	30	20	360	13	80	5														
600 m.	90	26	30	32	20	20	70	15														
1000 m.	90	26	30	28	40	19	40	21														
1500 m.	40	12	20	16	10	15																
2100 m	260	4			60	6																
2400 m.	270	13																				
3000 m.	280	14																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallouum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Bahariya		Farafra		Dakhla		Hurghada			
DATE	11-11		11-11		11-11		11-11		11-11		11-11		11-11		11-11		11-11		11-11			
TIME	8		8		8		8		8		8		7		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	2	200	3	80	11	60	16	30	15	340	7	70	27	30	7	60	8	330	15		
600 m.	190	4	150	6	70	16	60	28	50	23	50	9	70	27	70	10	30	11	350	8		
1000 m	190	4	90	2	80	23	60	16	60	33	60	7	60	16	70	15	40	19	30	7		
1500 m.	270	1	100	4	60	6	40	23	60	7	70	11	70	19	70	17			60	10		
2100 m.	290	11	200	4	80	9	140	8			40	17	80	16	60	8			10	4		
2400 m.	330	6	250	4	30	9	180	1					90	17	60	4			360	1		
3000 m	260	6					360	13					40	7					300	9		
4000 m	240	8											20	12								
5000 m.	270	10																				
6000 m.	270	13																				

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 11th NOVEMBER, 1956

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: _____ التنبؤات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ... 04 ... 17 ... U.T.
" " Sunset ... 15 ... 01 ... U.T.

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

At 1200 on 10-11-56

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	330	2	20	01	0	3	Sc	21.3	23	7	36
	303	SIDI BARRÂNI	290	12	15	02	2	5	Sc	21.2	21	10	50
	306	MATRÛH (A)	00	0	16	02	2	5	Cu, Sc	21.8	20	14	69
	309	EL DAB'AA											
	319	ALEXANDRIA											
	318	ALEXANDRIA (A)	350	5	16	03	2	4	Sc	22.7	20	11	56
	330	DAMIETTA	320	5	20	01	1	3	Cu	22.8	20	11	56
	333	PORT SA'ID (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR											
	342	MANSÛRA	360	3	4	03	1	5	Cu	21.6	23	12	50
	348	ṬANṬA	40	4	20	01	1	4	Cu	21.8	21	10	50
	360	SHEBÎN EL KÔM	320	5	20	01	1	1	Cu	21.8	22	6	36
	354	ZAGAZIG	00	0	20	02	0	0	—	14.6	26	20	70
	441	ISMA'ILIA											
CAIRO AREA	366	CAIRO (A)	70	7	16	02	0	1	Cu	21.7	22	7	38
	372	CAIRO ALMÂZA (A)											
	374	CAIRO EZBEKÎYA											
	375	GIZA	110	6	10	03	0	1	Cu	22.2	22	8	41
	378	HELWÂN	30	3	20	02	0	1	Cu	21.5	22	6	36
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	21.6	22	6	36
	387	MINYA (A)	360	12	12	03	0	1	Cu	20.5	25	6	30
	393	ASYOÛṬ (A)	320	3	20	02	0	0	—	19.5	24	2	24
	399	NAG' ḤAMÂDI											
	402	QENA											
	405	LUXOR (A)											
	414	ASWÂN											
OASES	417	SÎWA	330	5	16	03	0	2	Cu	22.1	24	7	34
	420	BAHARÎYA	20	3	20	03	1	4	Sc	20.8	24	13	50
	428	FARAFRA	50	2	20	02	0	0	—	22.2	23	5	32
	432	DAKHLA	350	13	14	02	0	0	—	19.8	28	8	29
	435	KHARGA	10	8	15	01	1	1	Ci	17.5	25	6	30
RED SEA	450	SUEZ	310	9	50	02	0	0	—	22.0	22	9	44
	459	TÔR											
	462	HURGHÂDA	360	3	20	02	0	3	Ac	18.0	25	8	34
	465	QUSEIR	350	15	20	03	0	6	Ac, Ci	18.1	24	9	38
	641	PORT SÛDÂN	360	13	20	02	3	7	Sc	21.7	28	24	79
NORTH SUDAN	600	WÂDI ḤALFA	50	10	20	01	0	2	Ci	15.0	28	7	27
	640	ABU ḤAMAD	20	9	24	02	0	0	—	10.1	33	15	34
	660	KAREIMA	50	3	21	03	0	0	—	10.3	32	15	36
	680	ÂṬBARA	50	5	20	03	0	3	Cu	8.1	35	14	29
	721	KHARṬOÛM	60	5	20	02	0	1	Cu	7.1	35	17	35
	780	KASSALA					1	1	Cu		36	11	22
CENTRAL SUDAN	751	WÂD MEDANI	90	3	20	02	0	3	Cu	4.5	36	11	22
	801	RENK	360	9	20	02	0	4	Ci	6.7	37	11	20
	802	ROSEIRES	310	3	10	02	0	2	Cu	4.1	36	11	22
	771	EL OBEID	20	9	20	02	1	7	Ci	7	33	8	21
	760	EL FASHER	40	3	24	02	2	7	Ci	2.7	31	3	17
	770	GENEINA	40	10	50	01	2	3	Ci	9.6	31	-7	8
S. SÛDÂN	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on 10-11-56

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														
303														
306														
309														
319	40	10	20	01	0	0	—	24.4	17	9	23	-3	60	0
318	20	8	12	03	0	1	Cu	24.1	15	11	22	-3	77	0
330	320	2	4	00	0	0	—	23.6	17	11	20	-4	68	0
333														
336														
339														
342	40	2	4	03	1	0	—	23.1	16	10	23	-4	68	0
348	00	0	1	01	0	0	—	22.6	16	10	24	-3	68	0
360	00	0	20	03	0	0	—	23.5	14	12	24	-3	88	0
354	320	2	10	01	1	1	Sc	22.4	17	9	23		60	0
441														
366														
372														
374											25	-2		
375											23	-3		
378	40	11	10	03	0	0	—	23.3	17	7	23	-3	52	0
381	360	4	20	03	0	0	—	22.3	17	9	23	-5	60	0
387	360	7	8	03	0	0	—	21.9	16	6	25	-3	59	0
393	350	5	10	03	0	0	—	20.9	17	10	25	-3	64	0
399	00	0	4	01	0	1	Ac	18.0	17	9	28	-2	60	0
402	270	2		00	0	0	—	18.3	18	13	27	-4	73	0
405														
414														
417	00	0	10	03	1	0	—	23.1	16	9	25	-2	64	0
420	360	1	12	03	0	0	—	22.8	18	1	24		32	0
428	10	5	5	03	0	0	—	21.0	20	3	24	-5	33	0
432	340	1	6	03	0	0	—	17.8	19	4	26	-4	37	0
435														
450	310	12	10	03	0	0	—	23.1	15	9	22	-5	68	0
459														
462	330	18	10	03	0	1	Ci	18.2	21	9	25	-1	47	0
465	300	8	20	01	2	2	Ci	18.2	22	12	25	-3	53	0
641											28			
600											29			0
640											33			0
660											33			0
680											36			0
721											36			0
780											38			0
751														
801														
802														
771											33			0
760											32			0
770											32			0
840														
880														
941														

At 0600 on SUNDAY 11th NOVEMBER 1956

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
62300																	
303																	
306																	
309																	
319	40	6	20	02	0	3	Sc, As	25.4	+7.4	17	9	14	-3	60	0	6	17
318	100	7	12	01	0	0	—	25.0	+8.0	16	10	11	-4	68	0	9	14
330	20	5	10	00	0	0	—	24.7	+8.1	18	13	13	-3	73	0	18	11
333																	
336																	
339	40	3	10	02	0	0	—	24.2	+6.4	16	9	11	-3	64	0	2	8
342			3	00	0	0	—	25.1	+8.2	18	10	13	-2	60	0	4x	5
348	90	5	20	02	0	0	—	24.2	+6.4	14	10	8	-5	77	0	1	4
360	320	2	10	01	1	1	Sc	24.4	+6.9	14	10	12		77	0	0	
354	00	0	10	02	0	0	—	23.9	+6.5	16	12	9	-4	77	0	1	3
441	40	2	20	01	0	0	—	24.6		14	11	10		82	0	0	
366																	
372																	
374										16	10	12	-3	68	0	4x	3
375	50	2	8	02		0	—	25.0	+7.5	14	10	9	-4	77	0	4x	4
378	70	15	4	02	0	1	Sc	23.9	+6.2	17	7	14	-1	52	0	4x	3
381	360	6	20	02	0	0	—	23.8	+6.6	15	9	12	-2	68	0	0	0
387	340	7	10	03	0	1	Ci	22.2	+4.9	15	9	9	-4	68	0	0	
393	270	4	12	03	0	1	Ci	21.6	+4.6	14	6	10	-4	59	0	0	
399	00	0	4	00	0	2	As	20.3	+4.3	15	11	12	-1	77	0	0	
402	00	0	10	00	0	0	—	20.7	+5.0	15	9	11	-3	68	0	0	
405																	
414																	
417																	
420	40	3	20	02	0	3	Ci	23.3	+5.2	16	10	10	-2	68	0	0	0 1
428	20	2	15	02	0	0	—	24.3		14	6	10		59	0	0	
432	270	3	14	03	0	3	Ci	22.4	+5.0	15	4	10	-3	48	0	0	
435	360	1	10	02	1	1	Ci	19.2	+2.7	18	6	15	+1	46	0	0	
450	360	8	20	00	0	0	—	25.4	+8.9	16	10	12	-4	68	0	0	3
459																	2
462	280	13	20	02	0	1	Cu	19.4	+4.4	20	9	15	-1	49	0	0	
465	340	20	20	01	0	0	—	19.0	+2.8	22	10	18	-1	47	0	0	1
641	320	14	20	02	1	2	Sc	16.0		26		22			4x		
600	10	9	20	02	0	0	—	18.2		20	8	13		46	0		
640	360	5	24	02	0	0	—	15.0		23	9	20		41	0		
660	30	7	21	02	0	0	—	14.4		23	8			38	0		
680	40	7	20	02	0	0	—	12.4		26	17	22		59	0		
721	20	6	20	03	0	3	Ac, Ci	12.0		27	18	24		58	0		
780	130	3	20	02	0	0	—	10.7			17						
751	50	5	20	02	0	0	—	11.3		26	17			58	0		
801																	
802																	
771	10	9	20	01	0	2	Ac, Ci	12.0		24	5	20		20	0		
760	310	4	20	02	1	7	Cs	16.3		17	2			37	0		
770			50	02	2	0	—	16.7		18	-2	12		26	0		
840																	
880																	
941																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

* Observation missing as a result of destruction of meteorological instruments on interruption of observations by the Anglo-French-Israeli Agression on Egypt.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		Cairo(A)		Minya		Bahariya		Farafra		Dakhla		Hurghada									
DATE	11-11		11-11		11-11		11-11		11-11		11-11		11-11									
TIME	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.	60	10	30	14	20	21	50	23	40	15	20	12	10	14								
600 m.	70	19	40	19	30	26	50	24	40	15	10	10	340	16								
1000 m.	60	16	40	30	20	16	50	23	30	15	20	6	320	16								
1500 m.	60	8	40	23	20	21	50	23	30	15			360	4								
2100 m.	350	8	340	15	40	10	50	23	40	9			20	3								
2400 m.	360	12	300	18	20	10	50	18	90	3			220	3								
3000 m.	330	4	220	13			60	19	320	5			180	4								
4000 m.			210	8			50	21														
5000 m.			270	17																		
6000 m.																						

STATION	S.Barrani		Minya		Asyout		Siwa		Dakhla										Dakhla		Hurghada	
DATE	12-11		12-11		12-11		12-11		12-11										12-11		12-11	
TIME	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.	120	22	10	18	340	6	100	25	310	4									40	4	320	23
600 m.	120	17	20	17	80	6	100	31	50	8									50	8	310	10
1000 m.	120	17	20	18	30	6	100	24	40	7									30	7	60	11
1500 m.	150	4	360	17	60	12	120	10													170	9
2100 m.	140	2			60	15	40	9													180	22
2400 m.	300	13					20	10													190	25
3000 m.	310	24					40	17													190	16
4000 m.																					200	17
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		Cairo(A)		Heluan		Minya		Asyout		Siwa		Bahariya		Farafra	
DATE	12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11	
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.	140	9	130	12	80	8	60	12	40	15	50	13	360	11	320	3	100	17	40	37	50	16
600 m.	110	16	120	18	70	11	80	12	40	29	40	21	50	12	280	3	100	19	40	43	60	18
1000 m.	140	13	110	16	70	10	50	16	50	22	50	27	20	8	10	4	80	15	40	36	40	7
1500 m.	110	16	80	6			50	19	40	12	50	17	10	10	40	9	100	8	50	31	60	16
2100 m.													350	6	50	8	90	10	40	12	40	9
2400 m.													110	5	80	9	30	7	50	21		
3000 m.													210	4	150	6	50	9				
4000 m.													200	15	230	15						
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 MONDAY 12th NOVEMBER, 1956

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: _____ التنبؤات المنتظرة فى حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 17 U.T. / " " Sunset 15 41 U.T.

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 in 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	110	5	20	02	2	2	sc,ci	21.9	23	9	41
	308	SÎDI BARRÂNI	40	6	15	02	0	2	cb,AC	22.2	21	10	50
	306	MATRÛH (A)	120	3	16	02	1	4	Sc,cu	23.4	21	10	50
	309	EL DAB'AA	20	4	20	00	0	4	AC		19	12	64
	317	ALEXANDRIA	40	16	20	01	0	2	cu,cs	23.5	22	9	44
	318	ALEXANDRIA (A)	60	14	14	01	0	3	ci	23.0	23	9	41
	330	DAMIETTA	70	5	20	03	0	1	cu	23.3	20	11	56
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	9	10	01	2	3	cu	22.7	22	9	44
	342	MANSÛRA	90	6		02	0	0	—	22.6	23	4	29
	348	ṬANṬA	40	11	20	01	1	3	cu	22.4	22	9	44
	360	SHEBÎN EL KÔM	330	5	20	01	1	1	cu	22.2	23	8	38
	354	ZAGAZIG	40	1	20	01	1	1	As	22.6	22	13	57
	441	ISMA'ILIA	70	3	20	03	1	4	AS	22.2	23	8	38
Cairo Area	366	CAIRO (A)	60	15	20	02	0	4	ci	21.3	22	6	36
	372	CAIRO ALMÂZA (A)											
	374	CAIRO EZBEKÎYA											
	375	GIZA	90	13	10	03	0	4	ci	21.9	22	7	38
	378	ḤELWÂN	40	16	10	03	1	4	Sc,ci	21.8	23	5	32
Upper Egypt	381	FAYOÛM	20	6	20	02	0	1	cc	20.8	24	7	34
	387	MINYA (A)	30	14	12	03	0	2	ci	18.6	26	0	18
	393	AṢYOÛṬ (A)	270	3	18	02	0	1	ci	18.0	26	3	23
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	AC	16.3	25	11	42
	402	QENA	270	2	20	03	1	1	ci	16.6	24	12	47
	405	LUXOR (A)											
	414	ASWÂN											
Oases	417	SÎWA	140	11	16	03	1	6	cs	21.6	23	7	36
	420	BAḤARÎYA	40	4	20	02	2	7	cs	20.2	25	13	48
	428	FARAFRA	40	5	20	03	0	3	ci	21.7	23	3	27
	432	DAKHLA	10	11	14	03	1	5	ci	19.0	25	3	24
	435	KHARGA	20	2	15	03	1	3	ci	16.6	26	3	23
Red Sea	450	SUEZ	360	12	50	02	0	0	—	21.9	22	11	50
	459	TÔR											
	462	HURGHÂDA	360	7	22	02	0	1	ci	17.4	25	9	36
	465	QUSEIR	350	12	20	03	0	2	As,ci	17.5	22	15	65
	641	PORT SÛDÂN	10	16	18	06	0	3	sc	13.0	29	24	74
North Sudan	600	WÂDI ḤALFA											
	640	ABU ḤAMAD	50	18	20	02	0	3	cu	6.8	30	16	43
	660	KAREIMA	40	3	21	03	0	1	cu	9.6	33	13	30
	680	'AṬBARA	350	3	20	02	0	0	—	7.9	35	7	18
	721	KHARṬOÛM	50	5	20	01	1	1	ci	6.9	35	17	35
	730	KASSALA	20	5	20	02	0	1	cu	5.3	36	10	20
Central Sudan	751	WÂD MEDANI	360	13	20	02	0	2	cu	6.4	35	7	18
	801	RENK											
	802	ROSEIRES	180	5	20	02	2	3	cu	5.5	34	17	36
	771	EL OBEID	50	11	20	02	0	3	cu,ci	6.5	33	9	23
	760	EL FASHER	340	4	22	02	2	7	cc	8.1	31	7	22
	770	GENEINA											
S. Sûdân	840	MALAKÂL	260	3	20	01	2	6	cu,AC	8.5	30	20	55
	880	WÂU	40	5	20	01	2	3	cu	6.0	32	17	41
	941	JUBA	180	5	20	02	2	6	cu	4.9	34	17	36

At 1800 on 11th

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	160	3	12	02	2	6	sc,cs	23.0	18	12	24	-1	68	0
	308	SÎDI BARRÂNI	130	9	12	02	0	3	ci	23.0	11	11	24		68	0
	306	MATRÛH (A)	00	0	14	03	0	2	cu	24.3	14	11	22		82	0
	309	EL DAB'AA	20	4		00	0	3	AC	24.5	19	9	24		52	0
	317	ALEXANDRIA	40	6	20	02	0	2	cs	24.8	17	9	23	-2	60	0
	318	ALEXANDRIA (A)	60	6	12	02	0	3	ci	24.0	16	8	23	-2	59	0
	330	DAMIETTA	70	2		02	0	1	cu	24.2	18	10	20	-4	60	0
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	40	2		01	0	1	cu	23.6	16	10	23	-4	68	0
	342	MANSÛRA	40	3		01	0	3	As,ci	24.3	17	9	24	-3	60	0
	348	ṬANṬA	60	3	20	02	1	4	cu	23.0	14	10	24	-3	77	0
	360	SHEBÎN EL KÔM	20	2	10	01	1	1	sc	23.0	16	10	23		68	0
	354	ZAGAZIG	40	1	10	01	0	0	—	23.2	19	12	24	-3	64	0
	441	ISMA'ILIA														
Cairo Area	366	CAIRO (A)														
	372	CAIRO ALMÂZA (A)														
	374	CAIRO EZBEKÎYA											24	-3		
	375	GIZA											23	-3		
	378	ḤELWÂN	40	11	10	02	2	8	cs	23.1	17	8	23	-1	56	0
Upper Egypt	381	FAYOÛM	20	6	20	03	1	3	cc	22.2	18	8	24	-4	52	0
	387	MINYA (A)	40	11	7	02	2	7	cs	20.3	20	3	26	-2	33	0
	393	AṢYOÛṬ (A)	340	6	10	03	1	7	cs	18.9	19	4	27	-1	37	0
	399	NAG' ḤAMÂDI	00	0		01	0	5	AC	17.4	17	11	28	-4	68	0
	402	QENA	290	2		00	0	0	—	17.1	20	8	27	-4	46	0
	405	LUXOR (A)														
	414	ASWÂN														
Oases	417	SÎWA	90	5	15	02	1	5	cs	22.6	18	5	24	-4	43	0
	420	BAḤARÎYA	40	2	10	02	2	6	cs	21.9	18	11	25	-2	64	0
	428	FARAFRA	360	3	12	01	2	3	ci	21.9	17	-2	24		28	0
	432	DAKHLA	10	3	5	01	2	4	ci	19.5	20	3	25	-4	33	0
	435	KHARGA	00	0	6	01	2	4	ci	17.5	20	1	26	-4	28	0
Red Sea	450	SUEZ	360	7	10	04	0	0	—	24.6	15	9	23	-4	68	0
	459	TÔR														
	462	HURGHÂDA	330	13	10	02	0	1	ci	18.2	22	11	25	-1	50	0
	465	QUSEIR	300	5	20	03	0	6	cs	18.1	21	10	25	-3	50	0
	641	PORT SÛDÂN	280	3	20	02	1	3	cb	14.3	23	14	30		57	0
North Sudan	600	WÂDI ḤALFA	10	6	10	01	0	1	ci	16.3	21	7	30		41	0
	640	ABU ḤAMAD	360	5	24	01	0	7		11.7	27	10	33		35	0
	660	KAREIMA	330	3	10	02	0	0	—	16.4	28	9	35		31	0
	680	'AṬBARA											35			0
	721	KHARṬOÛM	360	3	20	01	0	0	—	9.4	30	13	36		35	0
	730	KASSALA	30	4	20	02	0	0	—	8.8	26	10	36		37	0
Central Sudan	751	WÂD MEDANI											36			
	801	RENK											35			
	802	ROSEIRES											34			
	771	EL OBEID											37			
	760	EL FASHER	30	4	20	02	2	7	cs	17.3	25	8	33		34	0
	770	GENEINA											33			0
S. Sûdân	840	MALAKÂL	00	0	20	03	1	3	AC	10.3	25	20	31		74	21
	880	WÂU	00	0	20	01	1	0	—	7.3	26	18	33		62	0
	941	JUBA														

At 0600 on MONDAY 12th NOVEMBER, 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.	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	12	03	1	6	sc	22.8	+6.4	16	9	15	0	64	0	30	
	308	SÎDI BARRÂNI	170	11	15	02	2	5	cu,AC	23.7		14	10	11		77	0	29	
	306	MATRÛH (A)	190	5	16	01	2	6	Sc,cu,AC	23.9	+6.4	15	11	12		77	0	40	
	309	EL DAB'AA																18	
	317	ALEXANDRIA	00	11	20	03	0	6	sc	22.8	+5.8	19	12	18	+1	64	0	6	18
	318	ALEXANDRIA (A)	00	0	12	03	2	7	cu,ci	23.0	+6.0	17	11	14	-1	68	0	9	15
	330	DAMIETTA	20	5		03	1	7	Sc	22.3	+5.7	19	14	13	-3	73	0	18	11
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	40	2	10	01	1	2	ci	22.7	+4.9	16	12	12	-2	77	0	2	8
	342	MANSÛRA	40	5		03	1	4	As	22.7	+5.8	18	10	14	-1	60	0	tr	5
	348	ṬANṬA	40	8	20	03	2	7	As	22.4	+4.6	14	10	8	5	77	0	1	5
	360	SHEBÎN EL KÔM	340	2	10	01	1	2	As	22.0	+4.4	15	11	12		77	0	0	
	354	ZAGAZIG	320	1	10	03	1	5	As	21.2	+3.8	16	12	10	-3	77	0	0	3
	441	ISMA'ILIA	360	1	20	01	1	5	Ac	21.8		15	9	11		68	0	0	
Cairo Area	366	CAIRO (A)																tr	
	372	CAIRO ALMÂZA (A)																0	
	374	CAIRO EZBEKÎYA										16	10	12	-2	68	0	tr	3
	375	GIZA	20	3	10	03		6	ci	22.0	+4.5	14	11	10	-3	82	0	tr	4
	378	ḤELWÂN	20	11	6	02	2	7	ci	22.1	+4.8	16	10	14	-1	68	0	tr	2
Upper Egypt	381	FAYOÛM	360	6	20	02	2	6	cc	21.4	+4.1	16	10	12	-2	68	0	0	0
	387	MINYA (A)	350	7	8	03	0	2	ci	20.0	+2.6	14	9	11	-2	72	0	0	
	393	AṢYOÛṬ (A)	270	5	14	02	0	3	ci	19.9	+2.8	14	8	10	-4	67	0	0	
	399	NAG' ḤAMÂDI	00	0		01	0	5	Ac,ci	18.4	+2.3	16	10	11	-2	68	0	0	
	402	QENA	00	0	10	03	1	3	ci	18.4	+2.6	17	7	12	-2	52	0	0	
	405	LUXOR (A)																	
	414	ASWÂN																	
Oases	417	SÎWA	90	2	16	03	1	3	Ac,ci	22.0	+4.2	12	5	11	0	63	0	0	0
	420	BAḤARÎYA	20	6	20	02	2	6	ci	22.2	+4.1	14	11	12	0	82	0	0	1
	428	FARAFRA	20	3	15	03	0	2	ci	23.3		14	6	10		59	0	0	
	432	DAKHLA	00	0	14	03	0	2	ci	20.7	+3.2	14	5	10	-3	55	0	0	
	435	KHARGA	00	0	10	02	1	1	ci	17.8	+1.3	18	6	13	-1	46	0	0	
Red Sea	450	SUEZ	310	8	20	00	0	3	cu	21.9	+5.3	16	12	12	-4	77	0	0	3
	459	TÔR																	3
	462	HURGHÂDA	330	8	20	02	0	3	ci	18.2	+3.2	18	9	13	-3	56	0	0	
	465	QUSEIR	300	12	20	01	2	4	cs	17.9	+2.6	22	9	19	-1	44	0	0	1
	641	PORT SÛDÂN	310	13	20	02	0	2	Sc	14.9		27	23	24		79	0		
North Sudan	600	WÂDI ḤALFA	00	0	20	03	0	3	ci	17.2		17	4	13		42	0		
	640	ABU ḤAMAD	30	5	24	03	0	1	ci	14.2		23	4	20		29	0		
	660	KAREIMA	50	3	20	02	0	3	ci	14.4		23	6	19		34	0		
	680	'AṬBARA	50	6	20	02	0	0	—	12.4		26	15	21		31	0		
	721	KHARṬOÛM	360	9	20	02	0	0	—	12.0		25	13	22		48	0		
	730	KASSALA	160	2	20	02	0	0	—	10.2		28	18	20		55	0		
Central Sudan	751	WÂD MEDANI	50	9	20	02	0	0	—	11.7		25	17	20		61	tr		
	801	RENK	50	2	20	02	0	0	—	11.8		26	20	19		70	0		
	802	ROSEIRES	230	2	20	02	0	1	ci	10.4		24	19	20		74	0		
	771	EL OBEID	20	8	20	01	1	3	ci	11.9		24	7	22		34	0		
	760	EL FASHER	270	2	24	01	2	7	Ac,cs	15.0		19	5	15		40	0		
	770	GENEINA	50	6	50	01	1	2	cs	17.0		16	0	12		34	0		
S. Sûdân	840	MALAKÂL	30	4	20	02	2	7	AC,AS	14.5		26	19	22		66	28		
	880	WÂU	00	0	20	02	2	6	AC,AS	9.6		24	21	22		84	0		
	941	JUBA	00	0	24	02	1	2	ci	10.2		25	11	19		42	tr		

RETARDS — DATE

*0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11	
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.	80	10	90	19	20	13	20	21	360	16	320	10	80	13	30	25	50	8	10	13	340	16
600 m.	120	7	100	22	50	20	40	21	20	15	360	11	80	12	30	27	40	11	10	11	330	11
1000 m.	180	6	130	24	60	20	50	24	30	11	20	10	80	6	30	36	40	11	20	10	220	5
1500 m.	200	4	100	17	40	20	360	1	340	10	30	10	10	8	30	35	30	13	60	9	190	7
2100 m.	40	5			30	7	320	2	340	5			60	9	30	31	20	21	20	8	220	18
2400 m.	20	6			40	8	210	7	240	8	240	9	50	10	40	38	10	20	60	5	210	24
3000 m.					40	3	200	16	240	7	220	9	60	8	30	32					180	20
4000 m.							240	15	250	19	250	23			30	15						
5000 m.							230	22	260	18	250	16										
6000 m.									220	24	220	17										

STATION	S.Barrani		Alex.(A)		Minya		Asyout		Siwa		Dakhla										Hurghada	
DATE	13-11		13-11		13-11		13-11		13-11		13-11										13-11	
TIME	2		4		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.	100	11	40	17	10	13	260	16	90	17	50	6									330	16
600 m.	70	10	40	23	180	2	330	4	90	17	50	8									320	9
1000 m.	40	4	40	17	30	3	240	3	50	11	20	7									90	7
1500 m.	10	4	50	13	170	7	120	1	30	11	320	5									150	3
2100 m.	330	16			270	7	220	3	20	6											320	4
2400 m.	340	14			220	14			20	6												
3000 m.	280	10							140	3												
4000 m.	250	9																				
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11	
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.	120	5	80	7	50	8	40	8	30	13	10	5	300	7	100	12	30	17	40	5	320	11
600 m.	100	13	100	8	50	8	40	10	40	15	30	7	340	8	90	15	20	29	50	10	360	11
1000 m.	40	11	30	13	50	8	20	5	30	14	340	3	320	4	80	15	30	26	20	10	20	11
1500 m.			20	15					220	2	280	7	190	10	40	17	30	16	10	4	80	4
2100 m.			10	12									200	17	40	13			10	6	120	3
2400 m.			20	10									200	17	40	5			60	4		
3000 m.															230	1			10	4		
4000 m.															260	9			30	3		
5000 m.															210	3						
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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 13th NOVEMBER, 1956

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 dustatorm 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 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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 18 U.T. / " " Sunset 15 00 U.T.

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

At 1200 on 12th

Station	Wind Direction Deg.	Wind Velocity in 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 %
338	90	6	22	03	1	7	cu, AC	22.6	23	10	44
339	80	14	18	01	1	8	cu	22.2	23	18	74
342	70	10	16	02	2	6	Sc, AC	22.9	20	12	60
346											
360	350	16	20	02	0	5	Sc, cs	22.0	21	10	50
368	70	16	12	02	2	6	Sc, ci	21.5	22	12	53
372	20	5	20	01	1	3	cu	21.2	20	13	64
374											
375											
378											
381	90	2	10	03	1	4	cu	21.0	22	11	50
387	40	10		03	1	5	cu	21.5	22	11	50
393	40	10	20	03	2	7	cu	21.0	22	11	50
399	340	5	20	01	1	4	Sc	20.0	22	9	44
402	320	1	20	02	1	5	AS	19.6	23	15	61
405	40	4	20	03	2	8	AC	19.9	23	10	44
414											
417	310	15	16	02	2	7	cu, ci	19.2	23	13	53
420	20	16	20	01	2	6	cu, Sc, cs	19.1	22	9	44
428											
432	60	11	10	01	2	5	cu, cc	19.8	22	11	50
435	20	10	10	02	2	8	cu, cc	19.0	23	8	38
450	20	6	20	01	1	4	cc	19.2	23	8	38
459	10	9	12	02	0	3	ci	18.3	25	9	36
462	290	4	16	01	1	2	ci	17.9	24	8	36
465	00	0	10	01	0	5	AC, ci	16.2	26	14	48
641	00	0	20	02	1	2	ci	16.0	26	12	42
600											
640											
660											
680											
721											
730											
751	100	11	16	01	1	4	Sc, AC	21.5	23	8	38
801	40	5	20	02	2	6	ci	19.0	23	13	53
802	60	6	20	01	1	1	ci	20.6	23	4	29
771	340	13	15	02	0	0	—	17.8	25	2	22
760	20	6	15	01	1	1	ci	15.0	28	4	22
770											
840	310	10	50	03	0	6	cu	19.0	24	6	32
880	360	10	20	01	0	2	ci	16.2	24	14	54
941	350	11	20	01	1	2	AS, cc	16.7	25	13	48
	10	11	30	01	1	2	ci	12.7	31	10	28
	90	5	50	03	0	2	AC	10.9	33	9	23
	60	1	21	02	0	2		10.0	33	16	41
	330	5	20	02	0	1	ci	8.2	34	12	27
	20	9	20	03	0	1	ci	7.2	35	18	37
	10	1	20	03	0	1	cu	5.2	36	15	29
	50	5	20	02	0	1	cu	4.2	36	14	27
	320	6	20	02	0	1	cu	6.2	36	16	31
	360	4	50	01	2	1	ci	7.9	32	10	26
	70	2	50	03	2	7	AC, cs	8.8	33	10	24
	360	5	20	17	6	7	ch, AC, ci	6.8	34	18	39
	360	10	20	25	8	7	cu, AC	8.4	34	19	41
	40		24	03	0		cu	4.1	35	16	32

At 1800 on 12th

Station	Wind Direction Deg.	Wind Velocity in 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.
338	140	13	10	02	2	8	AS	23.1	19	14	24	-1	73	0
339	110	5	18	01	2	5	AC, cs	22.9	18	13	23		73	0
342	80	5	10	01	2	5	Sc, cu, ci	22.8	16	12	21		77	0
346														
360	40	16	20	03	1	6	cu	22.6	19	9	22	-3	52	0
368	40	8	12	02	2	6	Sc	22.2	18	12	23	-2	68	0
372	20	5		02	1	3	AC	21.2	18	13	20	-4	73	0
374														
375														
378														
381	40	2		02	1	3	cu	21.6	17	11	22	-4	68	0
387	00	0		03	1	5	cu	21.4	17	11	24	-3	68	0
393	40	2	20	03	2	8	AS	21.5	15	11	23	-4	77	0
399	20	2	10	01	1	2	Sc	21.4	16	10	23		68	0
402	40	1	10	02	1	0	—	19.2	19	14	24	-3	73	0
405														
414														
417	310	7	12	01	2	6	AC, ci	20.8	18	13	23		73	0
420														
428														
432											25	-1		0
435											23	-3		0
450	20	10	10	02	2	7	cc	20.6	18	10	23	-3	60	0
459	20	4	20	02	1	4	cc	19.6	17	11	24	-4	68	0
462	360	7	8	02	1	0	—	18.9	16	9	25	-2	64	0
465	240	3	12	02	0	0	—	18.1	18	9	24	-3	56	0
641	00	0		01	0	3	AC, ci	17.2	18	10	29	-1	60	0
600	00	0		02	1	0	—	16.8	21	10	29	-2	50	0
640														
660														
680														
721														
730														
751	00	0	14	01	1	4	AC	21.9	18	7	24	-3	49	0
801	20	5	10	02	2	2	ci	20.9	18	12	24	-3	68	0
802	30	2	12	00	1	0	—	21.3	16	3	24		42	0
771	350	4	5	02	0	0	—	19.1	18	-1	27	-2	28	0
760	00	0	6	02	0	0	—	16.4	18	4	28	-1	40	0
770														
840	310	12	10	01	0	0	—	23.3	17	11	24	-3	68	0
880	330	15	10	02	0	2	ci	16.8	21	13	25	-1	61	0
941	300	6	20	01	0	0	—	17.1	22	13	26	-2	57	0
	340	9	20	29	9	6	Sc	14.6	28	26	30		89	dr
	360	6	20	01	0	0	—	15.1	25	9	32		36	0
											33			0
											34			0
	350	2	20	01	0	0	—	10.2	29	12	34		35	0
	360	5	20	01	0	0	—	9.9	30	15	36		40	0
	70	2	20	02	0	0	—	8.9	26	13	37		45	0
											36			
											38			
											36			
	30	4	20	01	1	0	—	9.2	28	7	34		27	0
	60	7	20	02	2	7	AC, cs	10.3	20	9	34		49	0
	350	6	50	03	2	6	cs	12.5	23	8	34		38	0
	00	0	20	01	2	4	AC, cs	9.0	27	20	34		66	dr
	00	0	20	01	2	0	—	7.9	26	22	33		79	dr
											36			0

At 0600 on TUESDAY 13th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
338	00	0	18	01	0	3	AC	22.3	+4.9	17	10	16	+1	64	0	20	
339	200	5	15	03	1	7	Sc, AC	22.0		15	11	12		77	0	29	
342	00	0	14	01	2	4	Sc, cu, AS	22.1	+4.5	16	12	13		77	0	40	
346	20	5	10	00	0	4	AC	21.5		19	12	17		64	0	18	
360	40	9	20	01	1	5	cu, AS, ci	21.2	+3.2	21	12	18	+1	57	0	8	19
368	20	2	12	03	2	7	cu, AC, ci	21.4	+4.4	16	13	15	0	82	0	9	16
372	20	2	10	02	1	3	AC	19.6	+2.0	21	14	16	0	65	0	18	12
374																	
375																	
378																	
381	40	2	10	01	1	2	AC	20.6	+2.8	16	12	13	-1	77	0	2	9
387	40	3		01	1	3	AC	20.4	+3.4	16	12	14	-1	77	0	dr	5
393	360	3	20	01	1	4	AC	20.7	+2.8	17	13	18	-3	77	0	1	5
399	320	2	10	01	1	1	cu	19.8	+2.2	15	11	12		77	0	0	
402	00	0	10	02	0	0	—	18.6	+1.1	17	13	18	-2	77	0	0	2
405	180	1	20	01	1	2	AC	19.5		16	14	13		88	0	0	
414																	
417	00	0	15	02	2	1	AC	20.1		17	13	12		77	0	dr	
420																	
428																0	
432										16	13	13	-1	82	0	dr	2
435	40	4	10	02	—	2	cu	20.3	+2.8	17	14	12	0	83	0	dr	4
450	00	0	7	02	0	1	cu	19.6	+1.8	16	14	14	-1	88	0	dr	2
459	360	4	20	02	0	0	—	20.0	+2.7	16	13	13	0	82	0	0	0
462	360	7	7	02	0	0	—	19.2	+1.8	15	12	11	-1	82	0	0	
465	280	3	12	02	0	5	Sc	19.4	+2.2	14	11	10	-4	82	0	0	
641	00	0		01	0	1	AS	18.3	+2.1	17	9	11	-2	60	0	0	
600	270	2	10	00	0	0	—	18.2	+2.2	17	11	13	-1	68	0	0	
640																	
660																	
680																	
721																	
730																	
751	00	0	16	00	0	0	—	21.1	+2.3	12	7	9	-1	72	0	0	0
801	40	4	20	02	0	0	—	20.7	+2.5	14	12	11	-1	88	0	0	1
802	10	2	15	02	0	0	—	22.1		13	8	10		72	0	0	
771	290	3	14	02	0	0	—	21.0	+3.4	13	7	9	-4	67	0	0	
760	00	0	10	02	0	0	—	17.4	+0.8	13	8	9	-5	72	0	0	
770																	
840	00	0	20	00	0	2	cu	20.4	+3.8	17	13	9	-7	77	0	0	3
880																	2
941	300	9	22	02	0	1	ci	17.3	+2.2	20	10	14	2	53	0	0	
	300	7	20	03	0	1	ci	17.3	+2.0	22	9	17	-3	44	0	0	1
	20	2	20	02	0	1	ci	16.7		19	4	15		37	0		
	360	2	24	03	0	1	ci	13.4		25	9	20		36	0		
	10	2	21	02	0	1	ci	13.3		21	7	20		41	0		
	50	6	20	02	0	0	—	11.7		27	16	22		52	0		
	20	7	20	02	0	0	—	11.1		26	15	22		51	0		
	340	3	20	02	0	0	—	10.6		27	19			62	0		
	50	5	20	02	0	0	—	10.7		26	13			45	0		
	360	5	20	02	0	0	—	12.7		25	13			48	0		
	310	5	20	02	0	0	—	10.0		26	15			51	0		
	360	12	20	03	1	4	ci	11.8		23	3			27	0		
	40	13	50	01	2	1	cs	15.1		21					0		
	30	13	20	02	1	3	AC, AS, cs	10.8		26	17			58	0		
	00	0	20	02	2	7	AC, AS	10.1		24	21	23		84	dr		
	130	1	24	03	0	5	AC, ci	9.7		27	19	19		62	0		

Area	Index Number	Station
Mediterranean	62800	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
	346	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

REMARKS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

LIBRARY SEP 16 1958 WEATHER BUREAU

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Harghada	
DATE	13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11		13-11	
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.	40	10	20	9	30	16	360	15	340	11	320	12	320	2	20	19	20	11	350	16	320	21
600 m.	40	4	30	10	30	17	360	20	360	11	350	10	30	6	20	21	20	10	350	15	280	5
1000 m.	100	4	20	10	40	19	10	17	360	8	360	9	70	7	20	13	20	13	360	13	60	3
1500 m.	40	5	10	13			20	13	300	4	210	8	60	21	30	13	20	11	280	7	100	4
2100 m.	230	15							210	11	210	18	50	23	30	16	30	4	190	3		
2400 m.	300	16							220	10	210	17			50	10	10	4	230	4	260	9
3000 m.									220	16	240	14			360	2	30	3			230	11
4000 m.									240	12	230	10			310	6	280	10			200	12
5000 m.									260	24					270	7						
6000 m.															40	30						

STATION	S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Dakhla								Harghada	
DATE	14-11		14-11		14-11		14-11		14-11		14-11		14-11								14-11	
TIME	2		4		5		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.	80	9	30	13	70	12	360	16	320	8	100	14	280	11							320	22
600 m.	80	9	30	11	60	18	10	18	340	10	90	13	320	13							320	9
1000 m.	50	8	30	8	70	21	20	19	350	7	40	10	320	15							350	10
1500 m.	20	6			70	17	360	13	220	6	40	13									320	5
2100 m.	340	8			60	9					80	4									220	3
2400 m.	350	7			320	2					20	7									220	3
3000 m.					80	5					360	9									180	3
4000 m.					50	6															240	7
5000 m.																						
6000 m.																						

STATION	Sallum		S. Barrani		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11	
TIME	8		8		8		8 30		6 15		8		8		7		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	7	50	7	20	10	40	10	40	23	360	14	320	8	80	12	30	12	20	5	20	4
600 m.	100	8	100	19	40	10	50	18	40	6	10	16	350	11	80	8	40	14	10	12	40	10
1000 m.	140	4	40	9	30	10	30	13	40	4	10	8	340	10	60	14	40	20	10	12	20	14
1500 m.	160	5	40	8	30	1	40	2	40	1	250	5	260	12	360	7	20	17	20	13		
2100 m.	160	12	60	15					360	3	260	5	200	5	360	9	30	26	20	11		
2400 m.	160	10							10	3	320	4	230	10	350	8	20	13	30	7		
3000 m.									240	10	30	3	320	5	30	16	20	10				
4000 m.									250	23	330	3			270	18	50	3				
5000 m.									250	25	240	19					280	16				
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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE WEDNESDAY 14th NOVEMBER, 1956

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: _____ التنبؤات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 19 U.T. / " " Sunset 15 00 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 %
320	3	22	03	0	1	Cu	20.5	22	12	57
30	7	18	02	0	2	Cu	20.7	21	13	61
50	5	16	01	0	0	—	20.6	21	12	57
40	3	20	00	0	2	Ci	19.8	21	12	57
360	12	20	02	1	5	Sc	19.5	22	13	57
20	14	12	02	2	5	Cu	19.7	22	12	53
340	9	20	03	1	5	Cu	18.2	22	15	65
40	2	10	03	0	3	Cu	19.0	24	14	54
20	5		03	1	4	Cu	18.4	25	15	54
360	11	20	01	1	4	Cu	19.2	24	12	47
320	5	20	01	1	2	Cu	18.4	24	12	47
320	1	20	01	1	4	AS	17.9	25	17	61
20	2	20	02	0	0	—	17.2	27	11	37
280	10	16	02	0	1	Cu	17.4	24	12	47
30	10	18	02	0	1	Cu	17.6	24	11	44
60	10	10	01	1	2	Cu	17.8	24	14	54
360	8	10	02	0	0	—	17.0	24	9	36
360	6	20	02	0	0	—	16.2	25	11	42
350	4	12	02	0	0	—	16.8	26	7	30
340	7	16	02	0	0	—	16.5	24	10	41
00	0	10	01	0	3	Ac,Cu	15.1	28	15	45
00	0	20	00	0	0	—	14.6	26	14	48
270	5	16	02	0	0	—	19.3	24	11	44
40	6	20	02	0	0	—	17.6	24	15	57
40	4	20	02	0	0	—	19.5	22	8	41
340	5	15	02	0	0	—	16.7	25	5	28
20	3	15	02	0	0	—	14.0	28	5	23
00	0	50	01	0	0	—	16.8	25	13	48
10	8	22	02	0	0	—	15.0	26	15	51
100	8	20	01	0	0	—	15.4	25	14	51
20	11	20	01	1	2	Sc	13.3	29	24	74
10	10	20	02	0	0	—	11.8	32	4	17
70	2	24	01	0	0	—	8.8	33	11	26
280	4	21	02	0	0	—	8.6	34	12	27
340	5	10	02	0	0	—	6.9	34	14	30
40	11	20	02	0	0	—	6.3	35	18	37
90	3	20	02	0	0	—	4.5	36	15	29
310	9	20	02	0	0	—	5.2	36	9	19
360	9	20	02	0	3	Ac	7.0	35	15	30
60	4	20	02	0	1	Ci	3.5	37	11	20
360	10	20	02	1	3	Ac,Ci	6.0	34	4	15
50	4	24	02	1	2	Ci	7.4	32	8	22
60	7	50	02	0	1	Cu	9.0	33	11	26
20	9	20	02	1	1	Ac,Ci	5.6	35	10	22
330	5	20	29	9	7	Ch,Ac	6.5	27	22	74
40	2	24	02	2	6	Cu,Ac,Ci	2.6	35	17	35

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.
60	9	12	02	0	3	Sc,Cu	22.2	20	13	22	-3	64	0
60	8	18	02	0	0	—	21.3	18	13	22		73	0
40	6	10	02	0	2	Sc,Cu	22.0	17	12	22		72	0
20	3		00	0	3	Ci	19.8	20	13	24		64	0
360	14	20	01	1	4	Cu	21.0	20	13	23	-2	64	0
40	8	12	03	2	6	Sc	20.6	19	14	22	-3	73	0
340	2		00	0	0	—	18.7	19	16	22	-2	83	0
40	2		01	0	1	Cu	19.5	17	13	25	-1	77	0
00	0		01	0	0	—	19.6	17	13	26	-2	77	0
20	5	20	01	1	3	Cu	20.3	16	12	25	-2	77	0
320	2	10	01	1	1	Sc	19.6	18	11	25		64	0
40	1	10	01	1	0	—	19.4	21	12	26	-1	57	0
10	5	16	02	0	0	—	18.7	19	14	25		73	0
										26	0		0
										25	-1		0
20	13	10	02	0	0	—	18.7	19	14	25	-1	73	0
360	4	20	02	0	0	—	18.2	20	12	25	-2	60	0
350	3	7	02	0	0	—	17.9	17	9	27	0	60	0
350	3	10	02	0	0	—	17.7	18	8	25	-2	52	0
00	0		00	0	0	—	17.1	19	9	29	0	52	0
00	0		00	0	0	—	15.1	21	10	29	-2	50	0
00	0	14	02	0	0	—	20.5	17	9	25	-2	60	0
40	1	10	02	0	0	—	19.3	18	12	25	-2	68	0
360	1	12	02	0	0	—	19.9	17	5	24		46	0
350	9	5	02	0	0	—	18.3	19	4	26	-3	37	0
00	0	6	02	0	0	—	16.8	19	5	28	-1	40	0
360	11	10	02	0	0	—	20.8	16	12	26	-1	77	0
330	14	10	02	0	0	—	16.0	22	14	26	0	61	0
270	3	20	02	0	0	—	16.2	23	15	26	-2	61	0
350	1	20	02	0	1	Sc	13.5	28	24	30		79	0
360	15	20	02	0	0	—	14.3	25	4	33		26	0
50	5	24	02	0	0	—	10.2	29	7	34		25	0
350	3	21	02	0	0	—	10.9	29	5	35		22	0
340	2	20	02	0	0	—	9.2	29	13	35		37	0
360	5	20	02	0	0	—	8.5	30	17	36		46	0
90	3	20	02	0	0	—	8.0	28	13	37		40	0
20	8	50	01	0	0	—	8.9	26	4	35		25	0
10.3	26	1	34									20	0
8.3	27	16	36									52	0
8.8	23	21	33									89	6
9.9	24	21	35									84	0.4

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'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	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	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 14th NOVEMBER, 1956

Wind Direction Deg	Wind Velocity in 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
00	0	18	02	0	0	—	22.6	+5.2	18	14	15	0	78	0	20	
210	2	15	02	0	0	—	22.3		15	12	12		83	0	29	
00	0	15	02	1	5	Sc,Cu	22.3	+4.7	16	13	12		82	0	40	
20	4	10	00	0	3	Ci	21.8		19	14	11		73	0	18	
360	11	20	03	1	5	Cu	22.0	+4.0	20	13	19			0	6	40
40	6	12	02	0	8	Sc	21.3	+4.2	18	14	15	0	78	0	9	17
20	2	10	03	0	1	Cu	20.7	+4.0	20	15	16	0	73	0	18	12
40	2	10	01	0	1	Cu	21.0	+3.1	19	14	13	-1	73	0	2	9
00	0		00	0	0	—	21.4	+4.4	17	13	14	-1	77	0	tr	5
20	5	20	01	1	1	Cu	21.4	+3.5	16	12	11	-2	77	0	1	5
320	2	10	01	1	1	Sc	20.8	+3.1	17	12	13		72	0	0	
00	0	10	02	0	0	—	20.6	+3.1	17	15	11	-2	88	0	0	3
220	1	20	01	0	0	—	20.4		15	13	12		88	0	0	
10	6	12	02	0	3	Cu	20.5		16	14	12		88	0	tr	
20	4	12			2	Cu,Sc	20.7	+2.4	16	13	12	-3	82	0	0	
									17	14	15	+1	83	0	tr	2
20	5	8	03	—	2	Cu,Sc	21.0	+3.5	15	13	12	0	88	0	tr	4
20	16	6	02	0	1	Cu	20.8	+3.0	18	15	14	-1	83	0	tr	2
360	6	20	02	0	0		20.6	+2.2	16	14	13	0	88	0	0	0
360	6	8	02	0	2	Cu	19.1	+1.6	16	13	12	+1	82	0	0	
270	4	5	10	0	3	Sc	19.4	+2.1	14	12	11	-2	88	0	0	
00	0		00	0	0		18.2	+2.0	16	12	11	-3	77	0	0	
270	2	10	00	0	0	—	17.9	+1.8	17	11	13	-1	68	0	0	
00	0	14	02	0	0		22.0	+2.2	11	7	9	-1	77	0	0	0
40	3	20	02	0	0		21.4	+3.1	14	9	11	-1	74	0	0	1
30	2	15	02	0	0	—	22.1		14	10	12		77	0	0	
270	2	14	02	0	0	—	20.7	+3.0	15	7	10	-3	59	0	0	
00	0	10	02	0	0	—	17.8	+0.8	15	11	10	-3	77	0	0	
		20	00	0		Cu	20.8	+4.2	18	15	12	-4	83	0	0	3
																2
320	12	20	02	0	0	—	16.4	+1.3	21	13	14	2	61	0	0	
290	5	20	02	0	0	—	16.6	+1.2	23	10	17	-3	44	0	0	1

* 0 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Matruh		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11		14-11	
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.	50	8	70	4	50	11	10	17	340	16	320	16	50	6	20	18	20	10	360	12	330	11
600 m.	90	7	80	8	50	11	20	25	350	15	350	10	40	9	30	20	20	10	360	14	10	10
1000 m.	50	7	50	5	50	15	30	23	360	16	350	10	40	11	30	23	30	12	10	13	350	8
1500 m.	10	8	40	8			50	10	10	10	320	6	10	15	30	25	20	12	10	13	350	10
2100 m.	360	12	30	7			10	8			350	4	30	11	30	17						
2400 m.	360	12	10	9			20	17			310	8	10	9	20	28						
3000 m.	360	19	10	9			10	10			90	3	10	17	30	23						
4000 m.			360	17			220	12			230	14	270	23	310	2						
5000 m.							280	25					280	27	270	2						
6000 m.																						

STATION	S. Barrani		Cairo(A)		Minya		Asyout		Siwa		Dakhla										Hurghada	
DATE	15-11		15-11		15-11		15-11		15-11		15-11										15-11	
TIME	2		5 15		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.	110	7	50	17	10	20	350	8	10	12	30	8									320	4
600 m.	100	7	50	20	40	17	40	10	20	10	40	15									320	17
1000 m.	80	6	40	20	20	8	50	13	70	14	30	21									340	10
1500 m.	70	9	20	17	360	7	40	2	40	16											70	6
2100 m.	40	11			340	8	90	5	40	16											150	17
2400 m.	20	14					40	2	30	17											230	6
3000 m.	360	15							20	15											150	3
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex.(A)		Cairo(A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11	
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.	130	9	100	7	30	9	30	17	40	10	350	14	340	10	90	19	50	19	30	12	320	13
600 m.	130	9	100	9	40	11	50	24	40	19	30	17	340	10	90	13	50	26	30	18	360	15
1000 m.	130	11	80	8	30	18	10	14	30	19	20	15	20	10	70	15	50	32	30	17	40	23
1500 m.	70	9	60	9			40	16	20	15			60	4	60	17			50	18	70	26
2100 m.	60	12	50	14			70	13	40	16			20	8	40	22			50	13	50	32
2400 m.	60	14	40	13					50	6			40	5	50	23			40	19		
3000 m.	30	11	350	14					330	10			360	4	40	16			60	7		
4000 m.			310	11											340	8						
5000 m.															320	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. 1

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE Thursday 15th November, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

LIBRARY
SEP 16 1957
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 20 U.T. / " " Sunset 14 59 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.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	90	8	20	02	0	0	—	21.6	22	14	61
	308	SÎDI BARRÂNI	60	8	16	02	0	0	—	21.9	21	14	65
	306	MATRÛḤ (A)	50	6	16	01	0	1	Cu	21.5	21	13	61
	309	EL ḌAB'AA	20	5	20	00	0	0	—	20.7	20	13	64
	319	ALEXANDRIA	360	12	20	01	1	4	Cu	20.4	22	13	57
	318	ALEXANDRIA (A)	30	10	12	02	2	5	Sc	20.2	23	13	53
	330	DAMIETTA	20	5	20	02	0	1	Cu	19.5	21	14	65
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	2	10	01	0	1	Cu	19.9	24	14	54
	342	MANṢÛRA	360	5		03	1	4	Cu	20.2	25	15	56
	346	ṬANṬA	40	8	20	01	1	2	Cu	19.6	24	14	54
	360	SHEBÎN EL KÔM	320	5	20	01	1	2	Cu	19.0	24	12	47
	354	ZAGAZIG	00	0		01	1	2	As	19.2	26	16	55
	441	ISMA'ILÎA	20	3	20	01	0	0		18.7	25	13	48
CAIRO AREA	366	CAIRO (A)	60	10	16	02	0	0	—	18.1	25	9	36
	372	CAIRO ALMÂZA (A)	30	15	12	02	0	0	—	17.9	25	11	42
	374	CAIRO EZBEKÎYA											
	375	GIZA	80	11	10	02	1	1	Cu	18.3	23	13	53
	376	ḤELWÂN	20	11	10	02	0	0	—	18.0	24	8	36
UPPER EGYPT	381	FAYOÛM	20	6	20	02	0	0	—	17.5	25	12	45
	387	MINYA (A)	10	8	12	02	0	0	—	16.7	27	11	37
	393	AṢYOÛṬ (A)	310	4	16	02	0	0	—	16.6	25	13	48
	399	NAG' ḤAMÂDI	00	0		01	0	2	Ac	15.0	27	16	52
	402	QENA	270	2	20	00	0	0	—	14.6	26	16	55
	405	LUXÔR (A)											
	414	ASWÂN											
OASES	417	SÎWA	110	4	16	02	0	0	—	20.1	24	10	41
	420	BAḤARÎYA	40	7	20	02	0	0	—	18.0	25	16	58
	423	FARAFRA	20	4	20	02	0	0	—	19.5	23	10	44
	432	DAKHLA	340	11	15	02	0	0	—	17.4	25	5	28
	435	KHARGA	360	5	15	02	0	0	—	14.2	28	6	25
RED SEA	450	SUEZ	360	10	50	01	0	0	—	18.4	25	13	48
	459	TÔR											
	462	HURGHÂDA	350	12	20	02	0	0	—	14.3	26	16	55
	465	QUSEIR	360	12	20	02	0	0	—	15.0	26	16	55
	641	PORT SÛDÂN	10	13	18	05	1	3	Sc, Ac	12.1	30	24	70
NORTH SUDAN	600	WÂDI ḤALFA	10	13	20	02	0	0	—	11.6	32	3	16
	640	ABU ḤAMAD	70	5	24	02	0	0	—	8.2	34	12	27
	660	KAREIMA	30	3	21	02	0	0	—	8.3	34	11	25
	680	'AṬBARA	10		20	02	0	0	—	6.1	35	12	25
	721	KHARṬOÛM	40	9	20	02	0	0		5.6	36	10	20
	730	KASSALA	70	5	20	02	0	1	Ci	4.2	36	14	27
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	0	0	—	4.3	37	8	17
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	4	20	02	0	0	—	4.6	34	7	19
	760	EL FASHER	20	10	30	02	0	0	—	7.2	32	-1	12
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	70	12	20	03	1	3	Cu, Cs	5.1	35	12	25
	880	WÂU											
	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 °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	40	3	12	02	0	0	—	22.7	20	13	23	-2	64	0
308	SÎDI BARRÂNI	00	0	12	02	0	0	—	21.8	17	12	22		72	0
306	MATRÛḤ (A)	00	0	12	02	0	0	—	22.0	16	12	23		77	0
309	EL ḌAB'AA	40	3		00	0	0	—	21.6	18	13	24		73	0
319	ALEXANDRIA	360	12	20	01	0	1	Cu	21.4	19	14	23	-2	73	0
318	ALEXANDRIA (A)	30	6	12	02	0	0	—	21.3	18	13	23	-2	73	0
330	DAMIETTA	20	2		02	0	0	—	19.9	19	14	22	-2	73	0
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	20.0	16	12	25	-1	77	0
342	MANṢÛRA	20	3		01	0	0	—	20.4	17	13	25	-1	77	0
346	ṬANṬA	00	0	20	02	0	0	—	20.0	16	12	25	-3	77	0
360	SHEBÎN EL KÔM	20	2	10	01	1	1	Sc	19.6	16	10	25		68	0
354	ZAGAZIG	40	1	10	01	1	0	—	19.2	21	14	26	-1	65	0
441	ISMA'ILÎA														
366	CAIRO (A)	60	12	12	02	0	0	—	20.3	18	13	26		73	0
372	CAIRO ALMÂZA (A)														
374	CAIRO EZBEKÎYA											26	0		0
375	GIZA											25	-1		0
376	ḤELWÂN	360	9	10	02	0	0	—	19.6	18	12	25	0	68	0
381	FAYOÛM	20	4	20	02	0	0	—	18.6	20	13	25	-2	64	0
387	MINYA (A)	360	7	8	02	0	0	—	17.9	18	12	27	0	68	0
393	AṢYOÛṬ (A)	300	3	12	02	0	0	—	16.7	20	12	26	-1	60	0
399	NAG' ḤAMÂDI	00	0		00	/	0	—	16.2	19	12	28	-1	64	0
402	QENA	290	3		00	6	0	—	15.1	22	13	30	0	50	0
405	LUXÔR (A)														
414	ASWÂN														
417	SÎWA	50	5	14	02	0	1	Ci	20.6	18	4	26	-1	40	0
420	BAḤARÎYA	40	2	10	02	0	0	—	19.8	18	14	26	0	78	0
423	FARAFRA	360	1	12	02	0	0	—	20.5	18	7	24		49	0
432	DAKHLA	310	3	5	02	0	0	—	18.0	20	3	26	-3	33	0
435	KHARGA	00	0	6	02	0	0	—	15.6	20	9	29	0	49	0
450	SUEZ	360	8	10	02	0	0	—	20.0	19	16	26	-1	83	0
459	TÔR														
462	HURGHÂDA	330	15	10	02	0	0	—	14.7	22	14	26	0	61	0
465	QUSEIR	340	5	20	02	0	0	—	15.5	22	17	27	-1	74	0
641	PORT SÛDÂN	360	5	28	05	1	4	Sc	13.4	28	23	31		74	0
600	WÂDI ḤALFA	360	11	20	02	0	0	—	13.6	25	3	33		24	0
640	ABU ḤAMAD	20	5	24	02	0	0	—	10.0	29	7	34		25	0
660	KAREIMA	360	4	21	02	0	0	—	8.9	29	7	34		25	0
680	'AṬBARA	350	4	20	02	0	0	—	7.5	30	13	35		35	0
721	KHARṬOÛM	360			02	0	0	—	7.8	29	12	36		35	0
730	KASSALA	50	3	20	02	0	1	Ci	6.0	29	13	38		37	0
751	WÂD MEDANI											37			
801	RENK											37			
802	ROSEIRES											38			
771	EL OBEID	310	4	20	02	0	0	—	6.6	28	15	37		45	0
760	EL FASHER	50		10	02	0	0	—	9.7	25	3	33		24	0
770	GENEINA														
840	MALAKÂL	130	5	20	01	1	2		7.2	25		36			0
880	WÂU											35			0
941	JUBA	00	0	24	02	2	6	Ac, Ci	6.3	24	21			84	5

At 0600 on THURSDAY 15th NOVEMBER, 1956

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	03	1	5	As	21.8	+4.4	16	16	15	+1	97	0	20	
308	SÎDI BARRÂNI	180	6	15	03	0	5	Ac, Ci	21.9		15	13	11		82	0	29	
306	MATRÛḤ (A)	00	0	16	03	0	0	—	22.3	+4.7	14	12	10		88	0	40	
309	EL ḌAB'AA	20	3	10	00	0	1	Ci	21.5		19	16	14		83	0	18	
319	ALEXANDRIA	360	12	20	03	0	5	Sc	22.0	+4.0	20	15	18	+1	73	0	6	25
318	ALEXANDRIA (A)	40	4	12	02	1	4	Sc	21.5	+4.4	21	16	14	-1	74	0	9	18
330	DAMIETTA	20	2	10	03	0	1	Cu	21.1	+4.4	20	15	15	-1	73	0	18	16
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	40	2	10	01	1	1	Cu	21.1	+3.2	17	15	12	-2	88	0	2	10
342	MANṢÛRA	00	0		01	0	2	Cu	21.4	+4.3	17	13	13	-1	77	0	dr	8
346	ṬANṬA	00	0	20	03	2	6	Cu	21.4	+4.5		13	9	-4		0	1	5
360	SHEBÎN EL KÔM	20	2	10	01	1	1	Cu	21.0	+3.3	15	13	13		88	0	0	
354	ZAGAZIG	00	0	10	01	1	2	As	21.0	+3.4	17	13	9	-4	77	0	0	3
441	ISMA'ILÎA	250	2	20	03	1	5	Ci	20.6		16	12	14		77	0	0	
366	CAIRO (A)	120	8	14	03	0	5	Sc, Ci	21.0		16	14	13		88	0	dr	
372	CAIRO ALMÂZA (A)	40	6	15	00	0	4	Ci	20.6	+3.3	16	13	13	-2	82	0	0	
374	CAIRO EZBEKÎYA										16	13	12	-2	82	0	dr	2
375	GIZA	20	3	5	01		6	Ci	21.0	+3.4	15	13	10	-2	88	0	dr	4
376	ḤELWÂN	20	8	6	02	2	8	Ci	26.7	+2.8	14	13	16	0	77	0	dr	2
381	FAYOÛM	20	6	20	02	1	4	As	19.0	+1.5	17	13	13	0	77	0	0	0
387	MINYA (A)	20	9	10	02	0	0	—	18.9	+1.4	16	13	14	+2	82	0	0	
393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	18.7	+1.3	15	12	11	-2	82	0	0	
399	NAG' ḤAMÂDI	00	0		01	0	2	Ac	16.3	0.0	17	13	11	-1	77	0	0	
402	QENA	270	2	10	00	0	0	—	17.4	+1.2	17	11	13	-1	68	0	0	
405	LUXÔR (A)																	
414	ASWÂN																	
417	SÎWA	00	0	15	02	1	1	Ci	21.8	+2.9	11	5	8	-2	67	0	0	0
420	BAḤARÎYA	40	5	20	02	0	3	Ci	21.2	+2.9	14	13	11	-1	94	0	0	1
423	FARAFRA	20	2	15	02	0	0	—	22.1		13	9	10		77	0	0	
432	DAKHLA	290	3	14	02	0	0	—	19.8	+2.0	16	10	11	-1	68	0	0	
435	KHARGA	00	0	10	02	0	0	—	16.7	-0.1	15	10	12	-1	72	0	0	
450	SUEZ	310	7	20	00	0	3	Cu	21.4	+4.7	17	16	12	-4	94	0	0	36
459	TÔR																	2
462	HURGHÂDA	330	14	20	02	0	0	—	15.7	+0.5	23	14	16	0	57	0	0	
465	QUSEIR	310	9	20	02	0	0	—	16.6	+1.2	23	12	17	-3	50	0	0	1
641	PORT SÛDÂN	320	7	20	03	1	6	Sc	14.4		26	23	23		84	0		
600	WÂDI ḤALFA	10	3	20	02	0	0	—	15.5		19	3	14		35	0		
640	ABU ḤAMAD																	
660	KAREIMA	20	7	21	02	0	0	—	11.6		25	10	21		39	0		
680	'AṬBARA																	
721	KHARṬOÛM																	
730	KASSALA	140	8	20	02	0	0	—	7.8		29	12	21		35	0		
751	WÂD MEDANI	50	9	20	02	0	1	Ci	8.9		26	17	21		58	0		
801	RENK	310	2	20	02	0	0	—	10.7		25	15	17		54	0		
802	ROSEIRES	310	2	20	02	0	0	—	7.9		24	14	19		54	0		
771	EL OBEID																	
760	EL FASHER	00	0	30	02	0	0	—	14.3		17	4	12		42	0		
770	GENEINA	50	12	50	02	0	0	—	14.9		19	1	17		30	0		
840	MALAKÂL	360	1	20	02	0	1	Ci	9.3		25	19	20		70	0		
880	WÂU	00	0	20	01	9	0	—	9.7		23	19	19		79	0		
941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11		15-11	
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.	80	4	10	10	50	2	30	10	30	11	360	21	330	10			30	21	30	15	20	11
600 m.	80	5	50	8	50	13	40	16	30	16	10	19	360	10	110	5	30	20	30	17	20	10
1000 m.	80	5	60	10	40	17	40	13	40	22	30	22	360	5	60	12	40	23	30	8	10	11
1500 m.	70	8	50	18	40	12	30	15	50	22	30	13	30	10	70	18	40	30	40	13		
2100 m.	60	9	40	17	50	16	30	17	40	28	350	11	350	5	50	19	40	18	50	10		
2400 m.	30	17	30	15	40	10	10	8	30	30	350	10	330	3	90	17	50	16	60	4		
3000 m.	60	13	20	23	40	11	230	6	40	29	310	20	240	7			60	18				
4000 m.	320	14			350	20	300	4					250	16			10	6				
5000 m.					290	30	290	4					230	21			10	17				
6000 m.					290	34	260	22					250	17								

STATION	Salloum		Cairo (A)		Minya		Asyout		Siwa		Dakhla											
DATE	16-11		16-11		16-11		16-11		16-11		16-11											
TIME	2		3		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.	90	8	60	17	10	18	330	4	90	14	10	6										
600 m.	90	17	50	17	10	10	20	6	80	13	30	14										
1000 m.	60	10	50	16	10	12	20	10	50	19	30	18										
1500 m.	50	14	30	15	360	7	360	3	40	18	40	7										
2100 m.	50	13			300	3	300	4	70	15												
2400 m.	40	11			10	6			60	20												
3000 m.	50	17																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11	
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.	100	4	80	9	50	5	50	18	60	14	10	6	280	4	90	11	40	13	40	12	240	6
600 m.	90	6	80	12	50	5	60	17	30	23	20	14	10	7	70	12	30	16	60	17	360	10
1000 m.	70	12	80	11	80	7	50	29	50	13	40	10	70	6	40	18	30	25	50	16	40	20
1500 m.	70	16	60	16	80	16	50	29	50	24	20	5	30	3	60	21	40	27	50	17	60	6
2100 m.	60	16	50	16			50	22	50	24	40	9	90	2	60	27			40	17	220	11
2400 m.			50	17			40	22	40	19	10	8	30	7	50	22			50	3		
3000 m.							10	22	10	13			260	10	50	23			70	5		
4000 m.							340	12														
5000 m.							320	18														
6000 m.							290	11														

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Helwan																					
DATE	15-11																					
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																				
1000 mb.	198	21		30	16															
950 mb.																				
900 mb.																				
850 mb.	1596	10		50	22															
800 mb.																				
700 mb.	3153	2		40	29															
600 mb.																				
500 mb.	5765	-20																		
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. 3

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 16th NOVEMBER, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

LIBRARY SEP 16 1991 WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 21 U.T. / " " Sunset 14 39 U.T.

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

At 1200 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.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
62300 SALLOUM	00	0	22	03	2	8	As	20.9	23	13	53
303 SIDI BARRANI	70	4	18	02	2	7	Ac,cs	20.7	21	16	74
306 MATRUH (A)	20	4	16	03	2	8	Sc,Cu,ci	21.1	22	16	69
309 EL DABA'A	20	3	20	00	0	3	ci	20.3	22	15	65
319 ALEXANDRIA	360	11	20	03	1	6	Cu,cs	20.6	22	15	65
318 ALEXANDRIA (A)	20	12	12	03	2	6	Sc,cs	20.2	24	16	61
330 DAMIETTA	20	2	20	03	1	6	Ac	19.8	21	14	65
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHUR	40	2	10	03	0	4	ci	19.6	25	13	48
342 MANSURA	20	3		03	1	6	As	20.0	25	13	48
348 TANTA	20	10	20	03	2	5	Ac	19.1	24	12	47
360 SHEBIN EL KOM	20	5	20	01	1	2	Cu	18.8	24	9	38
354 ZAGAZIG	00	0	20	02	0	0	—	18.6	24	16	61
441 ISMA'ILIA	20	3	20	01	0	0	—	19.0	24	12	47
366 CAIRO (A)	40	11	15	02	0	1	ci	18.3	24	11	44
372 CAIRO ALMAZA (A)	30	16	18	02	0	1	ci	18.7	24	10	41
374 CAIRO EZBEKIYA											
375 GIZA	80	13	10	01	0	2	ci	18.8	24	12	47
378 HELWAN	20	11	10	01	2	1	ci	18.0	24	9	38
381 FAYOUM	20	6	20	01	0	0	—	17.5	24	11	44
387 MINYA (A)	360	9	12	02	0	0	—	16.8	26	11	40
393 ASYOUT (A)	320	5	16	02	0	0	—	16.2	26	13	45
399 NAG' HAMADI	00	0	10	00	0	0	—	15.1	27	16	52
402 QENA	270	2	10	00	0	0	—	15.2	26	14	48
405 LUXOR (A)											
414 ASWAN											
417 SIWA	120	7	16	03	1	6	cs	19.9	24	9	38
420 BAHARIYA	40	8	18	03	0	0	—	18.0	25	15	54
428 FARAFRA	40	4	20	02	0	0	—	18.6	24	7	34
432 DAKHLA	340	11	15	02	0	0	—	16.6	26	7	30
435 KHARGA	340	5	15	02	0	0	—	14.0	27	7	28
450 SUEZ	190	8	50	01	0	2	Cu	18.4	24	14	54
459 TOR											
462 HURGHADA	210	15	22	02	0	1	ci	13.5	26	16	55
465 QUSEIR	340	12	20	02	0	0	—	15.5	26	16	55
641 PORT SUDAN	120	10	20	01	2	5	Sc	12.5	30	23	66
600 WADI HALFA	360	8	20	02	0	0	—	11.2	33	5	17
640 ABU HAMAD	90	9	24	02	0	0	—	8.	33	11	26
660 KAREIMA	30	5	21	02	0	0	—	7.9	33	11	26
680 ATBARA											
721 KHARTOUM	50	8	20	02	0	0	—	5.4	35	7	18
730 KASSALA	130	3	20	02	0	0	—	3.7	36	10	20
751 WAD MEDANI	360	5	20	02	0	0		4.0	37	11	20
801 RENK	310	5	20	02	0	2	cs	5.3	37	15	27
802 ROSEIRES	310	5	20	02	0	1	Cu	2.2	37	13	24
771 EL OBEID	40	5	20	03	0	1	ci	5.0	34	5	16
760 EL FASHER	350	4	30	02	0	0	—	7.1	32	4	17
770 GENEINA	30	4	50	02	0	1	cs	7.7	33	-1	11
840 MALAKAL	110	6	20	02	0	2	Cu,cs	5.0	36	12	24
880 WAU	40	5	20	03	0	2	Cu	4.3	35	15	30
941 JUBA	20	5	24	02	1	4	Cu	3.0	36	15	29

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.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOUM	00	0	12	02	2	6	cs	21.3	19	14	24	-1	73	0
303 SIDI BARRANI	110	5	15	02	2	6	cs	20.9	18	15	21		83	0
306 MATRUH (A)	60	6	12	03	2	8	Sc,cs,cs	22.0	19	16	23		83	0
309 EL DABA'A														
319 ALEXANDRIA	360	10	20	03	1	8	cs	21.4	20	15	23	-2	73	0
318 ALEXANDRIA (A)	30	5	12	02	2	7	Sc,cs	21.2	18	14	25	+1	78	0
330 DAMIETTA	20	2		02	1	6	Ac	20.2	19	14	21	-3	73	0
333 PORT SA'ID (A)														
336 EL 'ARISH														
339 DAMANHUR	40	2	10	02	1	6	cs	20.6	17	15	25	-1	88	0
342 MANSURA	00	0		03	1	6	ci	19.6	18	15	25	-1	83	0
348 TANTA	40	4	20	03	2	7	As	20.0	17	13	26	0	77	0
360 SHEBIN EL KOM	40	2	10	01	1	1	Sc	19.8	17	9	25		60	0
354 ZAGAZIG	00	0	10	02	0	0	—	18.6	21	12	25	-1	57	0
441 ISMA'ILIA														
366 CAIRO (A)	60	8	12	03	0	4	ci	20.0	18	12	24		68	0
372 CAIRO ALMAZA (A)														
374 CAIRO EZBEKIYA											25	-1		0
375 GIZA											25	-1		0
378 HELWAN	360	10	10	02	1	3	ci	19.8	19	9	24	-1	52	0
381 FAYOUM	20	4	20	02	0	0	—	18.4	20	12	25	-2	60	0
387 MINYA (A)	360	8	8	02	0	0	—	18.0	18	10	27	0	60	0
393 ASYOUT (A)	240	3	12	02	0	0	—	17.6	20	12	27	0	60	0
399 NAG' HAMADI	00	0		00	0	0	—	15.6	19	16	29	0	83	0
402 QENA	00	0		00	0	0	—	15.5	22	13	29	-1	57	0
405 LUXOR (A)														
414 ASWAN														
417 SIWA	00	0	14	02	1	5	cs	20.4	16	8	25	-2	59	0
420 BAHARIYA	00	0	10	02	0	3	cs	19.7	19	12	26	0	64	0
428 FARAFRA	00	0	12	02	0	0	—	20.4	18	4	25		40	0
432 DAKHLA	00	0	5	02	0	0	—	17.9	21	7	27	-1	41	0
435 KHARGA	00	0	6	02	0	0	—	15.6	20	8	28	-1	46	0
450 SUEZ	310	9	10	01	0	0	—	20.6	18	15	25	-2	83	0
459 TOR														
462 HURGHADA														
465 QUSEIR	00	0	20	02	0	0	—	16.2	21	17	26	-2	78	0
641 PORT SUDAN	70	8	20	01	1	3		13.8	29	23	31		70	0
600 WADI HALFA	10	7	20	02	0	0	—	13.4	25	2	34		22	0
640 ABU HAMAD	50	5	24	02	0	0	—	10.0	29	12	34		35	0
660 KAREIMA	350	3	21	02	0	0	—	9.5	30	12	34		33	0
680 ATBARA	80	15	13	02	0	0	—	8.6	31	12	36		31	0
721 KHARTOUM	60	7	20	01	0	0	—	7.9	29	8	36		27	0
730 KASSALA	90	4	20	02	0	0	—	7.1	28		37			0
751 WAD MEDANI											37			
801 RENK											37			
802 ROSEIRES											37			
771 EL OBEID	350	5	20	02	0	0	—	8.5	26	8	35		32	0
760 EL FASHER	50	6	20	02	0	0	—	9.5	26	4	33		25	0
770 GENEINA	20	6	50	02	0	0	—	10.6	23		33			0
840 MALAKAL	160	4	20	02	0	1		7.9	28	10	37		33	0
880 WAU	20	2	20	01	0	0	—	6.0	27	18	35		38	0
941 JUBA	00	0	24	01	2	3	Cu	6.1	24	19	37		74	0

At 0600 on FRIDAY 16 th NOVEMBER, 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.	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. 16	Normal From Oct. 16
Mediterranean	62300	SALLOUM	00	0	18	02	0	0	—	23.0	+0.6	18	15	16	+2	83	0	20	
	303	SIDI BARRANI	130	4	8	05	4	0	—	22.9		14	14	12		97	0	29	
	306	MATRUH (A)	00	0	16	01	0	1	Sc,Cu	23.0	+5.4	16	14	11		88	0	40	
	309	EL DABA'A	40	3	10	00	0	1	ci	22.7		20	17	11		83	0	18	
	319	ALEXANDRIA	40	9	20	01	1	4	Cu	22.4	+0.4	21	19	19	+2	88	0	0	22
	318	ALEXANDRIA (A)	00	0	12	02	2	5	Sc	22.1	+5.0	20	16	16	+1	78	0	9	19
	330	DAMIETTA	20	2		01	1	3	Ac	21.5	+0.8	21	16	15	0	74	0	18	14
	333	PORT SA'ID (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHUR	40	2	10	01	1	2	Cu	21.6	+3.6	17	15	12	-2	88	0	2	10
	342	MANSURA	00	0		03	1	4	Ac	21.9	+4.8	16	14	14	0	88	0	tr	6
	348	TANTA	00	0	20	01	1	4	As	21.6	+3.6	14	14	9	-4	97	0	1	5
	360	SHEBIN EL KOM	320	2	10	01	1	1	Cu	21.2	+3.5	15	11	13		77	0	0	
	354	ZAGAZIG	00	0	10	01	1	5	As	19.9	+2.3	17	15	11	-2	88	0	0	3
	441	ISMA'ILIA	00	0	20	03	1	5	Ac	21.1		16		13			0	0	
Cairo Area	366	CAIRO (A)	120	8	12	01	0	5	ci	21.3		17	14	12		83	0	tr	
	372	CAIRO ALMAZA (A)	50	12	12	00	0	6	As	21.0	+3.7	18	14	13	-1	78	0	0	
	374	CAIRO EZBEKIYA										17	13	13	-1	77	0	tr	3
	375	GIZA	00	0	6	01	—	3	ci	21.5	+3.9	14	13	11	-1	94	0	tr	4
	378	HELWAN	20	2	10	02	2	5	Cu,ci	21.0	+3.0	18	13	16	+1	73	0	tr	2
Upper Egypt	381	FAYOUM	360	6	20	03	1	3	cs	20.4	+2.9	19	14	15	+2	73	0	0	0
	387	MINYA (A)	20	9	6	03	1	7	St	19.8	+2.2	15	12	12	+1	82	0	0	
	393	ASYOUT (A)	270	4	12	02	0	3	ci	19.7	+2.2	14	12	10	-3	88	0	0	
	399	NAG' HAMADI	00	0		01	0	2	Ac	18.0	+1.7	16	13	12	0	82	0	0	
	402	QENA	00	0	10	00	0	0	—	18.4	+2.1	18	13	13	0	73	0	0	
	405	LUXOR (A)																	
	414	ASWAN																	
Oases	417	SIWA	00	0	14	02	0	0	—	22.6	+3.7	12	8	9	-1	77	0	0	0
	420	BAHARIYA	40	4	20	02	2	7	Ac	21.9	+3.6	14	14	11	0	97	0	0	1
	428	FARAFRA	20	2	15	02	0	0		22.5		14	10	10		77	0	0	
	432	DAKHLA	00	0	14	03	0	2	ci	20.3	+2.4	15	9	11	-1	62	0	0	
	435	KHARGA	00	0	10	03	0	1	ci	17.0	+0.1	15	9	10	-3	68	0	0	
Red Sea	450	SUEZ	360	8	20	00	0	5	Cu	21.9	+5.2	18	15	13	2	83	0	0	4
	459	TOR																	2
	462	HURGHADA																0	
	465	QUSEIR	310	10	20	02	0	0	—	17.3	+1.8	22	12	18	-2	53	0	0	1
	641	PORT SUDAN	340	7	20	01	2	4	Sc	15.4		28	23	25		74	0		
North Sudan	600	WADI HALFA	360	8	20	02	0	0	—	15.3		19	0	15		28	0		
	640	ABU HAMAD	70	5	20	02	0	0	—	12.4		25	12	21		48	0		
	660	KAREIMA	30	7	21	02	0	0	—	11.8		26	16	24		55	0		
	680	ATBARA	60	7	20	02	0	0		10.9		25	12	21		45	0		
	721	KHARTOUM	360	4	20	02	0	0	—	9.9		26	15	21		51	0		
	730	KASSALA	160	10	10	07	0	1	ci	8.0		31	12	24		31	0		
Central Sudan	751	WAD MEDANI	50	5	10	02	0	1	ci	9.5		26	15	18		51	0		
	801	RENK	310	2	20	02	0	0	—	11.0			17	10					
	802	ROSEIRES	230	2	20	02	0	0		8.5		27	20	20		66	0		
	771	EL OBEID	20	5	20	02	0	0	—	9.3		25	9	19		36	0		
	760	EL FASHER	00	0	24	02	0	0	—	12.8		18	3	12		37	0		
	770	GENEINA	50	6	50	02	0	1	cs	15.0		18	1	13		32	0		
S. Sudan	840	MALAKAL	10	2	20	01	2	5	Ac,ci	8.9		27	21	21		70	0		
	880	WAU	360	2	20	02	2	7	cs	8.9		23	18	20		74	0		
	941	JUBA	50	2	24	03	2	7	cs	9.7		24	14	16		54	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)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra	
DATE	16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11		16-11	
TIME	14		14		14		14		14		13 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.	30	4	60	9	40	9	40	16	20	17	20	13	360	17	340	8	50	10	30	23	30	13
600 m.	70	5	10	8	40	5	50	27	30	14	30	15	10	17	10	10	60	10	40	25	20	8
1000 m.	80	10	20	10	120	14	40	38	40	16	30	17	10	20	350	7	60	13	50	23	30	10
1500 m.	40	4	20	23	120	23	50	21	40	18	60	16	360	31	30	9	60	19	50	24	60	19
2100 m.	80	15	20	19			50	17	20	9	50	14			60	6	70	21	60	24	40	13
2400 m.	80	22	20	17			30	12	50	11	40	16			320	3	70	21	60	25	40	18
3000 m.			30	16					40	16	20	15			240	7	70	26	60	25	50	13
4000 m.			40	23							330	10			300	13					340	6
5000 m.			60	41							290	12			260	24						
6000 m.											280	21			250	29						

STATION	Dakhla						S. Barrani		Alex. (A)		Minya		Siwa		Dakhla							
DATE	16-11						17-11		17-11		17-11		17-11		17-11							
TIME	14						4		4		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.	350	17					60	12	30	26	10	16	80	11	290	18						
600 m.	350	14					40	19	50	19	10	19	70	20	280	22						
1000 m.	10	13					40	13	60	21	10	16	50	18	280	27						
1500 m.	40	16					70	10	50	20	30	13	60	20								
2100 m.							90	9	20	23			80	16								
2400 m.							80	15	20	21												
3000 m.									360	23												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex (A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11	
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.	40	7	50	1	40	11	50	19	40	18	360	15	290	5	70	11	40	17	40	13	90	2
600 m.	80	9	60	7	50	18	40	27	60	13	80	19	360	4	70	14	40	22	70	10	40	8
1000 m.	70	16	60	10	50	23	40	28	50	26	60	9	50	10	70	19	60	43	60	17	40	14
1500 m.	50	10	50	10	50	19	40	16			60	24	40	12	70	18	70	46	70	23		
2100 m.	180	3	50	5							50	30	50	23	80	16	70	55	70	32		
2400 m.	70	5	60	4							60	26	50	23	70	14	70	28	60	28		
3000 m.	40	2									60	17			50	9	70	23				
4000 m.	270	9																				
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 17th NOVEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 22 U.T. / " " Sunset 14 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 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	100	4	18	03	2	6	cs	22.0	23	17	69
SIDI BARRANI	130	5	15	02	0	3	cu,ci	22.7	22	17	74
MATRUH (A)	20	7	16	02	0	0	—	22.2	22	17	74
EL DAB'AA	20	6	18	00	0	0	—	21.1	23	15	61
ALEXANDRIA	160	10	20	01	0	0	—	21.1	23	15	61
ALEXANDRIA (A)	40	13	12	02	0	0	—	20.7	25	14	51
DAMIETTA	20	2	20	00	0	0	—	19.9	22	15	65
PORT SA'ID (A)											
EL 'ARISH											
DAMANHUR	40	2	10	02	0	0	—	20.8	24	12	47
MANSURA	00	0	01	01	0	0	—	19.8	26	14	48
TANTA	260	8	20	02	0	0	—	19.2	27	13	42
SHEBIN EL KOM	320	5	20	01	1	2	cu	19.1	24	6	32
ZAGAZIG	00	0	20	02	0	0	—	18.6	24	19	74
ISMA'ILIA	20	3	20	01	0	0	—	19.0	21	12	57
CAIRO (A)	60	12	16	02	0	2	cc	18.3	25	13	48
CAIRO ALMAZA (A)	30	8	15	01	0	2	ac	18.3	25	12	45
CAIRO EZBEKIYA											
GIZA	20	11	10	01	0	1	cc	18.0	24	14	54
HELWAN	20	11	10	02	1	2	cs	18.3	25	11	42
FAYOUM	360	6	20	01	1	3	cs	18.2	26	13	45
MINYA (A)	340	8	12	02	0	1	ci	16.9	28	11	35
ASYOUT (A)	290	6	16	02	0	0	—	16.5	26	13	45
NAG' HAMADI	00	0		00	0	0	—	15.6	27	17	55
QENA	270	2	20	00	0	0	—	15.1	27	13	42
LUXOR (A)											
ASWAN											
SIWA	50	4	16	02	0	0	—	21.2	26	14	48
BAHARIYA	40	4	20	02	0	1	ci	18.1	27	16	52
FARAFRA											
DAKHLA	340	14	13	03	0	4	ci	17.1	25	8	34
KHARGA	350	8	12	03	1	5	ci	13.9	28	6	25
SUEZ	310	11	50	00	0	4	cu	18.3	25	17	61
TOR											
HURGHADA											
QUSEIR	350	10	20	03	0	1	cc	15.8	25	19	70
PORT SUDAN	70	8	20	01	1	3	sc	12.3	31	24	66
WADI HALFA	50	8	20	02	0	0	—	11.5	32	9	24
ABU HAMAD	90	5	24	02	0	0	—	7.6	36	7	17
KAREIMA	160	2	21	02	0	0	—	6.8	34	13	29
ATBARA	130	3	20	02	0	0	—	6.0	37	10	19
KHARTOUM	350	5	20	02	0	1	ci	5.3	37	8	17
KASSALA	80	1	20	02	0	3	ci	3.3	39	14	23
WAD MEDANI	90	5	20	02	0	1	ci	4.3	37	8	17
RENK	310	5	20	02	0	2	cs		36	13	25
ROSEIRES	30	5	20	02	0	2	cu	2.4	38	17	29
EL OBEID	00	0	20	02	0	1	ci	5.3	34		
EL FASHER	20	7	30	03	0	2	ci	7.3	33	6	19
GENEINA	70	8	50	02	1	2	cs	8.5	32	12	30
MALAKAL	10	7	20	02	2	7	ch,cc	5.1	36	15	29
WAU	360	6	20	02	2	7	cu,cs		35	17	35
JUBA	50	4	24	02	2	7	cu,cs	3.4	36	9	19

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	Temperatures °C Dew Point	Temperatures °C Maximum Today	Temperatures °C Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	00	0	12	02	2	6	Sc,Ac	23.2	21	17	24	-1	78	0
SIDI BARRANI	20	11	12	01	0	1	cu	23.0	20	17	22		85	0
MATRUH (A)	20	8	13	03	0	1	Sc,cu	23.1	19	17	23		88	0
EL DAB'AA														
ALEXANDRIA	360	11	20	03	0	1	As	21.5	21	16	24	-1	74	0
ALEXANDRIA (A)	10	5	12	02	0	0	—	21.1	18	14	25	+1	78	0
DAMIETTA	10	2		02	0	0	—	20.3	20	15	23	-1	75	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	40	2	10	02	0	0	—	20.6	17	15	26		88	0
MANSURA	00	0		02	0	0	—	21.0	18	15	27	+1	83	0
TANTA	40	2	20	02	0	0	—	21.0	13					
SHEBIN EL KOM	340	2	10	01	1	1	cu	20.6	17	11	25		68	0
ZAGAZIG	00	0	10	02	0	0	—	19.6	21	14	26	0	65	0
ISMA'ILIA														
CAIRO (A)	70	10	12	02	0	0	—	20.4	19	16	26		83	0
CAIRO ALMAZA (A)											27	+1		0
CAIRO EZBEKIYA											25	0		
GIZA														
HELWAN	360	3	10	03	0	2	cu	19.7	19	16	26	+1	83	0
FAYOUM	360	4	20	02	1	3	cs	19.1	21	14	26	-1	65	0
MINYA (A)	360	9	7	02	0	0	—	17.8	19	12	28	+1	64	0
ASYOUT (A)	260	4	14	02	0	0	—	17.2	20	12	27	0	60	0
NAG' HAMADI	00	0		01	0	2	Ac	16.8	20	15	28	-1	73	0
QENA	270	2		00	0	0	—	15.5	21	12	30	0	57	0
LUXOR (A)														
ASWAN														
SIWA	00	0	14	02	0	0	—	21.3	18	9	27	+1	56	0
BAHARIYA	40	2	10	02	0	0	—	18.9	20	13	28	+2	64	0
FARAFRA	360	4	12	00	1	0		20.0	18	5	26		43	0
DAKHLA	280	5	5	02	2	0	—	17.9	21	4	27	-1	33	0
KHARGA	00	0	6	03	1	1	ci	15.1	18	9	29	0	56	0
SUEZ	310	10	10	01	0	0	—	20.0	18	16	26	0	88	0
TOR														
HURGHADA														
QUSEIR	340	6	20	03	0	2	ci	16.0	22	16	27	0	69	0
PORT SUDAN	360	8	20	02	1	5	Sc	11.3	29	23	32		70	0
WADI HALFA	30	8	20	03	0	0	—	13.2	26	9	32		35	0
ABU HAMAD	50	2	22	02	0	0	—	10.1	31	9	37		26	0
KAREIMA	330	2	21	02	0	0	—	10.3	29	10	35		31	0
ATBARA	00	0	20	02	0	0	—	8.7	29	12	38		35	0
KHARTOUM	360	6	16	05	0	1	ci	8.0	31	11	38		29	0
KASSALA	70	3	20	01	1	1	ci	8.4	30	10	40		29	0
WAD MEDANI														
RENK														
ROSEIRES														
EL OBEID	360	1	20	01	0	0	—	9.1	24	10	35		41	0
EL FASHER	50	6	20	03	2	7	cs	10.0	26	5	33		27	0
GENEINA	350	6	4	03	2	7	cs	11.5	23	3	34		27	0
MALAKAL	160	5	20	01	2	7	Ac,cs	8.3	29	20	36		59	0
WAU	00	0	20	02	2	7	cs	7.3	28	19	35		58	0
JUBA	00	0	24	02	1	5	Ac	7.3	21	20	37		94	0

At 0600 on SATURDAY 17th NOVEMBER, 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.	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	00	0	10	03	0	8	Sc,Ac	22.4	+5.0	18	14	16	+2	78	0	20	
	303	SIDI BARRANI	00	0	10	02	0	0	—	22.1		14	13	11		94	0	29	
	306	MATRUH (A)	00	0	16	02	0	0	—	22.2	+4.5	14	13	10		94	0	40	
	309	EL DAB'AA	20	4	10	00	0	0	—	21.7		21	16	12		74	0	18	
	319	ALEXANDRIA	40	9	20	01	0	0	—	22.0	+3.9	22	15	20	+3	65	0	8	23
	318	ALEXANDRIA (A)	40	4	12	02	0	0	—	21.5	+4.3	20	16	14	-1	78	0	9	20
	330	DAMIETTA	20	2	10	00	0	0	—	21.2	+4.3	21	16	17	+1	74	0	18	14
	333	PORT SA'ID (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	40	2	10	02	0	0	—	21.1	+3.1	17	15	13	-1	88	0	2	10
	342	MANSURA	00	0		00	0	0	—	21.9	+4.7	18	16	15	+1	83	0	dr	6
	348	TANTA	20	5	20	02	0	0	—	21.5	+3.5	15	15	9	-3	97	0	1	5
	360	SHEBIN EL KOM	340	2	10	01	1	1	cu	20.8	+3.0	15	11	13		77	0	0	
	354	ZAGAZIG	00	0	10	10	0	0	—	19.9	+3.2	13	13	9	-3	97	0	1	4
	441	ISMA'ILIA	00	0	10	05	4	0	—	21.1		20	14	12		69	0	0	
CAIRO AREA	366	CAIRO (A)	80	5	0.3	45	4	9	—	20.7		16	16	14		97	0	dr	
	372	CAIRO ALMAZA (A)	30	4	0.3	47	4	9	—	20.3	+2.9	16	15	14	0	94	0	0	
	374	CAIRO EZBEKIYA										16	14	14	0	88	0	dr	2
	375	GIZA	20	4	0.1	45	4	9	—	20.7	+3.1	16	16	14	+2	97	0	dr	4
	378	HELWAN	30	13	4	02	0	0	—	20.5	+2.5	18	15	16	+2	83	0	dr	2
UPPER EGYPT	381	FAYOUM	360	4	20	02	0	1	cu,Sc	20.0	+2.4	18	16	16	+3	88	0	0	0
	387	MINYA (A)	10	7	8	02	0	0		18.7	+1.1	17	14	14	+2	83	0	0	
	393	ASYOUT (A)	00	0	6	10	0	0	—	18.7	+1.1	15	13	12	-1	88	0	0	
	399	NAG' HAMADI	00	0		01	0	2	Ac	17.1	+0.7	17	11	11	-1	68	0	0	
	402	QENA	270	2	10	00	0	0	—	17.4	+1.0	17	13	12	-1	77	0	0	
	405	LUXOR (A)																	
	414	ASWAN																	
OASES	417	SIWA	00	0	16	02	0	0	—	21.4	+2.5	11	9	9	-1	88	0	0	0
	420	BAHARIYA	20	9	10	03	1	5	Ac	20.5	+2.1	15	15	13	+2	97	0	0	1
	423	FARAFRA	360	1	15	02	0	0	—	21.0		14	9	11		72	0	0	
	432	DAKHLA	290	4	14	02	0	0	—	19.6	+1.7	15	7	11	-1	89	0	0	
	435	KHARGA	00	0	10	02	0	0	—	15.9	-1.0	16	10	11	-2	68	0	0	
RED SEA	450	SUEZ	330	3	20	00	0	2	cu	20.0	+2.2	19	17	14	-1	88	0	0	4
	459	TOR																	2
	462	HURGHADA																	
	465	QUSEIR	320	10	20	01	0	0	—	16.5	+0.9	23	14	18	-2	57	0	0	2
	641	PORT SUDAN	320	6	20	01	2	2	Sc	14.9		28	24	25		79	0		
NORTH SUDAN	600	WADI HALFA	20	4	20	01	0	0	—	14.8		21	5	13		35	0		
	640	ABU HAMAD	90	5	24	02	0	0	—	13.0		25	17	21		61	0		
	660	KAREIMA	50	6	21	02	0	0	—	11.9		27	16	24		52	0		
	680	ATBARA																	
	721	KHARTOUM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK	270	2	20	02	0	1	Ac	11.5		26	18	20		62	0		
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU	00	0								26	20	21		70	0		
	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)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11		17-11	
TIME	14		14		14		14		11		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.	60	8	40	9	20	8	50	11	60	17	360	22	320	13	100	8	50	44	40	10	10	25
600 m.	70	10	80	10	50	13	40	16	40	18	360	24	10	8	70	18	50	45	60	19	20	18
1000 m.	80	8	60	9	50	12	30	17	40	23	10	28	20	12	70	17	50	42	60	13	40	16
1500 m.	30	10	40	10	50	12	40	13	50	22	10	22	80	19	110	22	60	32	50	13	40	18
2100 m.	60	4	30	9			20	15	40	22	20	28	70	28	90	15	70	30			120	11
2400 m.	40	4	320	2			10	17	30	21	20	26			70	8	60	38			80	14
3000 m.			140	2			10	17	330	10					40	10	70	48			80	32
4000 m.			260	12													70	18				
5000 m.			300	21																		
6000 m.			300	23																		

STATION	S.Barrani		Cairo (A)		Minya		Asyout		Siwa		Dakhla											
DATE	18-11		18-11		18-11		18-11		18-11		18-11											
TIME	2		5		2		2 30		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.	70	5	80	18	20	19	360	5	90	15	50	3										
600 m.	90	5	50	25	50	33	100	13	100	25	80	8										
1000 m.	140	5	40	20	60	33	110	10	100	23	80	11										
1500 m.	160	7			80	17	50	10	120	18												
2100 m.	240	7			40	13	40	10	110	20												
2400 m.	280	13			40	11			110	21												
3000 m.	290	15							110	20												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Bahariya		Farafra		Dakhla			
DATE	18-11		18-11		18-11		18-11		18-11		18-11		18-11		18-11		18-11		18-11			
TIME	8		8		8		8		6 30		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.	150	8	100	14	50	9	60	11	40	9	40	10	90	9	70	35	100	11	310	5		
600 m.	180	20	120	12	100	20	70	20	50	26	70	16	140	9	70	40	90	30	100	10		
1000 m.	150	15	120	9	100	10	50	27	40	22	80	26	150	9	80	43	100	24	110	11		
1500 m.	170	12	170	12	100	5	60	19	30	22	80	5	80	10	90	52	90	24	120	24		
2100 m.			200	11	350	7	50	17	30	16			80	11			90	20				
2400 m.			260	11	10	7	30	11	340	11			80	13			80	23				
3000 m.			290	6	280	8			340	11							60	7				
4000 m.					310	20																
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	17-11																			
TIME	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	26																		
1000 mb.	175	25		60	17															
950 mb.																				
900 mb.																				
850 mb	1583	19		50	22															
800 mb.																				
700 mb.	3215	9		330	10															
600 mb.																				
500 mb.	5901	-9																		
400 mb	7587	-23																		
300 mb.	9627	-39																		
200 mb.	12300	-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

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 18th NOVEMBER, 1956

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 km	
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 or at time of observation
21	Rain (" ")	not falling as shower (s) — during preceding hour or at time of observation
22	Snow	not falling as shower (s) — during preceding hour or at time of observation
23	Rain and snow	not falling as shower (s) — during preceding hour or at time of observation
24	Freezing drizzle or rain	not falling as shower (s) — during preceding hour or at time of observation
25	Shower (s) of rain	during preceding hour or at time of observation
26	" of snow, or of rain and snow	during preceding hour or at time of observation
27	" " hail, " " " " hail	during preceding hour or at time of observation
28	Fog	during preceding hour or at time of observation
29	Thunderstorm with or without precipitation	during preceding hour or 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	" " " " " "	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
92	Moderate or heavy rain	Thunderstorm during preceding hour
93	Slight snow *	Thunderstorm at time of observation
94	Moderate or heavy snow *	Thunderstorm 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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 22 U.T. / " " Sunset 14 58 U.T.

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

At 1200 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.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
62300	SALLOÛM	360	2	14	03	0	2	Ci	20.3	24	10	41
303	SÎDI BARRÂNI	30	6	18	02	0	0	—	20.0	22	16	69
306	MATRÛH (A)	30	4	16	02	0	0	—	20.5	24	15	58
309	EL DABA'A	20	4	20	00	0	0	—	20.9	23	16	65
319	ALEXANDRIA	360	12	20	02	0	0	—	20.6	22	15	65
318	ALEXANDRIA (A)	40	10	12	02	0	00	—	19.6	25	19	70
330	DAMIETTA	30	5	20	02	0	1	Ac	19.1	24	12	47
333	PORT SA'ID (A)											
336	EL 'ARISH											
339	DAMANHÛR	40	5	10	02	0	0	—	19.4	27	11	27
342	MANŞÛRA	40	3	4	02	0	0	—	19.4	28	10	33
348	ṬANṬA	40	7	20	02	0	0	—	19.6	27	11	27
360	SHEBÎN EL KÔM	320	5	20	01	1	1	Cu	18.7	26	7	30
354	ZAGAZIG	00	0	20	02	0	0	—	17.2	26	12	42
441	ISMA'ILÎA	20	5	20	01	0	0	—	18.6	25	10	39
366	CAIRO (A)	30	12	16	02	0	0	—	18.5	26	9	35
372	CAIRO ALMÁZA (A)	40	11	13	02	0	0	—	17.8	26	4	25
374	CAIRO EZBEKÎYA											
375	GIZA	30	10	10	02	0	0	—	18.6	23	16	65
378	ḤELWÂN	20	13	20	02	0	0	—	17.8	27	6	27
381	FAYOÛM	360	6	20	02	0	0	—	17.2	27	12	40
387	MINYA (A)	10	10	12	02	0	0	—	15.2	29	12	38
393	AŞYOÛT (A)	320	4	16	02	0	0	—	15.3	26	13	45
399	NAG' HAMÂDI	00	0	10	00	0	0	—	14.3	27	16	52
402	QENA	00	0	20	00	0	0	—	13.9	27	16	52
405	LUXOR (A)											
414	ASWÂN											
417	SÎWA	120	13	16	03	0	1	Cu	18.7	27	6	33
420	BAḤARÎYA	140	7	20	02	1	0	—	17.0	27	16	52
423	FARAFRA	20	8	20	02	0	0	—	17.4	25	5	28
432	DAKHLA	340	9	18	02	0	0	—	15.4	27	9	33
435	KHARGA	10	3	18	02	0	0	—	13.7	28	8	30
450	SUEZ	330	9	50	01	0	0	—	17.2	27	13	42
459	TÔR											
462	HURGHÂDA											
465	QUSEIR	340	12	20	03	0	0	—	14.8	27	16	52
641	PORT SÛDÂN	40	9	20	01	0	1	Sc	11.2	30	23	66
600	WÂDI ḤALFA	10	9	20	02	0	0	—	10.7	32	12	30
640	ABU ḤAMAD	50	9	22	02	0	0	—	8.0	36	16	20
660	KAREIMA	20	1	21	02	0	0	—	7.3	36	14	27
680	ʿATBARA	90	7	20	02	0	0	—	5.9	37	7	16
721	KHARTOÛM	40	5	20	02	0	0	—	4.9	38	12	21
730	KASSALA	200	1	20	02	0	0	—	3.1	39	15	24
751	WÂD MEDANI	360	5	20	02	0	1	Cu	3.8	38	7	15
801	RENK	310	5	20	02	0	2	CS	5.5	38	10	18
802	ROSEIRES	310	5	20	02	1	3	Cu	3.1	39	12	20
771	EL OBEID	50	8	20	02	2	6	CS	4.5	35	8	19
760	EL FASHER	360	6	12	02	2	7	CS	6.3	33	8	21
770	GENEINA	160	3	50	02	2	6	CS	7.2	33	3	15
840	MALAKÂL	10	5	20	03	2	7	Ch, Ac, Cc	4.5	35	16	32
880	WÂU	50	6	20	02	1	4	Cu	3.3	36	14	27
941	JUBA	50	4	24	03	0	3	Cu, Ci	2.1	37	13	24

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.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	00	0	12	02	2	5	Cs	20.7	21	16	24	0	74	0
303	SÎDI BARRÂNI	30	6	15	02	0	2	Ci	20.0	19	15	22		78	0
306	MATRÛH (A)	00	0	10	03	2	4	Ci	20.6	17	14	24		83	0
309	EL DABA'A	20	3		00	0	1	Ci	19.9	18	16	25		89	0
319	ALEXANDRIA	360	10	20	02	0	0	—	20.6	21	16	24	-1	74	0
318	ALEXANDRIA (A)	40	3	12	02	0	0	—	19.6	17	15	26	+2	88	0
330	DAMIETTA	20	2		00	0	0	—	19.4	20	17	24	0	83	0
333	PORT SA'ID (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	10	02	0	0	—	19.4	17	15	28	+2	88	0
342	MANŞÛRA	00	0		02	0	0	—	19.2	20	15	29	+3	88	0
348	ṬANṬA	360	5	20	02	0	0	—	19.8	18	13	28	+2	73	0
360	SHEBÎN EL KÔM	340	2	10	00	0	0	—	19.2	19	12	27		64	0
354	ZAGAZIG	00	0	10	02	0	0	—	18.5	23	10	27	+1	44	0
441	ISMA'ILÎA														
366	CAIRO (A)	90	9	12	02	0	0	—	19.0	19	6	27		43	0
372	CAIRO ALMÁZA (A)														
374	CAIRO EZBEKÎYA											28	+2		0
375	GIZA											27	+2		0
378	ḤELWÂN	40	16	10	02	0	0	—	18.8	22	3	27	+2	29	0
381	FAYOÛM	360	4	20	02	0	0	—	17.4	21	10	27	0	50	0
387	MINYA (A)	10	8	8	03	0	1	Ci	15.8	20	8	29	+2	46	0
393	AŞYOÛT (A)	360	4	12	02	0	0	—	14.7	21	12	28	+1	57	0
399	NAG' HAMÂDI	00	0		00	0	0	—	15.2	18	15	28	-1	83	0
402	QENA	270	2		00	0	0	—	14.0	22	11	30	0	50	0
405	LUXOR (A)														
414	ASWÂN														
417	SÎWA	00	0	14	02	0	5	Cs	18.6	20	5	28	+2	38	0
420	BAḤARÎYA	40	8	10	02	0	0	—	17.7	21	13	29	+3	61	0
423	FARAFRA	40	2	12	02	0	0	—	18.1	19	1	26		30	0
432	DAKHLA	270	4	5	02	0	0	—	16.3	21	7	29	+1	41	0
435	KHARGA	340	1	6	02	0	0	—	13.6	22	7	29	0	38	0
450	SUEZ	310	3	10	02	0	0	—	18.4	21	10	27	+1	50	0
459	TÔR														
462	HURGHÂDA														
465	QUSEIR	290	8	20	02	0	0	—	14.6	33	16	27	0	36	0
641	PORT SÛDÂN	10	2	20	03	0	4	Sc	13.4	30	23	31		66	0
600	WÂDI ḤALFA	20	4	20	02	0	0	—	12.2	26	10	34		37	0
640	ABU ḤAMAD	20	5	22	02	0	0	—	9.3	29	7	36		27	0
660	KAREIMA	20	4	21	02	0	0	—	8.9	31	11	37		29	0
680	ʿATBARA	360	6	20	02	0	0	—	7.8	30	9	38		27	0
721	KHARTOÛM	40	7	20	02	0	0	—	6.8	31	11	38		29	0
730	KASSALA	80	3	20	02	0	0	—	6.5	30	14	39		38	0
751	WÂD MEDANI														
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	40	2	20	01	1	4	Ac, Ci	7.6	26	10	37		37	0
760	EL FASHER	50	4	20	01	2	4	Ci	9.3	25	4	34		26	0
770	GENEINA	20	2	50	02	2	1	Ci	10.3	25	4	35		26	0
840	MALAKÂL	210	3	20	02	2	7	Ac, Cs	7.9	26	20	36		70	0
880	WÂU	20	1	20	01	1	0	—	6.7	29	19	37		55	0
941	JUBA														

At 0600 on Sunday 18th Nov. 1956

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	00	0	18	02	1	4	Ac	18.2	+0.8	17	15	17	+3	88	0	20	
303	SÎDI BARRÂNI	150	6	15	02	1	7	Ac	19.1		14	14	12		97	0	29	
306	MATRÛH (A)	00	0	5	02	2	5	Ac, Ci	18.8	+1.4	14	14	10		97	0	[illegible]	
309	EL DABA'A																[illegible]	
319	ALEXANDRIA	00	0	10	03	4	7	Ac, Cc	19.1	+1.0	19	17	18	+2	88	0	[illegible]	24
318	ALEXANDRIA (A)	00	0	0.2	44	4	7	Ac, Cc	19.1	+1.9	14	14	11	-4	97	0	[illegible]	21
330	DAMIETTA	320	2	3	10	0	3	Ac	18.7	+1.9	18	16	13	-2	88	0	18	15
333	PORT SA'ID (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	40	2	3	10	4	7	Ac, As	18.8	+0.7	16	14	12	-2	88	0	2	11
342	MANŞÛRA	00	0	0.5	47	4	9	—	19.1	+1.8	14	12	13	-1	88	0	dr	6
348	ṬANṬA	00	0	0.2	47	4	9	—	19.8	+1.7	14	14	10	-2	97	0	1	6
360	SHEBÎN EL KÔM	00	0	3	28	4	—	—	19.0	+1.2	14	12	12		88	0	0	
354	ZAGAZIG	00	0	10	10	0	0	—	18.2	+0.5	15	11	10	-2	77	0	0	4
441	ISMA'ILÎA																0	
366	CAIRO (A)	130	10	12	02	2	7	Sc, Cu, Ci	17.8		19	13	13		68	0	dr	
372	CAIRO ALMÁZA (A)															0	0	
374	CAIRO EZBEKÎYA										17	14	14	0	83	0	dr	2
375	GIZA	20	3	3	28	—	6	Cc	17.6	-0.1	16	15	13	+1	94	0	dr	4
378	ḤELWÂN	40	5	4	02	2	8	Cc	17.9	-0.2	21	1	15	+1	27	0	dr	2
381	FAYOÛM	20	4	20	02	1	3	Cc	17.8	+0.2	17	12	14	+1	72	0	0	0
387	MINYA (A)	340	4	10	01	0	1	Ci	16.7	-1.0	16	10	13	+1	68	0	0	
393	AŞYOÛT (A)	270	3	12	01	0	1	Ci	16.4	-1.2	16	9	12	-1	64	0	0	
399	NAG' HAMÂDI	00	0	4	01	0	1	Ac	15.6	-0.9	16	12	11	-1	77	0	0	
402	QENA	00	0	10	00	0	0	—	15.9	-0.6	18	6	12	-1	46	0	0	
405	LUXOR (A)																	
414	ASWÂN																	
417	SÎWA	00	0	16	02	1	6	Cs	17.2	-1.8	12	4	10	+1	59	0	0	0
420	BAḤARÎYA																0	1
423	FARAFRA	00	0	15	03	0	3	Ci	18.1		16	4	12		45	0	0	
432	DAKHLA	00	0	12	03	0	1	Ci	17.0	-1.0	12	8	8	-4	77	0	0	
435	KHARGA	360	1	10	03	0	1	Ci	13.6	-3.4	17	7	10	-2	52	0	0	
450	SUEZ	310	2	20	00	0	3	Cu	17.9	+1.1	19	9	13	-2	52	0	0	4
459	TÔR																	2
462	HURGHÂDA															0	0	
465	QUSEIR	320	9	20	03	0	1	Ci	15.2	-0.5	25	7	21	+2	32	0	0	2
641	PORT SÛDÂN	320	5	20	02	2	2	Sc	13.8		28	23	24		74	0		
600	WÂDI ḤALFA	20	3	20	02	0	0	—	13.7		20	4	18		35	0		
640	ABU ḤAMAD	50	5	24	02	0	0	—	11.8		26	17	21		58	0		
660	KAREIMA	40	6	21	02	0	0	—	11.0		25	14	25		51	0		
680	ʿATBARA	60	6	20	02	0	0	—	10.5		27	19	21		62	0		
721	KHARTOÛM	30	8	10	02	0	1		9.1		25	5	23		28	0		
730	KASSALA	160	6	20	02	0	0	—	7.5		30	14	21		38	0		
751	WÂD MEDANI																	
801	RENK	210	2	20	02	0	0	—	9.9		26	18	19		62	0		
802	ROSEIRES																	
771	EL OBEID	360	10	20	01	2	2	Ci	8.1		26	10	22		37	0		
760	EL FASHER	50	9	20	02	0	0	—	11.		26	15	17		51	1		
770	GENEINA	40	12	50	02	0	1	Cs	12.4		21	3	14		31	0		
840	MALAKÂL	10	5	20	01	1	2	Cs	8.1		26	20	21		70	0		
880	WÂU	00	0	20	02	0	2	Ci	7.5		23	18	20		74	0		
941	JUBA	130	1	24	01	1	1	Ci	7.7		28	19	20		58	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Alex.(A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla					
DATE	18-11		18-11		18-11		18-11		18-11		18-11		18-11		18-11		18-11					
TIME	14		14		15		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.	60	8	40	16	70	13	340	8	300	7	100	12	70	16	270	2	320	5				
600 m.	100	9	80	15	70	14	280	8	350	4	110	19	80	17	80	11	320	5				
1000 m.	120	14	100	11	70	14	330	3	80	6	100	17	90	15	140	12	240	4				
1500 m.	180	15			90	10	80	9	220	17	120	16	80	15	360	11	70	11				
2100 m.	210	12			70	10	90	20			110	13	90	27	100	12	80	23				
2400 m.	200	10			50	11	60	24			80	6	90	23	360	9						
3000 m.					40	12	90	28			110	4										
4000 m.					40	26	140	11			240	4										
5000 m.					30	27					280	23										
6000 m.					340	36																

STATION	Alex.(A)		Cairo (A)		Minya		Asyout		Siwa		Dakhla											
DATE	19-11		19-11		19-11		19-11		19-11		19-11											
TIME	4		5		2		2		2		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.	100	33	90	15	60	3	100	8	130	27	90	7										
600 m.	110	29	80	20	70	3	150	4	140	24	120	21										
1000 m.	100	23	90	23	80	4	160	12	130	29	120	25										
1500 m.			120	10	100	8	110	10	150	26												
2100 m.			70	5			100	12	160	17												
2400 m.			30	4			100	9	160	17												
3000 m.			140	5			100	12	170	23												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex.(A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	19-11		19-11		19-11		19-11		19-11		19-11		19-11		19-11		19-11		19-11		19-11	
TIME	8		8		8		8		6 45		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	19	150	31	120	30	180	15	110	5	100	7	140	12	160	17	130	12	120	6	110	7
600 m.	170	35	150	28	120	34	140	17	90	19	140	17	120	20	180	19	130	12	150	17	120	18
1000 m.	150	33	150	30	140	30	160	17	100	15	140	9	120	16	170	19	170	20	160	20	120	25
1500 m.					150	8	140	8			140	12	130	16	160	23	160	23	30	20		
2100 m.					160	10							120	15	170	21	140	26	50	17		
2400 m.					170	12							100	15	170	18	140	31	40	16		
3000 m.					140	16							110	10	180	19	170	23	50	27		
4000 m.					150	10							70	9	190	19	150	17				
5000 m.					290	12																
6000 m.					270	9																

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Helwan					Matruh														
DATE	18-11					19-11														
TIME	15					7														
	ALT. m.	TEMP. °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	112	22				25	19													
1000 mb.	174	27		70	13	150	20													
950 mb.																				
900 mb.																				
850 mb.	1585	18		90	10	1553	11													
800 mb.																				
700 mb.	3211	7		40	12	3171	6													
600 mb.																				
500 mb.	5883	-11		20	33	5828	-13													
400 mb.	7563	-22				7488	-26													
300 mb.						9576	-40													
200 mb.						12170	-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.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 19th NOVEMBER, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise, 06 ..... 23 ..... U.T.
" " Sunset, 14 ..... 07 ..... 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.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
62300 SALLOUM	40	3	22	02	0	1	Ac	16.6	23	14	57
303 SIDI BARRANI	60	9	15	02	0	1	Ac,Ac	17.4	22	18	78
306 MATRUH (A)	100	9	16	02	0	1	Sc,Ac	16.8	24	16	61
309 EL DAB'AA	70	5	20	00	0	1	Ci	16.9	23	16	65
319 ALEXANDRIA	260	11	20	01	1	3	Ac	17.5	23	16	65
318 ALEXANDRIA (A)	70	9	12	02	2	8	Ac,Cu	16.8	25	16	58
330 DAMIETTA	320	2	20	02	1	0	Ac	17.5	23	18	74
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHUR	40	2	10	01	1	3	Ac	17.0	26	14	42
342 MANSURA	00	0		03	1	3	Ac	17.1	28	14	35
348 TANTA	90	5	20	01	1	4	Cu	17.4	25	15	54
350 SHEBIN EL KOM	330	5	20	01	1	2	Ac	16.8	24	12	47
360 ZAGAZIG	00	0	20	03	1	3	Ac	17.3	25	15	54
354 ISMA'ILIA	20	2	20	03	1	5	Cu	16.0	28	7	27
366 CAIRO (A)	90	4	15	02	2	6	Cu	15.5	28	1	18
372 CAIRO ALMAZA (A)	30	10	12	02	1	5	Cu	15.1	28	-2	14
374 CAIRO EZBEKIYA											
375 GIZA	80	3	10	02	1	6	Cc	15.4	27	6	27
378 HELWAN	70	11	10	02	2	8	Ci	15.6	30	-4	11
381 FAYOUM	30	6	20	02	1	5	Cu	14.3	30	5	21
387 MINYA (A)	310	5	12	01	1	2	Ci	12.9	34	9	22
393 ASYOUT (A)	280	2	15	02	0	1	Ci	12.8	28	6	25
399 NAG' HAMADI	00	0		00	0	0	—	13.5	27	16	52
402 QENA	00	0	20	03	1	2	Ci	12.2	28	15	45
405 LUXOR (A)											
414 ASWAN											
417 SIWA	140	13	16	01	1	3	Ci	15.0	29	6	23
420 BAHARIYA	90	12	20	02	1	5	Ci	13.4	32	5	18
423 FARAFRA	140	1	20	02	0	2	Ci	14.7	28	2	19
432 DAKHLA	310	1	15	02	1	6	Ci	13.8	28	4	22
435 KHARGA	260	2	15	03	1	5	Ci	9.9	32	6	20
450 SUEZ	360	9	50	02	0	5	Cu	15.2	30	1	16
459 TOR											
462 HURGHADA											
465 QUSEIR	280	12	20	01	0	1	Ci	14.2	27	16	52
641 PORT SUDAN	30	9	20	01	0	1	Sc	16.2	29	24	62
600 WADI HALFA	350	8	20	02	0	0	—	9.0	31	7	22
640 ABU HAMAD	50	2	24	02	0	0	—	5.7	36	12	24
660 KAREIMA	50	3	31	02	0	0	—	6.1	35	12	25
680 ATBARA	30	7	20	02	0	0	—	4.7	37	4	13
721 KHARTOUM	50	12	20	02	0	0	—	3.9	36	9	19
730 KASSALA	120	3	30	02	0	0	—	2.3	38	3	11
751 WAD MEDANI	360	5	20	02	0	0	—	2.3	37	8	17
801 RENK	310	5	20	02	0	1	Cs	3.5	39	6	13
802 ROSEIRES	50	5	20	02	0	1	Cu	0.7	38	10	18
771 EL OBEID	40	10	20	02	0	0	—	2.1	36	7	17
760 EL FASHER	90	5	25	01	1	1	Ci	2.7	35	11	23
770 GENEINA	40	1	50	02	0	1	Cs	6.4	34	3	14
840 MALAKAL	270	3	20	03	0	3	Cu,Ac,Ci	2.7	37	17	31
880 WAU	360	5	20	02	0	2	Ac,Ci	1.8	36	14	27
941 JUBA	140	3	24	03	1	4	Cu	1.3	36	15	29

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.
62300 SALLOUM	360	7	12	02	1	5	Sc,Cu,Ac	16.3	21	18	23	-1	83	0
303 SIDI BARRANI	100	10	12	02	0	0	—	16.2	19	17	23		88	0
306 MATRUH (A)	150	5	14	02	0	0	—	16.9	16	15	25		94	0
309 EL DAB'AA	90	3		00	0	0	—	18.1	19	17	24		88	0
319 ALEXANDRIA	140	6	20	01	0	0	—	18.4	20	17	24	0	83	0
318 ALEXANDRIA (A)	70	7	12	02	1	0	—	17.9	17	15	26	+2	88	0
330 DAMIETTA	320	2		00	0	0	—	18.2	20	17	25	+2	83	0
333 PORT SA'ID (A)														
336 EL 'ARISH														
339 DAMANHUR	40	2		01	0	1	Ac	17.8	18	16	27	+2	88	0
342 MANSURA	00	0		00	0	0	—	17.1	19	16	29	+3	83	0
348 TANTA	90	3	20	02	0	0	—	18.6	17	15	27	+1	88	0
350 SHEBIN EL KOM	320	2	10	01	1	2	Sc	18.0	19	14	25		73	0
360 ZAGAZIG	00	0	10	01	1	0	—	17.9	19	14	27	+1	73	0
354 ISMA'ILIA														
366 CAIRO (A)	120	13	12	02	0	0	—	17.8	20	13	29		64	0
372 CAIRO ALMAZA (A)														
374 CAIRO EZBEKIYA											30	+4		0
375 GIZA											29	+4		0
378 HELWAN	40	16	6	02	0	0	—	17.6	22	6	30	+5	36	0
381 FAYOUM	20	4	20	01	1	2	Cc	16.3	22	9	30	+3	44	0
387 MINYA (A)	00	0	7	01	0	0	—	13.9	19	10	34	+7	56	0
393 ASYOUT (A)	00	0	10	02	0	0	—	14.4	22	2	30	+3	27	0
399 NAG' HAMADI	00	0		00	0	0	—	14.6	20	13	29	0	64	0
402 QENA	00	0		00	0	0	—	14.0	21	7	30	0	41	0
405 LUXOR (A)														
414 ASWAN														
417 SIWA	80	6	14	02	0	0	—	14.7	21	7	29	+3	41	0
420 BAHARIYA	40	7	10	02	1	0	—	15.1	24	10	32	+6	41	0
423 FARAFRA	00	0	12	02	1	0	—	16.0	19	4	28		37	0
432 DAKHLA	270	1	5	02	1	0	—	14.7	22	3	30	+2	29	0
435 KHARGA	00	0	6	01	1	1	Ci	12.2	22	9	33	+5	44	0
450 SUEZ	330	3	10	01	0	0	—	17.1	22	6	30	+4	36	0
459 TOR														
462 HURGHADA														
465 QUSEIR	280	4	20	02	0	1	Cs	14.5	21	7	28	+1	41	0
641 PORT SUDAN	00	0	30	03	0	4	Sc	12.7	27	23	30		79	0
600 WADI HALFA	10	3	20	02	0	1	Ci	11.1	24	9	33		38	0
640 ABU HAMAD	50	5	24	02	0	0	—	8.3	29	10	37		31	0
660 KAREIMA	360	4	21	02	0	0	—	8.1	31	8	36		24	0
680 ATBARA	00	0	30	02	0	0	—	7.4	29	7	39		25	0
721 KHARTOUM	10	8	20	02	0	0	—	6.0	31	9	40		26	0
730 KASSALA	360	4	20	01	0	0	—	6.4	29	10	40		31	0
751 WAD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID	30	6	20	03	0	2	Ci	5.8	28	4	37		22	0
760 EL FASHER	340	5	50	03	0	1	Ac	8.2	24	2	36		24	0
770 GENEINA														
840 MALAKAL	210	3	20	02	1	2	Ac,Cs	4.5	28	21	38		66	0
880 WAU	00	0	20	03	2	7	Cs	3.9	30	18	36		49	0
941 JUBA	00	0	24	13	6	4	Cu,Ac,Ci	5.0	25	19	38		70	dr

At 0600 on MONDAY 19th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	00	0	12	03	2	6	Sc,Cu	14.9	-2.5	16	14	14	+2	88	0	20	
303 SIDI BARRANI	130	10	10	03	4	3	Ci	15.3		16	13	14		82	0	29	
306 MATRUH (A)	150	12	16	01	2	3	Ci	16.2	-0.9	17	14	13		83	0	40	
309 EL DAB'AA	160	3	10	00	0	1	Ci	17.3		16	14	12		88	0	18	
319 ALEXANDRIA	140	10	20	03	0	5	Ci	18.6	+0.4	19	16	17	+1	83	0	6	26
318 ALEXANDRIA (A)	30	7	10	05	0	3	Ci	18.4	+1.2	17	16	13	-1	94	0	9	22
330 DAMIETTA	110	2	10	00	0	0	—	19.5	+2.6	21	19	16	+1	88	0	18	15
333 PORT SA'ID (A)																	
336 EL 'ARISH																	
339 DAMANHUR	90	2	10	01	4	6	Ci	18.0	-0.1	16	16	14	+1	97	0	2	11
342 MANSURA																dr	6
348 TANTA	90	5	20	01	1	1	Ci	19.6	+1.5	16	14	11	-1	88	0	1	6
350 SHEBIN EL KOM	320	2	10	01	1	1	Sc	19.0	+1.1	16	15	14		77	0	0	
360 ZAGAZIG	00	0	10	02	0	0	—	18.9	+1.1	17	9	12	0	60	0	0	4
354 ISMA'ILIA	60	2	20	01	1	4	Ci	19.4		18	8	13		52	0	0	
366 CAIRO (A)	130	11	16	03	0	2	Ci	17.5		23	6	15		34	0	dr	
372 CAIRO ALMAZA (A)	30	5	12	00	0	2	Ci	16.9	-0.6	23	4	15	+1	29	0	0	
374 CAIRO EZBEKIYA										19	12	14	0	64	0	dr	3
375 GIZA			8	02	—	0	—	18.2	+0.5	16	11	12	0	72	0	dr	4
378 HELWAN	00	0	3	05	4	1	Ci	17.5	-0.6	21	7	16	+2	41	0	dr	3
381 FAYOUM	00	0	20	02	0	0	—	17.8	+0.1	16	11	13	+1	72	0	0	0
387 MINYA (A)	00	0	8	03	0	1		16.9	-0.8	18	10	12	+1	60	0	0	
393 ASYOUT (A)	00	0	14	02	0	0	—	16.7	-1.0	18	6	14	+2	46	0	0	
399 NAG' HAMADI	00	0		00	0	0	—	17.0	+0.4	18	10	11	-1	60	0	0	
402 QENA	90	2	10	00	0	0	—	15.9	-0.7	21	4	14	+1	33	0	0	
405 LUXOR (A)																	
414 ASWAN																	
417 SIWA	120	4	14	03	1	4	Ci	15.4	-3.6	14	7	12	+3	63	0	0	0
420 BAHARIYA	00	0	18	02	1	5	Cs	16.4	-2.1	19	12	12	+1	64	0	0	1
423 FARAFRA	00	0	15	02	0	0	—	17.8		11	0	7		47	0	0	
432 DAKHLA	00	0	14	02	0	0	—	16.7	-1.4	14	-1	10	-2	36	0	0	
435 KHARGA	00	0	10	02	0	0	—	14.3	-2.8	19	2	13	+1	32	0	0	
450 SUEZ	330	2	20	00	0	0	—	18.2	+1.4	18	8	13	-2	52	0	0	4
459 TOR																	2
462 HURGHADA																0	
465 QUSEIR	320	14	20	01	0	0	—	16.1	+0.3	26	12	21	+2	42	0	0	2
641 PORT SUDAN	310	7	20	03	1	3	Sc	15.7		28	23	24		74	0		
600 WADI HALFA	00	0	20	02	0	0	—	14.1		21	7	16		41	0		
640 ABU HAMAD	50	5	22	02	0	0	—	13.3		24	16	24		61	0		
660 KAREIMA	40	11	21	02	0	0	—	11.7		24	9	21		38	0		
680 ATBARA	50	5	20	02	0	0	—	11.8		25	17	20		61	0		
721 KHARTOUM	30	6	18	05	0	0	—	9.9		26	13	20		45	0		
730 KASSALA	160	8	20	02	0	0	—	9.5		29	11	22		35	0		
751 WAD MEDANI	50	9	20	02	0	0	—	9.6		25	15	16		54	0		
801 RENK	310	2	20	02	0	0	—	10.4		24	12	18		47	0		
802 ROSEIRES	230	3	20	02	0	0	—	8.6		25	17			61	0		
771 EL OBEID	60	1	20	02	0	0	—	8.5		26	12	21		42	0		
760 EL FASHER	350	5	22	03	0	2	Ci	11.0		24	13	18		50	0		
770 GENEINA																	
840 MALAKAL	00	0	20	03	2	7	As	9.3		25	21	22		79	0		
880 WAU	00	0	20	01	1	2	Ci	7.9		25	21	21		79	0		
941 JUBA	180	3	24	02	1	3	Ci	8.9		27	19	20		62	dr		

RETARDS — DATE

(A) AERODROME

* 9 = Sky obscured by fog etc.

LIBRARY
DEC 19 1956
WEATHER BUREAU

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		Minya		Asyout		Siwa		Bahariya		Dakhla							
DATE	19-11		19-11		19-11		19-11		19-11		19-11		19-11		19-11							
TIME	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	10	200	17	110	18	280	3	160	7	160	6	180	13	130	10						
600 m.	210	20	200	23	140	23	200	7	160	8	190	10	180	12	130	13						
1000 m.	260	20	210	24	170	19	170	10	160	7	190	13	180	10	110	13						
1500 m.	200	20	180	23	170	22	140	12	130	14	200	12	160	10	120	11						
2100 m.	180	28	190	31	190	14	120	19	110	19	180	25	170	18								
2400 m.	190	40	190	31	190	10	140	16	120	19	180	20	170	21								
3000 m.					180	10	110	12	140	13	200	17										
4000 m.					200	15	150	7			230	20										
5000 m.					210	16	250	11														
6000 m					240	21	270	17														

STATION	Salloum		Alex. (A)		Minya		Asyout		Dakhla													
DATE	20-11		20-11		20-11		20-11		20-11													
TIME	2		4		2		2		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.	270	10	230	14	160	5	280	6	110	13												
600 m.	260	8	230	20	160	6	80	5	140	[illegible]												
1000 m.	270	10	240	22	160	9	280	5	130	27												
1500 m.	220	19	230	23	150	11																
2100 m	240	17	230	49																		
2400 m.	230	20	230	26																		
3000 m	240	16	240	22																		
4000 m																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Mafruk		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Dakhla		Hurghada	
DATE	20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11	
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.	330	4	310	6	280	8	270	15	200	12	140	6	160	10	130	15	220	12	110	7	90	9
600 m.	290	5	10	6	310	9	240	15	220	13	190	12	180	17	120	23	240	7	140	17	140	11
1000 m	260	7	10	5	310	9	240	17	210	17	220	16	190	24	120	25	220	10	140	24	140	20
1500 m.	240	14	340	13			250	20	200	15	200	19	170	18	110	18	230	10	150	20	150	23
2100 m			330	14			230	28	210	16	200	18	180	17	100	18	220	9	160	10		
2400 m.							230	30	220	16	210	19	180	23	100	15	240	16				
3000 m.							230	23	210	18	230	23	170	20			260	10				
4000 m							200	38									240	22				
5000 m							210	23														
6000 m.							190	30														

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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 20 NOVEMBER, 1956

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, [illegible]
51 „ „ „ [illegible]
52 „ „ „ [illegible]
53 „ „ „ [illegible]
54 „ „ [illegible]
55 „ „ [illegible]
56 „ , freezing, [illegible]
57 „ „ [illegible]
58 „ and rain, [illegible]
59 „ [illegible]
60 Rain, not freezing [illegible]
61 „ „ „ [illegible]
62 „ „ [illegible]
63 „ „ „ [illegible]
64 „ „ „ [illegible]
65 „ „ „ [illegible]
66 Rain, freezing [illegible]
67 „ [illegible]
68 „ or drizzle [illegible]
69 „ „ [illegible] heavy
70 Intermittent [illegible] slight
71 Continuous [illegible]
72 Intermittent „ [illegible] moderate
73 Continuous [illegible]
74 Intermittent „ [illegible]
75 Continuous „ [illegible]
76 Ice needles
77 Granular snow [illegible] or without fog
78 Isolated star [illegible]
79 Ice pellets
80 Rain shower (s), slight
81 „ „ [illegible]
82 „ „ [illegible]
83 Shower (s) of rain [illegible]
84 „ [illegible] moderate or heavy
85 Snow shower (s) slight
86 „ [illegible] moderate or heavy
87 Shower (s) of soft [illegible] rain slight
88 or rain and snow [illegible] moderate
89 Shower (s) of hail [illegible] slight
90 rain and snow [illegible] moderate
91 Slight rain [illegible]
92 Moderate or heavy [illegible] during preceding hour
93 Slight snow [illegible] at time of observation
94 Moderate or heavy snow [illegible] observation
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 „ [illegible] with hail — 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: ..... التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 24 U.T.; Sunset 14 57 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.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	200	10	22	02	2	6	cs	12.9	30	4	19
	303	SÎDI BARRÂNI	190	14	15	02	1	6	cs	13.0	30	8	25
	306	MATRÛH (A)	150	12	16	03	1	7	cs	14.6	29	6	23
	309	EL DAB'AA	130	10	20	00	0	1	ci	15.2	30	8	25
	319	ALEXANDRIA	90	15	28	01	1	3	cs	16.0	29	0	15
	318	ALEXANDRIA (A)	120	10	16	02	2	5	ci	16.1	30	14	38
	330	DAMIETTA	110	2	20	02	0	1	Ac	17.8	24	16	61
	333	PORT SAÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	2	10	01	1	2	ci	15.1	29	17	49
	342	MANSÛRA	90	5		03	1	5	ci	16.8	30	8	25
	348	TANTA	130	10	20	01	1	4		16.5	29	12	35
	360	SHEBÎN EL KÔM	40	5	20	01	1	1	ci	16.2	28	4	22
	354	ZAGAZ'G	00	0	20	02	0	0	—	16.6	31	12	31
	441	ISMA'ILIA	90	3	20	03	1	6	ci	16.6	32	6	20
Cairo Area	366	CAIRO (A)	90	12	16	01	2	4	ci	14.9	33	0	12
	372	CAIRO ALMÂZA (A)	70	8	18	02	2	5	ci	14.6	34	0	12
	374	CAIRO EZBEKÎYA											
	375	GIZA	60	5	10	03	0	4	CS	15.2	32	7	21
	378	HELWÂN	00	0	4	05	4	5	ci	15.4	32	9	24
Upper Egypt	381	FAYOÛM	00	0	20	02	0	0	—	15.2	34	5	16
	387	MINYA (A)	00	0	12	01	0	1	ci	14.7	32	11	28
	393	ASYOÛT (A)	40	3	16	02	0	0	—	14.1	32	6	20
	399	NAG' HAMÂDI	00	0	10	01	0	0	—	14.2	34	12	27
	402	QENA	00	0	20	00	0	0	—	14.3	31	12	31
	405	LUXOR (A)											
	414	ASWÂN											
Oases	417	SÎWA	180	10	16	02	1	6	cs	13.9	30	5	21
	420	BAHARIYA	180	2	10	02	1	0	—	14.1	33		
	423	FARAFRA	90	1	20	02	0	0	—	15.5	30	0	14
	432	DAKHLA	110	5	15	02	0	0	—	13.9	34	-2	16
	435	KHARGA	160	2	15	02	0	0	—	11.4	36	0	10
Red Sea	450	SUEZ	00	0	50	02	0	0	—	16.0	32	6	20
	459	TÔR											
	462	HURGHÂDA	50	1	22	02	0	1	Ci	15.6	29	16	46
	465	QUSEIR	350	10	20	03	0	1	cs	15.8	27	17	55
	641	PORT SÛDÂN	300	6	20	01	1	2	Sc	12.7	29	23	70
North Sudan	600	WÂDI HALFA	60	6	20	02	0	0	—	10.3	34	11	25
	640	ABU HAMAD	90	6	24	02	0	0	—	8.6	36	6	15
	660	KAREIMA	50	3	21	02	0	0	—	7.9	37	9	18
	680	ATBARA	90	7	20	02	0	0	—	6.8	37	2	11
	721	KHARTOÛM	90	14	20	02	0	0	—	4.9	39	-6	6
	730	KASSALA	130	6	20	02	0	0	—	4.8	37	6	14
Central Sudan	751	WÂD MEDANI	50	9	20	02	0	0	—	3.5	38	-7	6
	801	RENK	230	5	20	02	0	4	cu	6.3	37	15	27
	802	ROSEIRES	130	2	20	02	0	1	cu	2.5	38	10	18
	771	EL OBEID	50	14	20	03	0	3	Ac, ci	4.8	26	0	10
	760	EL FASHER	70	3	24	03	1	6	cu, ac	5.0	35	10	22
	770	GENEINA	70	4	50	02	0	1	Ac, ci	5.5	35	3	13
S. Sûdân	840	MALAKÂL	230	3	20	03	1	7	Ac, cs	4.7	36	19	37
	880	WÂU	90	9	20	03	2	7	cu, cs	3.3	35	17	35
	941	JUBA	50	3	24	02	1	3	cu	2.9	36	15	29

At 1800 on 19th

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	240	10	14	02	2	8	cs	13.6	23	3	30	+6	27	0
303	SÎDI BARRÂNI	180	10	12	02	1	4	Ac, ci	13.8	19	7	30		46	0
306	MATRÛH (A)	00	0	13	02	2	7	cs	15.4	18	9	30		56	0
309	EL DAB'AA	180	1		00	0	0	—	16.4	20	15	31		73	0
319	ALEXANDRIA	90	14	20	01	0	1	cs	17.0	21	12	29	+5	57	0
318	ALEXANDRIA (A)	80	9	12	01	2	6	ci	16.9	20	14	30	+6	69	0
330	DAMIETTA	110	2		02	0	0	—	17.5	21	18	24	+1	83	0
333	PORT SAÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	90	2		01	0	1	ci	16.7	20	13	30	+5	64	0
342	MANSÛRA	00	0		01	0	0	—	17.4	20	15	31	+5	73	0
348	TANTA	90	6	20	01	1	2	ci	17.5	19	14	30	+4	73	0
360	SHEBÎN EL KÔM	40	2	10	01	1	1	sc	17.1	21	12	29		57	0
354	ZAGAZ'G	00	0	10	02	0	0	—	16.6	20	15	31	+5	73	0
441	ISMA'ILIA														
366	CAIRO (A)	110	6	12	02	0	1	ci	16.3	24	2	34		24	0
372	CAIRO ALMÂZA (A)											34	+9		
374	CAIRO EZBEKÎYA											36	+11		0
375	GIZA											32	+7		0
378	HELWÂN	90	8	4	05	4	2	ci	15.9	26	0	34	+9	18	0
381	FAYOÛM	360	4	20	03	1	0	—	15.4	21	10	34	+8	50	0
387	MINYA (A)	00	0	8	02	0	0	—	15.9	20	8	34	+8	46	0
393	ASYOÛT (A)	00	0	10	02	0	0	—	15.8	24	3	36	+9	26	0
399	NAG' HAMÂDI	340	4		05	0	0	—	15.4	30	5	35	+7	21	0
402	QENA	00	0		00	0	0	—	15.5	22	6	33	+3	36	0
405	LUXOR (A)														
414	ASWÂN														
417	SÎWA	110	7	14	02	1	6	cu, cs	14.1	22	0	32	+6	23	0
420	BAHARIYA	00	0	10	02	1	2	ci	16.0	21	2	34	+8	29	0
423	FARAFRA	00	0	12	00	0	0	—	16.7	20	2	30		30	0
432	DAKHLA	00	0	5	02	0	0	—	15.2	25	-2	34	+6	17	0
435	KHARGA	00	0	6	02	0	0	—	12.8	23	2	36	+8	26	0
450	SUEZ	00	0	10	03	0	2	cu	16.4	25	8	33	+7	34	0
459	TÔR														
462	HURGHÂDA	00	0	10	02	0	0	—	16.1	19	13	30	+5	68	0
465	QUSEIR	300	8	20	01	0	0	—	16.4	23	17	28	+1	69	0
641	PORT SÛDÂN	00	0	20	02	0	1	Sc	13.3	28	23	30		74	0
600	WÂDI HALFA	30	9	20	02	0	0	—	12.0	28	8	35		29	0
640	ABU HAMAD	00	0	20	02	0	0	—	10.9	27	3	37		22	0
660	KAREIMA	20	5	21	02	0	0	—	10.0	31	4	37		18	0
680	ATBARA	80	5	20	02	0	0	—	9.1	30	1	38		16	0
721	KHARTOÛM	40	9	20	02	0	0	—	8.5	30	1	39		16	0
730	KASSALA	70	3	20	02	0	0	—	8.5	27	7	38		28	0
751	WÂD MEDANI											39			
801	RENK														
802	ROSEIRES														
771	EL OBEID	00	0	20	03	1	5	Ac, cs	8.1	23	9	37		41	0
760	EL FASHER	20	4	20	01	2	5	cs	8.3	27	9	36		33	0
770	GENEINA	60	4	50	01	0	0	—	8.5	25	7	36		32	0
840	MALAKÂL	280	4	20	02	2	6	Ac, cs	7.2	27	21	37		70	0
880	WÂU	00	0	20	02	2	7	cs	5.5	29	22	36		66	0
941	JUBA	00	0	24	03	1	4	cb, ci	5.9	25	19	37		70	0

At 0600 on TUESDAY 20th NOVEMBER, 1956

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.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	270	8	18	02	2	7	As, cs	16.3	-1.1	19	3	18	[illegible]	32	0	20	
303	SÎDI BARRÂNI	230	10	15	02	2	7	As, cs	16.2		16	6	14		52	0	29	
306	MATRÛH (A)	270	3	16	03	2	6	ci	17.0	-0.7	18	7	16		49	0	40	
309	EL DAB'AA	00	0	10	00	0	4	ci	16.9		21	10	13		50	0	18	
319	ALEXANDRIA	180	6	20	03	0	5	As	17.6	-0.6	20	11	17	+1	56	0	6	28
318	ALEXANDRIA (A)	240	3	12	02	2	6	ci	16.8	-0.5	16	14	12	-2	88	0	9	23
330	DAMIETTA	160	2	10	03	1	4	ci	17.6	+0.7	21	16	17	+2	74	0	18	16
333	PORT SAÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	130	2	10	03	0	3	ci	16.8	-1.4	18	13	12	-1	73	0	2	12
342	MANSÛRA	00	0		03	1	4	As	17.2	-0.2	19	10	13	-1	56	0	dr	7
348	TANTA	160	2	20	01	1	2	ci	17.3	-0.9	18	8	11	-1	52	0	1	6
360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	17.5	-0.4	17	9	15		60	0	0	
354	ZAGAZ'G	00	0	10	01	1	3	As	17.9	+0.1	18	13	13	+1	73	0	0	4
441	ISMA'ILIA	140	1	20	01	1	0	—	17.5		19	12	15		64	0	0	
366	CAIRO (A)	190	11	16	02	2	1	ci	17.3		26	-2	18		16	0	dr	
372	CAIRO ALMÂZA (A)	160	12	15	00	0	2	cs	17.3	-0.2	27	-1	19	+5	16	0	0	
374	CAIRO EZBEKÎYA										21	7	16	+2	41	0	dr	3
375	GIZA	170	3	10	02	—	2	ci	17.9	+0.1	20	8	12	+1	46	0	dr	4
378	HELWÂN	00	0	4	05	4	2	ci	17.8	-0.4	24	1	22	+8	22	0	dr	3
381	FAYOÛM	00	0	20	02	1	3	cc	17.8	+0.9	16	8	13	+1	59	0	0	0
387	MINYA (A)	00	0	10	01	0	1	ci	18.0	+0.2	16	10	11	0	68	0	0	
393	ASYOÛT (A)	00	0	14	03	0	1	ci	17.1	-0.7	18	1	15	+3	32	0	0	
399	NAG' HAMÂDI	00	0		01	0	2	Ac	18.0	+1.4	22	9	12	+1	44	0	0	
402	QENA	00	0	10	03	1	1	ci	18.3	+1.5	18	6	12	-1	46	0	0	
405	LUXOR (A)																	
414	ASWÂN																	
417	SÎWA	00	0	16	02	1	3	ci	16.3	-2.7	12	1	11	+2	47	0	0	1
420	BAHARIYA	00	0	10	02	0	2	ci	18.1	-0.5	19	3	11	0	35	0	0	1
423	FARAFRA	00	0	15	02	0	0		18.5		13	-2	9		36	0	0	
432	DAKHLA	290	2	14	03	0	1	ci	16.7	-1.5	13	-7	9	-2	24	0	0	
435	KHARGA	00	0	10	03	0	1	cc	15.0	-2.2	20	7	13	+1	43	0	0	
450	SUEZ	00	0	20	00	0	5	cu	17.6	+0.7	19	12	15	0	64	0	0	4
459	TÔR																	3
462	HURGHÂDA	00	0	20	03	0	2		17.9	+2.4	22	9	14	-1	44	0	0	
465	QUSEIR	300	6	20	03	0	2	As, cs	18.4	+2.5	24	6	19	0	32	0	0	2
641	PORT SÛDÂN	320	8	20	01	1	2	Sc	17.3		27	23	24		79	0		
600	WÂDI HALFA																	
640	ABU HAMAD	70	9	24	01	2	0	—	14.3		25	13	20		48	0		
660	KAREIMA	60	6	21	02	0	0	—	13.3		25	15	22		54	0		
680	ATBARA																	
721	KHARTOÛM	20	8	20	02	0	0	—	11.7		25	12	21		45	0		
730	KASSALA	140	13	10	07	0	0	—	9.7		29	11	20		33	0		
751	WÂD MEDANI	50	9	20	02	0	1	ci	9.8		25	15	18		54	0		
801	RENK	50	2	20	02	0	2	Ac	11.5		26	15	17		51	0		
802	ROSEIRES																	
771	EL OBEID	110	2	20	02	0	2	ci	10.2		26	2	13		21	0		
760	EL FASHER	220	2	24	03	1	2	ci	12.9		21	9	17		47	0		
770	GENEINA	50	6	50	03	0	1	ci	14.1		19	6	14		43	0		
840	MALAKÂL	40	6	20	02	1	2	Ac, cs	10.4		26	20	21		70	0		
880	WÂU	00	0	20	02	2	7	ci	6.5		25	20	21		74	0		
941	JUBA	180	2	24	02	2	7	Ac, cs	9.6		26	20	18		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)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla	
DATE	20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11		20-11	
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.	360	12	360	12	340	5	320	16	230	6	190	8	140	9	40	5	10	8	60	4	50	3
600 m.	360	1	360	7	240	3	280	11	230	5	180	16	160	10	30	4	10	10	330	4	80	5
1000 m.	50	5	200	4	280	9	280	9	250	5	180	11	180	12	240	3	20	10	270	2	170	8
1500 m.	20	10	290	6	220	17	240	16	230	14	160	8	210	14			80	9	110	4	170	12
2100 m.	340	8	360	11			240	26	220	20	180	10	150	7	220	9	60	5	100	5		
2400 m.	350	6	360	14	250	11	280	33	220	20	160	6	130	13	240	12	80	6				
3000 m.			20	9	250	15	230	18	220	17	140	14	160	10	230	15						
4000 m.					240	21	240	31	250	25			270	14	260	29						
5000 m.					240	30	260	17	270	28			280	18								
6000 m.					260	30	240	37	260	40			260	20								

STATION	Hurghada				Salloum		Minya		Asyout		Siwa		Dakhla						Bahariya		Hurghada	
DATE	20-11				21-11		21-11		21-11		21-11		21-11						21-11		21-11	
TIME	14				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.	140	8			40	10	120	6	110	10	90	12	80	8					130	12	340	5
600 m.	150	10			40	10	130	9	140	13	100	17	110	15					140	17	100	5
1000 m.	160	11			60	13	140	13	150	7	90	12	110	19					130	16	80	9
1500 m.	140	16					120	14	120	11	140	6							150	12	140	11
2100 m.	140	17					130	17	160	7	250	8							140	12	170	7
2400 m.	150	18							200	10	220	9									230	5
3000 m.									220	6	240	17									210	4
4000 m.											250	19										
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Matruh		Alex. (A)		Cairo		Helwan		Minya		Asyout		Siwa		Farafra		Dakhla	
DATE	21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11	
TIME	8		8		8		8		8		6		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.	100	12	100	10	80	9	80	8	30	7	150	3	170	7	130	6	100	20	100	6	80	4
600 m.	110	16	140	12	110	11	100	7	80	8	80	4	170	6	190	9	110	16	140	12	120	13
1000 m.	130	16	90	8	150	13	170	6	120	4	90	6	150	4	170	9	140	11	130	8	110	10
1500 m.	180	10	140	9	170	8	200	10	160	8	160	6			170	12	160	10	190	11	120	16
2100 m.	150	21							220	13	90	7			150	12	220	8	190	17	140	17
2400 m.	120	14							240	25	240	20			170	10	220	12	200	11		
3000 m.									240	10	270	10					250	15	190	10		
4000 m.									250	20	250	22							260	11		
5000 m.									260	33												
6000 m.									260	40												

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	20-11					20-11														
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	70	31				25	22													
1000 mb.	159	30		240	5	160	22													
950 mb.																				
900 mb.																				
850 mb.	1577	19		230	14	1557	16													
800 mb.																				
700 mb.	3199	6		220	17	3175	7		250	15										
600 mb.																				
500 mb.	5876	-10		260	38	5847	-11		250	35										
400 mb.	7562	-22		270	53	7520	-23		250	60										
300 mb.	9611	-38		280	60	9569	-38		250	56										
200 mb.	12270	-61				12230	-60		250	63										

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 WEDNESDAY 21st NOVEMBER 1956

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: _____ التنبؤات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 25 U.T.
" " Sunset 14 57 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 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 %
Mediterranean	62300	SALLOUM	360	10	22	02	2	7	As,cs	17.3	23	15	61
	303	SIDI BARRANI	310	9	15	02	2	7	Ac,cs	17.0	22	18	78
	306	MATRUH (A)	350	6	16	03	2	8	cs	17.3	25	17	61
	309	EL DAB'AA	340	3	20	00	0	6	cs	17.1	20	15	73
	319	ALEXANDRIA	260	7	20	03	1	7	As,cs	17.4	25	13	48
	318	ALEXANDRIA (A)	300	7	12	03	2	8	cs	17.1	27	10	35
	330	DAMIETTA	200	2	20	02	1	4	Ac	17.2	30	11	31
	333	PORT SA'ID (A)											
	333	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	5	10	02	1	6	ci	16.8	30	8	25
	342	MANSURA	220	3		03	1	6	As	17.4	30	13	35
	348	TANTA	220	2	20	03	2	6	ci	17.8	29	12	35
	360	SHEBIN EL KOM	40	5	20	01	1	3	Cu	16.7	31	3	17
	354	ZAGAZIG	00	0	20	03	1	7	Cu	16.9	34	19	41
	441	ISMA'ILIA	160	1	20	03	2	8	ci	17.0	33	18	24
Cairo Area	366	CAIRO (A)	240	9	16	02	2	6	cs	16.9	32	-6	8
	372	CAIRO ALMAZA (A)	190	10	15	02	2	7	cs	17.4	32	-1	12
	374	CAIRO EZBEKIYA											
	375	GIZA	180	4	10	03	1	7	cs	17.5	30	8	35
	378	HELWAN	00	0	4	05	4	8	ci	17.4	32	2	15
Upper Egypt	381	FAYOUM	240	4	20	02	2	6	ac	17.2	30	7	24
	387	MINYA (A)	00	0	12	02	0	1	cs	16.5	34	10	23
	393	ASYOUT (A)	130	8	16	02	0	1	ci	15.8	35	-9	6
	399	NAG' HAMADI	00	0	10	01	0	1	Ac,cs	15.6	35	8	19
	402	QENA	00	0	20	00	0	0	—	15.8	30	15	40
	405	LUXOR (A)											
	414	ASWAN											
Oases	417	SIWA	40	3	16	02	2	7	cs	16.4	30	5	21
	420	BAHARIYA	00	0	20	02	1	5	ci	15.2	35	7	18
	423	FARAFRA	80	1	20	03	0	3	ci	16.4	31	2	16
	432	DAKHLA	90	5	15	01	0	1	ci	15.0	33	4	16
	435	KHARGA	00	0	15	02	0	0	—	13.5	36	6	15
Red Sea	450	SUEZ	00	0	50	03	0	6	Cu	17.0	27	13	42
	459	TOR											
	462	HURGHADA	70	4	20	01	0	1	ci	17.0	29	19	55
	465	QUSEIR	30	7	20	02	0	2	cs	17.6	27	21	70
	641	PORT SUDAN	30	7	20	01	8	4	Sc,Ac	14.5	29	24	74
North Sudan	600	WADI HALFA	140	7	20	02	0	0	—	11.6	36	6	15
	640	ABU HAMAD	90	5	22	02	0	0	—	9.6	35	9	20
	660	KAREIMA	30	5	21	02	0	0	—	9.1	34	12	27
	680	ATBARA	100	9	20	02	0	0	—	7.7	35	7	18
	721	KHARTOUM	80	13	20	02	0	0	—	6.9	35	5	15
	780	KASSALA	70	2	20	02	0	0	—	5.3	37	13	24
Central Sudan	751	WAD MEDANI	50	9	20	02	0	0	—	4.8	36	2	12
	801	RENK	230	2	20	02	0	2	Ac	2.3	38	10	18
	802	ROSEIRES	230	5	20	02	1	1	Ac	3.3	38	12	21
	771	EL OBEID	40	14	20	03	0	1	Ac	5.6	34	5	
	760	EL FASHER	70	10	25	03	0	2	ci	6.9	35	-2	9
	770	GENEINA											
S. Sudan	840	MALAKAL	360	7	20	02	1	3	Cu,cs	5.5	26	17	33
	880	WAU	150	7	20	02	2	7	Cu,cs	3.7	26	17	33
	941	JUBA											

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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	00	0	12	01	2	5	Sc,Cu	19.1	20	17	25	+1	83	0
SIDI BARRANI	20	3	12	03	1	1	Ac,As	18.6	20	18	26		88	0
MATRUH (A)	20	3	13	01	0	2	cs	19.3	18	17	28		94	0
EL DAB'AA	00	0		00	0	4	ci	19.1	18	16	27		88	0
ALEXANDRIA	360	6	20	01	1	4	ci	19.1	21	18	25	+1	83	0
ALEXANDRIA (A)	20	1	12	02	2	5	ci	18.5	17	15	28	+4	88	0
DAMIETTA	200	5		03	1	5	Ac	18.4	22	15	30	+7	65	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	40	2		01	1	1	ci	18.5	19	14	31	+6	73	0
MANSURA	00	0		00	0	0	—	19.1	20	13	31	+6	64	0
TANTA	00	0	20	03	2	7	As	19.0	18	13	31	+6	73	0
SHEBIN EL KOM	40	2	10	01	1	2	Sc	18.6	21	14	32		65	0
ZAGAZIG	00	0	10	01	1	0	—	16.9	24	14	34	+9	54	0
ISMA'ILIA														
CAIRO (A)	130	6	12	03	1	6	cs	18.5	23	7	33		36	0
CAIRO ALMAZA (A)	—	—	—	—	—	—	ci							
CAIRO EZBEKIYA											34	+9		0
GIZA											32	+7		0
HELWAN	00	0	4	02	2	5	ci	18.0	24	0	33	+9	21	0
FAYOUM	240	4	20	01	1	4	ac	17.4	19	13	30	+4	68	0
MINYA (A)	00	0	8	02	0	1	ci	17.1	20	11	35	+9	56	0
ASYOUT (A)	00	0	12	01	0	0	—	16.7	24	6	35	+9	32	0
NAG' HAMADI	00	0		00	0	0	—	16.2	20	13	36	+8	64	0
QENA	00	0		00	0	0	—	16.7	21	10	32	+3	50	0
LUXOR (A)														
ASWAN														
SIWA	00	0	14	02	2	3	ci	17.4	19	4	33	+8	37	0
BAHARIYA														
FARAFRA	00	0	12	01	1	4	ci	17.8	22	4	33		31	0
DAKHLA	00	0	5	01	1	1	Cu	16.3	24	3	34	+7	26	0
KHARGA	00	0	6	03	0	1	ci	14.0	20	3	36	+8	46	0
SUEZ	00	0	10	01	0	3	Cu	17.6	24	9	28	+2	38	0
TOR														
HURGHADA														
QUSEIR	200	6	20	01	0	0	—	17.8	22	14	28	+1	61	0
PORT SUDAN	90	3	20	01	8	3	Sc	15.9	29	24	31		74	0
WADI HALFA	70	5	20	02	0	0	—	13.8	27	4	37		23	0
ABU HAMAD	70	5	22	02	0	0	—	11.3	29	8	35		27	0
KAREIMA	360	1	21	02	0	0	—	10.7	29	9	39		29	0
ATBARA	80	16	10	07	0	0	—	9.9	30	8	36		25	0
KHARTOUM	360	1	20	02	0	0	—	8.5	29	8	36		27	0
KASSALA	120	6	20	02	0	0	—	7.5	31	14	38		36	0
WAD MEDANI														
RENK											38			
ROSEIRES											38			
EL OBEID	00	0	20	01	0	0	—	10.0	22	8	35		41	0
EL FASHER	20	5	20	02	0	2	ci	10.2	25	1	36		21	0
GENEINA	50	4	50	02	0	0	—	9.9	26	5	36		27	0
MALAKAL	200	1	20	02	2	7	Ac,cs	7.7	27	21	36		70	0
WAU	00	0	20	01	2	3	cs	6.2	29	20	36		59	0
JUBA	00	0	24	01	2	3	ci	4.3	25	17	36		61	0

At 0600 on WEDNESDAY 21st NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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 Total To Oct. 31st
SALLOUM	00	0	18	01	2	7	As,cs	19.2	+1.8	19	17	18	+4	88	0	20	
SIDI BARRANI	160	5	14	02	2	6	Sc,cs	19.0		16	15	14		94	0	29	
MATRUH (A)	00	0	0.8	10	2	5	Sc,ci	20.0	+2.3	13	13	10		97	0	40	
EL DAB'AA	00	0	10	00	0	2		19.8		16	15	12		94	0	18	
ALEXANDRIA	360	9	20	01	1	3	As,cs	19.9	+1.7	22	19	18	+2	83	0	6	29
ALEXANDRIA (A)	20	1	12	02	4	3	ci	19.4	+2.1	19	17	10	-4	88	0	9	24
DAMIETTA	40	2	0.2	12	4	0	—	19.5	+2.5	19	19	15	0	97	0	18	16
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	90	2	1	12	1	9	—	19.1	+0.9	15	15	13	0	97	0	2	12
MANSURA	—	—	0.5	47	4	—		19.9	+2.5	17	17	14	0	97	0	40	7
TANTA	00	0	0.2	47	4	8	As	19.3	+1.1	15	13	11	-1	88	0	1	6
SHEBIN EL KOM	40	2	2	28	4	—	—	19.4	+1.4	15	11	13		77	0	0	
ZAGAZIG	00	0	10	10	0	0	—	19.0	+1.1	14	13	11	-1	94	0	0	4
ISMA'ILIA																0	
CAIRO (A)	00	0	12	02	0	1	ci	19.0		18	8	14		52	0	40	
CAIRO ALMAZA (A)	00	0	15	00	0	1	ci	18.9	+1.3	19	9	14	0	52	0	0	
CAIRO EZBEKIYA										18	10	15	+2	60	0	40	3
GIZA	10	3	8	03	—	0	—	19.1	+1.3	15	2	12	+1	42	0	40	5
HELWAN	00	0	4	02	0	1	ci	19.2	+0.9	27	7	15	+1	52	0	40	3
FAYOUM	00	0	20	02	0	1	ci	19.5	+1.6	15	9	12	0	68	0	0	0
MINYA (A)	00	0	10	02	0	2	ci	18.6	+0.7	16	10	12	+1	68	0	0	
ASYOUT (A)	120	3	12	01	1	4	ci	18.5	+0.7	20	0	15	+3	26	0	0	
NAG' HAMADI	00	0	4	01	0	3	Ac,ci	18.2	+1.5	19	12	12	+1	64	0	0	
QENA	00	0	10	00	0	0	—	18.8	+1.9	19	9	13	0	52	0	0	
LUXOR (A)	00	0	22	03	0	1	ci	18.6	+2.2	20	7	12		43	0	0	
ASWAN																	
SIWA	00	0	15	01	1	3	ci	18.0	-1.1	12	2	10	+1	51	0	0	1
BAHARIYA																0	1
FARAFRA	00	0	15	02	0	0		19.5		16	2	9		30	0	0	
DAKHLA	00	0	14	01	1	2	ci	18.7	+0.4	15	1	12	+1	39	0	0	
KHARGA	00	0	10	02	1	2	ci	16.0	-1.3	19	6	13	+1	43	0	0	
SUEZ	00	0	20	00	0	2	Cu	19.1	+2.2	17	7	11	-4	52	0	0	4
TOR																	3
HURGHADA	310	2	20	02	0	2	ci	18.2	+2.7	21	14	13	-2	65	0	0	
QUSEIR	290	6	20	03	0	6	As,cs	18.2	+2.2	24	12	19	0	47	0	0	2
PORT SUDAN	90	10	20	80	1	7	Sc	16.9		28	23	25		74	1		
WADI HALFA																	
ABU HAMAD	50	5	24	02	0	0	—	14.2		25	13	21		48	0		
KAREIMA	40	7	21	02	0	0	—	13.3		25	16	24		58	0		
ATBARA	60	9	20	02	0	0	—	12.5		25	11	19		42	0		
KHARTOUM	20	13	20	02	0	0	—	11.5		24	11	21		44	0		
KASSALA	140	12	15	07	0	0	—	9.4		29	11	23		33	0		
WAD MEDANI																	
RENK	360	5	20	02	0	0		11.9		24	9	16		38	0		
ROSEIRES	230	2	20	02	0	2	Sc,Ac,cs	10.3		24	14	17		64	0		
EL OBEID	360	2	20	03	0	4	ci	11.8		23	5	15		32	0		
EL FASHER	360	9	20	02	2	7	cs	13.7		21	1	17		27	0		
GENEINA	50	8	20	02	2	5	cs	15.1		21	-1	13		23	0		
MALAKAL	10	4	20	02	0	2	cs	10.4		27	19	21		62	0		
WAU	00	0	20	02	2	7	cs	9.7		25	21	22		79	0		
JUBA	230	2	16	04	2	7	Ac,cs	10.2		25	18	18		65	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11		21-11	
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.	90	15	90	10	80	11	60	8	130	15	120	9	100	8	150	10	80	4	80	6	110	3
600 m.	50	14	120	9	70	5	50	7	130	13	170	10	140	11	150	6	100	15	110	6	110	3
1000 m	170	9	140	9	40	2	70	5	140	14	190	10	180	11	170	6	80	4	120	6	110	5
1500	100	10	200	8	240	7	210	8	140	30	210	7	180	10			170	7			20	5
2100 m.	220	13	230	13	280	10	240	14			150	11	200	12			230	8			20	8
2400	220	13	240	13			250	15			190	4	220	18			200	10			330	3
3000 m.	260	16	280	20			260	11			280	4	210	10			260	4			300	7
4000 m.			250	25			270	29			280	11	250	32								
5000 m.			250	40			270	38														
6000 m.			250	52			270	31														

STATION	Salloum		S.Barrani		Minya		Asyout		Siwa		Dakhla											
DATE	22-11		22-11		22-11		22-11		22-11		22-11											
TIME	2		2		2		2		2		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.	130	7	120	17	10	13	80	6	150	12	00	0										
600 m.	170	5	160	6	20	15	40	5	180	13	130	21										
1000 m.	170	9	190	5	330	11	60	7	200	14	120	13										
1500 m.	180	2	220	4	330	9	140	5	210	7												
2100 m.	240	7	220	10					240	11												
2400 m.	240	15	220	14					240	22												
3000 m.	240	23	240	17																		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11	
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.	90	5	90	15	110	12	60	10	200	3	100	4	170	9	180	8	140	9	120	8	330	3
600 m.	120	4	130	6	120	9	100	6	140	3	80	6	200	10	180	8	150	9	110	12	90	3
1000 m.	110	9	150	7	170	6	80	7	140	5	100	7	220	10	190	7	150	10	130	13	90	3
1500 m.	150	13	140	6			290	5	210	9	160	6	220	5	180	9	180	13	130	13	170	8
2100 m.			190	11					260	8	300	2	260	10	200	11	190	10	140	30	190	6
2400 m.			220	15					30	6	90	2	260	15	200	16	250	3			330	3
3000 m.			260	13					310	6	20	9	260	20	220	14					340	15
4000 m.											260	10										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	21-11					21-11														
TIME	14,30					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	28				25	20													
1000 mb.	157	27		40	8	57	19		70	10										
950 mb.																				
900 mb.																				
850 mb.	1570	18		210	8	1550	15		200	8										
800 mb.																				
700 mb.	3194	7		260	11	3171	6		280	20										
600 mb.																				
500 mb.	5881	-10		270	34	5833	-12		250	40										
400 mb.	7567	-22		270	50	7506	-24		250	72										
300 mb.	9612	-38		270	56	9534	-41		250	66										
200 mb.	12260	-58				12280	-61		250	70										

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 22ND NOVEMBER, 1956

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	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	" 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 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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 06 26 U.T. / " " Sunset 14 56 U.T.

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

At 1200 on 21st

Station	Wind Direction Deg.	Wind Velocity in 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	70	6	22	02	2	7	Cu, Ac	17.2	22	17	74
303 SIDI BARRANI	80	13	18	02	1	4	Ac	16.9	22	19	83
306 MATRUH (A)	90	3	16	02	1	5	Sc, Cu, Ci	17.9	24	17	65
309 EL DAB'AA	70	5	20	00	0	2	Ci	17.9	23	18	74
319 ALEXANDRIA	360	12	20	03	0	4	Cs	18.0	22	19	83
318 ALEXANDRIA (A)	20	10	16	03	1	5	Ci	17.8	27	18	58
330 DAMIETTA	40	2	20	00	0	0	—	17.6	23	18	74
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHUR	40	2	10	01	4	3	Ci	17.2	27	16	52
342 MANSURA	40	2		03	1	4	Ci	17.9	30	11	21
348 TANTA	90	6	20	03	2	7	Ci	16.8	28	13	40
360 SHEBIN EL KOM	20	5	20	01	1	2	As	16.6	28	10	33
354 ZAGAZIG	00	0	20	02	0	0	—	18.9	28	20	62
441 ISMA'ILIA	20	2	20	03	2	7	Ci	16.5	31	10	28
366 CAIRO (A)	70	5	16	02	0	3	Ci	16.4	30	-2	17
372 CAIRO ALMAZA (A)	290	6	15	03	0	6	Ci	16.0	30	8	25
374 CAIRO EZBEKIYA											
375 GIZA	70	4	10	02	0	4	Cu	16.7	28	13	44
378 HELWAN	00	0	4	02	2	6	Ci	16.4	29	6	23
381 FAYOUM	00	0	20	03	1	4	Cc	16.2	28	9	31
387 MINYA (A)	00	0	12	03	0	3	Ci	15.4	32	11	28
393 ASYOUT (A)	70	4	14	02	0	1	Ci	15.7	32	1	14
399 NAG' HAMADI	00	0	10	01	0	4	Ac, Cs	16.1	32	16	28
402 QENA	00	0	20	00	0	0	—	15.8	30	11	31
405 LUXOR (A)	320	4	22	01	0	0	—	15.1	32	7	21
414 ASWAN											
417 SIWA	140	9	16	03	1	6	Cs	15.7	28	8	29
420 BAHARIYA	130	2	20	03	1	5	Ac, As	15.1	34	4	15
423 FARAFRA	80	1	20	02	0	0	—	16.2	31	2	16
432 DAKHLA	00	0	15	02	0	0	—	15.2	33	4	16
435 KHARGA	00	0	15	02	0	0	—	13.7	37	3	12
450 SUEZ	210	1	50	02	0	2	Cu	16.6	30	8	25
459 TOR											
462 HURGHADA	220	1	22	03	0	0	—	16.4	28	17	52
465 QUSEIR	20	7	20	01	2	5	Ac, Cc	16.8	26	21	74
641 PORT SUDAN	70	10	20	02	0	2	Sc	13.3	31	23	62
600 WADI HALFA	120	10	20	02	0	0	—	11.7	35	3	13
640 ABU HAMAD	70	9	22	02	0	0	—	8.9	34	8	20
660 KAREIMA	40	3	21	02	0	0	—	9.0	33	10	24
680 'ATBARA	80	10	20	02	0	0	—	7.44	35	5	15
721 KHARTOUM	50	6	20	02	0	1	Ci	6.44	35	10	22
730 KASSALA	10	3	20	02	0	0	—	4.6	37	12	22
751 WAD MEDANI	310	5	20	02	0	1	Ci	4.7	37	4	13
801 RENK	310	2	20	02	0	2	Ac	6.3	37	11	20
802 ROSEIRES	210	2	20	02	1	3	Cu	8.6	37	11	20
771 EL OBEID	70	7	20	02	1	5	Ci	8.6	35	6	16
790 EL FASHER	20	10	25	02	2	7	Cs	7.1	33	-2	10
770 GENEINA	20	1	50	03	1	3	Cs	7.7	34	-5	8
840 MALAKAL	00	0	20	01	2	7	Cu, Cc	5.8	35	19	39
880 WAU			20	00	0	7	Cu, Cs	6.8	35	17	35
941 JUBA											

At 1800 on 21st

Station	Wind Direction Deg.	Wind Velocity in 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	90	13	10	02	2	7	Sc	17.1	21	19	24	0	88	0
303 SIDI BARRANI	120	10	15	01	1	6	As, Cs	16.7	20	18	23		88	0
306 MATRUH (A)	100	4	10	01	0	2	Sc, Ac	17.8	17	16	24		94	0
309 EL DAB'AA	70	2		00	0	0	—	17.8	19	17	23		88	0
319 ALEXANDRIA	40	10	20	01	0	0	—	18.7	20	18	23	-1	88	0
318 ALEXANDRIA (A)	50	4	12	01	2	5	Cs	18.4	18	16	27	+2	88	0
330 DAMIETTA	40	2		02	1	0	—	18.3	21	18	23	0	83	0
333 PORT SA'ID (A)														
336 EL 'ARISH														
339 DAMANHUR	40	2		02	0	1	Ci	17.6	19	17	28	+3	88	0
342 MANSURA	40	3		01	0	0	—	18.0	20	17	31	+6	83	0
348 TANTA	90	5	20	01	1	2	Ci	18.4	19	17	30	+5	88	0
360 SHEBIN EL KOM	20	2	10	01		2	Sc	17.8	21	12	29		57	0
354 ZAGAZIG	00	0	10	02	0	0	—	17.9	22	13	29	+4	57	0
441 ISMA'ILIA														
366 CAIRO (A)	130	10	12	03	0	0	—	17.9	22	14	31		61	0
372 CAIRO ALMAZA (A)														
374 CAIRO EZBEKIYA											31	+6		0
375 GIZA											29	+4		0
378 HELWAN	20	12	4	02	1	3	Ci	17.8	24	9	30	+6	38	0
381 FAYOUM	00	0	20	02	1	4	Cc	16.7	19	11	28	+2	60	0
387 MINYA (A)	00	0	7	02	0	0	—	16.6	20	11	33	+7	56	0
393 ASYOUT (A)	00	0	10	02	0	0	—	16.3	23	2	35	+9	26	0
399 NAG' HAMADI	00	0		01	0	2	As	15.8	19	14	38	+6	73	0
402 QENA	00	0		00	0	0	—	15.6	20	12	33	+4	64	0
405 LUXOR (A)														
414 ASWAN														
417 SIWA	00	0	14	01	1	3	Ci	15.7	18	5	29	+4	43	0
420 BAHARIYA	00	0	10	02	1	3	Ci	16.2	21	2	35	+10	29	0
423 FARAFRA	00	0	12	00	1	0	—	17.3	22	3	33		29	0
432 DAKHLA	00	0	5	02	0	0	—	18.9	25	-2	35	+8	17	0
435 KHARGA	00	0	6	02	0	0	—	13.5	20	6	37	+9	41	0
450 SUEZ	90	1	10	01	0	0	—	16.44	22	9	32	+7	44	0
459 TOR														
462 HURGHADA	00	0	10	02	0	2	Ci	15.6	18	9			56	0
465 QUSEIR	360	3	20	01	2	0	—	16.5	24	21	28	+1	84	0
641 PORT SUDAN	40	5	20	02	0	1	Sc	14.6	28	24	32		79	0
600 WADI HALFA	30	8	4	02	0	0	—	11.3	25	4	36		26	0
640 ABU HAMAD	70	5	22	02	0	0	—	10.5	29	11	35		33	0
660 KAREIMA	360	1	21	02	0	0	—	10.0	28	9	34		31	0
680 'ATBARA	80	8	20	02	0	0	—	8.8	30	7	36		24	0
721 KHARTOUM	360	8	20	01	0	0	—	8.2	29	10	36		31	0
730 KASSALA	80	8	20	02	0	0	—	7.8	27	9	38		33	0
751 WAD MEDANI														
801 RENK											38			
802 ROSEIRES											39			
771 EL OBEID	40	3	20	01	1	2	Ci	8.1	27	6	35		27	0
790 EL FASHER	10	5	20	02	2	7	Cs		25	19	37		70	0
770 GENEINA	30	5	60	02	2	6	Cs	10.7	23	-2	34		19	0
840 MALAKAL	340	3	20	01	2	5	Ac, Cc	4.9	28	21	36		66	0
880 WAU	00	0	20	01	2	2	Ci	4.1	29	19	36		55	0
941 JUBA	00	0	24	01	2	2	Ci	7.5	23	14	37		57	0

At 0600 on THURSDAY 22nd NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	00	0	18	02	2	7	Sc, As	15.6	-1.8	17	15	16	+2	88	0	20	
303 SIDI BARRANI	150	11	0.7	03	4	9	—	15.8		17	16	14		94	0	29	
306 MATRUH (A)	00	0	14	01	2	2	As	16.8	-1.0	16	16	13		97	0	40	
309 EL DAB'AA	00	0	10	00	0	0	—	17.1		15	13	12		88	0	18	
319 ALEXANDRIA	40	6	<1	47	4	9	—	17.2	-1.0	17	17	15	-1	97	0	6	20
318 ALEXANDRIA (A)	100	8	0.0	45	4	9	—	17.1	-0.2	17	17	15	+1	97	0	9	20
330 DAMIETTA	90	2	<2	10	1	4	Ac	17.9	+0.9	20	18	16	+1	88	0	18	17
333 PORT SA'ID (A)																	
336 EL 'ARISH																	
339 DAMANHUR	40	2	<2	10	4	6	As	17.2	-1.0	17	17	15	+2	97	0	2	12
342 MANSURA	00	0	<1	43	4	—		17.8	+0.3	19	17	15	+2	88	0	dr	7
348 TANTA	90	7	0.2	43	4	8	As	18.3	+0.1	17	17	14	+2	97	0	1	6
360 SHEBIN EL KOM	40	2	10	01	1	4	Sc	17.8	-0.2	16	14	15		88	0	0	9
354 ZAGAZIG	40	1	10	03	1	5	Cs	17.9	0.0	17	17	11	-1	97	0	0	5
441 ISMA'ILIA	70	3	20	01	1	4	Cs	17.8		15	13	12		88	0	0	
366 CAIRO (A)	220	1	<1	41	4	6	Ci	17.6		13	13	12		97	0	dr	
372 CAIRO ALMAZA (A)																	
374 CAIRO EZBEKIYA										16	18	18	0	77	0	dr	3
375 GIZA	40	8	8	03	—	5	As	17.6	-0.3	15	14	14	+3	94	0	dr	5
378 HELWAN	00	0	0.2	45	4	8	Ci	17.5	-0.3	14	12	13	-1	88	0	dr	3
381 FAYOUM	00	0	20	02	2	6	Cu	15.5	-2.5	15	11	11	-1	77	0	0	0
387 MINYA (A)	180	4	8	02	0	2	Ci	16.9	-1.0	17	9	11	0	60	0	0	
393 ASYOUT (A)	00	0	12	02	0	1	Ci	16.9	-1.0	18	-1	13	+1	28	0	0	
399 NAG' HAMADI	00	0		01	0	3	Ac	16.8	+0.1	17	7	11	0	52	0	0	
402 QENA	00	0	10	00	0	0	—	17.0	+0.9	17	7	12	-1	52	0	0	
405 LUXOR (A)	00	0	22			2	Ci	12.9	-3.6	18	2	9		34	0	0	
414 ASWAN																	
417 SIWA	00	0	16	02	1	5	As	15.3	-3.8	12	3	10	+2	55	0	0	1
420 BAHARIYA	00	0		02	1	5	Ci	16.3	-2.4	16	3	10	0	42	0	0	1
423 FARAFRA	240	2	15	03	0	6	Ci	18.0		12	-5	8		31	0	0	
432 DAKHLA	00	0	12	03	0	1	Ci	17.2	-1.2	14	-1	10	-1	36	0	0	
435 KHARGA	00	0	16	01	0	0	—	14.8	-2.6	17	4	12	0	42	0	0	
450 SUEZ	40	1	20	00	0	5	Cu	16.8	-0.2	16	14	11	-2	88	0	0	4
459 TOR																	3
462 HURGHADA	00	0	22	00	0	0	—	15.4	-0.2	20	2	13	-2	30	0	0	
465 QUSEIR	290	5	20	03	0	3	Ac, Cs	16.2	+0.2	23	5	20	+1	32	0	0	2
641 PORT SUDAN	340	2	20	01	1	3	Sc	14.3		27	23			79	0		
600 WADI HALFA																	
640 ABU HAMAD																	
660 KAREIMA	30	2	21	02	0	0	—	11.9		24		22			0		
680 'ATBARA	60	9	20	02	0	0	—	10.8		24	11			44	0		
721 KHARTOUM																	
730 KASSALA	00	0	20	02	0	0	—	8.9		27	16			52	0		
751 WAD MEDANI																	
801 RENK	360	2	20	02	0	3	Ac	10.5		25	11	16		42	0		
802 ROSEIRES	230	2	20	02	0	3	Ac	9.2		23	17	22		69	0		
771 EL OBEID	20	5	20	02	1	3	Ac, Ci	9.3		25	6	17		30	0		
790 EL FASHER	150	2	20	02	0	0	—			30	9	19		27	0		
770 GENEINA																	
840 MALAKAL	350	1	20	02	2	7	Cs	10.1		24	18	21		69	0		
880 WAU	00	0	20	02	2	7	Cs	8.4		24	20	21		79	0		
941 JUBA																	

REMARKS — 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		Siwa		Bahariya		Farafra		Dakhla	
DATE	22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11		22-11	
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.	180	4	70	6	120	6	70	7	40	5	330	3	350	4	130	5	40	9	20	4	170	3
600 m.	90	4	110	4	170	6	150	10	350	5	220	2	20	3	220	5	60	7	90	2	170	4
1000 m.	180	3	140	5	170	5	200	5	250	3	160	3	80	4	220	8	230	7	220	2	120	6
1500 m.	270	2	270	3	200	7	260	8	270	10	240	4	20	3	210	12			270	11	110	4
2100 m.	320	7	280	6	230	10	260	12	250	14	290	12			210	19			270	8		
2400 m.	280	7	260	9	230	10	240	17	250	12	360	3			220	11			120	4		
3000 m.			250	10	230	17	270	26	280	13	150	9			240	17						
4000 m.					260	24			270	35	250	15										
5000 m.					250	26			270	36	250	30										
6000 m.					250	40			270	44	260	30										

STATION	Hurghada						Cairo (A)		Minya		Asyout		Siwa		Dakhla							
DATE	22-11						23-11		23-11		23-11		23-11		23-11							
TIME	14						4		2		2		2		03							
ALTITUDE	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	3					220	9	80	7	320	2	150	7	60	4						
600 m.	40	4					30	3	10	8	20	17	190	6	90	14						
1000 m.	120	3					260	4	10	9	20	10	200	11	100	16						
1500 m.	290	5					190	4	20	19	70	4	250	10								
2100 m.	290	9					260	19	360	12	190	9	220	8								
2400 m.	330	7					240	18	350	13	220	12	260	3								
3000 m.							230	27					250	28								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada					
DATE	23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11					
TIME	8		8		8 30		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.	100	9	190	5	100	5	60	6			160	12	150	8	100	6	330	6				
600 m.	130	7	240	4	90	5	90	8	230	10	160	13	160	8	110	19	40	5				
1000 m.	220	5	190	4	120	4	100	6	250	8	170	13	160	10	120	21	120	4				
1500 m.	200	7	240	7	220	7	160	7	230	5	190	12	90	8			170	10				
2100 m.	250	13	240	7	280	4	190	5	240	17	250	10	50	8			200	10				
2400 m.	260	18	230	6	220	3	200	9	240	22	260	7	80	6			220	5				
3000 m.	260	20			220	10	210	9	250	23	300	10	40	2			220	10				
4000 m.					250	27	220	16			270	10										
5000 m.											250	20										
6000 m.											240	27										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	22-11					22-11														
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	70	28				25	21													
1000 mb.	140	27		40	6	133	22		120	6										
950 mb.																				
900 mb.																				
850 mb.	1546	18		270	10	1536	16		200	7										
800 mb.																				
700 mb.	3178	9		280	13	3154	7		230	17										
600 mb.																				
500 mb.	5860	-10		270	42	5831	-10		250	30										
400 mb.	7540	-23		270	56	7504	-23		250	47										
300 mb.						9545	-39		250	60										
200 mb.						12170	-61		250	80										

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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 23rd NOVEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 06 07 U.T. / " " Sunset 14 56 U.T.)

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

At 1200 on 22nd

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 %
62300	140	6	22	02	2	7	Ac,cs	14.5	24	17	65
303	70	8	16	02	2	7	Ac,cs	14.4	22	19	83
306	120	8	16	02	2	7	Ac,As	15.2	23	16	65
309	90	5	20	00	0	5	cs	15.2	24	16	61
319	110	7	20	01	4	5	Ac,cs	15.9	26	14	48
318	70	1	12	03	2	7	Ac,cc	15.6	26	17	58
330	90	2	20	02	1	4	Ac	16.2	23	20	84
333											
336											
339	180	2	10	01	4	4	cs	15.6	26	16	55
342	60	3		01	0	3	ci	15.9	28	17	52
348	130	5	20	03	2	2	ci	16.0	26	16	55
360	40	5	20	01	1	3	As	15.5	23	9	41
354	00	0	20	03	1	4	As	15.6	27	18	58
441	20	2	20	03	2	8	ci	15.5	29	9	29
366	50	6	12	02	2	7	cs	14.9	28	5	23
372											
374	50	3	10	03	2	7	cs	15.5	26	12	42
375	00	0	3	02	2	8	ci	15.0	27	11	37
378											
381	00	0	20	02	2	6	cc	14.2	28	13	40
387	00	0	12	03	0	3	ci	14.7	31	8	24
393	00	0	14	02	0	0	—	14.0	32	3	16
399	00	0	10	01	0	3	Ac	13.9	29	14	40
402	00	0	20	03	1	1	ci	13.9	29	14	40
405	00	0	22	02	0	0	—	12.3	32	7	21
414											
417	100	2	16	02	1	6	cs	14.0	29	6	23
420	00	0	20	02	1	6	ci	13.8	34	5	16
423	10	4	20	01	1	3	ci	15.0	29	-7	40
432	00	0	14	03	0	2	ci	14.2	33	4	16
435	00	0	15	02	0	0	—	11.2	35	2	12
450	00	0	50	02	0	5	cu	14.8	28	13	40
459											
462	00	0	20	02	0	2	ci	13.2	28	15	45
465	350	6	20	01	0	1	ci	14.6	27	17	55
641											
600	80	5	20	02	0	0	—	9.5	36	8	18
640	70	9	22	02	0	0	—	7.5	34		
660	50	3	21	02	0	0	—		32	8	21
680	100	7	20	02	0	0	—	5.6	34	5	16
721	300	8	18	05	0	1	ci	5.0	35	6	16
730	20	3	20	02	0	0	—	2.9	38	11	20
751	310	5	20	02	1	5	ci	5.8	37	8	17
801											
802	310	5	20	02	1	3	cu	2.0	38	12	21
771	100	2	20	03	1	7	cs	3.9	35	5	15
760	110	2	24	02	1	7	cs	5.0	34	9	22
770	160	3	50	02	0	1	cs	6.7	33	4	20
840	250	4	20	03	1	7	cu,cs	4.4	35	16	32
880	50	3	30	02	2	7	cu,cs	3.3	36	13	25
941	50	2									

At 1800 on 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.
62300	30	6	14	01	1	7	Sc,cs	15.5	21	18	26	+2	83	0
303	90	11	12	01	2	6	Sc,Ac,cs	15.0	20	19	24		94	0
306	00	0	14	02	2	5	Ac,As	15.8	18	17	24		94	0
309	90	2	4	00	0	0	—	16.6	21	18	24		83	0
319	40	12	20	01	1	0	—	16.2	21	19	27	+3	88	0
318	60	8	12	02	2	7	As,Asc,s	15.9	20	19	26	+3	94	0
330	00	2	4	01	1	2	Ac	16.8	21	19	23	0	88	0
333														
336														
339	40	2	4	02	1	2	As	15.9	20	17	28	+3	83	0
342	40	3	1	00	0	0	—	16.0	20	18	30	+5	88	0
348	130	2	20	03	0	0	—	15.6	19	16	27	+2	83	0
360	40	2	10	01	1	2	Sc	15.8	20	15	26		73	0
354	00	0	10	01	1	0	—	15.3	21	18	27	+2	83	0
441														
366	130	5	12	02	2	2	ci	15.3	21	6	29		38	0
372														
374											28	+3		0
375											27	+3		0
378	40	6	3	02	2	5	ci	15.0	23	1	28	+4	24	0
381	360	4	20	01	1	4	cc	15.0	18	15	28	+2	83	0
387	00	0	8	02	1	1	ci	15.1	18	10	32	+6	60	0
393	00	0	10	02	0	0	—	14.2	24	3	34	+8	26	0
399	00	0	4	00	0	0	—	14.4	20	15	20	+2	73	0
402	00	0		00	0	0	—	14.0	22	9	33	+4	44	0
405														
414														
417	00	0	12	01	2	3	cs	14.1	19	5	30	+5	40	0
420	00	0	10	02	1	0	—	15.3	19	2	35	+10	32	0
423	00	0	12	00	1	0	—	15.3	23	-1	30		20	0
432	00	0	5	02	2	0	—	14.6	25	-2	35	+8	17	0
435	00	0	6	02	0	0	—	12.4	23	-6	35	+7	14	0
450	00	0	10	01	0	0	—	14.8	20	8	30	+5	46	0
459														
462	00	0	10	02	0	1	ci	13.3	19	14	28	+3	73	0
465	00	0	20	01	0	0	—	15.1	22	20	27	0	89	0
641														
600														
640														
660											33			0
680											36			0
721											35			0
730											39			0
751											37			
801											39			
802											38			
771											36			
760											35			
770	00	0	50	01	0	0	—	9.0	21	8	35		44	0
840														
880														
941											37			

At 0600 on FRIDAY 23rd NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	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	70	2	18	02	2	7	Sc,Ac	16.2	21	18			83	0	20	
303	00	0	0.9	43	4	9	—	16.3	16	16	14		97	0	29	
306	00	0	0.2	10	0	3	cs	16.1	17	16	14		94	0	40	
309	00	0	10	03	0	0	—	16.6	17	15	12		88	0	18	
319	40	2	4	03	4	7	As	17.2	15	15	14	-2	97	0	6	31
318	110	5	0.4	42	4	8	Sc	16.7	15	15	15	+1	97	0.4	10	26
330	70	2	<2	10	0	0	—	17.0	20	20	15	+1	97	0	18	17
333																
336																
339	180	2	<2	10	2	8	cb	16.6	18	18	16	+3	97	0	2	13
342	00	0	0.5	47	4	0	—	16.4	17	15	14	+1	88	0	tr	7
348	90	4	—	46	4	8	As	16.5	18	16	15	+3	88	0	1	6
360	40	2	<2	10	4	0	—	16.6	17	15	16		88	0	0	
354	00	0	<2	10	0	0	—	15.6	17	13	13	+1	77	0	0	5
441	180	1		02	1	3	Ns	16.4	15	13	12		88	0	0	
366	70	2	6	05	2	3	cs	14.2	14	10	12		77	0	tr	
372	00	0	4	00	0	5	[illegible]	16.2	16	10	12	-2	68	0	0	
374									16	13	13	0	82	0	tr	3
375	00	0	0.0	45	—	9	—	16.8	13	13	11	0	97	0	tr	5
378	00	0	4	02	4	7	ci	16.4	18	-1	16	+3	28	0	tr	3
381	00	0	20	02	1	4	cc	17.0	15	10	12	0	72	0	0	0
387	00	0	7	02	1	2	ci	17.0	15	11	10	-1	77	0	0	
393	00	0	14	02	0	2	ci	16.8	18	1	14	+3	32	0	0	
399	00	0	4	01	0	4	Ac,cc	15.2	19	9	11	0	52	0	0	
402	40	2	10	03	1	2	ci	15.7	18	3	10	-2	37	0	0	
405	00	0	22	02	0	0	—	16.0	19	5	10		40	0	0	
414																
417	00	0	16	02	2	7	cs	16.5	11	3	9	+1	58	0	0	1
420	00	0	10	02	0	3	ci	16.3	18	3	10	0	37	0	0	1
423	280	1	15	01	0	2	ci	17.4	12	-8	9		24	0	0	
432	00	0	12	03	1	4	ci	17.5	15	3	8	+2	30	0	0	
435	00	0	10	02	1	2	ci	14.4	17	3	11	0	39	0	0	
450	40	1	20	00	0	5	cu	16.2	14	10	10	-4	77	0	0	5
459																3
462	290	1	20	02	0	1	ci	11.5	18	5	13	-2	43	0	0	
465	270	6	20	03	0	1	cs	16.1	24	3	17	-2	26	0	0	2
641																
600																
640																
660	30	5	21	12	0	0	—	11.5	23	14	22		57	0		
680	60	8	20	02	0	0	—	10.4	24	12	19		47	0		
721	10	7	20	02	0	0	—	10.0	23	11	22		47	0		
730	330	2	20	02	0	0	—	9.7	25	13	17		48	0		
751	50	5	20	02	0	0	—	9.7	24	12	18		47	0		
801	310	2	20	02	0	0	—	10.5	25	15	19		54	0		
802	230	2	20	02	0	1	ci	9.2	21	16	17		74	0		
771	140	3	20	02	0	0	—	9.4	25	5	16		28	0		
760	270	3	22	03	1	3	cs	12.4	29	6	13		23	0		
770	50	5	50	01	1	1	ci	12.2	19	5	13		40	0		
840																
880	00	0	20	02	2	7	cs	7.3	25	20	21		74	0		
941	360	2	20	04	2	3	ci	8.1	26	17	17		58	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11		23-11	
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.	70	8	20	4	60	7	340	4	330	5	120	3	320	3	300	8	40	9	350	3		
600 m.	220	4	320	5	230	6	280	5	340	3	140	3	360	4	290	8	120	3	360	3	130	6
1000 m.	270	7	320	5			260	6	330	3	120	6	270	4	270	10	90	1	10	4	160	10
1500 m			310	2	250	10	240	9	60	3	360	4	280	6	250	8	330	7			200	8
2100 m.			290	21	250	25	260	15	60	3	360	2	330	12	230	6	340	4			280	6
2400 m.			290	20	250	13	270	18	30	4	220	3	340	16	250	6	70	10			40	3
3000 m.			280	17	260	20	250	21	320	9	220	10	300	12	250	5	40	5			260	10
4000 m.			250	21	250	28	250	34	310	10	250	19	250	24	280	6					250	15
5000 m.			240	33	250	49	250	36	20	17			240	30	230	17						
6000 m.			240	43	240	38	260	49	220	5												

STATION	Cairo(A)		Minya		Asyout		Siwa		Dakhla													
DATE	24-11		24-11		24-11		24-11		24-11													
TIME	5		2		2		2		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	10	20	6	20	9	70	5	80	8												
600 m.	80	8	20	8	30	13	110	10	70	22												
1000 m.	60	8	20	5	10	8	160	5	80	15												
1500 m.	330	7	30	4	40	4	140	9	100	14												
2100 m.	280	7	40	8			110	4														
2400 m.			30	9			280	5														
3000 m.							300	10														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		Cairo(A)		Heluan		Minya		Asyout		Siwa						Dakhla		Hurghada			
DATE	24-11		24-11		24-11		24-11		24-11		24-11						24-11		24-11			
TIME	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.	70	12	40	9	340	8	20	6	100	4	100	8					50	7	320	13		
600 m.	130	5	100	10	80	14	30	9	130	10	160	8					100	12	20	6		
1000 m.	150	4	90	9	60	11	20	8	110	11	180	6					140	6	80	10		
1500 m.	270	3	40	2	60	4	10	7	110	9	180	10							160	10		
2100 m	150	11	210	7	210	9	200	6	30	2	180	3							190	20		
2400 m.	140	4	230	13	240	11	200	3	10	4	220	5							170	16		
3000 m.	.		250	8	280	9	120	3	190	9	260	10							200	14		
4000 m.			240	22	250	25			220	30	290	14							220	20		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	23-11					23-11																
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	70	26				25	21															
1000 mb.	140	27		20	4	141	21		40	8												
950 mb.																						
900 mb.																						
850 mb.	1584	17		240	9	1538	16		310	2												
800 mb.																						
700 mb.	3178	6		250	21	3152	3		280	17												
600 mb.																						
500 mb.	5855	-11		260	42	5800	-11		240	39												
400 mb.	7528	-23		260	55	7473	-25		250	50												
300 mb.	9573	-39		260	63	9505	-40		250	70												
200 mb.	12230	-59				12180	-60		250	96												

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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 24th NOVEMBER, 1956

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: التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 27 U.T. / " " Sunset 14 56 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 %
Mediterranean	62300	SALLOÛM	00	0	5	02	4	8	Sc,cs	15.1	20	18	88
	303	SÎDI BARRÂNI	30	6	12	02	0	6	Cu,ci	15.3	22	15	65
	306	MAṮRÛḤ (A)	90	5	9	10	2	6	Cc	15.0	23	18	74
	309	EL ḌAB'AA											
	319	ALEXANDRIA	360	5	20	01	4	4	cs	15.5	28	15	45
	318	ALEXANDRIA (A)	90	3	12	02	2	6	ci	16.8	26	18	62
	330	DAMIETTA	40	5	20	03	0	5	Ac	15.6	24	18	69
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	90	2	10	01	2	5	cs	15.4	26	16	55
	342	MANṢÛRA	00	0		03	1	6	ci	14.7	23	17	52
	348	ṬANṬA	130	2	20	03	2	8	ci	15.5	27	16	52
	360	SHEBÎN EL KÔM	40	5	20	00	0	0		15.4	27	9	23
	354	ZAGAZIG	00	0	20	02	0	0	—	14.6	25	20	74
	441	ISMA'ILÍA	20	2	20	03	2	8	ci	15.1	29	12	35
Cairo Area	366	CAIRO (A)	340	7	7	05	0	5	ci	14.5	26	13	45
	372	CAIRO ALMÂZA (A)	320	4	5	10	2	7	Sc,cs	14.4	26	14	48
	374	CAIRO EZBEKÎYA											
	375	GIZA	40	4	8	01	1	3	ci	14.9	26	13	45
	378	ḤELWÂN	00	0	4	03	2	7	ci	14.4	28	7	27
Upper Egypt	381	FAYOÛM	00	0	20	02	2	6	cc	14.6	27	8	30
	387	MINYA (A)	00	0	12	02	0	2	ci	13.9	32	10	26
	393	AṢYOÛṬ (A)	90	3	16	02	0	1	ci	13.3	32	1	14
	399	NAG' ḤAMÂDI	00	0	18	01	0	2	Ac	14.0	28	15	45
	402	QENA	00	0	20	01	2	2	ci	13.6	29	12	35
	405	LUXOR (A)	340	2	22	02	0	0	—	13.8	32	9	24
	414	ASWÂN											
Oases	417	SÎWA	00	0	16	02	2	6	cs	14.3	28	8	29
	420	BAḤARÎYA	00	0	20	02	1	5	Ac,As	13.5	34	7	19
	428	FARAFRA	360	1	20	03	0	3	ci	14.7	32	0	13
	432	DAKHLA	00	0	14	02	2	5	ci	13.6	33	4	16
	435	KHARGA	00	0	15	01	1	3	ci	11.2	35	2	12
Red Sea	450	SUEZ	00	0	50	02	0	5	cu	14.6	26	10	37
	459	TÔR											
	462	HURGHÂDA	50	2	22	02	0	1	ci	13.7	28	15	45
	465	QUSEIR	360	6	20	03	0	3	ci	14.6	27	16	52
	641	PORT SÛDÂN	30	7	20	01	1	3	Sc	11.7	29	24	74
North Sudan	600	WÂDI ḤALFA	00	0	20	02	0	1	ci	8.9	33	3	15
	640	ABU ḤAMAD	90	5	24	02	0	0	—	7.3	34	5	16
	660	KAREIMA	00	0	21	02	0	0	—	6.9	33	8	21
	680	'AṬBARA	150	4	20	02	0	0	—	6.6	35	6	16
	721	KHARṬOÛM	140	7	20	02	0	0	—	6.8	35	10	22
	730	KASSALA	70	5	20	02	0	0	—	3.8	37	11	20
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	2	20	02	0	0	—	4.3	38	10	18
	802	ROSEIRES	310	9	20	02	0	2	cs	1.7	38	10	18
	771	EL OBEID	30	6	20	02	0	0	—	4.1	35	6	16
	730	EL FASHER	140	4	24	02	1	3	ci	3.9	34	6	18
	770	GENEINA	270	3	50	02	1	3	cu	4.9	35	0	11
S. Sudan	840	MALAKÂL	30	3	20	01	2	6	cu,cs	2.0	36	16	31
	880	WÂU											
	941	JUBA	50	6	20	04	1	5	cu,cs	1.4	37	11	20

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.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	10	01	2	5	Sc,Ac	17.8	20	17	22	-2	83	0
SÎDI BARRÂNI	30	4	12	02	0	2	Cu	16.1	20	18	22		88	0
MAṮRÛḤ (A)	00	0	10	01	1	1	cs	16.7	16	16	24		97	0
EL ḌAB'AA	00	0	4	00	0	0	—	17.5	16	5	25		49	0
ALEXANDRIA	40	9	20	01	0	0	—	16.8	20	18	29	+5	88	0
ALEXANDRIA (A)	40	5	12	02	2	6	ci	16.3	22	19	26	+3	83	0
DAMIETTA	40	2	4	00	0	0	—	16.4	21	18	24	+1	83	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	90	2	4	02	1	2	ci	16.0	20	17	27	+2	83	0
MANṢÛRA	00	0	1	00	0	0	—	16.0	20	17	29	+4	83	0
ṬANṬA	00	0	20	02	0	0	—	16.1	20	17	27	+2	83	0
SHEBÎN EL KÔM	40	2	10	00	0	0	—	16.2	21	16	28		74	0
ZAGAZIG	00	0	10	02	0	0	—	14.8	21	14	29	+4	65	0
ISMA'ILÍA														
CAIRO (A)	140	6	12	02	0	0	—	16.1	21	10	29		50	0
CAIRO ALMÂZA (A)														
CAIRO EZBEKÎYA											29	+4		0
GIZA											28	+4		0
ḤELWÂN	70	6	6	01	2	0	—	16.0	22	6	30	+6	36	0
FAYOÛM	00	0	20	01	1	2	cc	15.8	19	14	28	+2	73	0
MINYA (A)	20	1	8	02	0	0	—	14.9	20	9	33	+7	49	0
AṢYOÛṬ (A)	00	0	12	02	0	0	—	14.7	23	3	34	+8	27	0
NAG' ḤAMÂDI	00	0	4	01	0	0	—	14.8	20	11	30	+2	56	0
QENA	270	2		00	0	0	—	14.2	20	11	32	+3	56	0
LUXOR (A)														
ASWÂN														
SÎWA	00	0	16	02	0	0	—	15.1	17	4	26	+2	42	0
BAḤARÎYA	220	2	10	02	1	0	—	15.3	22	5	35	+10	23	0
FARAFRA	00	0	12	01	1	1	ci	16.4	22	-2	32		20	0
DAKHLA	170	2	5	02	1	0	—	14.6	25	-2	35	+8	17	0
KHARGA	00	0	6	02	0	0	—	12.3	22	-3	36	+8	19	0
SUEZ	00	0	10	01	0	2	cu	16.2	25	8			34	0
TÔR														
HURGHÂDA	00	0	10	02	0	0		13.6	17	14	28	+3	83	0
QUSEIR	360	2	20	01	0	0	—	14.8	23	18	29	+2	74	0
PORT SÛDÂN	10	3	25	01	1	2	Sc	18.7	27	24	31		84	0
WÂDI ḤALFA	20	7	20	02	0	1	ci	11.3	25	3	35		24	0
ABU ḤAMAD	70	5	24	02	0	0	—	8.3	29	7	35		25	0
KAREIMA	50	1	21	02	0	0		8.4	28	11	34		35	0
'AṬBARA	90	10	20	02	0	0	—	7.5	29	3	36		19	0
KHARṬOÛM	360	8	20	02	0	0	—	7.1	29	8	36		27	0
KASSALA	90		20	02	0	0	—	6.8	29	8	37		27	0
WÂD MEDANI														
RENK											39			
ROSEIRES														
EL OBEID	70	1	20	02	0	0	—	7.5	25	7	35		32	0
EL FASHER	30	4	20	03	1	5	ci	7.5	25	4	35		26	0
GENEINA														
MALAKÂL	00	0	20	02	2	7	Ac,cs	6.6	29	16	36		46	0
WÂU											37			0
JUBA	00	0	20	04	1	0	—	4.8	26	17	38		58	0

At 0600 on SATURDAY 24th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	40	10	10	02	2	7	Sc,Ac,ci	17.7	+0.3	20	15	20	+7	73	0	20	
SÎDI BARRÂNI	40	7	15	02	2	7	Sc	18.0		20	17	18		83	0	29	
MAṮRÛḤ (A)	100	5	16	02	1	3	Sc,Cu	18.1	+0.3	17	16	14		94	0	40	
EL ḌAB'AA	40	3	10	00	0	5	cs	17.8		19	16	13		83	0	18	
ALEXANDRIA	00	0	<1	47	4	—	—	17.8	-0.5	18	18	16	+1	97	0	6	33
ALEXANDRIA (A)	00	0	0.0	45	4	9	—	17.9	+0.5	17	14	16	+2	83	0	10	27
DAMIETTA	140	2	<2	10	0	1	Ac	18.0	+0.9	18	18	14	0	97	0	18	18
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	40	2	1	12	4	8	Ac	18.0	-0.3	17	17	15	+2	97	0	8	13
MANṢÛRA	00	0	0.5	47	4	—		18.3	+0.8	17	17	15	+2	97	0	dr	7
ṬANṬA	90	2	0.2	43	4	8	As	17.8	-0.5	16	14	13	+2	88	0	1	7
SHEBÎN EL KÔM	120	2	10	10	4	0	—	17.6	-0.5	16	14	15		88	0	0	
ZAGAZIG	00	0	10	10	0	0	—	17.2	-0.8	16	16	11	-1	97	0	0	5
ISMA'ILÍA	40	2	20	03	2	8	Ac	16.8		15	11	11		77	0	0	
CAIRO (A)	00	0	8	02	2	4	ci	17.8		17	9	12		60	0	dr	
CAIRO ALMÂZA (A)	290	3	8	00	0	3	ci	17.7	-0.1	15	8	14	+1	63	0	0	
CAIRO EZBEKÎYA										14	12	13	0	88	0	dr	1
GIZA	20	2	0.1	45	4	—	—	18.2	+0.3	12	12	11	0	97	0	dr	5
ḤELWÂN	00	0	1	40	4	4	ci	17.6	-0.8	15	9	14	+1	68	0	dr	3
FAYOÛM	00	0	20	02	1	4	cs	17.6	-0.6	15	11	11	-1	77	0	0	0
MINYA (A)	00	0	12	02	0	2	ci	16.5	-1.5	14	8	8	-3	67	0	0	
AṢYOÛṬ (A)	00	0	14	02	0	0		16.1	-2.0	17	1	13	+2	34	0	0	
NAG' ḤAMÂDI	00	0	4	01	0	4	Ac,ci	14.4	-2.5	18	8	10	-1	52	0	0	
QENA	360	2	10	02	1	4	ci	16.3	-0.9	18	-1	10	-2	28	0	0	
LUXOR (A)	00	0	22			3	ci	16.2	-0.5	20	3	10	-1	33	0	0	
ASWÂN																	
SÎWA	00	0	16	02	0	1	ci	16.8	-2.4	10	2	9	+1	58	0	0	1
BAḤARÎYA	00	0	10	02	0	1	ci	16.8	-2.1	15	2	10	0	42	0	0	2
FARAFRA	00	0	15	02	0	0	—	18.1		14	-6	7		25	0	0	
DAKHLA	00	0	14	03	1	4	ci	17.0	-1.5	13	-3	10	-1	44	0	0	
KHARGA	00	0	10	02	2	4	ci	13.5	-4.1	21	1	13	+2	37	0	0	
SUEZ	360	1	20	00	0	3	cu	16.8	-0.3	16	8	13	-1	59	0	0	5
TÔR																	3
HURGHÂDA	300	1	20	02	0	5	ci	14.7	-1.0	20	3	12	-3	33	0	0	
QUSEIR	270	7	20	00	0	6	Ac,cc	16.3	+0.2	23	1	17	-2	24	0	0	2
PORT SÛDÂN	310	4	20	03	0	5	Sc	14.7		26	23	23		84	0		
WÂDI ḤALFA	00	0	20	02	0	0	—	13.0		19	5	15		40	0		
ABU ḤAMAD	50	2	24	02	0	0	—	12.0		22	12	18		53	0		
KAREIMA	20	4	21	02	0	0	—	11.1		23	15	22		61	0		
'AṬBARA	50	6	20	02	0	0	—	10.8		24	12	19		47	0		
KHARṬOÛM	10	5	16	05	0	0	—	9.7		23	10	19		44	0		
KASSALA	180	4	20	02	0	0	—	8.0		29	11	19		33	0		
WÂD MEDANI																	
RENK	120	2	20	02	0	0	—	10.5		25	11	18		42	0		
ROSEIRES																	
EL OBEID	50	7	20	05	0	0	—	9.2		25	5	17		28	0		
EL FASHER	250	2	30	03	1	5	cs	12.1		29	3	19		19	0		
GENEINA																	
MALAKÂL	20	6	20	01	1	1	Ac	8.4		27	23	20		79	0		
WÂU	00	0	20	02	0	1	ci	8.5		25	17	21		61	0		
JUBA	360	2	20	04	0	1	cu	7.6		27	17	18		55	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		Siwa		Bahariya		Farafra		Dakhla		Hurghada			
DATE	24-11		24-11		24-11		24-11		24-11		24-11		24-11		24-11		24-11		24-11			
TIME	14		14		13 30		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.	70	8	30	12	70	7	20	5	310	5	100	6	20	7	40	9	70	12	60	7		
600 m.	310	7	90	9	60	6	350	5	140	5	240	3	30	6	40	9	60	16	140	4		
1000 m.	290	11	220	6	80	4	320	2	120	8	240	4	80	8	70	5	60	11	140	7		
1500 m.	260	26	300	10	240	7	320	2	80	8	240	11	80	5	60	6	90	7	120	3		
2100 m.	240	26	270	7	250	10	30	3	60	4	240	10	70	5	40	3	80	10	360	11		
2400 m.	240	21	190	9	260	9	160	7	280	5	260	9	40	5	10	9			210	5		
3000 m.	250	19	280	6	250	11	240	10	280	10	270	13	320	3	30	4			190	15		
4000 m.	240	21			250	27	210	3			280	17										
5000 m.	250	22			240	35	210	13														
6000 m.	240	55			250	48																

STATION	Alex. (A)		Minya		Siwa		Dakhla															
DATE	25-11		25-11		25-11		25-11															
TIME	4		2		2		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.	360	11	10	16	40	19	20	8														
600 m.	350	14	10	19	20	10	30	15														
1000 m.	350	14	360	15	340	10	30	24														
1500 m.	30	5	360	13	320	13	30	30														
2100 m.			360	11	280	18																
2400 m.			310	9	280	22																
3000 m.					280	26																
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Bassaud		Cairo (A)		Helwan		Minya		Asyout		Siwa		Farafra		Dakhla		Hurghada			
DATE	25-11		25-11		25-11		25-11		25-11		25-11		25-11		25-11		25-11		25-11			
TIME	8		8		8 30		6 30		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	17	[illegible]	12	350	6	350	9	360	16	300	6	20	19	20	14	10	7	330	14		
600 m.	330	11	340	23	340	13	350	22	360	17	20	14	30	19	20	21	40	18	320	10		
1000 m.	230	11	330	15	350	14	350	4	360	12	20	15	20	16	20	23	40	26	340	10		
1500 m.	320	16	310	17	330	19	40	5	40	18	20	16	260	5	60	13	30	14	310	17		
2100 m.	310	16	300	12					20	10	360	17	280	29					100	11		
2400 m.	290	16	300	15					350	8	350	13	260	31					170	8		
3000 m.	270	30							310	10	360	12							200	16		
4000 m.											250	14										
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	24-11					24-11														
TIME	13, 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	25				25	20													
1000 mb.	149	25		70	6	150	20		90	7										
950 mb.																				
900 mb.																				
850 mb.	1554	19		240	7	1534	18		260	26										
800 mb.																				
700 mb.	3180	7		250	11	3148	4		250	19										
600 mb.																				
500 mb.	5857	-10		240	42	5770	-16		240	41										
400 mb.	7537	-24		250	62	7410	-27		240	66										
300 mb.	9586	-38		250	68	9425	-41		240	71										
200 mb.	12250	-59		250	77	12060	-61		240	105										

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 25th NOVEMBER, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 06 28 U.T. / " " Sunset 14 55 U.T.

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

At 1200 on 24 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	BALLOÛM	20	10	18	02	2	7	Sc	16.8	22	16	69
	303	SÎDI BARRÂNI	30	9	15	02	2	7	Sc, Ac	16.5	22	18	78
	306	MATRÛḤ (A)	90	7	16	01	2	6	Sc, Cu, CS	16.6	22	16	69
	309	EL DAB'AA	20	4	20	00	0	6	CS	17.5	22	17	74
	319	ALEXANDRIA	40	10	20	01	4	5	Ac, CS	17.5	22	17	74
	318	ALEXANDRIA (A)	10	9	12	03	2	7	Ci	16.7	24	18	69
	330	DAMIETTA	40	2	20	03	0	5	Ac	16.8	23	18	74
	333	PORT SA'ID (A)											
	338	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	90	2	10	02	4	1	As	17.0	28	17	61
	342	MANṢÛRA	00	0		03	1	6	Ac	16.4	27	16	52
	348	ṬANṬA	90	8	20	03	2	7	Ci	16.7	25	15	54
	360	SHEBÎN EL KÔM	330	5	20	01	1	2	As	15.9	25	11	42
	354	ZAGAZIG	00	0	20	03	1	5	As	15.6	24	21	84
	441	ISMA'ILÍA	40	8	20	02	2	8	Ac	16.3	26	12	42
CAIRO AREA	366	CAIRO (A)	30	7	12	03	1	6	Ci	15.7	24	13	50
	372	CAIRO ALMAZA (A)	20	12	18	02	2	7	Ci	[illegible]	24	13	50
	374	CAIRO EZBEKÍYA											
	375	GIZA	80	4	10	03	1	6	[illegible]	15.4	22	16	69
	378	HELWÂN	360	9	6	03	1	6	Ci	16.4	28	7	27
UPPER EGYPT	381	FAYOÛM	360	4	20	02	[illegible]	[illegible]	Cs	14.8	29	9	29
	387	MINYA (A)	360	7	12	03	[illegible]	2	As	14.0	31	8	24
	393	ASYOÛṬ (A)	340	3	14	[illegible]	[illegible]	1	Ci	13.3	30	0	14
	399	NAG' HAMÂDI	00	0	10	[illegible]	0	2	Ac	13.6	28	15	45
	402	QENA	270	2	[illegible]	00	0	0		12.4	30	11	31
	405	LUXOR (A)	230	5	[illegible]	01	0	1	Ci	12.6	32	12	30
	414	ASWÂN											
OASES	417	SÎWA	20	2	16	02	1	6	Cs	16.1	27	10	23
	420	BAHARÎYA	40	4	20	02	2	7	Cs	14.0	32	8	22
	428	FARAFRA	40	1	30	03	0	2	Ci	15.3	30	-5	10
	432	DAKHLA	40	5	15	02	0	1	Ci	13.2	34	-8	6
	435	KHARGA	70	2	15	02	0	0	—	10.8	35	2	12
RED SEA	450	SUEZ	0	2	50	02	0	3	Cu	15.0	29	3	19
	459	TÔR											
	462	HURGHÂDA	20	3	20	01	0	2	Ci	12.8	28	13	40
	465	QUSEIR	350	11	20	01	2	5	As, Ac	14.7	27	13	42
	641	PORT SÛDÂN	70	8	30	02	0	2	Sc	11.3	29	25	79
NORTH SUDAN	600	WÂDI ḤALFA	180	4	20	02	0	0	—	8.5	33	9	23
	640	ABU ḤAMAD	00	0	20	02	0	0	—		34	9	22
	660	KAREIMA	30	2	21	02	0	1	Ci	6.4	34	9	22
	680	ATBARA	180	2	20	03	2	6	Cs	5.4	34	5	16
	721	KHARṬOÛM	40	4	20	02	0	0		4.7	36	9	19
	730	KASSALA	00	0	20	02	0	0	—	2.8	39	3	11
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	0	0	—	3.7	37	4	13
	801	RENK	130	2	20	02	0	0	—	4.2	39	9	16
	802	ROSEIRES	130	5	20	02	0	2	Cu	1.7	38	7	15
	771	EL OBEID	40	8	20	03	0	2	Ci	3.9	35	4	14
	760	EL FASHER	180	6	30	01	1	2	Ci	4.4	35	7	18
	770	GENEINA	110	1	50	03	2	6	Cs	5.4	34	2	13
S. SÛDÂN	840	MALAKÂL	90	9	20	03	0	2	Cu	3.2	38	10	18
	880	WÂU	40	8	20	03	0	2	Cu	1.3	37	13	24
	941	JUBA	50	5	20	04	0	1	Cu	1.3	39	11	19

At 1800 on 24 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.
BALLOÛM	00	0	12	01	2	4	Sc, Cu	18.6	20	16	22	-2	78	0
SÎDI BARRÂNI	50	5	10	02	2	8	Sc, As	18.1	20	17	22		83	0
MATRÛḤ (A)	120	16	13	02	2	8	Sc, Cu	18.1	19	16	23		83	0
EL DAB'AA	40	4		00	0	2	Ci	18.2	20	17	26		83	0
ALEXANDRIA	40	6	20	01	1	2	As	18.7	20	15	23	0	73	0
ALEXANDRIA (A)	20	2	10	02	2	7	As, Ci	17.8	18	16	25	+2	88	0
DAMIETTA	40	2		02	1	5	Ac, Ci	17.1	20	17	23	0	83	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHÛR	270	2		01	1	0	—	18.7	19	16	28	+4	83	0
MANṢÛRA	00	0		00	0	0	—	17.1	20	15	28	+3	73	0
ṬANṬA	00	0	20	02	0	0	—	17.0	18	16	26	+1	88	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	16.7	20	13	26		64	0
ZAGAZIG	00	0	10	01	1	0		16.6	20	17	27	+2	83	0
ISMA'ILÍA														
CAIRO (A)	90	7	12	02	0	0	—	16.9	20	15	26		73	0
CAIRO ALMAZA (A)														
CAIRO EZBEKÍYA											26	+1		
GIZA											25	+1		0
HELWÂN	20	11	6	01	2	0	—	16.2	22	11	29	+5	50	0
FAYOÛM	360	4	20	02	1	3	As	15.5	21	14	29	+4	65	0
MINYA (A)	360	8	9	03	1	1	Ci	15.3	19	8	31	+5	49	0
ASYOÛṬ (A)	260	4	10	02	0	0	—	14.7	23	5	31	+5	32	0
NAG' HAMÂDI	00	0		00	0	0	—	14.6	19	14	30	+3	73	0
QENA	90	2		00	0	0	—	14.0	19	12	33	+5	64	0
LUXOR (A)														
ASWÂN														
SÎWA	00	0	14	01	2	2	Ci	17.5	18	8	28	+4	52	0
BAHARÎYA	00	0	10	02	0	0	—	16.0	21	11	32	+7	53	0
FARAFRA	360	4	12	01	1	1	Ci	17.1	20	-5	30		18	0
DAKHLA	00	0	5	02	0	0	—	16.6	25	-2	35	+9	17	0
KHARGA	00	0	6	02	0	0	—	12.3	25	-7	35	+8	12	0
SUEZ	330	2	10	01	0	2	Cu	15.4	22	13	29	+4	57	0
TÔR														
HURGHÂDA	00	0	10	02	0	2	Ci			12	28	+3		0
QUSEIR	00	0	20	01	2	0	—	14.9	22	19	28	+1	83	0
PORT SÛDÂN	00	0	20	01	1	1	Sc	13.9	28	22	30		70	0
WÂDI ḤALFA	30	8	20	02	0	0	—	11.6	25	7	35		32	0
ABU ḤAMAD	00	0	24	01	0	0	—	9.5	27	5	35		25	0
KAREIMA	350	2	21	01	0	0	—	9.3	30	5	35		21	0
ATBARA	360	2	20	01	0	0	—	9.3	30	5	35		21	0
KHARṬOÛM	360	8	20	02	0	0	—	7.9	29	8	37		27	0
KASSALA	90	4	20	01	0	0	—	7.0	29	4	39		20	0
WÂD MEDANI														
RENK														
ROSEIRES											39			
EL OBEID	340	0	20	01	0	0		7.4	25	8	35		34	0
EL FASHER	360	3	20	02	2	7	Cs	8.4	26	4	36		25	0
GENEINA	360	4	50	01	2	1	Cs	9.9	23	4	35		29	0
MALAKÂL	120	2	20	02	2	7	Ac, Cs		27	17	38		65	0
WÂU	00	0	20	01	0	0	—	5.1	29	20	38		59	0
JUBA	00	0	24	03	0	2	Ci	5.2	25	17	38		61	0

At 0600 on SUNDAY 25 th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
BALLOÛM	000	6	18	02	0	3	Sc, Cu	20.7	+3.3	16	10	15	+2	68	0	24	
SÎDI BARRÂNI	340	16	16	02	2	5	Cu	20.0		19	14	18		73	0	29	
MATRÛḤ (A)	360	14	16	03	2	7	Cu	19.6	+1.8	19	14	16		73	0	40	
EL DAB'AA																18	
ALEXANDRIA	310	10	20	03	0	5	Sc	18.8	+0.5	20	15	17	+2	73	0	6	24
ALEXANDRIA (A)	350	7	12	02	2	7	Sc	18.0	+0.6	19	16	17	+3	83	0	10	28
DAMIETTA	290	2		03	1	7	As	17.5	+0.4	19	17	16	+2	88	0	18	18
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHÛR	80	2	[illegible]	03	1	7	Sc	18.2	+0.4	16	15	15	+3	88	0	2	12
MANṢÛRA	00	0		03	1	8	As	17.8	+0.2	19	17	15	+2	88	0	4	8
ṬANṬA	00	0	20	03	2	8	As	18.8	+0.4	18	17	13	+2	94	0	1	7
SHEBÎN EL KÔM	320	2	10	01	1	8	Cu	18.8	+0.7	18	15	16		83	0	0	
ZAGAZIG	00	0	10	03	1	8	Cu	17.9	-0.2	17	17	13	+2	97	0	0	8
ISMA'ILÍA	00	0	20	03	2	8	Ac	17.2		17	17	14		97	0	0	
CAIRO (A)	40	5	0.4	47	4	9	—	18.3		16	16	15		97	0	4	
CAIRO ALMAZA (A)	350	5	0.5	12	4	8	Ac	18.1	+0.2	16	16	15	+2	97	0	0	
CAIRO EZBEKÍYA										16	14	16	+3	88	0	4	2
GIZA	10	6	0.8	43	—	9	—	18.3	+0.3	17	17	14	+3	97	0	4	8
HELWÂN	320	11	3	40	4	8	Ac, Ci	17.9	-0.6	17	15	15	+2	88	0	4	2
FAYOÛM	360	6	20	01	2	3	Cu	19.2	+1.0	18	15	15	+4	83	0	0	0
MINYA (A)	330	4	8	01	0	2	Ac	16.3	-1.8	13	11	13	+2	88	0	0	
ASYOÛṬ (A)	280	2	10	02	0	5	Ac Ci	16.4	-1.3	16	12	13	+2	77	0	0	
NAG' HAMÂDI	00	0	4	01	0	3	Ac	16.3	-0.6	16	10	10	0	68	0	0	
QENA	00	0	10	00	0	0	—	15.4	-1.8	17	4	10	-2	47	0	0	
LUXOR (A)	00	0	22	02	0	0	—	14.9	-1.9		2	9		87	0	0	
ASWÂN																	
SÎWA	20	7	16	03	1	3	Sc	20.3	+1.0	16	12	15	+7	77	0	0	1
BAHARÎYA	40	4	15	[illegible]	4	8	As	18.7	-0.2	14	14	11	+1	97	0	0	2
FARAFRA	00	0	15	03	0	0	—	19.1		13	3	8		51	0	0	
DAKHLA	350	2	[illegible]	03	0	1	Ci	16.7	-1.9	17		12	+2		0	0	
KHARGA	20	4	10	01	1	1	Ci	13.6	-4.1	18	4			40	0	0	
SUEZ	290	1	20	00	6	5	Cu	16.4	-0.8	16	14	12	-2	88	15	15	5
TÔR																	3
HURGHÂDA	310	5	22	02	0	3	Ci	13.9	-1.9	20	15	13	-2	73	0	0	
QUSEIR	280	9	20	02	0	0	—	15.0	-1.2	21	4	17	-2	33	0	0	2
PORT SÛDÂN	350	3	20	02	1	4	Sc	13.4		27	23	23		79	0		
WÂDI ḤALFA	00	0	20	02	0	0		12.6		19	5	15		40	0		
ABU ḤAMAD	90	2	20	02	0	0	—	11.2		22	14	18		61	0		
KAREIMA	00	0	21	02	0	1	Ci	10.5		22	9	19		44	0		
ATBARA	50	6	20	02	0	0		10.4		23	11	18		47	0		
KHARṬOÛM	50	4	16	05	0	0	—	9.8		24	9	21		38	0		
KASSALA	00	0	20	02	0	0	—	9.0		24	13	27		50	0		
WÂD MEDANI	50	5	20	02	0	0	—	9.7		24	12	19		47	0		
RENK																	
ROSEIRES	230	2	20	02	0	1	Ci	8.8		22	14	17		61	0		
EL OBEID	70	1	20	01	0	0	—	9.6		25	6	17		30	0		
EL FASHER	00	0	24	01	0	0	—	12.3		18	3	14		37	0		
GENEINA	50	6	50	02	0	0	—	12.4		20	-1	13		24	0		
MALAKÂL																	
WÂU	00	0	20	02	0	2	Ci	7.1		25	18	20		65	0		
JUBA	40	3	20	04	1	7	Cs	7.9		26	15	17		51	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada					
DATE	25-11		25-11		25-11		25-11		25-11		25-11		25-11		25-11		25-11					
TIME	14		13 30		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	14	360	13	360	28	350	5	360	11	360	18	20	19	10	16	330	17				
600 m.	310	19	350	12	10	16	350	17	360	6	360	23	20	19	360	18	300	3				
1000 m.	310	20	350	12	10	23	360	16	10	12	350	25	20	12	10	15	360	3				
1500 m.	310	18	300	11	350	20	20	13	300	18	350	16	10	10	30	12	320	8				
2100 m.	290	16	260	20	340	10			290	23	360	15	340	15	10	21	300	10				
2400 m.	280	21	260	22	320	8			280	19	360	19	340	9			290	13				
3000 m.	280	26	270	22	340	14			290	19												
4000 m.	280	41	270	26																		
5000 m.	270	35	280	30																		
6000 m.	280	36	270	38																		

STATION									Minya		Asyout		Siwa									
DATE									26-11		26-11		26-11									
TIME									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.									10	16	340	8	10	8								
600 m.									20	19	10	12	360	12								
1000 m.									10	21	350	17	350	8								
1500 m.									360	27	340	19	330	10								
2100 m.									320	25			320	15								
2400 m.									300	30			300	17								
3000 m.													280	26								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Siwa		Dakhla		Hurghada					
DATE	26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11					
TIME	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.	180	23	160	10	300	7	260	1	350	29	350	14	340	10	20	13	320	16				
600 m.	270	15	160	12	340	5	350	16	360	35	360	20	220	9	10	16	320	16				
1000 m.	300	10	160	16	330	8	350	25	360	22	360	24	310	9	10	19	300	16				
1500 m.	300	10			10	12	20	19	10	11	320	13	320	6	330	27	280	4				
2100 m.					290	10	30	23									320	4				
2400 m.							350	16									270	5				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	25-11					25-11														
TIME	13, 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	22				25	20													
1000 mb.	148	22		10	10	176	18		340	13										
950 mb.																				
900 mb.																				
850 mb.	1528	12		300	11	1535	6		310	18										
800 mb.																				
700 mb.	3129	5		270	22	3113	1		280	26										
600 mb.																				
500 mb.	5777	-13		280	35	5726	-17		270	40										
400 mb.	7430	-27		270	44	7360	-30		240	42										
300 mb.	9432	-43				9342	-46		270	45										
200 mb.	12070	-56				11940	-59		270	81										

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 26th NOVEMBER, 1956

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: _____ التنبؤات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 29 U.T. / " " Sunset 14 55 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.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	320	12	20	02	5	4	cu, Sc	19.8	22	6	36
	303	SÎDI BARRÂNI	320	17	18	02	1	5	cu	19.4	21	12	57
	306	MATRÛḤ (A)	350	15	16	01	1	4	cu	18.9	21	10	50
	309	EL ḌAB'AA	340	10	20	00	0	1	ci	18.1	22	11	50
	319	ALEXANDRIA	310	12	20	02	0	5	cu	17.9	22	15	65
	318	ALEXANDRIA (A)	340	10	12	02	2	6	Sc	17.3	23	15	61
	330	DAMIETTA	340	5	10	02	1	7	cu	16.6	22	10	65
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	270	2	10	10	3	3	cu	20.0	22	13	57
	342	MANṢÛRA	320	5		01	1	4	cu	16.6	26	14	48
	348	ṬANṬA	310	8	20	01	1	3	cu	17.1	22	13	57
	360	SHEBÎN EL KÔM	320	5	20	01	1	2	cu	16.3	25	11	42
	354	ZAGAZIG	00	0	20	03	1	7	cu	16.6	23	18	74
	441	ISMA'ILÎA	360	5	20	03	1	5	cu	16.0	25	15	54
Cairo Area	366	CAIRO (A)	10	10	12	02	2	7	Sc, cu	16.0	22	14	61
	372	CAIRO ALMÂZA (A)	340	12	15	01	2	5	cu, ci	15.6	23	14	57
	374	CAIRO EZBEKÎYA											
	375	GIZA	50	9	10	01	2	5	cu	16.4	23	15	61
	378	ḤELWÂN	340	10	6	02	1	4	AC, CC	15.6	22	15	65
Upper Egypt	381	FAYOÛM	360	6	20	02	1	3	cc	15.6	23	14	57
	387	MINYA (A)	10	12	10	02	0	2	ci	14.5	26	13	45
	393	AṢYOÛṬ (A)	300	8	14	02	1	5	cs	13.8	26	8	32
	399	NAG' ḤAMÂDI	00	0	10	01	0	4	AC, ci	12.3	28	15	45
	402	QENA	00	0	20	03	1	4	ci	12.2	28	13	40
	405	LUXÔR (A)	340	8	22	02	0	2	cs	11.2	32	9	24
	414	ASWÂN											
Oases	417	SÎWA	360	14	16	01	1	0	—	19.0	25	6	30
	420	BAḤARÎYA	20	5	20	02	4	0	—	15.9	26	15	51
	423	FARAFRA	20	6	20	01	0	2	ci	16.6	26	10	37
	432	DAKHLA	340	13	14	03	1	4	ci	14.4	28	0	16
	435	KHARGA	30	13	12	03	1	4	ci	10.7	32	0	13
Red Sea	450	SUEZ	330	3	50	03	0	6	cu	15.5	24	12	47
	459	TÔR											
	462	HURGHÂDA	30	1	22	02	0	5	AC, ci	14.4	27	17	55
	465	QUSEIR	350	12	20	03	0	6	cs	13.4	27	16	52
	641	PORT SÛDÂN	90	7	20	02	1	3	Sc, cu	10.8	30	23	66
North Sudan	600	WÂDI ḤALFA	10	3	20	02	0	1	ci	8.8	33	13	30
	640	ABU ḤAMAD	90	2	24	02	0	0	—	6.7	33	7	20
	660	KAREIMA	00	0	21	02	0	0	—	6.8	35	10	22
	680	'AṬBARA	350	5	20	01	0	0	—	5.0	36	6	15
	721	KHARṬOÛM	50	10	20	02	0	0	—	4.4	36	7	17
	730	KASSALA	130	4	20	02	0	1		3.1	37	1	11
Central Sudan	751	WÂD MEDANI	270	5	20	02	0	0	—	3.4	37	4	13
	801	RENK											
	802	ROSEIRES	310	9	20	02	0	2	cu	3.5	28	7	27
	771	EL OBEID	30	9	20	02	0	0	—	3.6	35	5	15
	760	EL FASHER	330	7	40	03	0	1	ci	4.1	35	8	19
	770	GENEINA	30	1	50	02	0	0	—	5.7	33	-1	11
S. Sûdân	840	MALAKÂL	100	10	21	02	1	1	cu	2.9	37	3	12
	880	WÂU	60	10	20	03	1	3	cu, ci	1.7	37	9	18
	941	JUBA	90	6	24	02	2	7	cu, cs	1.1	37	11	20

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.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	300	6	10	02	0	2	Sc	20.8	16	8	22	-1	69	tr
SÎDI BARRÂNI	330	13	15	01	1	2	cu	20.0	18	12	21		68	0
MATRÛḤ (A)	320	13	10	02	0	2	Sc, cu	20.3	18	8	22		52	0
EL ḌAB'AA	340	8		00	0	0	—	19.7	18	10	22		60	0
ALEXANDRIA	310	10	20	01	1	0	—	19.6	20	11	24	+1	56	0
ALEXANDRIA (A)	340	7	12	01	2	3	Sc	18.9	19	11	23	0	60	0
DAMIETTA	340	2		01	1	5	cu	18.3	19	14	22	-1	73	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	90	2		01	1	0	—	21.4	17	11	23	-1	68	0
MANṢÛRA	320	3		00	0	0	—	18.8	18	13	26	+1	73	0
ṬANṬA	310	2	20	01	0	0	—	19.8	16	12	24	-1	77	0
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	18.6	20	13	26		64	0
ZAGAZIG	00	0	10	01	1	0	—	17.9	19	14	25	+1	73	0
ISMA'ILÎA														
CAIRO (A)	20	5	12	02	0	0	—	18.9	17	14	23		83	0
CAIRO ALMÂZA (A)														
CAIRO EZBEKÎYA											24	0		0
GIZA											24	0		0
ḤELWÂN	360	7	6	05	4	0	—	18.3	19	14	23	-1	73	0
FAYOÛM	360	4	20	02	1	3	cc	17.4	19	13	25	0	68	0
MINYA (A)	360	9	7	02	0	0	—	16.6	19	13	27	+2	68	0
AṢYOÛṬ (A)	300	8	10	02	0	0	—	16.0	19	14	28	+2	73	0
NAG' ḤAMÂDI	00	0		01	0	2	AS	13.8	19	14	29	+2	73	0
QENA	270	2		00	0	0	—	12.7	24	6	29	+1	32	0
LUXÔR (A)														
ASWÂN														
SÎWA	340	5	14	02	0	0	—	20.8	18	6	25	+1	46	0
BAḤARÎYA	20	6	10	02	0	0	—	18.8	19	12	26	+1	64	0
FARAFRA	10	4	12	00	1	0	—	19.7	19	10	26		56	0
DAKHLA	340	9	5	02	2	0	—	16.2	24	6	31	+5	32	0
KHARGA	360	8	6	03	1	3	ci	13.4	24	5	32	+5	30	0
SUEZ	360	3	10	01	0	0	—	17.0	20	15	24	-1	73	0
TÔR														
HURGHÂDA	300	7	10	01	2	5	AS	14.2	21	9	27	+3	47	0
QUSEIR	300	4	20		2	4	ci	14.0	22	19	28	+2	83	0
PORT SÛDÂN											31			0
WÂDI ḤALFA											34			0
ABU ḤAMAD														
KAREIMA											37			0
'AṬBARA	10	4	20	02	0	0	—	7.6	27	8	36		30	0
KHARṬOÛM	20	6	20	02	0	0	—	7.2	30	6	36		22	0
KASSALA	00	0	20	02	0	0	—	7.7	24	7	38		34	0
WÂD MEDANI											38			
RENK											39			
ROSEIRES											39			
EL OBEID	70	4	20	02	0	0	—	8.6	25	7	35		32	0
EL FASHER	50	3	20	01	0	0	—	7.3	27	7	35		28	0
GENEINA	350	5	50	01	1	2	cs	9.5	23	2	35		26	0
MALAKÂL	80	4	20	02	1	3	AC, cs	7.1	26	14	39		48	0
WÂU	00	0	20	01	2	4	cs	4.8	29	17	37		49	0
JUBA	00	0	24	01	2	3	ci	4.3	25	16	38		58	0

At 0600 on MONDAY 26th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOÛM	270	16	18	03	1	5	Sc	20.0	+2.6	12	6	12	-1	67	0	20	
SÎDI BARRÂNI	240	12	15	03	1	7	cb	19.4		14	10	12		77	0	29	
MATRÛḤ (A)	280	16	14	03	0	2	Sc, cu	19.0	+1.1	15	9	12		68	0	40	
EL ḌAB'AA	250	5	10	00	0	1	cc	19.0		15	9	12		68	0	18	
ALEXANDRIA	270	4	20	03	0	2	Sc	19.6	+0.7	20	8	18	+3	86	0	6	25
ALEXANDRIA (A)	310	8	16	02	0	3	Sc	18.2	+0.8	19	10	15	+1	56	0	10	29
DAMIETTA	100	2	10	00	0	0	—	18.4	+1.2	15	13	11	-3	88	0	18	19
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	9	10	01	1	3	cu	18.6	+0.3	16	10	11	-1	68	0	2	14
MANṢÛRA	00	0		00	0	0	—	18.7	+1.0	14	12	14	+1	88	0	do	8
ṬANṬA	00	0	20	02	0	0	—	19.6	+1.2	13	11	9	-2	88	0	1	7
SHEBÎN EL KÔM	240	2	10	00	0	0	—	18.8	+0.6	14	10	13		77	0	0	
ZAGAZIG	00	0	10	02	0	0	—	18.9	+0.8	15	11	9	-2	77	0	0	6
ISMA'ILÎA	290	2	20	02	0	0	—	18.8		14	12	11		88	0	0	
CAIRO (A)	230	3	16	02	0	0	—	19.2		16	11	11		72	0	do	
CAIRO ALMÂZA (A)	300	2	10	00	0	0	—	18.9	+1.0	17	11	11	-2	68	0	0	
CAIRO EZBEKÎYA										16	10	12	-1	68	0	do	2
GIZA	00	0	10	01	—	0	—	19.5	+1.5	15	12	9	-2	82	0	do	5
ḤELWÂN	00	0	6	02	0	0	—	19.2	+0.7	14	10	12	-1	77	0	do	2
FAYOÛM	00	0	20	02	0	0	—	19.5	+1.2	14	10	12	+1	77	0	0	0
MINYA (A)	360	7	8	02	0	0	—	19.2	+1.0	14	10	11	+1	77	0	0	
AṢYOÛṬ (A)	310	3	5	10	0	0	—	18.8	+0.5	13	12	12	+1	94	0	0	
NAG' ḤAMÂDI	00	0		01	0	2	AS	16.7	-0.3	18	8	10	0	52	0	0	
QENA	290	2	10	00	0	0	—	16.0	-1.3	17	13	13	+1	77	0	0	
LUXÔR (A)	00	0	22	02	0	0	—	15.5	-1.3	18	11	13		64	0	0	
ASWÂN	00	0	12	02	0	6	AC, ci	14.9	-2.1	21	10	15	0	50	0	0	
SÎWA	00	0	16	03	1	4	Sc	21.9	+2.6	10	7	8	0	82	0	0	1
BAḤARÎYA	00	0	20	02	0	0	—	20.2	+1.2	14	10	9	-1	77	0	0	2
FARAFRA	00	0	15	02	0	0	—	22.0		12	8	9		77	0	0	
DAKHLA	350	9	14	03	0	1	ci	19.8	+1.2	17	7	14	+4	52	0	0	
KHARGA	360	10	10	01	1	1	cc	16.3	-1.5	19	8	17	+6	49	0	0	
SUEZ	330	2	20	00	0	0	—	18.3	+1.1	15	13	10	-4	88	0	do	5
TÔR																	2
HURGHÂDA	310	10	20	02	0	2	AC	15.4	-0.4	20	12	16	+1	60	0	0	
QUSEIR	340	10	20	01	1	3	As, ci	15.1	-1.2	22	13	20	+2	67	0	0	2
PORT SÛDÂN	350	5	20	03	1	5	Sc	13.6		27	23	22		79	0		
WÂDI ḤALFA	10	5	20	03	0	4	cs	14.5		18	9	15		56	0		
ABU ḤAMAD																	
KAREIMA	30	2	21	03	0	2	ci	11.6		23	7	20		36	0		
'AṬBARA	20	10	20	03	0	1	AC	10.9		24	11	19		44	0		
KHARṬOÛM	20	12	20	00	0	1	ci	9.6		25	6	21		30	0		
KASSALA	280	1	20	02	0	0	—	10.9		24	12	16		47	0		
WÂD MEDANI	360	5	20	02	0	0	—	10.4		24	5	18		30	0		
RENK	50	2	10	02	0	0	—	10.6		26	8	17		32	0		
ROSEIRES	310	5	20	02	0	0	—	9.2		22	16	17		69	0		
EL OBEID	360	8	20	03	0	2	ci	9.6		23	6	18		34	0		
EL FASHER	00	0	30	03	0	7	cs	12.8		20	7	15		43	0		
GENEINA	40	12	50	01	0	1	cs	13.6		20	6	14		41	0		
MALAKÂL	20	6	20	03	1	3	ci	9.0		25	13	17		48	0		
WÂU	00	0	20	02	2	7	cs	8.4		22	18	19		78	0		
JUBA	180	4	10	04	2	7	AC, cs	8.2			15	19			0		

RETARDS — DATE

* 0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Cairo (A)		Minya		Asyout		Siwa		Bahariya		Farafra		Dakhla		Hurghada		Alex. (A)	
DATE	26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11		26-11	
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
300 m.	280	14	300	13	360	10	360	14	330	15	300	24	340	17	350	9	360	23	340	25	300	17
600 m.	280	18	290	14	320	10	350	8	350	19	300	13	340	19	10	9	360	32	300	12	300	25
1000 m.	280	18	280	14	320	8	350	17	360	17	290	10	340	23	10	12	360	26	260	11	300	23
1500 m.	280	21	280	14	320	11	350	11	360	17	320	10	350	20	350	10			270	8	310	23
2100 m.	290	16	280	20	250	15	260	7	290	5	280	18			320	5			280	12		
2400 m.	300	21	280	21	250	16	280	7	270	8	290	16			240	4			300	11		
3000 m.			280	27	260	21	240	16	260	16	300	25			240	4			260	13		
4000 m.			260	35	240	27					300	23			260	11						
5000 m.			250	47	240	37																
6000 m.			250	43	250	39																

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Siwa		Dakhla											
DATE	27-11		27-11		27-11		27-11		27-11		27-11											
TIME	4		5		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	9	280	8	10	9	350	12	300	23	350	28										
600 m.	300	12	300	6	340	18	350	20	310	13	330	55										
1000 m.	290	21	320	9	360	16	360	23	320	12	350	68										
1500 m.	290	19	320	5	350	17	340	19	360	7												
2100 m.			270	16	330	8			310	10												
2400 m.					330	14			280	25												
3000 m.					300	14			280	31												
4000 m.									280	31												
5000 m.																						
6000 m.																						

STATION	Salloum		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla		Hurghada			
DATE	27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11			
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.	290	19	270	8	330	9	320	10	350	9	310	14	360	10	270	11	360	14	320	15		
600 m.	290	19	290	12	340	14	350	16	60	7	300	16	350	10	360	13	360	16	330	14		
1000 m.	290	17	280	12	340	16	360	12	120	6	290	13	340	5	350	12	10	13	330	10		
1500 m.	320	13	290	7	40	9	340	14	210	3	300	14	310	11	340	10	330	14	240	11		
2100 m.	280	11			270	13	270	8	260	5	320	17	310	9					260	13		
2400 m.					290	18	280	8	180	19	310	21	220	10					240	16		
3000 m.					270	19	290	5	230	24			280	17								
4000 m.					270	20							290	34								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	26-11					26-11														
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	21				25	19													
1000 mb.	157	20		340	8	157	18		310	13										
950 mb.																				
900 mb.																				
850 mb.	1531	8		320	11	1578	6		280	14										
800 mb.																				
700 mb.	3125	1		260	21	3080	-3		280	27										
600 mb.																				
500 mb.	5765	-17		250	38	5678	-17		250	52										
400 mb.	7405	-27		250	51	7312	-29		250	63										
300 mb.	9399	-44		250	53	9297	-45		250	51										
200 mb.	12010	-62		260	99	11890	-64		270	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 *Tuesday 27th November*, 1956

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: _____ التنبؤات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 . 30 U.T. / " " Sunset 14 . 55 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.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	290	16	18	01	1	3	Ac,Ci	17.9	21	7	41
	303	SÎDI BARRÂNI	270	17	18	03	2	3	Cu,Sc	17.7	20	12	60
	306	MATRÛH (A)	340	10	16	01	2	6	Cu,Sc	17.6	20	10	53
	309	EL DAB'AA	320	15	20	00	0	5	Ac	17.9	21	18	83
	319	ALEXANDRIA	270	13	20	03	0	4	Cu,Ci	17.2	21	12	57
	318	ALEXANDRIA (A)	300	15	12	01	8	2	Cu,Sc	16.9	22	13	57
	330	DAMIETTA	320	5	20	03	1	5	Cu	16.8	21	10	50
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	9	10	03	1	5	Cu	17.0	22	11	50
	342	MANṢÛRA	270	3		03	1	5	Cu	16.7	23	6	34
	348	ṬANṬA	220	4	20	03	2	6	Cu	17.8	22	11	50
	360	SHEBÎN EL KÔM	320	5	20	01	1	2	Cu,Ac,Ci	17.1	23	5	32
	354	ZAGAZIG	40	1	20	01	1	2	As	16.9	22	13	57
	441	ISMA'ILÎA	320	2	20	03	1	4	Sc,Cu	17.2	24	9	38
Cairo Area	366	CAIRO (A)	340	6	16	03	0	3	Cu	17.0	22	8	41
	372	CAIRO ALMÂZA (A)	310	6	18	02	0	2	Cu	16.9	22	8	41
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	8	10	03	0	1	Cu	16.8	22	9	44
	378	ḤELWÂN	320	5	10	02	0	1	Cu	17.2	21	7	41
Upper Egypt	381	FAYOÛM	360	4	20	02	0	0	—	17.6	22	7	38
	387	MINYA (A)	360	13	10	02	0	0	—	17.0	24	5	30
	393	AṢYOÛṬ (A)	340	8	30	02	0	0	—	16.1	23	5	32
	399	NAG' ḤAMÂDI	290	3	10	01	0	2	Ac	13.3	25	15	54
	402	QENA	290	2	20	00	0	0	—	13.1	26	10	37
	405	LUXOR (A)	320	6	22	02	0	0	—	12.7	28	11	35
	414	ASWÂN	350	12	16	01	0	3	Ac,Ci	11.2	30	14	38
Oases	417	SÎWA	340	9	16	01	1	3	Sc,Cu	19.9	20	6	41
	420	BAḤARÎYA	30	2	30	02	0	0	—	17.1	21	10	50
	423	FARAFRA	20	4	20	02	0	0	—	19.5	21	1	27
	432	DAKHLA	350	13	14	01	0	1	Ci	17.1	22	3	29
	435	KHARGA	360	10	12	01	1	1	Ci	13.9	24	6	32
Red Sea	450	SUEZ	20	2	50	03	0	3	Cu	16.4	23	10	44
	459	TÔR											
	462	HURGHÂDA	350	15	20	02	0	1	Ci	12.9	24	15	57
	465	QUSEIR	350	11	20	02	0	3	Ac,Cs	12.7	25	14	51
	641	PORT SÛDÂN	90	7	20	01	8	3	Sc	10.7	30	14	38
North Sudan	600	WÂDI ḤALFA	20	10	20	03	2	7	Cs	10.9	30	12	25
	640	ABU ḤAMAD	310	2	24	03	2	7	Cs	7.4	34		
	660	KAREIMA	00	0	20	03	0	5	Cs	7.1	35	8	19
	680	'AṬBARA	320	5	20	03	0	5	Cs	6.1	35	5	15
	721	KHARṬOÛM	350	11	20	03	0	4	Cs	4.	36	2	12
	730	KASSALA	30	2	20	02	0	0	—	4.6	36	5	14
Central Sudan	751	WÂD MEDANI	310	9	20	02	2	1		4.5	36	2	12
	801	RENK	50	2	20	02	0	3	Ac	5.2	39	6	13
	802	ROSEIRES	50	5	20	02	0	2	Cu	2.5	38	3	11
	771	EL OBEID	40	6	20	03		6	Cs	4.4	34	5	16
	760	EL FASHER	50	6	35	02	2	5	Cs	5.5	33	6	19
	770	GENEINA	00	0	50	03	1	4	Cs	6.3	33		
S. Sûdân	840	MALAKÂL	20	6	20	03	2	7	Cu,Cs	4.2	37	6	14
	880	WÂU	360	3	20	02	2	7	Cu,Cs	3.4	35	17	35
	941	JUBA	20	3	20	04	2	7	Cu,Cs	2.2	37	13	24

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.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	00	0	12	01	1	2	Sc,Ac	17.9	17	10	22	-1	84	0
SÎDI BARRÂNI	290	14	12	18	2	5	Sc	17.3	18	14	21		78	0
MATRÛH (A)	290	8	12	02	1	3	Sc	17.7	15	10	21		72	0
EL DAB'AA	320	11		00	0	3	Ci	18.4	18	16	23		88	0
ALEXANDRIA	310	10	3	01	5	2	Cu	17.9	19	12	22	-1	64	dr
ALEXANDRIA (A)	280	5	12	02	[illegible]	2	Cu	17.5	18	12	23	0	68	dr
DAMIETTA	320	2		00	0	0	—	16.9	20	11	21	-1	56	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	230	2		02	1	4	Cu	17.2	16	12	24	0	77	0
MANṢÛRA	00	0		00	0	0	—	17.8	18	10	25	+1	60	0
ṬANṬA	00	0	20	02	0	0	—	18.0	14	12	25	+1	88	0
SHEBÎN EL KÔM	320	2	10	01	1	1	Sc	17.4	18	13	24		73	0
ZAGAZIG	00	0	10	02	0	0	—	17.2	18	13	24	0	73	0
ISMA'ILÎA														
CAIRO (A)	360	3	12	02	0	2	Sc	17.8	16	9	22		64	0
CAIRO ALMÂZA (A)											23	-1		0
CAIRO EZBEKÎYA											23	-1		0
GIZA											24	0		0
ḤELWÂN	00	0	10	02	1	2	Ac	17.9	17	7	21	-2	52	0
FAYOÛM	00	0	20	02	0	0	—	17.5	15	10	22	-3	72	0
MINYA (A)	330	4	[illegible]	[illegible]	0	0	—	17.1	14	6	24	-1	59	0
AṢYOÛṬ (A)	300	7	10	[illegible]	0	6	—	16.9	15	8	24	-2	63	0
NAG' ḤAMÂDI	00	0		01	0	2	Ac	15.0	19	12	25	-2	64	0
QENA	290	3		00	0	0	—	14.7	20	8	26	-2	46	0
LUXOR (A)														
ASWÂN	360	9	12	01	0	0	—	13.3	24	5	31	+2	30	0
SÎWA	270	2	14	02	0	1	Ci	20.0	14	5	21	-3	55	0
BAḤARÎYA	320	4	10	02	0	0	—	18.7	16	6	22	-2	52	0
FARAFRA	320	2	12	02	0	0	—	20.6	16	4	22		45	0
DAKHLA	310	11	5	02	0	0	—	18.6	17	1	23	-3	34	0
KHARGA	00	0	6	02	0	0	—	15.1	18	4	25	-2	30	0
SUEZ	360	1	10	01	0	0	—	16.7	19	14	23	-1	73	0
TÔR														
HURGHÂDA	320	15		02	0	0	—	14.2	20	12	25	+1	60	0
QUSEIR	300	10	20	01	2	2		14.8	22	13	25	-1	57	0
PORT SÛDÂN	70	2	20	01	1	1	Sc	13.0	29	23	31		70	0
WÂDI ḤALFA	350	14	20	01	1	3	Ci	13.4	23	9	31		41	0
ABU ḤAMAD	00	0	24	01	2	0	—	9.7	27	7	34		28	0
KAREIMA	310	1	21	01	2	0	—	10.0	27	7	35		28	0
'AṬBARA	10	5	20	01	1	0		9.1	27	11	35		37	0
KHARṬOÛM	40	5	18	05	2	1	Ci	8.1	29	9	37		29	0
KASSALA	60	2	20	02	0	0	—	8.8	25	8	36		34	0
WÂD MEDANI											37			
RENK											39			
ROSEIRES											39			
EL OBEID	70	2	20	01	1	1	Ci	8.6	25	5	35		28	0
EL FASHER	30	5	20	03	2	7	Cs	7.9	26		35			0
GENEINA	360	4	50	01	1	1	Ci	9.3	25	3	35		24	0
MALAKÂL	190	6	20	02	2	7	Cs	7.2	27	15	38		48	0
WÂU	00	0	20	01	2	0	—	5.9	28	16	38		49	0
JUBA	90	1	20	04	2	7	Ac,Cs	6.3	26	17	37		58	0

At 0600 on TUESDAY 27th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOÛM	270	16	18	01	0	1	Cu	17.9	+0.5	12	8	11	-2	77	0	20	
SÎDI BARRÂNI	220	12	15	02	9	6	Cb	17.1		12	10	10		88	2	32	
MATRÛH (A)	280	10	14	02	2	7	As,Ac	16.3	-1.6	14	9	11		72	0	40	
EL DAB'AA	250	12	10	00	0	1	Ci	17.2		13	7	10		67	0	18	
ALEXANDRIA	00	0	10	03	6	5	Cu,Sc	17.8	-0.5	16	12	14	-1	77	7	13	26
ALEXANDRIA (A)	220	8	12	02	6	6	Cu,Sc	17.0	-0.5	15	12	14	+1	82	2	13	30
DAMIETTA	220	6		03	1	5	Sc	17.4	+0.2	15	11	11	-3	77	0	18	19
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	10	01	1	4	Cu	17.2	-1.2	15	11	12	0	77	0.1	2	14
MANṢÛRA	00	0		03	1	6	Cu	17.5	-0.2	15	11	12	-1	77	0	dr	8
ṬANṬA	200	3	20	01	1	4	Cu	18.3	-0.2	13	11	9	-2	88	0	1	7
SHEBÎN EL KÔM	320	2	10	02	2	2	Sc	17.8	-0.4	14	10	13		77	0	0	
ZAGAZIG	00	0	10	02	0	0	—	17.9	-0.3	14	12	8	-3	88	0	0	6
ISMA'ILÎA	160	1	20	03	2		As	18.0		14	10	11		77	0	0	
CAIRO (A)	240	3	12	02	2	7	Cs	17.9		16	12	12		77	0	dr	
CAIRO ALMÂZA (A)	200	2	15	00	2	7	Cs	18.0	0.0	15	12	12	-1	82	0	0	
CAIRO EZBEKÎYA										19	12	12	-1	68	0	dr	3
GIZA	180	4	8	02	—	5	Ci	18.4	+0.3	15	12	9	-1	82	0	dr	5
ḤELWÂN	00	0	3	05	4	6	Ci	18.3	-0.3	13	11	12	-1	88	0	dr	3
FAYOÛM	00	0	20	02	0	0	—	18.8	+0.4	14	10	10	-1	77	0	0	0
MINYA (A)	320	3	5	03	1	6	Ci	18.9	+0.7	13	6	8	-2	63	0	0	
AṢYOÛṬ (A)	300	4	12	02	0	0	—	18.4	0.0	12	9	9	-2	82	0	0	
NAG' ḤAMÂDI	00	0		01	0	3	Ac,Cs	17.4	+0.3	15	9	11	+1	68	0	0	
QENA	270	2	20	01	0	2		17.1	-0.3	15	9	10	-2	68	0	0	
LUXOR (A)	00	0	22			0	—	16.7	-0.2	16	8	10		59	0	0	
ASWÂN	350	10	12	02	0	0	—	14.4	-2.6	17	8	15	0	56	0	0	
SÎWA	280	3	16	02	1	4	Ac,Ci	19.6	+0.3	10	4	9	+1	67	0	0	1
BAḤARÎYA	00	0	20	02	2	7	Ac,As	19.3	+0.2	13	7	10	+1	67	0	0	2
FARAFRA	240	2	15	03	1	6	Ac,As	21.3		10	12	8		58	0	2	
DAKHLA	310	8	14	03	1	4	Ci	19.6	+0.9	15	1	10	0	29	0	0	
KHARGA	00	0	10	03	1	2	Ci	17.0	-0.9	15	5	11	0	32	0	0	
SUEZ	330	1	20	00	0	5	Cu	16.4	-0.9	15	9	9	-5	68	0	dr	5
TÔR																	3
HURGHÂDA	280	7	22	00	0	1	Cu	15.4	-0.5	18	10	14	0	60		0	
QUSEIR	320	15	20	02	0	2	As	15.5	-0.9	21	9	17	-1	47	0	0	3
PORT SÛDÂN	330	5	20	03	0	4	Sc,Cs	13.1		27	22	23		74	0		
WÂDI ḤALFA	360	12	20	02	6	4	Ci	16.3		16	7	13		48	0		
ABU ḤAMAD	360	5	24	03	0	4	Ci	12.1		23	9	19		41	0		
KAREIMA	360	2	21	03	1	3	Cs	12.7		21	5	19		35	0		
'AṬBARA	60	5	20	02	1	7	Cs	10.5		24	13	18		50	0		
KHARṬOÛM	340	5	18	05	1	5	Ci	16.6		25	8	21		34	0		
KASSALA	110	4	20	02	0	1		8.8		21	12			57	0		
WÂD MEDANI	60	9	20	02	0	0	—	10.4		24	7	17		34	0		
RENK	40	2	20	02	0	1	Ac	10.7		28	8	17		29	0		
ROSEIRES	230	5	20	02	0	1	Ci	9.6		23	14	16		61	0		
EL OBEID	360	8	20	03	0	4	Ac,Ci	11.0		22	5	18		33	0		
EL FASHER	290	1	30	02	2	7	As	13.7		18	1	13		32	0		
GENEINA	50	10	50	02	0	1	Ci	14.4		18	3	15		24	0		
MALAKÂL																	
WÂU	00	0	20	02	0	1	Ci	9.1		22	17	19		74	0		
JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla		Hurghada			
DATE	27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11		27-11			
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.	320	14	310	10	350	8	330	15	330	10	310	15	320	22	340	9	340	17	340	16		
600 m.	310	13	290	10	350	11	330	18	340	8	310	13	310	20	340	10	340	16	320	20		
1000 m.	310	13	280	10	330	11	330	17	320	7	320	11	310	16	340	10	330	14	290	13		
1500 m.	310	12	260	8	310	17	340	15	190	5	330	12	320	12	350	14	340	19	250	15		
2100 m.	310	13	240	9	280	13			260	6	330	22	340	10	310	22	320	25	220	11		
2400 m.	310	14	240	10	280	17					320	22	360	10	320	18			200	22		
3000 m.	310	16	240	19	260	25					300	18	310	26								
4000 m.	290	22	240	35							290	23	310	29								
5000 m.	290	27	240	43									260	47								
6000 m.	270	29	240	45																		

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Siwa		Dakhla										Hurghada	
DATE	28-11		28-11		28-11		28-11		28-11		28-11										28-11	
TIME	4		5		2		2		2		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.	350	10	290	10	360	12	340	12	30	6	340	11									320	36
600 m.	340	12	310	10	340	18	350	15	360	5	360	14									320	28
1000 m.	20	5	310	10	350	19	340	16	350	7	360	27									320	27
1500 m.			310	11	330	11	330	15	330	10											280	13
2100 m.			310	24	330	11	250	10	320	14											250	15
2400 m.					310	13	250	10	270	12											230	18
3000 m.									350	15											230	33
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex.(A)		Cairo(A)		Heluan		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11	
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.	290	5	20	6	260	6	240	4	350	9	330	4	350	11	20	4	320	7	330	7	360	7
600 m.	330	4	10	7	220	5	320	10	350	[illegible]	10	18	360	16	20	4	310	7	10	10	360	11
1000 m.	320	4	350	8	330	9	340	12	360	13	350	19	350	9	360	4	360	7	10	12	20	21
1500 m.	340	9	330	13	340	11	350	14			350	19	340	17	350	6	10	10	340	7	350	16
2100 m.	60	7			350	14	360	13			10	13	280	4	10	9	20	12	360	11		
2400 m.	50	6			350	9	360	13			320	13	260	5	30	8	50	13	270	9		
3000 m.					330	12							210	14	350	10	10	8	330	10		
4000 m.					340	11									360	17	360	9				
5000 m.															310	17						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	27-11					27-11														
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	70	20				25	17													
1000 mb.	148	20		330	10	148	16		350	9										
950 mb.																				
900 mb.																				
850 mb.	1579	8		260	8	1506	7		310	12										
800 mb.																				
700 mb.	3092	-1		240	19	3069	-4		310	16										
600 mb.																				
500 mb.	5696	-18		240	42	5627	-23		280	20										
400 mb.	7330	-29		240	56	7221	-36		280	25										
300 mb.	9311	-45		240	63	9209	-41		290	26										
200 mb.	11940	-56				11870	-54		290	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 WEDNESDAY 28th NOVEMBER, 1956

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: _____ التنبؤات المتوقعة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 31 U.T. / " " Sunset 14 55 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.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	320	15	16	50	1	7	Cu, Sc, Ac	17.4	21	9	47
	303	SÎDI BARRÂNI	320	16	18	02	2	6	Cu, Sc	16.2	19	13	68
	306	MATRÛH (A)	340	12	14	01	6	5	As	16.3	18	11	64
	309	EL DAB'AA	320	14	20	00	0	4	Ac	17.0	19	12	64
	319	ALEXANDRIA	270	14	20	03	1	6	Cu, Ac	16.2	19	9	52
	318	ALEXANDRIA (A)	280	13	12	02	2	5	Cu, Sc	15.7	21	11	53
	330	DAMIETTA	180	2	3	21	8	7	Cu, Sc	16.0	18	15	83
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	320	9	10	01	1	3	Cu	15.8	22	11	50
	342	MANSÛRA	340	2		03	1	6	Cb	15.9	21	10	50
	348	ṬANṬA	310	4	20	03	8	6	Cu	16.4	21	10	50
	360	SHEBÎN EL KÔM	320	5	20	01	1	2	As	16.3	22	13	57
	354	ZAGAZIG	00	0	20	02	2	8	Sc	16.0	24	15	73
	441	ISMA'ILÎA	270	3	20	02	2	8	Ac	16.2	21	10	50
Cairo Area	366	CAIRO (A)	320	9	16	01	2	6	Cu, Ac, Cs	16.4	20	7	43
	372	CAIRO ALMÂZA (A)	340	10	24	01	2	7	Cu, Sc, Cs	16.2	20	5	38
	374	CAIRO EZBEKÎYA											
	375	GIZA	360	7	10	01	2	6	Sc, Ac, Ci	16.6	21	7	41
	378	ḤELWÂN	320	6	20	02	2	8	Sc, Cs	16.4	20	3	33
Upper Egypt	381	FAYOÛM	330	4	20	02	2	6	Ac	16.8	21	7	41
	387	MINYA (A)	340	10	10	01	2	5	Ci	16.8	22	5	33
	393	AṢYOÛṬ (A)	320	7	12	03	0	4	Ci	16.3	21	5	35
	399	NAG' ḤAMÂDI	290	2	10	01	0	4	Ac, Ci	14.7	23	10	44
	402	QENA	270	2	20	03	1	2	Ci	14.0	23	10	44
	405	LUXOR (A)	00	0	22	02	0	0	—	13.4	26	10	37
	414	ASWÂN	360	12	14	02	0	0	—	12.6	25	12	45
Oases	417	SÎWA	340	12	16	03	0	1	Cu	17.7	20	7	43
	420	BAḤARÎYA	320	4	20	02	2	6	Ac	17.1	21	8	44
	423	FARAFRA	340	1	20	01	0	1	Ci	18.9	20		
	432	DAKHLA	340	12	15	01	1	2	Cs	17.5	21	12	57
	435	KHARGA	340	5	15	03	1	3	Ci	13.9	24	4	28
Red Sea	450	SUEZ	330	2	50	01	0	4	Cu	15.8	22	11	50
	459	TÔR											
	462	HURGHÂDA	350	13	22	03	0	4	Sc	12.3	24	13	50
	465	QUSEIR	350	7	20	01	0	1	Cs	13.8	24	12	47
	641	PORT SÛDÂN	90	10	20	01	2	5	Sc, Cs	10.1	30	23	66
North Sudan	600	WÂDI ḤALFA	10	12	20	01	1	2	Ac	12.9	27	8	30
	640	ABU ḤAMAD	00	0	24	03	1	4	Cu, Ci	7.5	32	10	26
	660	KAREIMA	300	4	20	02	8	3	Cb	8.9	33	7	28
	680	'AṬBARA	330	4	20	02	2	7	Cs	5.8	35	8	19
	721	KHARṬOÛM	350	5	20	02	2	7	Cs	5.7	35	7	18
	780	KASSALA	60	6	20	03	1	7	Cs	5.1	35	7	18
Central Sudan	751	WÂD MEDANI	360	9	20	02	2	6	Ci	6.1	35	3	13
	801	RENK	310	5	20	02	0	3	Ac	5.5	26	11	22
	802	ROSEIRES	130	5	20	02	0	1	Ci	2.3	37	8	17
	771	EL OBEID	360	5	20	02	1	6	Ci	5.6	33	3	15
	760	EL FASHER	360	6	15	06	2	5	Ac, Cs	6.7	31	3	17
	770	GENEINA	50	7	50	02	0	3	Ac, Cs	7.2	32	0	13
S. Sûdân	840	MALAKÂL	80	9	20	01	2	7	Cs	4.0	27	5	13
	880	WÂU	360	4	20	03	2	7	Cs	3.1	35	13	27
	941	JUBA	60	4	20	06	0	2	Cu, Ci	1.2	37	13	24

At 1800 on 27th

Station	Wind Direction Deg.	Wind Velocity in 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	10	12	02	2	5	Sc	18.5	14	10	21	-2	77	0
SÎDI BARRÂNI	320	5	15	01	1	4	Cb	17.9	16	14	19		88	0
MATRÛH (A)	280	8	10	02	8	1	Sc, Cu	17.8	14	12	20		88	0.2
EL DAB'AA	340	4		00	0	2	As	17.2	16	10	20		68	0
ALEXANDRIA	00	0	20	01	1	3	Cu, Sc	17.8	17	11	21	-2	68	0
ALEXANDRIA (A)	00	0	12	03	0	5	Cu	16.9	16	11	22	-1	72	0
DAMIETTA	200	2		01	1	0	—	16.2	16	12	20	-2	77	dr
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	230	2		02	0	2	Ci	16.4	15	11	23	-1	77	0
MANSÛRA	00	0		00	0	0	—	16.6	16	10	22	-2	68	0
ṬANṬA	240	2	20	02	0	0	—	17.5	13	9	23	-1	77	0
SHEBÎN EL KÔM	320	2	10	00	0	0	—	16.7	16	10	23		68	0
ZAGAZIG	00	0	10	02	0	0	—	15.9	17	15	22	-2	88	0
ISMA'ILÎA														
CAIRO (A)	290	5	12	01	2	3	Ac	17.1	17	6	21		49	0
CAIRO ALMÂZA (A)														
CAIRO EZBEKÎYA											~~22~~	~~-1~~		
GIZA											22	-1		
ḤELWÂN	00	0	10	01	2	0	—	17.6	17	4	20	-3	42	0
FAYOÛM	360	4	20	02	2	6	Ac	17.5	15	8	21	-4	63	0
MINYA (A)	00	0	8	02	0	0	—	17.7	14	8	23	-2	67	0
AṢYOÛṬ (A)	00	0	10	02	0	0	—	17.5	15	6	22	-4	55	0
NAG' ḤAMÂDI	00	0		00	0	0	—	16.2	16	10	25	-2	68	0
QENA	290	3		00	0	0	—	15.1	18	8	25	-3	52	0
LUXOR (A)														
ASWÂN	350	10	10	02	0	0	—	14.0	22	0	27	-1	23	0
SÎWA	310	2	14	02	1	3	Sc	18.6	15	7	21	-3	59	0
BAḤARÎYA	320	2	10	02	2	0	—	18.6	14	6	21	-3	59	0
FARAFRA	350	1	12	02	0	0	—	20.3	16	0	21		55	0
DAKHLA	310	5	5	02	0	0	—	18.7	16	-1	22	-4	32	0
KHARGA	00	0	5	02	0	0	—	16.2	17	1	24	-3	34	0
SUEZ	330	2	10	03	0	6	Cu	15.9	20	11	23	-1	56	0
TÔR														
HURGHÂDA	300	7	10	02	0	0	—	14.0	17	10	24	0	64	0
QUSEIR	300	8	10	01	0	0	—	14.1	21	12	24	-2	57	0
PORT SÛDÂN	90	8	20	01	1	3	Sc, Cs	11.7	29	23	31		70	0
WÂDI ḤALFA											28			0
ABU ḤAMAD											33			
KAREIMA	310	7	21	01	1	0	—	10.6	26	5	33		27	0
'AṬBARA	360	5	20	01	2	0	—	8.7	27	10	36		35	0
KHARṬOÛM	290	8	20	02	2	7	Cs	8.5	29	7	37		25	0
KASSALA	70	3	20	02	0	0	—	8.0	25	7	35		32	0
WÂD MEDANI											36			
RENK											37			
ROSEIRES											37			
EL OBEID	10	4	20	01	1	0	—	8.3	25	5	33		28	0
EL FASHER											33			0
GENEINA	30	8	30	01	2	3	Cs	9.3	25	1	34		21	0
MALAKÂL	100	4	20	03	2	7	Cs	6.8	26	14	37		48	0
WÂU	40	1	20	01	2	3	Cs	5.6	27	16	36		52	0
JUBA											37			0

At 0600 on WEDNESDAY 28th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOÛM	320	15	18	02	0	2	Ac	20.0	+2.6	13	9	11	-2	77	0	20	
SÎDI BARRÂNI	230	8	15	02	8	6	Sc	19.5		12	10	11		88	3	35	
MATRÛH (A)	270	9	16	02	1	3	Sc, Cu	19.5	+1.6	13	10	10		82	0.2	40	
EL DAB'AA																18	
ALEXANDRIA	360	5	20	03	0	4	Cu	19.5	+1.1	19	9	16	+1	52	0	13	37
ALEXANDRIA (A)	60	3	12	02	1	5	Cu	19.2	+1.7	17	13	12	-1	77	0.3	13	31
DAMIETTA	220	2		03	1	3	Cu	19.0	+1.0	14	12	15	+1	88	dr	18	20
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	10	03	0	3	Cu	19.2	+0.8	14	10	10	-2	77	0	2	15
MANSÛRA	00	0		00	0	0	—	19.8	+2.0	13	11	10	-2	88	0	dr	9
ṬANṬA	00	0	20	02	0	0	—	20.0	+1.5	12	8	7	-4	77	0	1	7
SHEBÎN EL KÔM	320	2	10	00	0	0	—	19.4	+1.1	13	9	11		77	0	0	
ZAGAZIG	00	0	10	02	0	0	—	19.6	+1.3	13	11	7	-4	88	0	1	6
ISMA'ILÎA	250	3	20	01	0	0		19.8		14	8	11		67	0	0	
CAIRO (A)	230	4	12	03	0	1	Cu	20.1		15	9	12		68	0	dr	
CAIRO ALMÂZA (A)	200	3	10	00	0	1	Sc	19.9	+1.8	16	9	11	-2	64	0	0	
CAIRO EZBEKÎYA										15	10	11	-1	72	0	dr	[illegible]
GIZA	230	2	10	02	—	0	—	20.3	+2.2	14	9	7	-3	72	0	dr	[illegible]
ḤELWÂN	00	0	6	02	0	0	—	20.3	+1.7	13	7	10	-3	67	0	dr	3
FAYOÛM	00	0	20	02	0	0	—	20.7	+2.3	12	9	8	-3	82	0	0	0
MINYA (A)	00	0	10	02	0	0	—	20.4	+2.1	11	6	7	-3	71	0	0	
AṢYOÛṬ (A)	270	3	14	02	0	0	—	20.8	+2.3	12	3	10	0	55	0	0	
NAG' ḤAMÂDI	00	0		01	0	2	As	19.2	+2.0	14	10	9	-1	77	0	0	
QENA	270	2	10	00	0	0	—	19.2	+1.7	15	5	9	-3	52	0	0	
LUXOR (A)	00	0	22	02	0	0	—	18.1	+1.1	18	2	10		34	0	0	
ASWÂN	360	9	12	02	0	0	—	16.1	-1.0	18	9	14	0	56	0	0	
SÎWA	00	0	16	02	0	0	—	20.2	+0.8	8	2	6	-1	66	0	0	1
BAḤARÎYA	00	0	20	02	0	0	—	21.3	+2.1	11	5	6	-3	67	0	0	2
FARAFRA	00	0	14	02	0	0	—	21.9		12	3	5		55	0	0	
DAKHLA	270	4	14	02	0	0	—	21.8	+3.0	13	1	9	-1	44	0	0	
KHARGA	20	1	10	02	0	0	—	18.6	+0.6	14	4	10	-1	52	0	0	
SUEZ	[illegible]	2	20	00	0	0	[illegible]	19.2	+1.9	14	12	9	-4	88	0	dr	5
TÔR																	3
HURGHÂDA	[illegible]		10	02	0		Cu	17.6	+1.8	18	10	14	0	60	0	0	
QUSEIR	310	12	20	02	0	0	—	16.8	+0.4	20	8	17	-1	46	0	0	3
PORT SÛDÂN	310	1	20	01	1	1	Sc	16.4		28	22	23		70	0		
WÂDI ḤALFA	10	9	20	02	0	0	—	18.4		15	5	11		52	0		
ABU ḤAMAD	360	13	20	07	0	0	—	11.6		23	5	20		32	0		
KAREIMA	00	0	21	02	0	0	—	15.2		18	3	16		37	0		
'AṬBARA	350	9	20	02	0	1	Ci	11.5		23	12	20		50	0		
KHARṬOÛM	350	13	20	03	2	5	Cs	12.0		22	7	20		38	0		
KASSALA	290	1	20	02	0	0	—	10.7		25	12	17		45	0		
WÂD MEDANI	360	9	20	02	0	1	Ci	11.7		22	7	15		38	0		
RENK	310	5	20	02	0	0	—	12.6		23	11	16		47	0		
ROSEIRES	310	5	20	02	0	1	Ci	10.7		22	14	21		61	0		
EL OBEID																	
EL FASHER	00	0	20	01	1	2	Cs	15.4		17	3	12		39	0		
GENEINA	50	10	50	02	0	1	Cs	14.9		18	-5	14		20	0		
MALAKÂL	40	12	20	03	1	5	Ac, Cs	10.2		25	9	19		36	0		
WÂU	360	2	20	01	0	0	—	9.8		22	15	19		65	0		
JUBA	50	2	20	01	0	0	—	8.6		26	17	18		58	0		

RETARDS — DATE

*0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Mariut		Alex.(A)		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla			
DATE	28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11		28-11			
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.	350	8	360	10	360	9	350	9	340	17	340	10	360	3	20	7	10	8	20	8		
600 m.	330	7	360	13	360	9	350	10	350	15	360	10	20	4	20	7	10	6	20	11		
1000 m.	300	6	250	13	360	9	10	8	350	17	10	11	30	7	20	6	10	6	20	11		
1500 m.	260	4	290	7	10	9	20	11	360	14	310	9	60	4	30	10	30	3	30	12		
2100 m.	50	3	180	1	20	11	30	16	20	17	340	17	60	4	30	11	300	4	360	10		
2400 m.	40	4			20	10	360	12	30	11	220	13	290	9	60	10	300	3				
3000 m.	220	4			30	5	340	24	270	3	230	17	360	8	360	5	320	5				
4000 m.	280	4			360	17	290	21					340	9	360	7	260	10				
5000 m.	290	10			360	18	10	29							10	7						
6000 m.	290	16			350	18	70	21							310	18						

STATION	Minya		Asyout		Siwa		Dakhla			
DATE	29-11		29-11		29-11		29-11			
TIME	2		2		2		4			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	50	15	300	6	30	3	60	4		
600 m.	50	22	50	14	120	4	60	8		
1000 m.	40	9	30	8	120	4	60	17		
1500 m.	60	11	10	9	120	17				
2100 m.	60	6	40	4	140	17				
2400 m.			60	3	150	17				
3000 m.			360	6	260	22				
4000 m.										
5000 m.										
6000 m.										

STATION	Alex.(A)		Cairo(A)		Helwan		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla		Hurghada			
DATE	29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11			
TIME	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.	170	8	70	8	60	11	290	1	350	6	120	10	70	5	100	6	50	3	330	13		
600 m.	140	5	70	24	70	25	300	2	100	9	240	10	70	9	110	11	60	10	350	4		
1000 m.	120	17	80	24	80	17	70	2	130	10	160	15	70	10	100	10	50	10	30	4		
1500 m.	100	20	170	8	120	11	100	6	170	20	170	20	80	8	170	5			350	4		
2100 m.					80	14	160	11	220	16	230	13	160	13	260	7						
2400 m.					140	7	140	10	200	17	200	10	180	12	360	5						
3000 m.							240	7	220	22	200	14	220	14	240	9						
4000 m.															240	21						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Mariut														
DATE	28-11					28-11														
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	20				25	17													
1000 mb.	165	19		360	8	175	16		360	8										
950 mb.																				
900 mb.																				
850 mb.	1584	7		10	9	1533	6		260	4										
800 mb.																				
700 mb.	3109	1		30	5	3108	1		220	4										
600 mb.																				
500 mb.	5747	-14		350	17	5721	-17		280	13										
400 mb.	7400	-27		220	17	7355	-29													
300 mb.	9402	-33		310	20	9345	-44													
200 mb.	12020	-56		360	42	11960	-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.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 29th NOVEMBER, 1956

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
Cc 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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 31 U.T. / " " Sunset 14 55 U.T.

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

At 1200 on 28 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 Dry Bulb	Temperatures Dew Point	Relative Humidity %
80	3	20	02	1	1	Cu, Sc	18.8	19	11	60
310	7	17	03	3	6	Cu, Sc	18.8	19	12	64
20	8	16	01	2	4	Sc, Cu	19.1	20	9	49
360	16	20	02	4	4	Cu	19.2	20	8	46
10	6	12	01	1	3	Cu	18.9	21	10	50
340	2	20	03	1	4	Cu	18.0	19	12	64
90	2	16	01	1	2	Cu	18.4	21	7	41
320	3		03	1	4	Cu	18.2	21	10	50
90	7	20	01	1	4	Cu	19.0	21	10	50
320	5	20	01	1	3	Cu	18.6	21	7	41
320	1	20	03	1	7	Cu, Ac, Cc	18.2	21	14	65
250	2	20	03	1	4	Cu	17.9	23	10	44
30	6	16	02	0	4	Cu	18.1	20	10	53
340	7	20	03	2	5	Cu	17.7	20	8	46
60	9	10	01	1	4	Cu	18.4	20	10	53
320	1	10	03	0	4	Cu	18.0	20	8	46
360	4	20	02	1	3	Cu, Sc	18.3	21	8	44
360	7	10	03	0	1	Cu	17.8	22	7	38
350	4	16	03	0	0	—	17.5	22	7	27
290	2	10	01	0	2	Ac	15.8	24	9	38
00	0	20	00	0	0	—	15.6	23	9	41
320	7	22	02	0	0	—	14.7	24	7	34
350	10	14	02	0	0	—	14.7	25	0	19
320	4	16	03	0	3	Cu	19.4	21	10	50
360	4	20	03	0	1	Sc	18.5	21	9	47
90	1	20	02	0	0	—	19.7	20	-1	24
350	9	15	02	0	0	—	18.2	21	1	27
310	7	15	02	0	0	—	15.0	23	2	26
20	2	50	03	0	3	Cu	17.6	20	8	46
340	17	20	02	0	0	—	13.4	23	10	44
360	13	20	02	0	0	—	15.4	23	10	44
90	6	20	02	1	5	Sc	11.0	30	25	74
00	0	20	02	0	0	—	13.6	25	7	32
50	9	24	03	0	3	Cu, Ac	8.1	33	11	26
340	2	21	01	1	1	Ac	10.1	31	9	26
90	2	20	03	0	1	Ci	7.2	33	7	20
350	8	20	03	2	7	Cs	7.1	33	9	23
100	5	20	03	0	2	Ci	4.4	35	7	18
360	5	20	02	0	0	—	6.2	34	-1	11
310	9	20	02	0	0	—	7.0	33	11	26
50	5	20	02	0	1	Ci	5.2	37	8	17
40	8	20	03	1	6	Cs	7.4	30	3	18
360	11	24	03	1	7	Cs	2.3	30	3	18
50	10	50	03	0	2	Cs	8.5	31	-4	10
30	14	20	02	1	0	—	4.9	35	7	18
70	7	20	03	1	5	Ci	3.5	35	8	19
50	5	20	04	0	1	Cu	1.5	37	11	20

At 1800 on 28 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 Dry Bulb	Temperatures Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
00	0	12	01	0	3	Sc, Cu	19.8	16	11	21	-2	72	0
150	5	10	01	0	0	—	20.0	13	11	19		88	0
00	0	14	02	0	0	—	20.7	12	8	20		77	0
360	9	20	01	0	0	—	21.2	18	8	22	-1	52	0
30	4	12	02	0	0	—	20.6	14	10	21	-2	77	0
340	2		00	0	0	—	19.6	17	13	22	0	77	0
90	2		02	0	0	—	18.7	15	9	23	-1	68	0
00	0		01	1	2	Cu	20.4	16	10	23	-1	68	0
00	0	20	02	0	0	—	20.7	14	10	22	2	77	0
340	2	10	00	0	0	—	19.4	14	10	22		77	0
00	0	10	01	1	0	—	19.2	16	12	23	-1	77	0
40	5	12	01	0	0	—	19.7	15	10	21		72	0
										21	-3		0
										24	0		0
										22	-1		0
340	2	10	02	0	0	—	19.8	17	7	20	-3	52	0
360	4	20	01	0	0	—	19.2	14	10	21	-4	77	0
360	4	8	02	0	0	—	19.2	13	9	22	-3	72	0
00	0	10	02	0	0	—	19.0	15	7	22	-3	59	0
00	0		01	0	2	Ac	17.0	16	10	24	-3	68	0
290	2		00	0	0	—	15.9	18	6	25	-3	46	0
360	17	10	02	0	0	—	16.1	20	1	25	-3	28	0
00	0	14	02	0	0	—	20.1	13	5	21	-3	59	0
00	0	10	02	0	0	—	20.3	14	8	23	-1	67	0
320	1	12	02	0	0	—	21.2	14	3	21		48	0
310	3	5	02	0	0	—	20.0	16	-1	22	-4	32	0
00	0	6	02	0	0	—	17.1	16	-4	23	-4	26	0
00	0	10	01	0	0	—	18.7	18	8	21	-3	52	0
200	33	10	14	6	1		16.2	18	-2	24	0	26	0
350	12	20	02	0	0	—	16.3	22	9	24	-2	44	0
130	7	20	01	1	1	Sc	12.8	29	23	31		70	0
10	9	20	02	0	0	—	16.0	20	5	26		38	0
320	9	24	01	1	0	—	11.4	26	9	33		35	0
340	10	21	02	0	0	—	11.5	26	3	32		23	0
340	3	20	02	0	0	—	9.8	27	12	34		40	0
330	6	20	01	1	0	—	10.0	27	9	33		33	0
70	2	20	01	0	0	—	8.4	25	10	37		39	0
10	7	20	02	2	7	Cs	6.7	28	13	36		40	0
00	0	20	01	2	4	Cs	7.4	27	14	36		45	0
00	0	20	04	0	0	—	5.0	25	14	38		51	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'ILIA
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
	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 ḤAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARṬOÛM
	780	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 THURSDAY 29 th NOVEMBER, 1956

Wind Direction Deg.	Wind Velocity in 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 Dry Bulb	Temperatures Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total Since Oct. 1st	Rainfall Normal Since Oct. 1st
190	12	12	02	2	8	Sc	17.7	+0.3	15	8	13	4	63	0	00	
170	8	15	02	2	7	Sc	18.1	+0.3	14	11	10		82	0	00	
220	12	16	03	2	6	Sc	18.6	+0.7	14	9	8		72	0	00	
															18	
00	0	20	03	0	3	Sc	19.4	+1.0	18	13	16	+1	73	0	13	38
00	0	10	02	0	3	Cu	19.0	+1.5	17	12	9	-4	72	0	13	33
180	2		10	0	1	Cu	18.8	+1.5	16	14	12	-1	88	0	18	30
150	2	50	02	0	0	—	19.1	+0.7	16	14	10	-2	88	0	2	15
00	0		00	0	0	—	19.1	+1.3	14	12	11	-1	88	0	tr	9
00	0	20	02	0	0	—	19.6	+1.1	12	10	7	-4	88	0	1	7
320	2	10	01	1	1	Cu	19.0	+0.7	12	10	11		88	0	0	
00	0	10	02	0	0	—	19.2	+0.8	12	10	12	+1	88	0	1	6
		20	01	0	0	—	17.6		24	10	12		41	0	0	
00	0	5	05	4	0	—	19.0		11	9	9		88	0	tr	
00	0	8	00	4	0	—	18.6	+0.5	13	8	10	-3	72	0	0	
									13	11	12	0	88	0	tr	3
00	0	6	03	4	0	—	19.1	+0.9	12	10	10	0	88	0	tr	8
00	0	3	05	4	0	—	18.7	0.0	13	9	10	-2	77	0	tr	3
360	4	20	02	0	0	—	18.0	-0.8	13	9	10	-1	77	0	0	0
330	5	6	02	0	0	—	18.0	-0.3	12	9	8	-2	82	0	0	
260	3	8	02	0	0	—	18.2	-0.4	12	8	8	-2	67	0	0	
00	0		01	0	2	As	16.6	-0.6	13	9	8	-2	77	0	0	
270	2	10	00	0	0	—	18.3	+0.7	13	7	8	-3	67	0	0	
00	0	22	—	—	0	—	17.9	+0.8	14	6	7		59	0	0	
340	2	12	02	0	3	Ac, Ci	16.1	-1.1	15	5	11	-3	32	0	0	
00	0	16	02	0	1	Ci	18.1	-1.3	6	2	4	-3	76	0	0	1
40	1	20	02	0	0	—	19.3	+0.1	9	5	6	-3	76	0	0	2
280	1	15	02	0	0	—	20.5		7	-2	4		53	0	0	
00	0	14	03	0	1	Ci	19.6	+0.8	8	0	4	-6	58	0	0	
00	0	10	01	0	0	—	17.0	-1.1	12	4	7	-3	59	0	0	
330	1	20	00	0	0	—	18.2	+0.8	15	11	9	-4	77	0	tr	5
																3
300	5	20	02	0	2	Ci	16.0	0.0	17	9	13	-1	60	0	0	
270	9	20	03	0	2	Ci	16.3	-0.2	20	6	11	-7	41	0	0	3
330	5	20	03	8	4	Sc	14.2		27	23			79	0		
350	7	20	03	0	1	Ci	17.3		14	4			52	0		
360	9	22	03	0	3	Ci	13.2		21	2			29	0		
10	4	21	03	0	2	Ci	14.0		20	2			30	0		
20	8	20	03	0	3	Ci	12.2		23	11			47	0		
340	17	20	05	0	2	Ci	11.3		23	7			36	0		
130	2	20	03	0	2	Ci	10.0		28	16			49	0		
310	5	20	02	0	2	Cs	13.3		23	11	19		47	0		
210	5	20	02	0	2	Ac			22	9			40	0		
350	8	20	03	0	3	Ac, Ci	13.3		19	1			36	0		
290	3	24	02	2	6	Cs			13	-1			38	0		
30	13	20	02	2	7	Cs	11.1		24	8			36	0		
310	3	20	04	0	7	Ac, Cs	9.3		27	16			52	0		

Remarks

Date

* 9 = Sky obscured by fog etc.

(A) AERODROME

LIBRARY WEATHER BUREAU

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION			Alex.(A)		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE			29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11		29-11	
TIME			14		13 30		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	17	70	9	180	3	350	4	300	7	160	9	20	8	100	9	40	2	40	6
600 m.			80	15	60	10	160	3	330	3	290	6	150	7	20	8	110	8	350	8	70	3
1000 m.			110	13	90	9	160	3	140	2	100	3	160	15	40	3	150	4	30	10	180	3
1500 m.			120	15	150	10	180	4	140	2	170	13	220	12	230	3	360	10	40	15	240	3
2100 m.					150	10	210	3			190	18	240	21	150	3	220	2			220	25
2400 m.					160	10	210	10			290	17	230	17	150	7					190	10
3000 m.					230	9	220	10			130	34	230	17	160	11						
4000 m.					220	14	200	12					210	18	200	10						
5000 m.					220	17									260	14						
6000 m.					220	21																

STATION	Cairo(A)		Minya		Asyout		Dakhla															
DATE	30-11		30-11		30-11		30-11															
TIME	5		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.	190	14	150	12	290	7	130	12														
600 m.	200	17	170	12	320	2	140	15														
1000 m.	220	11	180	13	330	3	140	14														
1500 m.			180	14																		
2100 m.																						
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla			
DATE	30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11			
TIME	8		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.	190	29	180	30	200	23	150	9	140	9	20	5	180	30	170	18	190	11	130	15		
600 m.	220	35	220	9	220	29	170	10	160	[illegible]	60	3	180	27	170	19	190	17	140	23		
1000 m.	220	30	210	19	220	32	220	4	150	3	150	11	200	23	190	21	150	18	140	17		
1500	220	32	250	24	230	38	190	8	330	12	170	9	210	30	200	11	170	17	180	8		
2100 m									320	5	150	7	250	21	310	6	200	21				
2400 m									240	9	190	10			220	12	200	21				
3000 m.									190	8	220	21					200	37				
4000 m																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	29-11					29-11														
TIME	13,30					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	22				25	19													
1000 mb.	131	22		90	7	132	18													
950 mb.																				
900 mb.																				
850 mb.	1469	6		150	10	1496	6													
800 mb.																				
700 mb.	3076	2		230	9	3077	3													
600 mb.																				
500 mb.	5699	-16		220	22	5715	-15													
400 mb.	7339	-29		270	45	7362	-26													
300 mb.	9341	-44		270	63	9377	-42													
200 mb.	11960	-59		260	78	12010	-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.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 30th NOVEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

LIBRARY
WEATHER BUREAU

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 32 U. T. / " " Sunset 14 55 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	SALLOUM	270	14	18	02	2	7	Sc, Cu	13.9	21	4	33
	303	SIDI BARRANI	170	13	18	03	2	7	Cu, Sc	13.6	20	9	49
	306	MATRUH (A)	180	5	16	02	2	6	Sc, Ci	15.3	20	8	46
	309	EL DAB'AA	90	8	20	00	0	1	Ci	15.9	21	9	47
	319	ALEXANDRIA	310	10	20	03	0	4	Sc	16.2	20	11	56
	318	ALEXANDRIA (A)	30	6	12	03	0	5	Cu	16.0	21	13	61
	330	DAMIETTA	140	2	20	03	1	3	Cu	16.4	21	14	65
	333	PORT SA'ID (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	10	01	0	3	Cu	15.8	23	12	50
	342	MANSURA	90	5		03	1	4	Cu	13.6	23	12	50
	348	TANTA	90	8	20	01	1	4	Cu	16.4	22	11	50
	360	SHEBIN EL KOM	110	5	20	01	1	3	Cu	15.4	21	10	50
	354	ZAGAZIG	140	1	20	01	1	2	As	15.9	22	15	65
	441	ISMA'ILIA	140	3	20	01	0	0	—	16.7	25	8	34
Cairo Area	366	CAIRO (A)	80	7	15	02	0	1	Cu, Ci	14.0	23	6	34
	372	CAIRO ALMAZA (A)	40	10	20	02	0	1	Cu, Ci	14.1	22	8	41
	374	CAIRO EZBEKIYA											
	375	GIZA	70	6	10	03	0	1	Cu	14.8	22	10	47
	378	HELWAN	00	0	20	02	0	1	Cu	14.0	23	8	38
Upper Egypt	381	FAYOUM	20	4	20	02	0	0	—	14.8	21	10	50
	387	MINYA (A)	60	3	10	03	0	1	Ci	15.0	22	10	47
	393	ASYOUT (A)	270	4	14	02	0	0	—	14.7	22	6	36
	399	NAG' HAMADI	00	0	10	01	0	1	Ac	14.6	23	12	50
	402	QENA	270	2	20	00	0	1		14.0	23	10	44
	405	LUXOR (A)	290	6	14	03	0	1	Cu	12.0	26	11	40
	414	ASWAN											
Oases	417	SIWA	180	12	16	03	1	4	Ci	14.3	21	5	35
	420	BAHARIYA	320	3	20	02	1	5	Ci	14.8	22	12	53
	429	FARAFRA	00	0	20	03	0	3	Ci	16.2	22	5	33
	432	DAKHLA	00	0	15	01	1	2	Ci	15.9	22	6	36
	435	KHARGA	00	0	15	02	0	0	—	13.3	25	3	24
Red Sea	450	SUEZ	00	0	50	03	0	2	Cu	14.7	23	8	38
	459	TOR											
	462	HURGHADA	10	4	22	02	0	1	Cu	14.6	24	16	61
	465	QUSEIR	10	8	20	02	0	2	Sc, Ac	14.5	23	16	65
	641	PORT SUDAN	100	12	20	03	1	5	Sc	10.7	31	25	70
North Sudan	600	WADI HALFA	10	8	20	02	0	0	—	14.2	26	8	32
	640	ABU HAMAD	290	5	24	01	1	0		8.5	31	11	29
	660	KAREIMA	30	2	21	02	0	1	Ci	8.8	32	12	30
	680	ATBARA	270	4	20	02	0	2	Ci	6.9	33	12	28
	721	KHARTOUM	330	6	20	01	0	1	Ci	7.1	34	9	22
	730	KASSALA	90	6	20	02	0	7	Ci	4.7	36	11	22
Central Sudan	751	WAD MEDANI	360	5	20	02	0	2	Ci	5.8	35	7	18
	801	RENK	310	9	20	02	0	4	Ac	6.9	35	12	25
	802	ROSEIRES	50	9	20	02	0	2	Ci	3.4	37	8	17
	771	EL OBEID	20	5	20	03	1	7	Cu	6.9	31	4	18
	760	EL FASHER	130	6	24	02	2	7	Cu	6.9	31	3	17
	770	GENEINA	140	3	50	02	0	1	Cs	7.2	32	0	13
S. Sudan	840	MALAKAL	70	12	20	03	2	7	Ac, Cs	6.1	35	7	18
	880	WAU	40	7	20	02	2	7	Cs	5.2	35	10	22
	941	JUBA	10	1	20	04	2	7	Cu, Cs	2.9	35	13	27

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.
SALLOUM	00	0	14	02	2	8	St	12.2	17	4	22	-1	42	0
SIDI BARRANI	140	10	15	01	2	8	Sc, As	12.9	16	8	21		59	0
MATRUH (A)	00	0	10	02	2	4	Ci	14.9	14	7	22		63	0
EL DAB'AA	00	0		00	0	0	—		16	10	22		68	0
ALEXANDRIA	00	8	20	01	0	0	—	15.4	18	15	23	0	83	0
ALEXANDRIA (A)	60	4	12	02	2	6	Cu, Ci	15.1	16	14	22	-1	88	0
DAMIETTA	140	2		01	1	0	—	15.5	18	14	21	-1	78	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	40	2		01	0	1	Cu	15.2	17	13	24	0	77	0
MANSURA	00	0		00	0	0	—	14.7	17	13	25	+1	77	0
TANTA	00	0	20	02	0	0	—	15.8	14	12	24	0	88	0
SHEBIN EL KOM	140	2	10	01	1	1	Sc	15.4	15	9	22		68	0
ZAGAZIG	00	0	10	02	0	0	—	15.3	18	15	23	-1	83	0
ISMA'ILIA														
CAIRO (A)	90	6	12	02	0	0	—	14.8	17	9	23		60	0
CAIRO ALMAZA (A)											23	0		0
CAIRO EZBEKIYA											24	0		0
GIZA											23	0		0
HELWAN	00	0	10	01	1	0	—	15.0	16	12	23	0	77	0
FAYOUM	00	0	20	02	0	0	—	15.1	14	10	21	-4	77	0
MINYA (A)	00	0	8	02	0	0	—	15.9	14	8	24	-1	67	0
ASYOUT (A)	180	4	10	02	0	0	—	15.8	16	3	24	-1	42	0
NAG' HAMADI	00	0		00	0	0	—	15.2	15	11	25	-1	77	0
QENA	00	0		00	0	0	—	14.6	17	9	24	-4	60	0
LUXOR (A)	360	2	12	02	0	0	—	13.7	22	11	28	0	50	0
SIWA	140	10	1.	02	2	5	As, Ci	12.8	18	4	21	-3	40	0
BAHARIYA	00	0	10	02	1	0	—	15.8	14	8	24	0	67	0
FARAFRA	00	0	12	01	1	3	Ac	16.7	17	2	23		37	0
DAKHLA	00	0	5	02	0	0	—	16.3	17	1	24	-1	34	0
KHARGA	00	0	6	02	0	0	—	13.8	15	1	26	-1	39	0
SUEZ	00	0	10	01	0	0	—	14.0	18	13	26	+2	73	0
TOR														
HURGHADA	00	0	10	02	0	0	—	14.6	17	11	24	0	68	0
QUSEIR	270	3	20	01	0	1	Cs	15.1	21	16	24	-2	74	0
PORT SUDAN	130	5	20	01	1	2	Sc	12.8	29	25	31		79	0
WADI HALFA	20	6	20	01	0	0	—	14.1	19	3	27		35	0
ABU HAMAD	360	2	24	01	0	0	—	10.2	26	12	32		42	0
KAREIMA	340	3	21	01	0	0	—	11.1	25	10	32		39	0
ATBARA	350	10	20	02	0	0	—	9.7	27	12	34		40	0
KHARTOUM	330	6	20	01	2	2	Ci	9.6	27	9	34		33	0
KASSALA	90	4	20	01	1	0	—	7.8	29	13	36		37	0
WAD MEDANI														
RENK														
ROSEIRES											38			
EL OBEID	340	5	20	01	1	5	Cs	8.6	24	7	31		34	0
EL FASHER	10	1	20	02	2	7	Cs	7.9	23	3	33		27	0
GENEINA														
MALAKAL											35			0
WAU	00	0	20	01	2	5	Cs	8.2	27	16	35		52	0
JUBA	320	3	24	01	2	4	Ac, Ci	6.1	29	25	37		43	0

At 0600 on FRIDAY 30th NOVEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOUM	270	12	14	02	2	6	Sc, Cu	7.2	-10.2	17	1	17	+5	34	0	20	
SIDI BARRANI	190	25	0.8	31	3	8	Sc	7.6		17	9	13		60	tr	85	
MATRUH (A)	180	17	14	02	2	7	Sc, Ci	10.5	-7.5	16	6	10		52	0.2	40	
EL DAB'AA	160	6	10	00	0	8	Ac, As	12.6		14	10	9		77	0	18	
ALEXANDRIA	130	10	20	03	0	8	As, Cs	13.6	-4.8	16	10	14	-1	68	0	13	89
ALEXANDRIA (A)	150	7	12	03	2	8	Ac	13.8	-3.8	14	12	12	-1	88	0	13	33
DAMIETTA	200	5		02	1	8	Sc	16.0	-1.4	14	10	12	-1	77	0	18	21
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	40	2	10	03	0	3	Cu	13.4	-5.1	15	13	11	-1	88	0	2	15
MANSURA	180	2		03	1	8	Ac	13.5	-2.4	13	11			88	0	tr	9
TANTA	330	6	20	03	2	7	As	15.2	-3.3	15	9	9	-2	68	0	1	7
SHEBIN EL KOM	40	2	10	01	1	2	Cu	15.2	-3.2	15	11	14		77	0	0	
ZAGAZIG	00	0	10	03	1	7	Cu	14.6	-3.8	16	10	8	-3	68	0	1	6
ISMA'ILIA	140	2	20	03	2	7	Ac	15.9		15	9	12		68	0	0	
CAIRO (A)	00	0	12	02	1	7	Sc, Ci	15.5		16	7	14		56	0	tr	
CAIRO ALMAZA (A)	200	10	10	00	2	7	As, Ci	15.2	-2.9	18	4	13	0	40	0	0	
CAIRO EZBEKIYA										16	9	13	+1	64	0	tr	3
GIZA	10	10	8	03	—	7	St	15.9	-2.3	14	7	10	0	63	0	tr	5
HELWAN	00	0	10	02	2	8	Ci	16.4	-2.3	14	5	12	0	55	0	tr	3
FAYOUM	00	0	20	02	2	7	As	17.0	-1.5	14	9	11	0	72	0	0	0
MINYA (A)	140	3	7	03	1	5	Ac, Ci	16.7	-1.7	14	7	10	0	63	0	0	
ASYOUT (A)	00	0	12	02	0	3	Ci	16.4	-2.3	14	5	10	0	55	0	0	
NAG' HAMADI	00	0		02	0	4	Ac, Cs	16.8	-0.5	17	9	9	-1	60	0	0	
QENA	360	2	10	00	0	0	—	17.4	-0.3	14	5	9	-2	55	0	0	
LUXOR (A)	00	0	22	02	0	0	0	16.7	-0.5	17	10	10		44	0	0	
ASWAN	350	2	12	02	0	0	—	14.7	-2.6	17	8	12	-1	56	0	0	
SIWA	180	24	11	02	2	8	As	9.3	-10.2	19	4	18	+11	37	0	0	1
BAHARIYA	00	0	20	02	2	7	As, As	15.2	-4.1	17	8	12	+3	56	0	0	2
FARAFRA	00	0	15	03	2	8		16.1		14	3	13		48	0	0	
DAKHLA	140	4	14	03	1	4	Ci	17.5	-1.4	12	0	7	-2	44	0	0	
KHARGA	00	0	10	02	1	1	Ci	14.8	-3.4	13	3	10	0	51	0	0	
SUEZ	180	3	20	00	0	6	Cu	15.2	-2.3	17	9	10	3	60	0	tr	5
TOR																	3
HURGHADA	290	1	20	02	0	2	Ac	16.2	+0.1	20	10	13	-1	53	0	0	
QUSEIR	270	3	20	02	0	1	Ac	16.2	-0.4	23	16	18	0	65	0	0	3
PORT SUDAN	320	1	20	03	1	6	Sc, Ci	14.9		18	7	14		49	0		
WADI HALFA	00	0	20	03	1	5	Ci	15.7		15	9	10		68	0		
ABU HAMAD	360	5	20	03	0	2	Ci	13.9		20	7	19		43	0		
KAREIMA																	
ATBARA	10	5	20	02	1	7	Cs	12.9		22	15			61	0		
KHARTOUM	10	7	20	03	1	7	Cs	11.9		23	10	20		44	0		
KASSALA	220	1	20	02	2	7	Cs	11.4		24	17	20		65	0		
WAD MEDANI																	
RENK																	
ROSEIRES	230	2	20	02	2	8	Cs	11.5		22	14	17		61	0		
EL OBEID	10	2	20	01	2	6	Cs	12.0		22	3	18		29	0		
EL FASHER	360	4	27	01	2	6	Cs	15.0		17	3	13		39	0		
GENEINA	110	2	50	02	0	1	Ci	15.7		14	3	11		48	0		
MALAKAL	50	14	20	02	2	7	Ac, Cs	11.9		24	12	18		47	0		
WAU	250	6	20	02	2	7	Cs	11.5		23	12	20		50	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)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11		30-11	
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.	190	5	200	30	190	30	170	16	170	16	160	9	320	9	220	17	180	16	170	20	150	22
600 m.	200	38	200	37	190	36	190	17	160	16	120	14	340	5	220	21	180	19	160	17	140	21
1000 m.	200	25	200	40	190	47	200	17	130	16	110	18	340	8	220	21	170	27	150	16	140	20
1500 m.	60	56	200	45	190	68	220	21	230	6	90	14	90	20	200	29	150	35	180	19	160	30
2100 m.	360	16			190	60					150	14	170	7	250	71	140	38	180	31		
2400 m.					190	58					160	16	240	12					200	18		
3000 m.					210	59							200	10								
4000 m.					230	39																
5000 m.					240	49																
6000 m.					220	75																

STATION	Hurghada						Alex. (A)		Minya		Asyout		Siwa		Dakhla							
DATE	30-11						1-12		1-12		1-12		1-12		1-12							
TIME	14						4		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.	160	7					130	43	140	9	130	13	140	16	140	14						
600 m.	210	3					140	42	160	3	130	36	180	26	160	27						
1000 m.	270	3					150	31	210	3	160	21	200	13	280	36						
1500 m.	30	3							240	3	170	23	190	15								
2100 m.											170	18	270	61								
2400 m.											170	14										
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12	
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	22	130	23	130	20	160	10	130	15	30	6	100	5	140	20	160	21	150	12	140	16
600 m.	230	26	140	34	170	26	160	22	150	26	150	17	110	5	190	29	170	24	180	28	180	30
1000 m.	280	21			190	17	150	33	160	18	150	15	150	7	190	24	180	23	200	33	170	37
1500 m.	300	4			200	21	140	42	180	16	120	14	130	6	180	29	180	29	200	23		
2100 m.					190	13			170	16	170	14	130	6					210	27		
2400 m.									180	24	150	11	110	6					220	25		
3000 m.									190	26	200	5	140	7					210	25		
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	30-11					30-11														
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	24				25	20													
1000 mb.	132	24		250	5	98	19		200	25										
950 mb.																				
900 mb.																				
850 mb.	1526	14		00	0	1477	12		190	68										
800 mb.																				
700 mb.	3135	3				3068	1		210	59										
600 mb.																				
500 mb.	5788	-11				5702	-14		220	57										
400 mb.	7448	-27				7368	-24		220	90										
300 mb.						9396	-40													
200 mb.						12010	-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

Egypt. Met. Dept.

FORM N

THE DAILY WEATHER REPORT [observations]

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 1st DECEMBER, 1956

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

LIBRARY
MAY 13 1957
WEATHER BUREAU

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 33 U.T. / " " Sunset 14 55 U.T.

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

At 1200 on 30-12-1956

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	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	210	16	18	02	2	8	Sc, CS	7.0	23	5	32
	303	SÎDI BARRÂNI	210	12	8	05	3	8	Ac, As	7.6	23	11	47
	306	MATRÛḤ (A)	210	13	13	06	2	8	Ac, As	10.4	21	4	33
	309	EL ḌAB'AA	180	8	10	00	0	8	Ac	14.2	22	6	36
	319	ALEXANDRIA	130	10	20	01	1	7	As, Cs	11.8	23	8	38
	318	ALEXANDRIA (A)	180	8	12	01	2	7	Ac, As	12.0	23	8	38
	330	DAMIETTA	180	5	10	01	1	4	Ac	14.8	22	9	44
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	180	9	10	02	2	8	Ac, As	12.6	22	11	50
	342	MANṢÛRA	220	7		03	1	6	As	14.0	23	10	44
	348	ṬANṬA	130	7	20	03	2	8	Cs	14.7	22	9	44
	360	SHEBÎN EL KÔM	140	5	20	01	1	3	As	14.6	21	4	33
	354	ZAGAZIG	00	0	20	03	1	7	Cu	14.3	23	15	61
	441	ISMA'ILÍA											
CAIRO AREA	366	CAIRO (A)	200	15	16	02	2	7	Ac	13.1	26	2	23
	372	CAIRO ALMÂZA (A)	180	12	18	02	2	7	Ac, Cs	12.2	25	1	21
	374	CAIRO EZBEKÎYA											
	375	GIZA	240	11	10	03	2	7	As	14.0	24	4	28
	378	ḤELWÂN	00	0	10	02	2	8	Ci	13.6	24	3	26
UPPER EGYPT	381	FAYOÛM	20	4	20	50	5	8	Ns	14.2	23	10	44
	387	MINYA (A)	170	6	10	02	0	2	Ci	13.7	28	7	27
	393	AṢYOÛṬ (A)	110	5	14	03	0	2	Ac, Ci	13.5	28	3	13
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	As	12.9	28	13	45
	402	QENA	00	0	20	00	0	0	—	14.2	26	16	55
	405	LUXOR (A)	330	7	22	02	0	0	—	13.4	29	18	52
	414	ASWÂN	290	2	20	02	0	0	—	11.6	30	14	38
OASES	417	SÎWA	240	7	10	02	2	8	Ns, As	9.2	24	0	21
	420	BAḤARÎYA	130	4	20	02	5	7	Ac, As	12.1	25	8	34
	428	FARAFRA	00	0	20	01	2	7	Ac, As	13.1	24	3	26
	432	DAKHLA	100	15	15	01	1	2	Ci	13.2	28	-4	12
	435	KHARGA	210	3	15	02	0	0	—	12.1	28	-4	22
RED SEA	450	SUEZ	180	3	50	02	0	6	Cu	14.7	27	13	42
	459	TÔR											
	462	HURGHÂDA	100	1	26	02	0	0	—	14.4	27	18	58
	465	QUSEIR	50	7	20	01	0	0	—	14.7	25	20	74
	641	PORT SÛDÂN	100	8	20	01	1	2	Sc	11.4	30	24	70
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	02	1	4	Cu	10.9	30	12	33
	640	ABU ḤAMAD	00	0	24	02	0	0	—	9.1	31	11	29
	660	KAREIMA	280	1	21	02	0	1	Ci	8.1	34	8	20
	680	ʿAṬBARA	330	5	20	01	2	1	Ci	7.1	35	12	25
	721	KHARṬOÛM	140	5	20	02	2	7	Cs	6.2	36	9	19
	780	KASSALA	100	7	20	03	2	7	Cs	5.6	35	13	27
CENTRAL SUDAN	751	WÂD MEDANI	260	5	20	01	2	6	Cs	5.6	36	11	22
	801	RENK	210	9	20	02	1	8	Ac	6.6	36	11	22
	802	ROSEIRES	50	9	20	02	2	8	Cs	3.5	37	8	17
	771	EL OBEID	80	8	20	02	1	8	Cs	6.4	34	7	19
	780	EL FASHER	130	4	20	02	1	3	Ac	6.9	33	6	19
	770	GENEINA	230	7	50	02	0	1	Cs	7.2	32	8	12
S. SÛDÂN	840	MALAKÂL	50	12	20	02	2	7	Ac, As	6.2	26	7	17
	880	WÂU	00	0	20	01	2	3	Ci	5.3	34	14	30
	941	JUBA	290	1	20	04	2	7	Cu, Ac, Ci	5.5	33	17	38

At 1800 on 30-12-1956

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	00	0	12	02	2	6	Sc, Cu, Ac	8.2	20	5	23	0	38	0
303	SÎDI BARRÂNI	160	18	16	05	3	6	Sc, As	8.3	22	9	23		44	0
306	MATRÛḤ (A)	160	10	6	02	2	8	Ac, As	11.5	19	4	21		37	0
309	EL ḌAB'AA	00	0		00	0	0	—	12.1	19	7	24		46	0
319	ALEXANDRIA	90	12	20	03	1	8	Cu, Sc	15.0	20	13	23	0	64	0
318	ALEXANDRIA (A)	140	8	12	03	2	8	Cu, As	15.6	19	14	25	+3	73	0
330	DAMIETTA	180	2		03	5	8	Ac, Cs	16.8	19	14	23	[illegible]	73	ds
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	90	2		02	2	5	Ac, As	15.2	19	14	24	+1	73	0
342	MANṢÛRA	00	0		03	1	8	As	15.8	20	11	23	-1	56	0
348	ṬANṬA	00	0	20	01	6	4	Cu	16.4	17	11	23	-1	68	ds
360	SHEBÎN EL KÔM	20	2	10	01	1	2	Sc	15.1	16	8	23		59	0
354	ZAGAZIG	00	0	10	03	2	8	Cu	15.3	19	9	24	0	52	0
441	ISMA'ILÍA														
366	CAIRO (A)	280	2	10	02	2	8	As	16.5	21	7	27		41	0
372	CAIRO ALMÂZA (A)											25	+2		0
374	CAIRO EZBEKÎYA											25	+1		0
375	GIZA											25	+2		
378	ḤELWÂN	00	0	10	02	2	8	Ch	16.4	22	-1	25	+2	21	0
381	FAYOÛM	20	4	20	02	5	8	As	14.4	18	10	24	0	60	ds
387	MINYA (A)	00	0	7	02	0	2	Ci	15.1	18	11	28	+3	64	0
393	AṢYOÛṬ (A)	00	0	10	02	0	0	—	14.7	19	9	29	+4	52	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	14.8	19	16	29	+3	83	0
402	QENA	00	0		00	0	0	—	15.3	19	16	29	+2	83	0
405	LUXOR (A)														
414	ASWÂN	00	0	10	02	0	0	—	13.3	25	13	31	+3	48	0
417	SÎWA	80	7		02	6	8	Ns, As	10.1	20	6	25	+1	41	ds
420	BAḤARÎYA	240	4	14	02	2	7	Ac, As	13.2	21	3	27	+3	31	ds
428	FARAFRA														
432	DAKHLA	140	3	5	02	1	0	—	14.4	20	-6	29	+4	17	0
435	KHARGA	00	0	5	02	0	0	—	12.8	17	6	30	+4	49	0
450	SUEZ	00	0	10	02	6	6	Cu	15.4	22	12	26	+2	57	ds
459	TÔR														
462	HURGHÂDA								15.8	20	16	27	+3	78	0
465	QUSEIR	00	0	20	02	0	0	—	16.0	23	19	26	0	79	0
641	PORT SÛDÂN	0	2	20	02	0	1	Sc	16.0	29	24	31		74	0
600	WÂDI ḤALFA	10	2	20	02	0	0	—	13.0	24	12	32		47	0
640	ABU ḤAMAD	00	0	24	02	0	0	—	10.7	26	9	35		35	0
660	KAREIMA	00	0	21	02	0	0		10.9	26	7	36		30	0
680	ʿAṬBARA	160	5	20	01	0	0		9.9	27	12	34		42	0
721	KHARṬOÛM	250	7	20	01	2	4	Cs	8.7	30	8	37		25	0
780	KASSALA	90	3	20	01	2	0	—	8.6	29	10	36		35	0
751	WÂD MEDANI											27			
801	RENK											27			
802	ROSEIRES											28			
771	EL OBEID	60	6	20	01	1	1	Ci	9.4	25	7	24		32	0
780	EL FASHER	00	0	20	02	0	2	Ci	10.0	24	7	24		34	0
770	GENEINA											23			0
840	MALAKÂL	250	8	20	02	2	7	Cs	8.8	26	17	27		58	0
880	WÂU											26			0
941	JUBA	180	6	24	12	6	7	Sc, As	8.6	27	19	24		62	0.2

At 0600 on SATURDAY 1st DECEMBER 1956

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	210	18	16	03	2	8	Cu, Sc	8.1	-9.3	21	1	18	+6	87	0	20	
303	SÎDI BARRÂNI	170	20	10	02	5	8	Sc, As	8.7		21	8	18		44	dr	25	
306	MATRÛḤ (A)	170	22	10	01	2	7	As	11.2	-6.8	20	2	17		30	0	20	
309	EL ḌAB'AA	90	8	10	00	0	8	Ac	13.2		19	9	14		52	0	18	
319	ALEXANDRIA	90	12	10	02	1	8	As	15.8	-2.6	19	14	17	+3	73	0	13	40
318	ALEXANDRIA (A)	120	14	12	02	2	8	Ac, As	15.6	-2.0	19	15	17	+4	78	0	13	35
330	DAMIETTA	110	5		02	1	8	Sc	17.2	-0.2	20	17	12	-1	88	dr	18	21
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	130	2	4	12	2	8	Ac, As	15.6	-2.9	19	14	15	+3	73	0	2	16
342	MANṢÛRA	90	9		03	1	8	Ac	16.3	-1.7	18	15	13	+1	83	0	dr	9
348	ṬANṬA	130	8	20	03	2	8	Cu	16.6	-1.7	18	10	13	+3	60	dr	1	8
360	SHEBÎN EL KÔM	20	2	10	01	1	5	Sc	15.8	-2.6	17	11	16		68	0	8	
354	ZAGAZIG	00	0	10	03	1	8	Cu	15.6	-2.9	18	8	12	+1	52	0	1	7
441	ISMA'ILÍA	20	3	20	03	2	8	Ac	16.8		20	8	14		46	0	0	
366	CAIRO (A)	160	19	12	02	2	8	Ac	15.2		25	11	20		42	dr	dr	
372	CAIRO ALMÂZA (A)	110	15	15	00	5	7	Cu, Ac, Cs	14.9	-3.3	25	11	17	+5	43	0	0	
374	CAIRO EZBEKÎYA										23	12	13	+1	50	0	dr	4
375	GIZA	050	9	10	03	—	8	Sc, Cu	15.2	-3.1	21	11	15	+5	53	0	dr	6
378	ḤELWÂN	110	16	10	02	2	7	Sc	15.1	-3.7	25	8	20	+8	34	0	dr	4
381	FAYOÛM	20	4	20	02	1	4	Sc	16.3	-2.3	18	10	15	+5	60	dr	dr	0
387	MINYA (A)	00	0	7	02	1	3	Ac	16.1	-2.3	17	10	13	+3	64	0	0	
393	AṢYOÛṬ (A)	160	3	12	03	0	2	Ci	15.8	-2.9	18	10	14	+4	60	0	0	
399	NAG' ḤAMÂDI	00	0		00	0	3	Ac	16.0	-1.44	26	10	10	+1	37	0	0	
402	QENA	00	0	10	00	0	0	—	16.2	-1.0	20	13	14	+3	64	0	0	
405	LUXOR (A)	00	0	22	02	0	0	—	16.2	-1.1	21	16	14		74	0	0	
414	ASWÂN	350	2	12	02	0	0	—	14.4	-3.0	22	17	17	+3	74	0	0	
417	SÎWA	120	7	10	01	2	6	As, As	9.6	-9.9	21	-3	17	+10	20	0.2	0.2	1
420	BAḤARÎYA	00	0	20	02	2	7	As, As	12.2	-4.5	20	10	17	+8	83	dr	0	2
428	FARAFRA	100	1	15	02	2	5	Ac	12.1		16	-1	14		82	0	0	
432	DAKHLA	90	3	14	03	0	4	Ci	16.6	-2.3	18	-3	9	0	30	0	0	
435	KHARGA	00	0	10	02	0	1	Ci	16.0	-4.2	17	5	11	+1	46	0	0	
450	SUEZ	00	0	20	00	0	3	Cu	17.8	+0.3	20	9	13	0	49	0	dr	6
459	TÔR																	4
462	HURGHÂDA	090	1	18	02	0	1	Cu	16.9	+0.8	20		14	0		0	0	
465	QUSEIR	260	4	20	03	0	6	Sc	17.3	+0.7	29	19	19	+1	55	0	0	3
641	PORT SÛDÂN	330	7	20	03	2	6	Sc	15.7		27	24	25		84	0		
600	WÂDI ḤALFA																	
640	ABU ḤAMAD																	
660	KAREIMA	00	0	21	03	0	1	Ci	13.1		21	10	17		50	0		
680	ʿAṬBARA	20	5	20	03	2	6	Cs	12.4		24	11	19		44	0		
721	KHARṬOÛM	250	6	18	05	1	4	Ci	11.3		25	9	22		28	0		
780	KASSALA	90	2	20	02	1	3	Ci	11.0		28	19	22		38	0		
751	WÂD MEDANI	80	9	20	02	0	0	—	4.7		25	18	18		48	0		
801	RENK	50	2	20	02	0	2	Ac	13.1		25	13	17		48	0		
802	ROSEIRES	180	2	20	02	1	4	Cs	11.1		23	14	18		57	0		
771	EL OBEID	10	8	20	03	0	3	Ci	13.0		23	2	18		26	0		
780	EL FASHER	00	0	22	01	0	1	Ci	15.7		16	3	15		43	0		
770	GENEINA	00	0	10	02	0	1	Ci	16.0		16	5	11		40	0		
840	MALAKÂL	220	4	20	01	2	7	As, Cs	13.6		28	16	20		65	0		
880	WÂU	200	5	20	02	2	7	Ac, Cs	11.8		28	19	21		79	0		
941	JUBA	220	6	20	00	0	8	Cu, Ac, Ci	14.5		22	21	20		94	17		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Barrani		Matruh		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12		1-12	
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	7	220	19	180	27	310	4	150	13	120	5	300	8	210	17	170	27	200	12	180	17
600 m.	350	8	210	14	190	27	200	4	150	15	170	10	330	3	220	18	170	29	200	11	180	16
1000 m.	260	30	210	23	200	28	110	4	170	18	100	10	20	3	240	17	180	39	200	12	190	14
1500 m.	190	16			210	29	140	10	140	16	210	7	30	9	220	22	180	26	340	16	200	20
2100 m.	140	5			210	27	160	17	190	16			100	6	220	34			220	17		
2400 m.					210	27	180	19	210	15			100	7	220	24			220	13		
3000 m.					230	28	200	19	210	17			140	5								
4000 m.					210	39	220	21														
5000 m.					210	55																
6000 m.					220	56																

STATION	Hurghada						Salloum		Cairo(A)		Minya		Asyout		Siwa		Dakhla					
DATE	1-12						2-12		2-12		2-12		2-12		2-12		2-12					
TIME	14						2		5		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.	110	6					300	18	100	14	120	13	110	10	340	15	140	8				
600 m.	130	9					300	13	90	12	120	9	120	12	340	11	170	12				
1000 m.	180	4					250	10	60	6	120	11	130	9	250	11	180	13				
1500 m.	150	7					220	29	10	12	160	3	150	3	290	17						
2100 m.	240	3					220	38	10	12	60	3	140	9	210	23						
2400 m.	190	8					220	42	360	11	40	8	160	10	210	28						
3000 m.									80	8			200	5								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Heloan		Minya		Asyout		Luxor		Aswan		Bahariya		Farafra		Dakhla					
DATE	2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12					
TIME	8		8 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.	100	11	300	3	00	0	130	12	60	6	110	10	120	11	270	4	130	6				
600 m.	100	9	180	5	100	4	130	12	110	10	160	8	120	10	110	7	140	9				
1000 m.	100	9	100	11	140	7	140	9	120	12	110	24	120	14	160	15	150	9				
1500	70	15	80	16	150	8	140	15	130	19	150	20	140	20	160	23						
2100 m.	60	14	110	12	140	19	130	21	140	9	140	23	150	18	200	17						
2400 m.	30	23	140	12			140	12	140	23	140	24	140	30	200	23						
3000 m.	50	10					170	9	110	17					250	15						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	1-12					1-12														
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	26				25	24													
1000 mb.	140	26		340	3	99	24		200	20										
950 mb.																				
900 mb.																				
850 mb.	1555	18		140	10	1503	20		210	29										
800 mb.																				
700 mb.	3175	6		200	19	3127	5		230	28										
600 mb.																				
500 mb.	5827	-13				5729	-13		210	55										
400 mb.	7793	-24				7445	-25		220	74										
300 mb.	9821	-30				9482	-37		220	65										
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 2nd DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 34 U.T. / " " Sunset 14 55 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 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. mm.
Mediterranean	62300	SALLOÛM	200	15	10	07	0	0	—	6.7	28	3	20	
	308	SÎDI BARRÂNI	170	26	4	07	3	8	As	6.9	29	10	31	
	306	MATRÛḤ (A)	170	26	8	02	0	1	Ci	9.6	28	-1	15	
	309	EL DAB'AA	160	8	10	00	0	4	Ac	10.6	27	9	33	
	317	ALEXANDRIA	90	16	20	01	5	7	As	12.6	21	12	57	
	318	ALEXANDRIA (A)	160	16	12	02	2	8	Sc, Ac, As	12.3	20	14	69	
	330	DAMIETTA	70	5	10	02	2	8	Ac	16.7	22	17	74	
	333	PORT SA'ÎD (A)												
	336	EL 'ARISH												
Lower Egypt	339	DAMANHÛR	120	2		02	2	8	Ac, As	15.2	20	15	73	
	342	MANṢÛRA	40	2		02	2	8	Cu	16.3	22	12	53	
	346	ṬANṬA	90	6	20	03	2	8	Cu	18.4	22	15	65	
	360	SHEBÎN EL KÔM	140	5	20	01	1	5	Sc	15.1	22	11	50	
	354	ZAGAZIG	00	0	20	03	1	8	Cu	15.3	23	12	50	
	441	ISMA'ILÍA	90	1	20	02	2	8		15.6	27	16	52	
Cairo Area	366	CAIRO (A)	320	4	6	06	2	7	Sc, Ac, As	15.1	27	13	42	
	372	CAIRO ALMÁZA (A)	10	4	5	05	2	8	Cu, Sc, Cs	14.5	27	11	37	
	374	CAIRO EZBEKÍYA												
	375	GIZA	80	8	5	02	2	7	As, Ac, As	15.0	25	15	54	
	378	ḤELWÂN	00	0	10	02	2	8	As, Ci	14.6	29	14	40	
Upper Egypt	381	FAYOÛM	20	4	20	02	2	8	Ns	14.4	29	15	43	
	387	MINYA (A)	110	17	3	13	1	5	As	14.4	29	16	46	
	393	AṢYOÛṬ (A)	100	10	14	03	1	5	Ci	12.9	31	14	36	
	399	NAG' HAMÂDI	00	0	10	01	0	4	Ac, Cs	14.3	30	17	46	
	402	QENA	00	0	20	00	0	0	—	14.3	29	16	46	
	405	LUXOR (A)	330	1	22	02	0	0	—	13.3	30	21	59	
	414	ASWÂN	00	0	14	02	0	0	—	12.5	33	17	38	
Oases	417	SÎWA	220	20	14	03	1	7	Ac, As	9.0	28	-6	10	
	420	BAHARÎYA	130	5	20	02	2	7	Ac, As	12.4	28	10	23	
	428	FARAFRA	360	1	14	03	2	6	Ac	12.6	30	1	16	
	432	DAKHLA	150	13	12	03	1	4	Ci	13.0	33	4	16	
	435	KHARGA	160	3	15	01	1	2	Ci	11.8	32	15	36	
Red Sea	450	SUEZ	180	7	50	03	0	5	Cu	15.2	24	18	69	
	459	ṬÛR												
	462	HURGHÂDA	120	1	22	02	0	3	Ci	14.9	28	22	70	
	465	QUSEIR	360	6	20	01	1	2	Cs	15.2	26	21	74	
	641	PORT SÛDÂN	100	6	20	02	1	3	Sc, Ac	13.0	29	25	79	
North Sudan	600	WÂDI ḤALFA												
	640	ABU ḤAMAD	130	4	20	02	0	0	—	11.5	33	16	36	
	660	KAREIMA	00	0	24	01	0	0	—	8.9	35	12	25	
	680	ʿAṬBARA	00	0	21	02	0	0	—	9.0	35	8	19	
	721	KHARṬOÛM	40	5	20	02	2	6	As	7.0	36	10	20	
	780	KASSALA	350	12	20	03	1	6	Cs	6.3	37	5	13	
Central Sudan	751	WÂD MEDANI	90	6	20	03	0	3	Ci	5.0	37	14	25	
	801	RENK	00	9	20	02	0	5	Ci	6.6	36	9	19	
	802	ROSEIRES	310	3	20	02	0	3	Ac	8.4	35	12	25	
	771	EL OBEID	310	5	20	02	1	4	Cu	6.5	37	11	20	
	760	EL FASHER	360	5	20	03	0	4	Ac, Ci	6.2	35	6	16	
	770	GENEINA	00	0	24	02	0	2	Ci	7.2	34	5	16	
S. Sudan	840	MALAKÁL	220	1	20	02	0	2	Ac	7.7	34	5	16	
	880	WÂU	270	7	20	02	2	7	As, Cs	8.5	33	17	38	
	941	JUBA	110	4	20	01	2	6	Cu, Ci	8.3	34	14	30	
			200	5	24	01	6	7	As	9.6	27	19	62	

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. mm.
SALLOÛM	340	14	11	02	0	0	—	11.6	18	10	28	+5	60	0
SÎDI BARRÂNI	300	14	1	02	1	0	—	10.8	20	17	29		83	0
MATRÛḤ (A)	320	12	5	02	4	0	—	11.4	21	-3	29		20	0
EL DAB'AA	160	9	4	04	0	8	Ac	9.6	23	5	28		32	0
ALEXANDRIA	90	8	20	50	5	8	Sc, Cu	18.3	23	12	23	0	50	dr
ALEXANDRIA (A)	130	11	12	60	5	8	Sc, Ac, As	18.7	19	14	21	-1	73	dr
DAMIETTA	70	2	4	02	5	8	Sc	16.8	21	18	23	+1	83	dr
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	230	2	4	02	5	8	Ac, As	15.9	21	14	22	-1	65	0
MANṢÛRA	140	9		02	5	8	St	17.2	22	11	23	-1	50	0
ṬANṬA	130	14	20	03	6	8	St	16.5	22	11	23		50	dr
SHEBÎN EL KÔM	20	2	10	01	1	5	Sc	15.6	20	13	24		64	0
ZAGAZIG	40	1	10	02	0	8	Cu	16.1	20	13	24	0	64	0
ISMA'ILÍA														
CAIRO (A)	00	0	12	02	2	6	Sc	16.6	23	15	30		61	0
CAIRO ALMÁZA (A)											30	+7		0
CAIRO EZBEKÍYA											30	+6		0
GIZA											31	+8		0
ḤELWÂN	00	0	10	02	2	8	Ac, Ci	16.3	25	11	31	+9	42	0
FAYOÛM	20	4	20	02	2	8	Ns	15.9	21	15	30	+6	69	0
MINYA (A)	00	0	7	02	2	0	—	15.1	21	14	30	+6	65	0
AṢYOÛṬ (A)	00	0	10	02	0	0	—	15.1	25	14	31	+6	51	0
NAG' HAMÂDI	00	0	4	01	0	2	Ac	14.8	21	16	32	+6	74	0
QENA	00	0		00	0	0	—	15.0	22	17	32	+5	74	0
LUXOR (A)	00	0	10	02	0	0	—	13.3	27	17	35	+7	55	0
ASWÂN														
SÎWA	320	9	13	02	1	6	As, As	12.1	21	6	30	+7	38	0
BAHARÎYA	130	2	10	02	2	5	Ac, As	13.3	24	13	31	+7	50	0
FARAFRA														
DAKHLA	150	5	5	02	1	0	—	14.0	23	1	33	+8	24	0
KHARGA	00	0	6	02	0	0		12.1	23	14	32	+7	47	0
SUEZ	360	10	10	01	0	0	—	18.4		8	26	+2		
ṬÛR														
HURGHÂDA	00	0	10	02	0	0	—	15.6	20	17	29	+5	83	0
QUSEIR	260	2	20	01	0	0	—	16.0	23	20	26	0	84	0
PORT SÛDÂN	00	0				0	—	13.9	28	15	31		55	0
WÂDI ḤALFA														
ABU ḤAMAD	20	5	20	01	0	0	—	12.7	27	13	35		42	0
KAREIMA	00	0	24	01	0	0	—	10.9	28	11	36		35	0
ʿAṬBARA	10	3	21	01	0	0	—	10.2	31	5	37		19	0
KHARṬOÛM	10	3	20	02	2	1	Ac	9.1	29	11	37		33	0
KASSALA	330	8	20	01	2	3	Ci	9.1	30	9	37		27	0
WÂD MEDANI	90	4	20	01	1	0	—	8.4	28	13	37		44	0
RENK											37			
ROSEIRES											36			
EL OBEID											38			
EL FASHER	40	5	20	01	0	1	Ci	9.5	25	6	35		20	0
GENEINA	40	4	20	02	2	7	As	10.5	25	0	35		19	0
MALAKÁL	00	0	20	01	0	1	Ac	11.9	23	7	35		36	0
WÂU	250	3	20	02	2	3	Ci	9.7	26	20	32		70	0
JUBA	00	0	20	01	2	2	As	8.4	29	21	35		62	0
	00	0	24	01	2	2	Ac	10.4	23	22	29		94	dr

At 0600 on SUNDAY 2nd DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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 Precip. Oct. 1st	Normal Precip. Oct. 1st
SALLOÛM	120	10	12	03	0	6	Sc, Cs	19.2	+1.8	12	21	24	-1	45	0	20	
SÎDI BARRÂNI	220	8	15	02	1	7	Ac	19.2		12	8	13		77	0	35	
MATRÛḤ (A)	280	13	12	02	2	7	Ns	19.4	+1.4	15	11	14		77	0	40	
EL DAB'AA	340	8	10	00	0	8	Ac	17.1		19	16	15		83	0	18	
ALEXANDRIA	90	9	20	02	5	8	Cu, Sc	18.7	-2.7	26	16	20	+6	57	dr	13	42
ALEXANDRIA (A)	130	14	12	03	2	8	Sc, Ac	18.7	-1.9	24	11	19	+6	44	0	13	36
DAMIETTA	160	2		02	2	7	Sc	18.2	+0.7	21	16	18	+5	74	dr	18	22
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	90	2	10	03	6	6	Ac, As	16.4	-2.1	22	13	19	+7	57	dr	2	16
MANṢÛRA	00	0		01	1	6	Cu	17.6	-0.14	20	15	17	+5	73	dr	dr	10
ṬANṬA	90	5	20	03	1	6	Cu	17.44	-1.2	18	11	14	+4	83	dr	1	8
SHEBÎN EL KÔM	320	2	10	01	1	2	Cu	17.8	-0.7	18	15	17		83	0	0	
ZAGAZIG	00	0	10	01	1	2	As	17.9	-0.6	19	9	12	+1	52	0	1	7
ISMA'ILÍA	00	0	20	03	2	7	Ac	18.0		19	12	15		64	0	0	
CAIRO (A)	00	0	12	02	0	3	Ac	17.7		20	13	17		64	0	dr	
CAIRO ALMÁZA (A)	00	0	10	00	0	4	Ci	17.3	-0.9	21	14	18	+6	65	0	0	
CAIRO EZBEKÍYA										18	14	13	+1	78	0	dr	4
GIZA	340	4	8	02	—	4	Ac	17.8	-1.2	14	12	13	+3	88	0	dr	6
ḤELWÂN	00	0	4	05	1	3	Ac	17.44	-1.5	21	10	19	+7	50	0	dr	4
FAYOÛM	00	0	20	02	1	3	St	17.8	-0.9	17	13	14	+1	77	0	dr	0
MINYA (A)	360	3	5	02	0	1	Ci	17.2	-1.3	18	15	13	+4	83	0	0	
AṢYOÛṬ (A)	00	0	12	02	0	0	—	17.2	-1.6	20	12	15	+5	68	0	0	
NAG' HAMÂDI	00	0		01	0	3	Ac, Cs	16.4	-1.4	19	12	12	+3	68	0	0	
QENA	00	0	10	00	0	0	—	17.8	-0.1	22	15	15	+4	65	0	0	
LUXOR (A)	00	0	22	02	0	0	—	16.9	-0.5	21	16	15		74	0	0	
ASWÂN	350	2	12	02	0	0	—	15.2	-2.2	21	17	18	+4	78	0	0	
SÎWA	360	13	14	02	0	5	Ac, As	18.7	-0.8	13	9	13	+6	48	0.3	1	1
BAHARÎYA	00	0	20	02	1	4	Ac	16.6	-2.8	20	15	16	+7	73	0	0	2
FARAFRA	360	1	15	03	2	7	Ac	17.4		17	-1	14		36	0	0	
DAKHLA	90	4	14	03	0	1	Ci	16.4	-2.6	15	4	10	+1	42	0	0	
KHARGA	00	0	10	02	1	1	Ci	15.0	-3.3	21	14	16	+6	65	0	0	
SUEZ	00	0	20	00	0	3	Cu	18.9	+2.3	17	11	13	-1	68	0	dr	6
ṬÛR																	4
HURGHÂDA	290	1	20	02	0	1	Ci	16.4	+0.2	21	15	15	+1	69	0	0	
QUSEIR	300	6	20	03	0	1	Ac	17.0	+0.3	24	18	20	+3	69	0	0	3
PORT SÛDÂN	330	7	20	02	0	1	Sc	15.6		27	23	22		79	0		
WÂDI ḤALFA																	
ABU ḤAMAD	360	5	24	02	0	0	—	13.0		25	15	21		54	0		
KAREIMA	40	4	21	02	0	0	—	12.3		24	11	21		44	0		
ʿAṬBARA	60	8	20	02	0	0	—	11.9		25	13	20		47	0		
KHARṬOÛM	30	9	20	02	0	0	—	10.6		25	9	22		36	0		
KASSALA	150	6	20	02	0	0	—	10.2		28	14			40	0		
WÂD MEDANI	50	9	20	02	0	0	—	7.6		24	14	16		54	0		
RENK	230	2	20	02	0	0	—	12.5		23	13	17		51	0		
ROSEIRES	230	2	20	02	0	0	—	11.0		24	18	20		74	0		
EL OBEID	360	7	20	02	0	1	Ci	11.1		24	5	18		44	0		
EL FASHER	230	2	20	01	2	2	Ci	14.8		18		13			0		
GENEINA	90	2	20	03	1	5	As	16.0		18	5	12		49	0		
MALAKÁL	310	2	20	03	1	1	As	12.1		23	21	20		89	0		
WÂU	00	0	20	02	0	0	—	10.6		24	19	21		74	0		
JUBA	300	2	14	03	2	7	As, As	12.1		23	21	20		89	dr		

* 9 = Sky obscured by fog etc.

(A) AERODROME

RETARDS — DATE

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S. Barrani		Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12		2-12	
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	3	320	5	40	21	30	4	10	4	110	7	100	11	340	11	110	11	90	5	70	7
600 m.	280	5	300	6	50	23	50	6	10	5	150	7	100	6	330	11	110	10	330	4	80	7
1000 m.	260	11	310	8			80	6	30	3	140	10	100	12	20	9	120	7	210	7	80	7
1500 m.	210	17	310	9			160	9	40	3	170	16	120	12	160	6	140	6	200	22	210	7
2100 m.	200	17	300	7			190	19	40	2	140	13	140	12	190	8	180	7	230	13		
2400 m.			310	6			190	15	60	3	140	9	150	10			210	21	230	16		
3000 m.							200	16					110	11			200	23	250	16		
4000 m.							210	21									210	12				
5000 m.							210	21														
6000 m.							230	39														

STATION	Hurghada				Cairo (A)		Minya		Asyout		Dakhla								Dakhla		Hurghada	
DATE	2-12				3-12		3-12		3-12		3-12								3-12		3-12	
TIME	14				5		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.	10	8			250	10	210	3	150	10	70	5							20	3	40	9
600 m.	150	6			220	12	190	6	130	8	110	12							110	7	220	3
1000 m.	110	3			220	14	170	6	140	11	100	11							80	9	140	10
1500 m.	140	5			200	17	160	10	140	11											130	13
2100 m.	180	6			220	10			190	14											130	8
2400 m.	190	6			230	10			150	3												
3000 m.	140	5							80	8												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12	
TIME	8		8		8		6 45		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.	350	12	10	8	260	9	330	11	180	4	30	3	40	9	40	9	60	18	40	13	30	3
600 m.	10	12	10	8	270	5	270	3	120	3	140	11	110	10	80	22	80	15	40	9	100	6
1000 m.	40	9	30	7	210	14	210	13	130	5	180	11	120	13	100	19	90	5	160	14	160	12
1500 m	180	11	180	15			210	16	160	15	140	11	120	20	100	17	150	11	170	14	110	8
2100 m.	210	23	280	37			220	7	180	13	160	10	160	21	90	14	210	20	150	8	140	11
2400 m.	230	14	250	37			210	9	150	8	170	8	120	27	80	10	210	24	150	9	170	8
3000 m.			210	30			200	8			150	10	140	26			210	20			160	5
4000 m.							230	17									210	30				
5000 m.																	160	65				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	2-12					2-12														
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	27				25	18													
1000 mb.	149	27		20	2	176	17													
950 mb.																				
900 mb.																				
850 mb.	1567	21		160	9	1553	13													
800 mb.																				
700 mb.	3218	10		200	16	3166	4													
600 mb.																				
500 mb.						5807	-15													
400 mb.						7460	-26													
300 mb.						9470	-42		220	47										
200 mb.						12110	-58		220	96										

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 DECEMBER, 1956

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 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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 36 U.T. / " " Sunset 14 55 U.T.

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

At 0600 on MONDAY 3rd DECEMBER, 1956

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	SALLOÛM	00	0	16	02	2	4	Sc,Ac	19.1	20	5	38	00	0	12	02	0	3	Sc	20.7	15	-2	25	+3	32	0
	303	SÎDI BARRÂNI	10	3	15	02	2	6	Sc,Ac	19.7	18	11	64	350	5	12	01	1	2	Ac	20.3	16	10	19		68	0
	306	MATRÛḤ (A)	30	9	16	03	2	7	As	18.0	20	12	60	350	9	12	02	2	5	Sc	20.0	17	12	22		72	0
	309	EL DAB'AA	360	6	10	00	0	7	Ac,As	17.1	22	15	65	340	5		00	0	5	Ac	18.7	20	17	23		83	0
	319	ALEXANDRIA	360	14	20	01	1	4	As,Cs	17.5	22	19	83	40	9	20	01	0	0	—	18.0	21	18	26	+4	83	0
	318	ALEXANDRIA (A)	20	14	6	07	2	5	Ac	17.2	24	18	69	40	5	6	05	2	3	Ac	17.7	18	18	28	+6	97	0
	330	DAMIETTA	290	5	10	01	1	5	Cu	17.5	23	18	74	290	9		00	1	0	—	17.6	22	17	24	+2	74	0
	333	PORT SA'ID (A)																									
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHÛR	40	6		01	1	3	Ci	17.0	27	17	55	40	2		02	0	1		17.4	20	17	28	+5	83	0
	342	MANŞÛRA	20	0		01	1	2	Ac	17.6	28	15	45	40	5		00	0	0	—	17.0	21	16	30	+6	74	0
	348	ṬANṬA	40	6	20	01	1	3	Cu	16.5	28	15	45	00	0	20	02	0	0	—	17.5	19	16			83	0
	360	SHEBÎN EL KÔM	40	8	20	01	1	2	Cu	16.4	28	13	40	40	2	10	01	1	1	Sc	17.0	21	14	29		65	0
	354	ZAGAZIG	00	0	20	03	1	6	As	16.6	26	14	48	00	0	10	02	1	6	Cu	16.6	23	12	28	+4	50	0
	441	ISMA'ILÍA	140	2	20	02	2	7	As,As	14.7	32	14	34														
CAIRO AREA	366	CAIRO (A)	10	5	8	05	2	7	As	16.3	28	15	45	90	3	12	01	1	0	—	17.1	20	15	29		73	0
	372	CAIRO ALMÂZA (A)	340	6	8	02	2	6	Ac	16.1	28	13	40											30	+7		0
	374	CAIRO EZBEKÎYA																						30	+7		0
	375	GIZA	70	3	10	03	1	6	As,As	16.7	27	15	48											28	+5		0
	378	ḤELWÂN	320	8	10	02	2	6	Ac,cc	16.2	29	9	29	20	1	10	01	2	0	—	16.3	23	12	30	+8	50	0
UPPER EGYPT	381	FAYOÛM	360	4	20	02	1	3	Sc	16.0	28	14	42	360	4	20	02	1	3	Sc	16.0	20	16	30	+6	78	0
	387	MINYA (A)	00	0	10	02	0	1	Ci	15.7	32	14	24	00	0	7	02	0	0	—	15.7	20	14	33	+9	69	0
	393	AṢYOÛṬ (A)	90	4	15	02	0	0	—	15.0	33	9	23	140	4	10	02	0	0	—	15.8	24	11	34	+10	44	0
	399	NAG' ḤAMÂDI	60	0	10	01	0	2	Ac	14.6	33	19	44	00	0		01	0	2	Ac	15.4	22	17	34	+8	74	0
	402	QENA	00	0	20	00	0	0	—	14.3	30	17	46	00	0		00	0	0	—	14.2	22	15	33	+6	65	0
	405	LUXOR (A)	330	4	22	02	0	0	—	13.5	33	17	38														
	414	ASWÂN	170	2	15	02	0	0	—	11.3	35	10	22	100	2	12	02	0	0	—	13.8	28	12	37	+10	37	0
OASES	417	SÎWA	360	12	15	02	1	4	Ac	18.6	21	-4	18	350	5	14	01	1	1	Ac	19.8	16	-6	22	-1	22	0
	420	BAḤARÎYA	130	3	20	02	1	4	Ac	14.5	32	17	41	00	0	10	02	1	0	—	16.4	23	15	33	+10	61	0
	423	FARAFRA	10	1	20	01	1	1	Ac	15.9	29	3	19	270	3	12	02	0	0	—	17.3	21	3	30		31	0
	432	DAKHLA	00	0	15	02	0	0	—	14.8	31	15	38	290	5	5	02	0	0	—	15.9	25	8	33	+8	34	0
	435	KHARGA	00	0	15	03	0	1	Ci	12.7	34	16	34	350	1	6	02	0	0	—	13.5	26	11	35	+9	40	0
RED SEA	450	SUEZ	00	0	50	01	0	2	Cu	16.1	28	10	33	180	7	10	01	0	0	—	19.2	16	10	30	+6	68	0
	459	TÔR																									
	462	HURGHÂDA	350	2	20	02	0	0	—	15.4	28	19	58	00	0	10	02	0	0	—	15.9	21	16	28	+4	74	0
	465	QUSEIR	350	9	20	02	0	1	Cs	15.6	27	21	70	310	4	20	01	0	0	—	16.7	24	19	28	+2	74	0
	641	PORT SÛDÂN	20	12	20	01	1	1	Sc	12.5	30	25	74	230	2	20	02	0	1	Sc	14.4	27	24	31		84	0
NORTH SUDAN	600	WÂDI ḤALFA	10	7	20	03	0	4	Cu,Ci	11.4	35	17	35	30	9	20	02	0	3	Ci	12.8	28	12	35		37	0
	640	ABU ḤAMAD	70	5	24	02	0	0	—	9.0	37	5	13	70	5	24	02	0	0	—	10.9	28	7	37		27	0
	660	KAREIMA	50	6	21	02	0	0	—	8.5	36	6	15	360	4	21	02	0	0	—	10.1	21	5	37		35	0
	680	ʿAṬBARA	60	4	20	02	0	0	—	7.3	36	4	13	40	4	20	02	0	0	—	9.2	20	3	37		33	0
	721	KHARṬOÛM	40	10	30	02	0	0	—	6.3	36	10	20	20	7	20	02	0	0	—	8.6	29	9	37		29	0
	730	KASSALA	140	2	20	02	0	0	—	4.9	37	9	18	90	6	20	02	0	0	—	8.3	29	15	39		43	0
CENTRAL SUDAN	751	WÂD MEDANI	50	13	20	02	0	0	—	5.2	36	9	19											37			
	801	RENK	270	5	20	02	0	0	—	7.1	37	11	20											37			
	802	ROSEIRES	50	2	20	02	0	1	Cu	2.2	27	13	42											32			
	771	EL OBEID	60	7	20	02	0	0	—	6.0	35	7	18	50	6	20	02	0	0	—	8.3	25	9	35		36	0
	760	EL FASHER	360	7	24	02	0	2	Ci	6.2	35	-1	10	50	7	20	01	0	1		9.8	26	4	36		25	0
	770	GENEINA												360	2	20	02	0	0	—	11.0	23	4	35		29	0
S. SÛDÂN	840	MALAKÂL	350	2	20	02	0	1	Cu	6.3	35	14	29	160	7	20	02	0	2	Cs	7.7	28	17	36		52	0
	880	WÂU	40	9	20	03	0	2	Cu	5.2	35	12	25											36			0
	941	JUBA	90	6	24	03	2	6	Cu,Ac,Ci	5.2	33	16	36											35			0

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 From Oct. 1st
SALLOÛM	340	10	16	02	2	7	As,Cs	20.0	+2.6	13	4	12	0	55	0	20	
SÎDI BARRÂNI	10	8	15	03	0	6	Ac,Ci	19.0		17	11	14		68	0	35	
MATRÛḤ (A)	20	11	16	02	2	7	Cs	18.9	+0.9	18	11	16		64	0	40	
EL DAB'AA	360	8	10	00	0	2	Ci	17.9		19	14	18		73	0	18	
ALEXANDRIA	360	8	20	03	0	5	Sc	17.5	-1.0	22	16	20	+6	69	0	13	44
ALEXANDRIA (A)	360	10	12	02	0	6	Sc	17.2	-0.5	20	19	17	+4	94	0	13	37
DAMIETTA	290	2		02	1	4	Ac	16.7	-0.8	18	18	15	+2	97	0	18	23
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	0.5	12	4	8	As	17.1	-1.5	17	17	14	+3	97	0	2	17
MANŞÛRA	40	3		02	1	4	Cu	16.8	-1.3	18	16	15	+3	88	0	dr	10
ṬANṬA											13	11	+1		0	1	8
SHEBÎN EL KÔM	320	2	10	01	1	2	As	17.1	-1.4	16	12	14		77	0	0	
ZAGAZIG	00	0	10	01	0	0	—	16.9	-1.7	15	9	10	0	68	0	1	7
ISMA'ILÍA	250	5	20	03	1	7	As	16.8		19	14	15		73	0	0	
CAIRO (A)	240	6	7	05	0	4	Ci	17.4		18	15	15		83	0	dr	
CAIRO ALMÂZA (A)	200	4	4	05	0	2	Ac	17.4	-0.9	18	14	15	+3	78	0	0	
CAIRO EZBEKÎYA										18	14	15	+3	78	0	dr	4
GIZA	10	1	8	03	0	5	Cs	17.8	-0.5	16	15	11	+1	94	0	dr	6
ḤELWÂN	00	0	4	05	1	4	Ci	17.6	-1.3	16	14	15	+3	88	0	dr	4
FAYOÛM	360	4	20	02	1	3	Sc	17.6	-1.1	17	14	14	+4	83	0	dr	0
MINYA (A)	00	0	10	02	0	3	Ci	16.5	-2.1	17	13	12	+3	77	0	0	
AṢYOÛṬ (A)	00	0	10	03	0	3	Ci	16.4	-2.5	20	10	16	+6	53	0	0	
NAG' ḤAMÂDI	00	0		01	0	2	As	16.8	-0.7	21	16	14	+5	74	0	0	
QENA	00	0	10	00	0	0	—	16.6	-1.3	20	11	15	+4	56	0	0	
LUXOR (A)	00	0	22	00	0	0	—	16.8	-0.9	22	14	15		61	0	0	
ASWÂN	350	2	12	02	0	0	—	16.7	-0.9	23	15	17	+3	61	0	0	
SÎWA	20	2	15	02	2	7	As	18.5	-1.1	14	6	12	+5	59	0	1	1
BAḤARÎYA	20	3	<1	48	4	8	As	17.3	-2.2	16	16	15	+7	97	0	0	2
FARAFRA	180	1	14	02	2	5	Ci	17.9		14	5	12		55	0	0	
DAKHLA	310	2	14	01	0	1	Ci	17.4	-1.7	16	8	13	+4	49	0	0	
KHARGA	00	0	10	03	0	1	Ci	13.8	-4.6	24	12	17	+7	47	0	0	
SUEZ	00	0	20	00	0	2	Cu	17.9	+0.3	19	16	14	+1	83	0	dr	6
TÔR																	4
HURGHÂDA	00	0	10	02	0	0	—	16.7	+0.5	21	11	16	+2	53	0	0	
QUSEIR	290	5	20	02	0	0	—	16.6	-0.1	25	15	20	+2	54	0	0	3
PORT SÛDÂN	340	14	4	60	5	2		12.6		28	23	22		74	0		
WÂDI ḤALFA	00	0	20	02	0	0	—	13.6		22	9	19		44	0		
ABU ḤAMAD	00	0	24	02	0	0	—	11.4		27	14	21		45	0		
KAREIMA	50	3	21	02	0	0	—	11.2		23	8	22		38	0		
ʿAṬBARA	70	13	10	07	1	0	—	10.0		26	11	18		40	0		
KHARṬOÛM	00	0	20	02	0	0	—	9.2		24	13	18		50	0		
KASSALA	140	9	20	02	0	0	—	8.6		29	10	22		31	0		
WÂD MEDANI	50	9	20	02	0	0	—	8.7		24	16	19		61	0		
RENK	90	2	20	02	0	1	Ac	9.2		26	18	15		62	0		
ROSEIRES	220	5	20	02	0	1	Ci	7.5		24	18	19		69	0		
EL OBEID	40	10	20	02	0	0	—	8.4		25	6	17		80	0		
EL FASHER	00	0	30	02	1	6	Cs	12.5		17	2	13		39	0		
GENEINA	60	6	30	03	0	2	Cs	14.8		18	0	12		30	0		
MALAKÂL	270	1	20	01	0	1	Cs	8.8		25	21	20		79	0		
WÂU	00	0	20	02	0	0	—	9.1		23	18	20		74	0		
JUBA	180	4	24	03	0	5	Cs	8.8		23	19	18		79	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Dakhla		Hurghada	
DATE	3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12		3-12	
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.	40	19	350	19	30	8	30	3	40	14	80	13	70	10	30	12	20	6	200	3	140	8
600 m.	30	13	350	17	20	8	40	3	170	4	70	17	60	9	30	11	150	6	180	3	180	3
1000 m.	30	15	340	16	340	5	140	2	190	8	100	15	60	7	40	10	270	20	130	7	00	0
1500 m.					210	10	170	4	150	10	110	23	190	17	80	14	90	12	160	19	120	3
2100 m.					180	15	160	7	150	11	90	21	210	23	80	12	340	14	170	20	130	9
2400 m.					180	11	80	6	160	12	90	19	210	23	70	22	330	10	170	16	110	7
3000 m.					210	9			160	6	100	18	210	38	90	21	330	4				
4000 m.					240	12																
5000 m.					220	20																
6000 m.			220	40	220	31																

STATION	Minya		Asyout																			
DATE	4-12		4-12																			
TIME	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.	120	10	30	3																		
600 m.	140	8	110	10																		
1000 m.	200	26	130	10																		
1500 m.	190	14	180	11																		
2100 m.	190	13	210	14																		
2400 m.	200	16	200	15																		
3000 m.	200	18																				
4000 m																						
5000 m.																						
6000 m.																						

STATION	Alex(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Hurghada					
DATE	4-12		4-12		4-12		4-12		4-12		4-12		4-12		4-12		4-12					
TIME	8		8 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.	20	16	360	10	140	6	20	3	60	7	130	1	360	23	10	12	00	0				
600 m.	330	13	200	16	170	17	60	9	100	12	140	7	360	29	340	19	160	6				
1000 m.	340	15	200	13	170	13	80	6	100	10	230	13	360	26	360	20	150	6				
1500 m	330	9	220	12	210	7	170	7	60	12	260	30	340	14	10	20	190	4				
2100 m.			230	13	250	11	170	21	80	9	250	37	350	18			120	1				
2400 m.			240	16	240	13	120	11	70	10			350	15			120	5				
3000 m.					220	12	100	21	70	7			220	3								
4000 m.					250	14							210	12								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	3-12					3-12														
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	25				25	19													
1000 mb.	149	24		30	5	128	17		20	12										
950 mb.																				
900 mb.																				
850 mb.	1560	18		210	10	1528	14													
800 mb.																				
700 mb.	3188	5		210	9	3141	3													
600 mb.																				
500 mb.	5828	-15		220	20	5779	-15													
400 mb.	7484	-25		240	41	7432	-32		40	51										
300 mb.	9524	-40		240	43		-42		220	52										
200 mb.						12080	-58		230	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

FORM No.

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 4th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

_____
_____
_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 36 U.T. / " " Sunset 14 55 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 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	00	0	18	02	2	8	Sc, cu, Ac	19.1	18	10	60
	303	SÎDI BARRÂNI	30	12	15	02	1	8	Sc, As	17.6	18	12	68
	306	MATRÛḤ (A)	20	12	16	02	2	7	Sc, cu, Cs	18.3	19	11	60
	309	EL ḌAB'AA	360	7	10	00	0	7	cu	18.6	16	14	88
	319	ALEXANDRIA	360	10	20	02	1	5	Sc, Ac, ci	17.1	21	18	83
	318	ALEXANDRIA (A)	10	10	12	02	2	6	Sc, ci	16.6	22	18	78
	330	DAMIETTA	340	2	10	03	1	6	Ac	16.0	24	18	69
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	10	03	1	5	Cs	16.0	25	19	70
	342	MANṢÛRA	00	0		03	1	6	As	15.4	26	18	62
	348	ṬANṬA	330	6	20	03	2	7	ci	16.1	25	17	61
	360	SHEBÎN EL KÔM	20	2	20	01	1	3	As	16.4	26	16	55
	354	ZAGAZIG	00	0	20	01	1	0	—	16.6	25	15	54
	441	ISMA'ILÎA	320	1	20	02	2	8	Ac	16.2	29	18	52
Cairo Area	366	CAIRO (A)	360	3	12	02	0	4	ci	15.6	25	17	61
	372	CAIRO ALMÂZA (A)	340	4	12	01	1	4	cs	15.5	26	17	58
	374	CAIRO EZBEKÎYA											
	375	GIZA	80	6	10	01	0	4	cc	16.0	25	18	65
	378	ḤELWÂN	320	5	4	05	2	2	ci	15.4	27	13	42
Upper Egypt	381	FAYOÛM	360	4	20	02	1	3	st	15.2	26	16	55
	387	MINYA (A)	00	0	10	02	0	3	ci	14.2	29	14	40
	393	AṢYOÛṬ (A)	00	0	14	02	0	2	ci	13.9	31	12	31
	399	NAG' HAMÂDI	20	2	10	01	0	3	Ac, cs	13.8	33	10	24
	402	QENA	00	0	20	00	0	0	—	14.8	30	13	35
	405	LUXOR (A)	360	4	22	02	0	0	—	13.0	34	19	41
	414	ASWÂN	100	2	16	02	0	0	—	11.2	36	5	14
Oases	417	SÎWA	70	12	15	02	2	7	Ac	16.3	23	9	41
	420	BAḤARÎYA	40	3	20	02	4	7	Ac	14.6	28	17	52
	428	FARAFRA	80	1	20	01	2	3	ci	14.3	27	11	37
	432	DAKHLA	00	0	15	02	0	0	—	13.8	32	11	28
	435	KHARGA	00	0	15	02	0	0	—	11.1	37	12	22
Red Sea	450	SUEZ	360	8	50	03	0	3	cu	15.1	28	17	52
	459	TÔR											
	462	HURGHÂDA	70	4	20	02	0	1	ci	14.5	29	23	70
	465	QUSEIR	30	6	20	03	0	1	cs	15.1	27	23	79
	641	PORT SÛDÂN	30	13	20	01	1	1	Sc	11.1	30	25	74
North Sudan	600	WÂDI ḤALFA	130	10	20	02	0	0	—	9.7	37	13	22
	640	ABU ḤAMAD	70	13	20	02	0	0	—	7.5	35	7	18
	660	KAREIMA	60	8	20	02	0	0	—	7.0	35	5	15
	680	'AṬBARA	100	10	20	02	0	0	—	5.4	36	3	13
	721	KHARṬOÛM	90	17	20	02	0	0	—	3.9	37	4	13
	730	KASSALA	130	7	20	02	0	0	—	3.3	36	9	19
Central Sudan	751	WÂD MEDANI	50	5	20	02	0	0	—	2.7	36	6	15
	801	RENK	310		20	02	0	2	cs	2.6	38	7	15
	802	ROSEIRES	230	5	20	02	0	1	cu	1.1	38	12	21
	771	EL OBEID	50	9	20	02	0	1	ci	3.6	35	6	16
	760	EL FASHER	360	4	30	02	2	7	cs	3.3	34	5	16
	770	GENEINA	30	2	50	01	0	1	ci	7.2	32	-7	8
S. Sûdân	840	MALAKÂL	340	8	20	03	0	2	cu	4.1	36	14	27
	880	WÂU	50	7	20	01	2	4	cu, ci	3.2	36	14	27
	941	JUBA	50	1	24	01	1	3	cu	3.0	35	17	35

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 °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	00	0	10	00	5	8	Sc, cu, As	18.6	17	12	23	+1	72	tr
303	SÎDI BARRÂNI	80	8	15	02	2	7	Sc, As	18.4	18	13	19		73	0
306	MATRÛḤ (A)	40	14	10	02	2	8	Sc, cu, Cs	17.9	17	13	22		77	0
309	EL ḌAB'AA	70	9		00	0	8	Ac	18.7	20	15	22		73	0
319	ALEXANDRIA	360	12	20	01	1	2	cu	19.0	20	17	23	+1	83	0
318	ALEXANDRIA (A)	20	10	10	01	2	5	Sc, ci	18.5	20	18	23	+1	88	0
330	DAMIETTA	270	2		01	1	2	Ac	17.8	20	18	24	+2	88	0
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2		01	1	1	ci	17.8	19	17	26	+3	88	0
342	MANṢÛRA	00	0		00	0	0	—	17.8	20	17	28	+5	83	0
348	ṬANṬA	360	5	20	03	2	8		18.3	18	18	27	+4	97	0
360	SHEBÎN EL KÔM	20	4	10	01	1	2	Sc	17.0	19	14			73	0
354	ZAGAZIG	00	0	10	02	0	0	—	17.4	21	10	27	+4	50	0
441	ISMA'ILÎA														
366	CAIRO (A)	80	6	12	01	2	1	ci	16.9	22	18	27		78	0
372	CAIRO ALMÂZA (A)											27	+4		0
374	CAIRO EZBEKÎYA														
375	GIZA	70	9	10	01	0	0	—	17.2	20	18	26	+4	88	0
378	ḤELWÂN	20	13	4	05	2	5	cs	16.2	23	18	27	+5	74	0
381	FAYOÛM	360	4	20	02	1	3	st	15.5	22	17	27	+3	74	0
387	MINYA (A)	360	6	7	02	1	0	—	15.1	19	15	31	+7	78	0
393	AṢYOÛṬ (A)	260	3	10	01	0	0	—	14.7	24	13	32	+8	50	0
399	NAG' HAMÂDI		0		00	0	0	—	14.7	21	16	34	+8	74	0
402	QENA	00	0		00	0	0	—	14.3	21	16	33	+6	74	0
405	LUXOR (A)														
414	ASWÂN	00	0	10	02	0	0	—	13.1	28	5	37	+10	23	0
417	SÎWA	70	12	14	02	2	7	Ns, As	17.1	20	9	24	+1	49	0
420	BAḤARÎYA	40	2	10	02	2	0	—	16.1	22	16	29	+6	69	0
428	FARAFRA	360	1	12	00	1	0	—	16.3	23	10	28		44	0
432	DAKHLA	270	3	5	02	0	0	—	14.6	25	8	34	+9	34	0
435	KHARGA	00	0	6	02	0	0	—	12.2	26	18	38	+12	62	0
450	SUEZ	310	8	10	01	0	0	—	15.1	18	15	29	+6	83	0
459	TÔR														
462	HURGHÂDA	200	10	5	02	0	8	ci	14.9	24	22	30	+6	89	0
465	QUSEIR	270	3	10	01	0	0	—	15.5	24	22	29	+3	89	0
641	PORT SÛDÂN	320	5	20	01	1	0	—	15.1	26	21	31		74	0
600	WÂDI ḤALFA	100	6	20	01	0	0	—	11.4	27	8	38		30	0
640	ABU ḤAMAD	70	9	22	02	0	0	—	9.9	27	5	36		25	0
660	KAREIMA	00	0	21	02	0	0	—	8.9	29	7	36		25	0
680	'AṬBARA	80	10	20	02	0	0	—	8.7	30	6	37		22	0
721	KHARṬOÛM	30	10	20	01	0	0	—	7.9	29	6	38		23	0
730	KASSALA	100	6	20	02	0	0	—	6.4	30	14	37		38	0
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID											35			0
760	EL FASHER	100	6	20	02	0	0	—	6.4	20	14	37		69	0
770	GENEINA	360	3	50	02	0	0	—	10.7	24	4	35		28	0
840	MALAKÂL	250	1	20	02	1	4	Ac, ci			19	37			0
880	WÂU	00	0	20	01	1	0	—	5.7	29	15	37		43	0
941	JUBA	00	0	24	02	0	2	Ac	6.5	27	17	36		55	0

At 0600 on TUESD[illegible]

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud / Bar. / Temperatures	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	300	10	16	02	2	[illegible]	77	7	27	
303	SÎDI BARRÂNI	280	8	10	02	6	[illegible]	94	3	38	
306	MATRÛḤ (A)	00	0	04	02	3	[illegible]	97	4	44	
309	EL ḌAB'AA	20	4	10	01	0	[illegible]	88	0	18	
319	ALEXANDRIA	360	12	20	03	0	[illegible]	88	0	13	46
318	ALEXANDRIA (A)	360	12	8	02	2	[illegible]	94	0	13	38
330	DAMIETTA	320	5		03	1	[illegible]	88	0	18	24
333	PORT SA'ÎD (A)										
336	EL 'ARISH										
339	DAMANHÛR	40	2		03	2	[illegible]	97	0	2	18
342	MANṢÛRA	360	2	0.5	43	4	[illegible]	92	0	tr	10
348	ṬANṬA	330	6	20	03	2	[illegible]	97	0	1	8
360	SHEBÎN EL KÔM	40	2	4	41	0	[illegible]	83	0	0	
354	ZAGAZIG	00	0	10	02	0	[illegible]	73	0	1	7
441	ISMA'ILÎA	40	1	0.5	42	4	[illegible]	97	0	0	
366	CAIRO (A)	100	10	12	05	2	[illegible]	88	0	tr	
372	CAIRO ALMÂZA (A)	320	6	15	02	2	[illegible]	88	0	0	
374	CAIRO EZBEKÎYA						[illegible]	83	0	tr	4
375	GIZA	30	3	15	03	—	[illegible]	94	0	tr	6
378	ḤELWÂN	00	0	4	05	2	[illegible]	73	0	tr	4
381	FAYOÛM	00	0	20	02	1	[illegible]	83	0	tr	0
387	MINYA (A)	360	1	0.5	44	4	[illegible]	88	0	0	
393	AṢYOÛṬ (A)	10	0	14	02	0	[illegible]	66	0	0	
399	NAG' HAMÂDI	00	0		01	0	[illegible]	73	0	0	
402	QENA	00	0	10	00	0	[illegible]	62	0	0	
405	LUXOR (A)	00	0	22	02	0	[illegible]	83	0	0	
414	ASWÂN	60	2	12	02	0	[illegible]	67	0	0	
417	SÎWA	00	0	14	02	2	[illegible]	72	tr	1	1
420	BAḤARÎYA	00	0	10	02	0	[illegible]	94	0	0	2
428	FARAFRA	360	1	15	02	0	[illegible]	62	0	0	
432	DAKHLA	00	0	14	03	0	[illegible]	52	0	0	
435	KHARGA	00	0	10	03	1	[illegible]	49	0	0	
450	SUEZ	00	0	20	00	0	[illegible]	97	0	tr	6
459	TÔR										4
462	HURGHÂDA	280	1	22	02	0	[illegible]		0	0	
465	QUSEIR	290	5	20	03	0	[illegible]	61	0	0	3
641	PORT SÛDÂN	340	10	20	02	0	[illegible]	76	0		
600	WÂDI ḤALFA	00	0	20	03	0	[illegible]	30	0		
640	ABU ḤAMAD	50	5	24	02	0	[illegible]	24	0		
660	KAREIMA	60	1	21	02	0	[illegible]	41	0		
680	'AṬBARA	30	9	20	02	0	[illegible]	41	0		
721	KHARṬOÛM	20	9	20	02	0	[illegible]	67	0		
730	KASSALA	130	6	20	02	0	[illegible]	33	0		
751	WÂD MEDANI										
801	RENK										
802	ROSEIRES										
771	EL OBEID	50	2	20	02	0	[illegible]	26	0		
760	EL FASHER	290	4	24	03	1	[illegible]	37	0		
770	GENEINA	70	5	50	02	1	[illegible]	49	0		
840	MALAKÂL	150	4	20	03	2	[illegible]	78	0		
880	WÂU	230	2	20	02	2	[illegible]	76	0		
941	JUBA	210	5	24	03	0	[illegible]	65	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		Matruh		Cairo(A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Hurghada			
DATE	4-12		4-12		4-12		4-12		4-12		4-12		4-12		4-12		4-12		4-12			
TIME	14		15		13,45		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.	360	13	360	11	40	15	10	13	340	15	20	23	310	16	50	15	40	16	140	11		
600 m.	10	12	340	11	10	18	20	14	340	16	40	11	320	13	50	18	40	18	140	8		
1000 m.	360	8	320	12	360	23	20	16	320	16	50	13	300	14	40	22	40	17	350	8		
1500 m.	350	6	280	17	330	17	350	24	200	10	50	11			40	28	20	7	330	7		
2100 m.			260	21	240	17			200	10	80	11			30	39	350	13	290	7		
2400 m.			250	23	230	23			220	9	350	5			40	54			300	9		
3000 m.			250	29	220	26			220	7	30	4										
4000 m.			250	54	220	43																
5000 m.			250	60	250	57																
6000 m.			250	78	250	56																

STATION							Salloum		Minya		Asyout		Siwa									
DATE							5-12		5-12		5-12		5-12									
TIME							2		2		2 30		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.							20	6	10	25	360	11	60	17								
600 m.							360	13	20	30	10	17	50	17								
1000 m.							10	11	20	26	20	21	50	16								
1500 m.							30	13	10	20	320	9	40	15								
2100 m.									330	8	260	9										
2400 m.									40	9												
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex(A)		Cairo(A)		Minya		Luxor		Aswan		Siwa		Bahariya		Farafra							
DATE	5-12		5-12		5-12		5-12		5-12		5-12		5-12		5-12							
TIME	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	18	10	19	10	19	20	5	60	3	80	23	50	16	40	12						
600 m.	40	23	80	18	30	18	40	3	50	8	70	12	50	22	50	20						
1000 m.	40	23	60	22	20	23	210	4	60	7	80	17	50	26	70	16						
1500 m.			330	16	10	19	40	5	60	21	350	12	50	17	110	15						
2100 m.			300	20	270	4	30	3	60	3	220	15			170	13						
2400 m.			270	18	240	7	30	8	60	4	230	13										
3000 m.			240	29	220	9	20	7	30	3	220	28										
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	4-12					4-12														
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	23				25	17													
1000 mb.	139	22		70	14	149	17		10	10										
950 mb.																				
900 mb.																				
850 mb.	1526	12		330	17	1514	8		280	17										
800 mb.																				
700 mb.	3131	3		220	26	3100	2		250	31										
600 mb.																				
500 mb.	5773	-14		250	49	5732	-15		250	66										
400 mb.	7427	-25		250	72	7379	-27		250	81										
300 mb.	9458	-40				9398	-42													
200 mb.	12130	-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 5th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 36 U.T. / " " Sunset 14 55 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	Dew Point	Relative Humidity %	Rainfall Past 24 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	360	2	18	03	2	8	Cu, Sc	16.7	18	14	78	
	303	SÎDI BARRÂNI	360	12	15	02	8	8	Cb	16.4	18	15	83	
	306	MATRÛḤ (A)	10	16	16	03	2	8	Sc	15.3	19	16	83	
	309	EL ḌAB'AA	200	7	10	01	1	7	Cu	16.7	19	16	83	
	319	ALEXANDRIA	90	*	20	03	5	8	Cu, Sc	15.1	22	13	57	
	318	ALEXANDRIA (A)	120	4	12	02	2	7	Sc	16.9	21	15	69	
	330	DAMIETTA	360	5	10	03	1	7	Cu	16.0	21	14	65	
	333	PORT SAÏD (A)												
	336	EL 'ARISH												
LOWER EGYPT	339	DAMANHÛR	40	2		02	2	7	Ac, As	18.4	22	15	65	
	342	MANṢÛRA	350	5		03	1	6	Sc, Cu	15.9	26	12	42	
	348	ṬANṬA	40	8	20	03	2	7	Sc, Cu	16.7	23	15	61	
	360	SHEBÎN EL KÔM	320	5	20	01	1	3	Sc	16.6	23	12	50	
	354	ZAGAZIG	320	1	20	03	1	8	Cu	16.6	22	15	65	
	441	ISMA'ÎLÎA	20	6	20	03	2	8	Ac	15.8	24	16	61	
CAIRO AREA	366	CAIRO (A)	40	12	12	02	2	6	St, Ac	15.7	24	16	61	
	372	CAIRO ALMÂZA (A)	10	16	12	02	2	7	Cu, Ac	15.4	23	16	65	
	374	CAIRO EZBEKÎYA												
	375	GIZA	80	9	10	01	2	5	Sc, Cc	15.9	23	17	69	
	378	ḤELWÂN	340	15	20	02	2	5	Cu, Cc	15.1	23	15	61	
UPPER EGYPT	381	FAYOÛM	20	6	20	02	0	0		15.0	26	15	51	
	387	MINYA (A)	10	14	8	02	0	0	—	13.1	26	15	51	
	393	ASYOÛṬ (A)	00	0	14	02	0	0	—	12.8	29	11	32	
	399	NAG' ḤAMÂDI	00	0	20	03	1	2	Ci	12.3	30	11	31	
	402	QENA	330	4	22	02	0	0	—	11.6	29	19	55	
	405	LUXOR (A)	300	8	20	03	0	1	Ci	10.5	32	8	22	
	414	ASWÂN	340	8	12	60	6	8	As, As	15.9	18	14	78	
OASES	417	SÎWA	40	8	20	03	0	3		14.4	27	16	52	
	420	BAḤARÎYA	340	6	10	00	1	0	—	14.6	28	12	37	
	423	FARAFRA	340	7	14	02	2	5	Ci	15.3	31	12	31	
	432	DAKHLA	00	0	15	03	1	4	Ci	11.0	35	8	19	
	435	KHARGA												
RED SEA	450	SUEZ	00	0	20	02	0	1	Ci	12.6	29	19	55	
	459	ṬÛR	20	5	20	02	0	3	As, Cs	13.1	26	23	84	
	462	HURGHÂDA	50	11	20	04	6	3	Sc	14.0	34	25	74	
	465	QUSEIR												
	641	PORT SÛDÂN												
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	3	Ci	9.0	34	8	20	
	640	ABU ḤAMAD	70	5	24	02	0	0	—	6.8	34	1	12	
	660	KAREIMA	50	2	21	02	0	0	—	7.1	34	1	12	
	680	ʿATBARA	310	5	20	02	0	0	—	5.4	34	11	25	
	721	KHARTOÛM	330	7	20	01	0	0	—	5.3	35	7	18	
	730	KASSALA	30	1	20	02	0	0	—	3.1	35	5	15	
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	0	0	—	3.9	35	3	13	
	801	RENK	130	2	20	02	0	2	Cs	5.2	38	20	35	
	802	ROSEIRES												
	771	EL OBEID	40	5	20	01	0	1	Ci		34	4	18	
	760	EL FASHER	130	6	25	03	1	5	Cs	4.6	34	5	16	
	770	GENEINA	150	1	40	01	2	5	Cs	5.	34	1	12	
S. SÛDÂN	840	MALAKÂL	310	6	20	02	2	2	Cb, Ac, Ci	4.4	35	17	35	
	880	WÂU	50	4	20	02	2	7	Cu, Cs	4.0	35	17	35	
	941	JUBA	90	3	20	04	2	6	Cu, Cc	4.3	35	13	27	

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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	340	2	14	02	1	4	Sc	18.0	15	12	20	-2	82	0
303	SÎDI BARRÂNI	360	8	15	02	2	4	Cu	16.3	16	11	18		72	dr
306	MATRÛḤ (A)	200	6	15	01	2	5	Sc	17.2	16	12	22		77	0
309	EL ḌAB'AA	340	5		01	1	6	Ac	16.9	18	15	20		83	3
319	ALEXANDRIA	00	0	20	01	6	6	Cu, Sc	16.3	19	17	22	0	88	1
318	ALEXANDRIA (A)	340	5	8	01	8	5	Sc	15.4	18	16	21	-2	88	2
330	DAMIETTA	140	5		02	0	7	Cu	15.0	20	15	22	+1	73	dr
333	PORT SAÏD (A)														
336	EL 'ARISH														
339	DAMANHÛR	40	2	4	01	6	3	Ac, As	15.6	18	15	23	0	83	0.2
342	MANṢÛRA	00	0		03	5	7	As	15.4	20	15	26	+3	73	dr
348	ṬANṬA	00	0	20	03	6		As	16.4	17	15	24	+1	88	dr
360	SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	17.6	20	15	24		73	0
354	ZAGAZIG	40	1	10	01	1	0	—	17.0	20	8	24	+1	46	0
441	ISMA'ÎLÎA														
366	CAIRO (A)	150	14	12	02	2	7	Ac	14.8	20	12	24		60	0
372	CAIRO ALMÂZA (A)											23	0		0
374	CAIRO EZBEKÎYA											25	+2		0
375	GIZA	120	6	10	01	2	4	Sc	15.2	16	14	24	+2	88	0
378	ḤELWÂN	70	6	10	02	2	8	Sc, Cu	14.7	21	12	24	+2	57	0
381	FAYOÛM	20	6	20	02	0	2	St	14.8	20	15	26	+2	73	0
387	MINYA (A)	330	3	8	02	0	0	—	14.2	19	14	27	+3	73	0
393	ASYOÛṬ (A)	290	3	8	02	0	0	—	13.9	21	12	29	+5	65	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	13.0	22	15	33	+7	65	0
402	QENA	00	0		00	0	0	—	12.7	20	17	32	+6	83	0
405	LUXOR (A)	00	0	12	01	0	0	—	11.2	25	10	33	+6	39	0
414	ASWÂN	360	5	10	02	6	5	As	17.0	18	13	18	-5	73	0.4
417	SÎWA	340	7	10	02	0	2	Ac	15.9	20	16	28	+5	78	0
420	BAḤARÎYA	30	1	12	02	0	1	Ac	16.0	20	9	28		49	0
423	FARAFRA	00	0	6	02	0	0	—	13.9	25	15	31	+6	54	0
432	DAKHLA	350	3	6	02	0	0	—	10.6	27	10	36	+10	35	0
435	KHARGA														
450	SUEZ	360	7	10	01	0	0	—	15.5	18	13	26	+3	73	0
459	ṬÛR														
462	HURGHÂDA	330	12	10	02	0	0	—	12.0	24	18	29	+6	69	0
465	QUSEIR	00	0	20	01	0	0	—	13.0	25	20	26	0	74	0
641	PORT SÛDÂN	00	0	20	02	0	1	Sc	11.4	26	23	31		84	0
600	WÂDI ḤALFA	20	4	20	01	1	0	—	11.9	24	3	35		30	0
640	ABU ḤAMAD	00	0	24	02	0	0	—	8.9	26	2	35		21	0
660	KAREIMA	360	3	21	01	0	0	—	8.3	29	1	35		17	0
680	ʿATBARA	340	4	20	02	0	0	—	7.2	28	9	35		31	0
721	KHARTOÛM	50	7	20	02	0	0	—	7.1	28	8	35		29	0
730	KASSALA	90	3	20	02	0	0	—	6.3	27	11	38		37	0
751	WÂD MEDANI											36			
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	30	7	20	01	0	0	—	7.8	27	4	35		23	0
760	EL FASHER	70	7	20	02	2	6	Ac, Cs	6.0	27	4	36		23	0
770	GENEINA	290	3	50	01	1	3	Cs	6.8	25	4	35		26	0
840	MALAKÂL	150	1	20	02	2	7	Ac, Cs	6.8	27	20	36		66	0
880	WÂU	00	0	20	01	2	6	Cs	5.2	28	20	35		62	0
941	JUBA	00	0	24	01	2	1	Ac	5.7		18	36			0

At 0600 on WEDNESDAY 5th DECEMBER, 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.	Bar. Pressure Diff. from normal mb.	Temperatures °C. Dry Bulb	Dew Point	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.
MEDITERRANEAN	62300	SALLOÛM	340	6	16	02	2	8	Sc, Ac	19.0	+1.6	13	9	13	+1	77	0	27	
	303	SÎDI BARRÂNI	30	8	15	02	2	7	Cu, Sc	18.5		17	12	17		72	dr	38	
	306	MATRÛḤ (A)	280	2	14	03	2	8	Sc, Ac	18.6	+0.5	14	11	13		82	0	44	
	309	EL ḌAB'AA	20	5	10	00	1	6	Ac	18.9		17	13	15		77	3	21	
	319	ALEXANDRIA	360	12	20	03	6	7	Cu, Sc	18.6	+0.1	18	10	17	+3	60	1	14	48
	318	ALEXANDRIA (A)	360	10	12	02	2	7	Sc, As, As	18.8	+0.6	17	11	16	+3	68	2	15	39
	330	DAMIETTA	320	5		02	1	7	Sc	18.8	+0.4	18	10	16	+4	60	dr	dr	25
	333	PORT SAÏD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	40	2		03	1	7	Ac, As	18.0	-0.6	16	12	13	+2	77	0.2	2	19
	342	MANṢÛRA	00	0		03	1	6	Sc, Cu	18.0	-0.2	16	12	14	+3	77	dr	dr	10
	348	ṬANṬA	20	3	20	03	2	6	Sc, Cu	18.8	0.0	16	12	12	+2	77	dr	1	8
	360	SHEBÎN EL KÔM	320	2	10	01	1	3	Cu	17.9	-0.7	17	11	16		68	0	0	
	354	ZAGAZIG	220	1		03	1	7	Cu	17.9	-0.8	17	15	12	+2	88	0	1	7
	441	ISMA'ÎLÎA	360	2	20	03	2	8	As	17.8		18	15	16		83	0	0	
CAIRO AREA	366	CAIRO (A)	40	6	14	01	2	6	Sc, Ac	17.5		17	15	16		88	0	dr	
	372	CAIRO ALMÂZA (A)	30	11	12	00	1	5	Ac	17.4	-1.0	17	15	16	+4	88	0	dr	
	374	CAIRO EZBEKÎYA										18	15	17	+6	83	0	dr	4
	375	GIZA	70	6	10	01	—	6	Sc	18.0	-0.5	17	15	17	+8	88	0	dr	6
	378	ḤELWÂN	360	11	10	02	2	7	Cu, Ac	17.9	-1.1	18	13	17	+5	73	0	dr	4
UPPER EGYPT	381	FAYOÛM	360	4	20	03	2	7	St	17.8	-1.8	18	15	17	+7	83	0	dr	0
	387	MINYA (A)	10	10	8	02	1	3	Sc, Ac	16.3	-2.4	18	14	16	+7	78	0	0	
	393	ASYOÛṬ (A)	270	5	8	02	0	0	—	15.5	-3.6	16	12	14	+5	77	0	0	
	399	NAG' ḤAMÂDI	00	0		01	0	4	Ac, Cs	14.7	-3.0	19	16	13	+4	83	0	0	
	402	QENA	00	0	10	10	0	0	—	14.4	-3.7	18	13	13	+3	73	0	0	
	405	LUXOR (A)	00	0	22	02	0	0	—	15.9	-1.8	20	-1	13		24	0	0	
	414	ASWÂN	350	2	12	02	0	0	—	13.1	-4.6	20	11	15	+2	56	0	0	
OASES	417	SÎWA	50	11	12	60	2	7	Sc	17.1	-2.6	15	12	15	+1	82	1	2	1
	420	BAḤARÎYA	40	6	20	03	5	6	St	17.6	-2.0	18	16	16	+8	88	dr	dr	2
	423	FARAFRA	20	2	15	02	2	5	Ac	17.7		16	12	15		77	0	0	
	432	DAKHLA	150	2	14	03	0	3	Ci	15.5	-3.7	19	14	14	+5	73	0	0	
	435	KHARGA	20	2	10	02	1	1	Ci	13.1	-5.5	20	14	18	+8	69	0	0	
RED SEA	450	SUEZ	310	7	20	00	0	4	Cu	18.3	+0.5	19	14	15	+3	73	0	dr	6
	459	ṬÛR																	4
	462	HURGHÂDA	520	16	20	02	0	0	—	14.0	-2.4	23	13	14	+1	53	0	0	
	465	QUSEIR	310	5	20	03	0	3	Sc, Ac	13.9	-3.0	23	18	20	+3	74	0	0	3
	641	PORT SÛDÂN	330	5	20	03	1	4	Sc	12.9		27	14	17		65	0		
NORTH SUDAN	600	WÂDI ḤALFA	10	1	20	03	0	1	Ci	11.8		18	4	15		40	0		
	640	ABU ḤAMAD	20	2	24	03	0	1	Ci	11.1		23	10	17		44	0		
	660	KAREIMA	40	1	21	03	0	2	Ci	10.8		21	4	17		33	0		
	680	ʿATBARA	20	5	20	03	0	1	Ci	9.7		25	11	19		42	0		
	721	KHARTOÛM	40	6	20	03	0	1	Ci	9.9		23	6	19		34	0		
	730	KASSALA	100	1	20	02	0	0	—	8.5		27	14	17		45	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	5	24	02	0	0	—	9.1		24	9	16		38	0		
	801	RENK	130	2	20	02	0	0	—	11.3		26	8	17		32	0		
	802	ROSEIRES																	
	771	EL OBEID	30	8	20	03	0	1	Cs	9.4		24	-1	17		19	0		
	760	EL FASHER	00	0	24	02	2	7	Cs	12.1		18	5	14		43	0		
	770	GENEINA	80	7	22	01	1	4	Cs	11.7		19	5	13		40	0		
S. SÛDÂN	840	MALAKÂL	10	4	20	01	2	1	Cs	9.1		25	18	12		65	0		
	880	WÂU																	
	941	JUBA	220	7	24	02	2	7	Cs	9.8		26	19	20		66	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		Siwa		Bahariya		Farafra		Hurghada			
DATE	5-12		5-12		5-12		5-12		5-12		5-12		5-12		5-12		5-12		5-12			
TIME	15		14		13 30		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.	130	7	10	10	60	15	360	25	360	13	350	9	40	13	70	14	60	10	340	16		
600 m.	100	8	10	9	50	17	10	30	10	14	20	10	60	9	70	13	70	15	320	10		
1000 m.	80	8	10	10	60	10	20	28	10	12	50	8	60	11	70	13	110	25	280	14		
1500 m.	20	8	340	10	320	11	30	22	60	10	90	13	40	11	70	12	140	16	270	5		
2100 m.	350	20	320	14	250	22			320	3	50	13	160	13			250	27	280	19		
2400 m.	350	21	300	20	250	24					40	19					250	16	270	15		
3000 m.	280	18			250	27					330	3					190	14	280	8		
4000 m.	230	36			240	45																
5000 m.	230	50			260	58																
6000 m.	230	56			260	77																

STATION							Alex. (A)		Minya		Asyout		Siwa									
DATE							6-12		6-12		6-12		6-12									
TIME							4		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.							80	10	360	15	350	9	50	13								
600 m.							50	12	20	16	40	9	50	13								
1000 m.							40	10	20	15	140	6	40	13								
1500 m.							150	3	70	24			90	14								
2100 m.							190	5	60	14			220	21								
2400 m.									80	12			220	21								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Bahariya		Farafra		Hurghada							
DATE	6-12		6-12		6-12		6-12		6-12		6-12		6-12		6-12							
TIME	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.	100	15	310	13	70	3	140	3	330	2	30	17	50	8	340	10						
600 m.	90	11	290	18	170	6	140	13	270	1	30	19	80	8	330	14						
1000 m.	80	12	280	17	170	4	180	12	180	1	30	19	150	8								
1500 m.					270	4	170	4	170	8	10	20	250	11	170	10						
2100 m.					240	3	210	14	170	10	30	12	230	22	180	6						
2400 m.					240	3	210	14	130	17	170	5	220	17	170	8						
3000 m.					260	3	210	17	110	17	260	10	200	35	180	17						
4000 m.											250	25										
5000 m.											220	30										
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	5-12					5-12														
TIME	13,30					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	20				25	16													
1000 mb.	147	19		70	10	166	16		130	7										
950 mb.																				
900 mb.																				
850 mb.	1517	10		320	11	1524	2		20	8										
800 mb.																				
700 mb.	3117	2		250	27	3084	-2		260	18										
600 mb.																				
500 mb.	5743	-16		260	66	5702	-13		230	53										
400 mb.	7385	-27				7348	-28		240	66										
300 mb.	9405	-40				9364	-40													
200 mb.	12050	-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 6th DECEMBER, 1956

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: _____ التنبيهات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 37 U.T. / " " Sunset 14 55 U.T.

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

At 1200 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	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	00	0	16	02	2	8	St, As	17.5	18	10	60	
SIDI BARRANI	30	8	15	02	2	8	As	17.1	18	12	68	
MATRUH (A)	20	3	16	03	2	8	Sc, As	17.7	18	13	73	
EL DABAA	20	4	10	02	0	7	Cu	16.9	19	12	64	
ALEXANDRIA	360	12	20	03	1	8	Cb	17.1	19	9	52	
ALEXANDRIA (A)	40	11	12	02	2	7	Sc, As	16.7	19	11	60	
DAMIETTA	340	5	20	02	1	7	Sc	16.8	20	11	56	
PORT SA'ID (A)												
EL 'ARISH												
DAMANHUR	40	2	10	02	1	5	Cu	17.0	21	10	50	
MANSURA	360	5		03	1	6	Cu	16.7	22	11	50	
TANTA	360	11	20	01	1	4	Cu	16.6	20	11	56	
SHEBIN EL KOM	20	5	20	01	1	2	Cu	16.6	20	6	41	
ZAGAZIG	00	0	20	03	0	7	Cu	16.9	21	14	65	
ISMA'ILIA	360	5	20	02	2	7	Cu	16.4	22	9	44	
CAIRO (A)	70	10	16	02	2	7	Ac	15.6	21	10	50	
CAIRO ALMAZA (A)	30	16	15	02	2	7	Cu, Ac, Ci	15.5	21	10	50	
CAIRO EZBEKIYA												
GIZA	70	7	10	03	2	7	Sc, Ac, As	15.3	20	12	60	
HELWAN	20	13	20	02	2	6	Cu, Ac	15.5	21	10	50	
FAYOUM	360	4	20	02	2	7	St	15.0	22	12	53	
MINYA (A)	360	7	8	03	1	6	Ac, As	14.3	26	14	48	
ASYOUT (A)	360	8	14	01	0	3	Cu, St	12.9	28	9	31	
NAG' HAMADI	00	0	10	01	0	4	Ac, Ci	12.2	27	19	62	
QENA	00	0	20	00	0	0		12.3	27	16	52	
LUXOR (A)	00	0	22	02	0	0	—	11.0	31	13	33	
ASWAN	350	10	16	01	0	3	Ci	9.7	32	9	24	
SIWA	220	6	12	02	6	8	As, Ac	17.1	18	12	68	
BAHARIYA	70	4	20	02	2	7	St	15.2	23	13	53	
FARAFRA	90	11	20	02	2	6	Ac	14.9	24	10	41	
DAKHLA	70	7	14	03	1	5	Cu	13.4	28	15	45	
KHARGA	30	5	15	01	1	3	Ci	10.6	30	11	31	
SUEZ	310	10	50	01	0	3	Cu	15.8	23	12	50	
TOR												
HURGHADA												
QUSEIR	360	10	20	03	0	5	Ac, As, Cc	13.0	26	16	55	
PORT SUDAN	60	10	20	02	1	3	Sc	10.6	29	25	79	
WADI HALFA	70	7	20	02	0	2	Cu	8.3	34	2	13	
ABU HAMAD	70	9	24	01	1	1	Ci	6.3	34	0	12	
KAREIMA	30	2	21	02	0	1	Cu	5.8	34	8	20	
ATBARA	340	7	20	02	0	1	Cu	4.7	35	9	20	
KHARTOUM	350	6	20	01	0	1	As	4.8	34	8	20	
KASSALA	350	1	20	02	0	0	—	3.1	36	7	17	
WAD MEDANI	270	2	20	02	0	0	—	3.8	36	6	15	
RENK	310	5	20	02	0	0	—	5.9	35	7	18	
ROSEIRES	310	5	20	02	0	0		2.0	37	4	13	
EL OBEID	50	3	20	03	0	2	Cu	3.9	34	4	9	
EL FASHER	130	5	26	02	2	7	Cs	3.8	35	4	14	
GENEINA	200	4	20	02	1	1	Cs	5.0	35	3	9	
MALAKAL	20	7	30	02	0	1	Cb, Cs	4.1	36	5	14	
WAU	00	0	20	03	2	6	Cu	3.0	35	15	30	
JUBA	90	3	24	01	1	5	Cb, Cu	2.1	33	10	24	

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.
SALLOUM	320	2	10	02	8	8	Cb, As	18.8	15	11	18	-4	77	0.2
SIDI BARRANI	160	10	10	02	8	8	Cu, Sc, As	17.6	16	14	18		88	4
MATRUH (A)	250	10	12	02	6	7	Sc, Ac	18.4	15	13	19		88	0.2
EL DABAA	00	0		01	6	8	Cu	17.1	15	13	20		88	2
ALEXANDRIA	260	8	20	01	1	3	Cu	18.2	18	18	21	-1	60	0
ALEXANDRIA (A)	40	5	10	03	6	7	Sc, Ac, As	18.4	15	11	20	-2	72	0.5
DAMIETTA	340	2		02	1	7	Sc	17.6	18	13	20	-1	73	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	40	2		02	1	3	Cu	18.0	17	11	22	-1	68	0
MANSURA	00	0		03	1	6	Sc, Cu	17.4	18	10	24	+1	60	0
TANTA	00	0	20	03	2	8	As	18.0	16	10	22	-1	68	0
SHEBIN EL KOM	20	2	10	01	1	3	St	17.9	17	11	21		68	0
ZAGAZIG	40	1	10	01	1	0	—	17.9	19	9	22	-1	52	0
ISMA'ILIA														
CAIRO (A)	90	9	10	02	0	0	—	17.2	17	9	22		60	0
CAIRO ALMAZA (A)											22	0		
CAIRO EZBEKIYA											23	0		
GIZA	70	4	10	02	0	0	—	18.8	17	10	22	0	64	0
HELWAN	20	9	10	01	2	3	Ac	17.2	17	9	22	0	60	0
FAYOUM	360	4	20	02	6	5	St	16.3	18	10	23	-1	60	dr
MINYA (A)	20	14	7	01	2	2	Ac	16.9	18	14	26	+2	78	0
ASYOUT (A)	270	5	10	02	0	0	—	14.3	20	14	28	+4	69	0
NAG' HAMADI	00	0		00	0	0	—	14.0	20	17	28	+3	83	0
QENA	00	0		00	0	0	—	13.0	20	17	29	+3	83	0
LUXOR (A)														
ASWAN	00	0	10	02	0	0	—	11.4	25	9	34	+7	36	0
SIWA	40	10	10	64	6	8	As, As	18.3	12	11	18	-5	94	1
BAHARIYA	40	2	10	02	5	3	Ac	16.5	17	12	23	0	72	
FARAFRA	90	5	12	02	6	7	Ac	16.5	19	10	25		56	
DAKHLA	00	0	5	02	0	0	—	14.3	23	12	29	+5	50	0
KHARGA	350	1	6	02	0	0	—	11.2	24	9	30	+4	38	0
SUEZ	310	13	10	01	0	0	—	19.6	18	15	23	0	83	0
TOR														
HURGHADA	320	14	10	02	0	1	Ci	13.5	24	15	27	+4	57	0
QUSEIR	300	8	20	01	1	0	—	13.9	22	17	27	+2	74	0
PORT SUDAN	130	5	20	02	1	3	Sc		27	24	30		84	0
WADI HALFA											34			0
ABU HAMAD	50	5	24	02	0	0	—	8.5	27	2	35		20	0
KAREIMA	360	6	20	02	0	0		8.5	29	4	36		20	0
ATBARA	50	4	20	02	0	3		7.5	27	7	25		28	0
KHARTOUM	350	7	20	01	0	0	—	6.9	28	6	35		25	0
KASSALA	90	4	20	02	0	0	—	6.0	29	11	37		33	0
WAD MEDANI											36			
RENK											36			
ROSEIRES											38			
EL OBEID	40	5	20	01	1	0	—	6.6	25	1	35		21	0
EL FASHER	50	4	20	01	2	4	Cu	7.9	27	5	35		25	0
GENEINA	00	0	50	02	0	0	—	8.3	24	6	35		32	0
MALAKAL	130	4	20	02	0	2	Ac, Cs	6.9	27	14	37		45	0
WAU	270	2	20	02	2	8	Cb, Ac, As	6.5	27	17	35		35	0
JUBA	110	2	24	12	2	2	Cb	7.0	27	18	35		58	0

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
	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

At 0600 on THURSDAY 6th DECEMBER 1956

Station	Wind Direction Deg.	Wind Velocity in 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 Since Oct. 1st	Normal Since Oct. 1st
SALLOUM	360	10	16	02	2	8	Cu, Sc	18.1	+0.7	12	11	12	0	94	4	31	
SIDI BARRANI	30	14	8	01	8	8	Cu, Sc, As	17.1		14	13	12		94	3	41	
MATRUH (A)	290	9	16	02	2	6	Sc, Ac	17.7	-0.5	13	11	12		88	1	45	
EL DABAA	00	0	10	02	1	8	Cu	17.2		14	14	14		97	2	27	
ALEXANDRIA	00	4	10	03	4	8	Cu, Ac, As	17.4	-1.1	17	11	16	+3	68	0	14	50
ALEXANDRIA (A)	120	2	10	02	8	8	Cu, Ac, As	16.9	-0.9	16	14	14	+3	88	1	16	40
DAMIETTA	40	2		03	5	8	Sc	17.5	-0.2	17	13	15	+3	77	dr	dr	35
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	130	2	4	01	2	8	Ac, As	17.2	-1.4	15	13	15	+4	88	0	2	20
MANSURA	00	0	1	50	5	8	As	17.0	-1.2	15	13	15	+4	88	dr	dr	11
TANTA	00	0	20	03	6	8	St	17.0	-1.8	15	11	12	+2	77	0.2	1	0
SHEBIN EL KOM	320	2	10	01	1	5	St	17.5	-1.2	16	10	15		88	0	0	
ZAGAZIG	00	0	10	03	1	8	Cu	16.2	-2.5	14	10	13	+2	68	0	1	7
ISMA'ILIA	40	2	10	60	6	8	As	17.2		16	12	15		77	dr	0	
CAIRO (A)	90	8	10	20	5	8	Sc	16.7		15	14	14		94	dr	dr	
CAIRO ALMAZA (A)	30	7	12	20	5	8	Sc	16.5	-1.9	15	13	15	+3	88	dr	dr	
CAIRO EZBEKIYA	-									16	13	15	+4	82	0	0	5
GIZA	80	3	5	60	—	7	As, As	16.3	-2.1	16	13	14	+5	82	0.1	0.1	6
HELWAN	40	16	20	02	5	8	Ac, As	16.4	-2.6	17	11	16	+5	68	dr	dr	4
FAYOUM	360	8	20	02	6	8	As	16.2	-2.7	16	11	15	+5	72	dr	dr	0
MINYA (A)	340	7	9	01	2	6	Ac, As	16.6	-3.2	14	11	15	+6	82	0	0	
ASYOUT (A)	270	3	12	02	0	3	Ac	15.4	-3.7	15	10	13	+4	72	0	0	
NAG' HAMADI	00	0		01	0	3	Ac, Ci	15.1	-3.7	20	13	13	+6	64	0	0	
QENA	00	0	14	00	0	0	—	14.7	-3.4	18	10	13	+3	60	0	0	
LUXOR (A)	00	0	22	02	0	0	—	14.2	-3.6	18	10	13		60	0	0	
ASWAN	350	2	12	02	0	0	—	14.0	-3.8	19	13	15	+2	68	0	0	
SIWA	30	5	11	60	6	8	As, As	17.9	-1.8	13	11	13	+7	88	4	6	1
BAHARIYA	40	2	20	02	5	8	Cb	16.0	-2.7	15	11	15	+7	77	dr	dr	2
FARAFRA	10	2	15	03	2	6	Ac, As	17.1		15	7	14		88		0	
DAKHLA	300	2	14	03	0	3	Ac	15.9	-3.6	15	9	11	+3	68	0	0	
KHARGA	360	4	8	03	1	2	Ci	13.1	-5.6	19	10	17	+3	56	0	0	
SUEZ	310	10	10	00	6	7	As	17.4	-0.4	18	12	12	+1	73	2	2	6
TOR																	4
HURGHADA	290	3	22	02	0	2	Ci	13.9	-2.5	20	12	15	+2	60	0	0	
QUSEIR	250	3	20	03	0	3	Cs	15.1	-1.8	23	12	18	+1	50	0	0	3
PORT SUDAN	10	4	20	05	1	7	Sc	13.8		27	23			79	0		
WADI HALFA	00	0	20	03	0	5	Ci	13.2		18	0			30	0		
ABU HAMAD	70		14	02	0	1	Ci	12.2		22	14			57	0		
KAREIMA																	
ATBARA	80	6	20	02	0	1	Ci	10.7		25	12			43	0		
KHARTOUM	20	7	20	03	0	1	Ci	10.2		24	7			34	0		
KASSALA																	
WAD MEDANI	90	5	10	02	0	0	—	10.0		23	12			53	0		
RENK	50	5	20	02	0	0		11.1		24	5	16		27	0		
ROSEIRES	310	2	20	02	0	0	—	10.2		21	10			50	0		
EL OBEID	20	6	20	02	0	2	Ci	9.8		24	3	14		17	0		
EL FASHER	250	1	40	02	2	6	Cu	12.1		17	3			39	0		
GENEINA	00	0	16	04	0	7	Ci	13.7		17	3	13		29	0		
MALAKAL	310	6	20	02	1	2	Ac, Cs	11.4		24	18			69	0		
WAU	250	6	20	02	0	1	Ac	10.2		24	19			74	0		
JUBA	180	8	24	03	2	7	Sc, Cs	10.7		25	18			65	0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Matruh		Cairo (A)		Minya		Asyout		Aswan		Farafra		Hurghada							
DATE	6-12		6-12		6-12		6-12		6-12		6-12		6-12		6-12							
TIME	14		15		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.	290	5	320	12	320	10	350	19	320	10	210	3	10	17	120	3						
600 m.	310	10	320	13	300	13	350	22	300	10	210	6	20	15	160	7						
1000 m.	320	15	320	16	290	11	320	20	260	10	160	5	10	8	150	20						
1500 m.	300	16	300	14	270	16	280	15	210	9	170	8	320	10	170	9						
2100 m.	230	13	270	10	250	21	210	11	230	11	160	7	230	12	210	7						
2400 m.	270	22	270	17	220	21	250	16	220	11	100	4	230	16	220	10						
3000 m.			260	24	210	36	200	26	190	17	150	10	250	22	220	15						
4000 m.			230	38	210	51	190	33					210	38								
5000 m.			230	57	220	74																
6000 m.			210	78	220	64																

STATION							Alex. (A)		Minya		Asyout		Siwa									
DATE							7-12		7-12		7-12		7-12									
TIME							4		3		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.							280	18	350	12	320	16	350	15								
600 m.							300	17	350	16	350	17	360	15								
1000 m.							300	17	360	15	350	23	350	14								
1500 m.									350	29	330	18	330	6								
2100 m.									330	15	200	6	320	18								
2400 m.													310	13								
3000 m.													310	12								
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Hurghada			
DATE	7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12			
TIME	8		8		8		8		8		8		8		7		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	23	280	22	360	11	330	16	340	8	350	7	330	11	320	8	350	10	320	22		
600 m.	290	23	290	22			330	14	350	10	350	4	320	11	330	8	340	7	320	24		
1000 m.	320	12	290	17					350	15	340	3	300	11	330	16	350	10	300	12		
1500 m.	330	10	300	11					300	3	240	10	320	12	340	15	360	11	240	16		
2100 m.	300	17	330	10					250	12	260	10	300	14	340	16	300	17	250	26		
2400 m.	310	12	320	18					250	13	270	17	300	16	340	18	280	17	310	17		
3000 m.			300	9					250	20	260	14	290	13	330	17	260	33	260	34		
4000 m.			230	23											330	21	240	20				
5000 m.															300	20	250	43				
6000 m.															270	35						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	6-12					6-12														
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	16				25	15													
1000 mb.	146	15		110	6	146	14		320	11										
950 mb.																				
900 mb.																				
850 mb.	1510	9		270	16	1495	5		300	14										
800 mb.																				
700 mb.	3094	0		210	36	3051	-5		260	24										
600 mb.																				
500 mb.	5729	-13		220	53	5609	-20		220	68										
400 mb.	7395	-24				7236	-30		270	15										
300 mb.	9429	-38				9243	-42													
200 mb.						11890	-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 7th DECEMBER, 1956

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: _____ التنبيهات المتعلقة بحالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04.38 U.T. / " " Sunset 14.55 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	SALLOÛM	00	0	18	02	2	5	Cu, Sc	16.8	20	13	64
	303	SÎDI BARRÂNI	60	2	10	02	2	7	Cu, Sc	16.5	16	10	68
	306	MATRÛḤ (A)	300	11	16	02	2	8	Sc	16.4	16	13	82
	309	EL ḎAB'AA	290	5	10	01	2	8	Cu	16.1	15	14	88
	319	ALEXANDRIA	130	10	20	02	5	8	Cu, Sc, As	16.2	15	11	77
	318	ALEXANDRIA (A)	170	8	10	62	6	8	As	15.7	16	12	77
	330	DAMIETTA	320	2	3	51	6	8	Cu, Sc	16.7	17	16	94
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	00	0	4	61	6	8	Ac, As	16.3	15	13	88
	342	MANŞÛRA	00	0	3	50	5	8	Ns	15.9	16	14	88
	348	ṬANṬA	00	0	20	03	6	8	St	16.1	15	13	88
	360	SHEBÎN EL KÔM	100	5	10	50	6	6	St	15.8	17	11	68
	354	ZAGAZIG	00	0	50	03	1	8	Cu	15.6	18	8	52
	441	ISMA'ÎLÎA	40	2	10	60	6	8	As	15.8	17	11	68
CAIRO AREA	366	CAIRO (A)	60	5	5	05	5	8	St	15.6	15	15	97
	372	CAIRO ALMÂZA (A)	40	7	15	02	2	8	As, Cs	15.5	16	14	88
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	8	5	61	6	7	Ns, As	15.3	16	14	88
	378	ḤELWÂN	20	13	20	02	5	8	Ac, As	15.2	17	13	77
UPPER EGYPT	381	FAYOÛM	360	8	20	02	2	8	Cb	15.1	19	13	68
	387	MINYA (A)	340	7	10	03	2	7	Ac, Ci	13.4	24	13	50
	393	ASYOÛṬ (A)	310	4	14	03	2	6	Cs	12.6	24	12	47
	399	NAG' ḤAMÂDI	00	0	10	02	0	5	Ac, Cs	11.6	26	18	62
	402	QENA	00	0	20	03	1	3	Ci	11.8	28	17	52
	405	LUXOR (A)	290	3	22	02	0	0	—	11.1	32	11	28
	414	ASWÂN	00	0	16	02	0	2	Ci	10.4	32	11	28
OASES	417	SÎWA	360	6	10	61	6	8	Ns, As	18.2	13	12	94
	420	BAḤARÎYA	360	4	20	20	5	8	As	16.1	17	14	83
	423	FARAFRA	20	8	20	03	2	8	Ac, As	15.4	21	7	41
	432	DAKHLA	290	4	14	03	2	5	Ci	13.2	28	13	40
	435	KHARGA	00	0	12	03	0	4	Ci	9.3	21	14	65
RED SEA	450	SUEZ	310	8	50	01	0	5	Cu	14.7	22	13	57
	459	TÔR											
	462	HURGHÂDA	60	1	22	02	0	4	Ci	11.5	25	19	70
	465	QUSEIR	30	7	20	03	0	5	Ac	13.0	25	20	74
	641	PORT SÛDÂN	120	11	20	03	8	6	Sc	11.6	30	24	70
NORTH SUDAN	600	WÂDI ḤALFA	140	7	20	01	1	2	Ci	9.1	33	9	23
	640	ABU ḤAMAD	00	0	24	01	1	2	Ci	7.6	33	10	24
	660	KAREIMA	240	4	21	03	0	3	Ci	7.5	35	7	18
	680	ʿAṬBARA	320	4	20	02	0	2	Ci	6.5	34	9	22
	721	KHARṬOÛM	350	5	20	02	0	1	Ci	5.9	35	7	18
	730	KASSALA	10	1	20	02	0	0		5.3	35	9	20
CENTRAL SUDAN	751	WÂD MEDANI	270	5	20	02	0	0	—	5.2	36	9	19
	801	RENK	310	5	20	02	0	0	—	7.3	36	11	22
	802	ROSEIRES	310	5	20	02	0	1	Cu	4.2	36	9	19
	771	EL OBEID	360	7	20	03	0	3	Ci	5.5	35	-3	9
	760	EL FASHER	130	4	40	01	1	0	—	5.6	34	10	14
	770	GENEINA	150	5	30	04	1	1	Ac, Cs	5.8	35	1	12
S. SÛDÂN	840	MALAKÂL	350	6	20	02	0	2	Cu, Ac, Cs	7.0	35	7	18
	880	WÂU	90	3	20	03	0	2	Cu, Ci	5.0	35	17	35
	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.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOÛM	00	0	14	13	0	0	—	17.6	15	7	21	-1	59	0
303	SÎDI BARRÂNI	240	10	15	13	2	5	Cb	16.5	14	10	18		77	1
306	MATRÛḤ (A)	290	8	10	02	2	5	Sc, Cu, Ac	17.2	12	11	16		94	0
309	EL ḎAB'AA	50	8		61	1	8	Cu	16.6	14	12	16		88	0
319	ALEXANDRIA	180	9	20	50	5	8	Cu, Sc	16.7	14	12	17	-5	88	1
318	ALEXANDRIA (A)	230	11	10	62	6	8	Sc, As	16.3	14	13	17	-5	94	5
330	DAMIETTA	320	2	1	61	6	8	Cu, Sc	17.1	16	16	17	-4	97	21
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	00	0	4	61	6	8	Ac, As	16.8	15	13	17	-6	88	13
342	MANŞÛRA	00	0	4	61	6	8	Cu, Sc	16.4	15	15	18	-5	97	13
348	ṬANṬA	00	0	20	61	6	8	St	16.6	14	14			97	
360	SHEBÎN EL KÔM	40	2	10	50	6	6	St	16.0	15	11	18		77	5
354	ZAGAZIG														
441	ISMA'ÎLÎA														
366	CAIRO (A)	180	2	8	50	5	8	St	17.1	16	15	17		94	4
372	CAIRO ALMÂZA (A)											17	-5		
374	CAIRO EZBEKÎYA											18	-5		
375	GIZA	360	1	1.5	63	6	7	Ns, As	17.4	15	15	17	-5	94	5
378	ḤELWÂN	00	0	10	51	5	8	Cb	17.2	16	14	18	-4	88	0.6
381	FAYOÛM	360	4	20	21	6	8	Cb	17.1	16	14	20	-4	88	1
387	MINYA (A)	360	11	8	02	2	5	Ac, As	16.1	18	12	25	+2	68	0
393	ASYOÛṬ (A)	340	10	8	03	1	7	Cs	15.8	20	11	25	+1	56	0
399	NAG' ḤAMÂDI	00	0		01	0	2	As	12.3	19	16	28	+3	83	0
402	QENA	00	0		02	1	2		12.3	20	15	31	+5	73	0
405	LUXOR (A)														
414	ASWÂN	00	0	10	01	0	0	—	11.5	24	11	32	+5	44	0
417	SÎWA	300	6	10	01	6	2	Ac	18.8	13	11	14	8	88	5
420	BAḤARÎYA	40	3	4	51	5	8	As	17.4	14	14	18	-5	97	0.5
423	FARAFRA	360	4	12	02	2	8	As	18.8	15	11	22		77	0
432	DAKHLA	340	14	5	02	2	7	Cs	14.8	21	10	29	+5	50	0
435	KHARGA	260	10	5	02	1	2	Ci	10.8	23	10	31	+6	44	0
450	SUEZ	310	12	10	01	0	0	—	18.3	17	11	22	-1	68	0
459	TÔR														
462	HURGHÂDA	00	0	12	02	2	6	Ci	13.2	20	15	26	+3	73	0
465	QUSEIR	00	0	20	01	1	1	Sc, Cu	13.3	22	20	26	+1	89	0
641	PORT SÛDÂN	00	0	20	02	0	1	Sc	13.2	25	23	31		89	0
600	WÂDI ḤALFA	20	3	20	02	0	0	—	10.5	25	3	35		24	0
640	ABU ḤAMAD	00	0	24	01	1	3	Ci	9.9	25	9	33		36	0
660	KAREIMA	00	0	21	01	0	0	—	9.5	27	7	33		28	0
680	ʿAṬBARA	350	2	20	01	2	0	—	8.5	28	13	35		37	0
721	KHARṬOÛM	320	3	16	05	0	0	—	8.4	28	9	36		29	0
730	KASSALA	50	3	20	02	0	0	—	8.7	25	10	37		39	0
751	WÂD MEDANI											36			
801	RENK														
802	ROSEIRES											38			
771	EL OBEID	40	6	20	01	1	1	Ci	8.4	25	1	35		21	0
760	EL FASHER	130	2	20	02	2	7	Ac, Cs	8.5	24	4	35		28	0
770	GENEINA														
840	MALAKÂL	120	5	20	02	0	1	Ac	8.6	26	14	35		48	0
880	WÂU	40	4	20	01	1	0	—	6.1	29	17	35		49	0
941	JUBA	00	0	24	13	9	3	Cb, Ac	7.6	24	19	34		74	dr

At 0600 on FRIDAY 7th DECEMBER, 1956

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	270	22	16	03	0	1	Ac	19.0	+1.6	10	6	9	-3	76	0	31	
303	SÎDI BARRÂNI	30	14	15	02	1	3	Cu	17.9		9	8	8		94	2	43	
306	MATRÛḤ (A)	280	14	16	01	1	2	Cu	18.4	+0.2	11	8	7		82	0	45	
309	EL ḎAB'AA	270	8	10	01	1	2	As	18.3		11	7	9		77	4	31	
319	ALEXANDRIA	270	16	20	01	6	5	Cb	17.1	-1.4	18	8	14	0	52	6	21	52
318	ALEXANDRIA (A)	300	13	12	02	8	6	Sc	16.9	-0.9	15	13	14	+2	88	9	25	42
330	DAMIETTA	200	2		01	6	4	Cu	17.0	-0.7	15	13	11	-1	88	29	47	26
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	230	5	10	01	6	2	Cu	17.2	-1.4	14	12	11		88	17	19	20
342	MANŞÛRA	270	3		00	5	0		17.2	-1.0	13	13	12	+1	97	22	22	11
348	ṬANṬA																	9
360	SHEBÎN EL KÔM	220	2	10	01	1	2	Cu	17.9	-0.8	15	11	13		77	14	14	
354	ZAGAZIG	220	1	10	01	1	7	As	16.9	-1.9	16	8	11	+1	59	2	3	7
441	ISMA'ÎLÎA	250	3	20	03	2	8	As	17.1		15	13	13		88	10	10	
366	CAIRO (A)	280	8	6	01	2	8	St	18.3		13	12	13		94	10	10	
372	CAIRO ALMÂZA (A)	240	7	3	05	2	8	As	18.4	-0.1	13	12	13	+2	94	10	10	
374	CAIRO EZBEKÎYA										14	12	13	+2	88	9	11	5
375	GIZA	360	3	8	01	—	2	Ac	18.6	0.0	13	12	12	+4	94	12	12	6
378	ḤELWÂN	00	0	10	02	2	8	Cb	19.0	0.0	13	11	12	+1	88	6	6	4
381	FAYOÛM	360	8	20	01	1	3	Cu, Sc	19.8	+0.8	15	12	12	+2	82	2	2	0
387	MINYA (A)	360	9	7	03	2	7	Sc	19.3	+0.5	15	10	15	+6	72	do	do	
393	ASYOÛṬ (A)	300	7	10	02	2	8	Sc	19.1	-0.1	16	11	15	+6	72	0	0	
399	NAG' ḤAMÂDI	290	2		03	2	6	Sc, Ac	17.2	-0.7	19	14	14	+5	73	0	0	
402	QENA	00	0	10	03	1	2	Cs	16.2	-2.0	19	12	15	+5	64	0	0	
405	LUXOR (A)	00	0	22	03	0	2		15.5	-2.4	18	12	14		68	0	0	
414	ASWÂN	360	2	12	02	0	0	—	13.0	-4.9	19	12	15	+2	64	0	0	
417	SÎWA	270	2	14	02	0	0	—	20.9	+1.1	8	5	8	+2	82	5	11	1
420	BAḤARÎYA	290	14	20	02	5	5	Cu	20.5	+1.8	13	11	12	+4	88	2		2
423	FARAFRA	00	0	15	02	2	8	As	21.4		12	8	11		77	0		
432	DAKHLA	320	13	13	03	1	7	Ac, As	19.9	+0.5	15	9	14	+6	68	0	0	
435	KHARGA	360	8	6	02	2	7	Sc, Cu	16.7	-2.0	18	11	17	+8	64	0	0	
450	SUEZ	00	0	20	80	6	5	Ns	18.7	+0.9	16	12	12	0	77	3	5	6
459	TÔR																	
462	HURGHÂDA																	
465	QUSEIR	310	11	20	03	0	6	Sc, Ac, Cs	14.8	-2.1	22	15	19	+2	65	0	0	4
641	PORT SÛDÂN	00	0	20	03	1	3	Sc	13.0		27	23			79	0	0	
600	WÂDI ḤALFA	360	13	20	03	0	1	Ci	15.0		18	9			58	0		
640	ABU ḤAMAD	360	2	24	03	0	2	Ci	12.5		22	9			44	0		
660	KAREIMA	00	0	21	03	0	4	Cs	12.5		22	9			44	0		
680	ʿAṬBARA	20	5	20	02	0	2	Ci	11.8		24	14			54	0		
721	KHARṬOÛM	320	3	20	03	0	1	Ci	11.0		23	9			41	0		
730	KASSALA	300	1	20	02	0	0	—	10.3		25	15			54	0		
751	WÂD MEDANI	90	5	50	02	0	0	—	11.2		23	11			47	0		
801	RENK																	
802	ROSEIRES	230		20	02	0	0	—	8.3		23	17			69	0		
771	EL OBEID																	
760	EL FASHER	340	3	30	01	1	2	Ci	13.9		17	11			68	0		
770	GENEINA																	
840	MALAKÂL	310	1	20	02	1	3	Ac	11.3		24	21			84	0		
880	WÂU	180	4	20	02	2	7	Cs	9.2		25	19			70	0		
941	JUBA	180	7	24	02	1	3	Cb, Ci	10.9		24	19	21		74	0.6		

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		Aswan		Siwa		Bahariya		Farafra	
DATE	7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12		7-12	
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.	310	20	280	16	280	16	280	26	290	10	340	19	320	17	340	17	290	17	330	29	340	12
600 m.	300	21	290	15	280	15	290	26	280	12	350	17	340	16	350	15	300	16	320	24	350	8
1000 m.	290	17	300	16	290	15	290	24	290	12	350	18	350	16	10	4	330	10	320	18	10	9
1500 m.	300	17	300	15	290	14	310	13	300	13	340	14	330	15	260	7	320	9	320	15	350	10
2100 m.	300	17	300	17	290	15			300	17			280	23	300	13	310	13	340	16	300	9
2400 m.					290	16			290	18			270	26	260	9	310	10	10	19	300	10
3000 m.					270	21			280	22			250	37	260	21	270	18	300	23	270	27
4000 m.					270	33			270	33									300	12		
5000 m.					260	37			260	45												
6000 m.					250	48			250	57												

STATION	Hurghada						S. Barrani		Cairo (A)		Minya		Asyout		Siwa							
DATE	7-12						8-12		8-12		8-12		8-12		8-12							
TIME	14						2		5		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.	330	23					280	31	220	22	310	20	330	20	280	18						
600 m.	330	31					280	38	300	17	320	10	330	22	290	27						
1000 m.	290	15					280	45	280	26	320	14	350	16	300	21						
1500 m.	290	15					280	42	280	20	330	10	330	17	320	9						
2100 m.	260	36									310	16			300	17						
2400 m.	290	17									310	20			310	18						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Hurghada			
DATE	8-12		8-12		8-12		8-12		8-12		8-12		8-12		8-12		8-12		8-12			
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.	290	23	260	47	210	15	330	9	300	7	340	10	310	17	280	17	300	10	320	13		
600 m.	310	25	260	43	240	23	330	18	320	17	360	11	300	21	290	21	320	13	320	16		
1000 m.	300	28	260	40	290	23	330	20	330	13	350	23	290	26	310	27	320	17	300	16		
1500 m.					260	20	340	15	330	15	260	7	290	20	300	29	330	19	280	14		
2100 m					260	18	340	16	300	16	40	3	290	23	300	24	320	13	260	24		
2400 m.					260	19	360	16	290	10	90	3	290	25	310	19	310	26	250	26		
3000 m.					260	21	360	19	260	20	30	3	290	20	300	30	340	10	250	29		
4000 m.															290	9						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	7-12					7-12														
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	18				25	15													
1000 mb.	163	17		330	11	165	15		260	16										
950 mb.																				
900 mb.																				
850 mb.	1515	5		300	13	1525	6		290	14										
800 mb.																				
700 mb.	3077	-3		280	22	3088	-3		270	21										
600 mb.																				
500 mb.	5676	-18		260	51	5676	-19		250	39										
400 mb.	7310	-28		260	106	7297	-32		260	53										
300 mb.	9304	-44		260	100															
200 mb.	11960	-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 SATURDAY 8th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04.29 U.T. / " " Sunset 14.55 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.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	270	15	18	03	0	1	Ac	182	20	9	49
	303	SÎDI BARRÂNI	270	12	15	01	0	1	Cu,Sc	176	18	10	60
	306	MATRÛḤ (A)	300	16	16	02	1	4	Cu	180	19	7	46
	309	EL DAB'AA	270	11	20	01	1	2	Ci	184	19	5	40
	319	ALEXANDRIA	270	18	20	02	6	5	Cb	182	19	9	52
	318	ALEXANDRIA (A)	290	16	12	02	8	6	ST	172	20	11	56
	330	DAMIETTA	220	5	20	01	1	3	Cu	16.7	20	11	56
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	290	5	10	03	1	4	Cu	17.3	20	13	64
	342	MANṢÛRA	270	3		03	1	4	Cu	170	22	11	50
	348	ṬANṬA	220	7	20	01	1	7	Cu	18.3	19	12	64
	360	SHEBÎN EL KÔM	250	5	20	01	1	2	Cu	175	21	10	50
	354	ZAGAZIG	220	1	20	03	1	7	Cu	16.9	19	9	52
	441	ISMA'ÎLIA	250	3	20	02	1	5	Cu	17.8	20	11	56
Cairo Area	366	CAIRO (A)	320	12	18	03	1	6	Cu	178	18	10	60
	372	CAIRO ALMÂZA (A)	260	10	15	01	0	4	Cu	181	19	9	52
	374	CAIRO EZBEKÎYA											
	375	GIZA	320	7	15	03	0	3	Cu	18.4	18	11	88
	378	ḤELWÂN	290	3	20	02	2	7	Cu	18.4	17	9	60
Upper Egypt	381	FAYOÛM	360	8	20	02	1	3	Cu,Sc	18.7	19	8	49
	387	MINYA (A)	350	10	10	01	2	2	Cu	184	21	6	38
	393	AṢYOÛṬ (A)	300	8	18	02	0	4	Cu	18.0	20	9	49
	399	NAǦ' HAMÂDI	290	8		03	0	4	Ac,Ci	15.9	[illegible]	14	65
	402	QENA	340	5	20	02	1	6	Ci	15.5	25	13	48
	405	LUXOR (A)	320	6	22	02	0	3	Cu	145	24	13	50
	414	ASWÂN	350	12	15	03	0	6	Cu	11.9	27	10	35
Oases	417	SÎWA	310	13	16	03	0	2	Ci	21.1	17	6	56
	420	BAḤARÎYA	320	6	20	01	2	3	Cb	19.6	18	10	60
	428	FARAFRA	300	4	20	02	1	1	Ac	20.8	19	6	43
	432	DAKHLA	010	12	14	01	2	1	Cu	180	19	9	52
	435	KHARGA	210	8	12	01	2	3	Cu,Ci	16.2	21	10	50
Red Sea	450	SUEZ	360	8	50	01	0	3	Cu	17.8	20	8	46
	459	ṬÛR											
	462	HURGHÂDA	340	19	20	01	2	5	Cu,Ac	14.8	18	14	57
	465	QUSEIR	340	12	20	03	0	7	Cu,Ac	14.6	24	15	57
	641	PORT SÛDÂN	060	9	20	01	0	1	Sc,Cu	11.5	29	25	79
North Sudan	600	WÂDI ḤALFA	010	12	20	01	0	1	Ci	12.7	29	4	29
	640	ABU ḤAMAD	360	5	24	01	0	1	Ci	9.1	33	10	24
	660	KAREIMA	360	1	21	02	0	0	—	9.4	33	12	28
	680	ʿAṬBARA	330	25	20	01	1	1	Ci	9.1	35	7	18
	721	KHARṬOÛM	360	5	20	02	0	0	—	6.4	35	8	19
	780	KASSALA	040	3	20	02	0	0	—		37	9	18
Central Sudan	751	WÂD MEDANI	340	9	20	02	0	0	—	5.9	36	3	13
	801	RENK	310	5	20	02	0	0	—	7.6	36	11	22
	802	ROSEIRES	310	5	20	02	0	0	—	3.6	37	11	20
	771	EL OBEID	330	4	20	03	0	2	Ci	5.6	34	1	12
	780	EL FASHER	110	3	30	02	0	8	Cu	6.2	34	6	18
	770	GENEINA	020	2	50	02	1	5	Cu		33	0	12
S. Sudan	840	MALAKÂL	150	3	20	02	1	2	Cu,Ac	6.0	36	11	22
	880	WÂU	070	4	20	01	2	5	Cu,Ci	4.9	36	15	29
	941	JUBA	080	3	24	02	0	3	Cu	4.6	35	15	30

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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	270	12	16	01	0	0	—	186	15	10	20	-2	72	0
SÎDI BARRÂNI	250	7	16	01	1	3	Cb	18.0	14	11	18		82	0
MATRÛḤ (A)	280	8	12	03	1	6	Cu,Cu	18.7	14	11	19		82	0
EL DAB'AA	250	6		00	0	2	As	18.4	13	9	13		77	0
ALEXANDRIA	270	20	20	50	6	4	Cb	18.4	18	13	20	-2	73	0.3
ALEXANDRIA (A)	280	9	12	02	8	6	Cu,Sc	17.6	17	11	20	-2	68	0.4
DAMIETTA	220	2	4	00	6	0	—	17.8	15	13	20	-1	88	Dr
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	310	2		61	6	3	Cb	18.6	14	12	20	-3	88	4
MANṢÛRA	00	0	14	00	6	0	—	18.3	15	11	22	-1	77	2
ṬANṬA	200	2	20	01	6	2	Sc,Cu	18.8	14	10	20	-3	77	Dr
SHEBÎN EL KÔM	320	2	17	01	1	1	Sc	18.4	16	10	22		68	0
ZAGAZIG	00	0	17	01	1	0	—	17.9	15	9	21	-1	68	0
ISMA'ÎLIA														
CAIRO (A)	260	5	12	02	0	2	Cu	19.2	14	11	19		82	0
CAIRO ALMÂZA (A)											22	-1		
CAIRO EZBEKÎYA														
GIZA	00	0	8	01	0	0	—	19.5	13	11	20	-2	88	0
ḤELWÂN	00	0	19	01	1	1	Ci	19.6	15	11	18	-3	77	0
FAYOÛM	360	4	18	01	0	2	Cu,Sc	19.5	13	10	19	-4	82	0
MINYA (A)	360	17	7	02	0	0	—	19.7	12	6	21	-2	67	0
AṢYOÛṬ (A)														
NAǦ' HAMÂDI														
QENA	290	2	16	01	0	1	Ci	17.1	17	11	22	-3	68	0
LUXOR (A)	340	3	20	02	1	3	Cu	16.0	19	13	25	-1	52	0
ASWÂN														
SÎWA	270	18	16	02	0	0	—	21.8	12	9	17	-5	82	0
BAḤARÎYA	00	0	17	02	0	0	—	21.0	12	8	19	-4	77	0
FARAFRA	310	8		02	0	0	—	22.8	12	4	20		59	0
DAKHLA	310	8		02	0	0	—	20.6	15	9	20	-4	68	0
KHARGA	00	0	6	02	0	0	—	17.8	17	4	22	-3	42	0
SUEZ	360	11	17	01	0	0	—	19.5	17	11	21	-2	68	0
ṬÛR														
HURGHÂDA	320	13	10	02	0	0	—	16.2	20	9	24	+1	49	0
QUSEIR	310	9	20	01	1	1	As	15.8	25	12	25	0	57	0
PORT SÛDÂN	100	4	20	01	1	1	Sc	13.4	28	25	31		84	0
WÂDI ḤALFA	360	8	20	03	0	0	—	15.9	23	9	30		41	0
ABU ḤAMAD	340	2	24	01	0	0	—	11.8	26	5	34		27	0
KAREIMA	010	3	21	01	0	1	Ci	11.2	28	5	34		23	0
ʿAṬBARA	360	6	20	02	0	0	—	10.2	29	11	35		37	0
KHARṬOÛM	360	6	20	01	1	2	Ci	9.4	29	12	36		35	0
KASSALA	060	1	20	02	0	0	—	9.8	24	11	37		44	0
WÂD MEDANI											36			0
RENK											36			
ROSEIRES											38			
EL OBEID	360	6	20	01	0	0	—	9.7	25		33		21	0
EL FASHER	070	6	20	03	1	6	Cu	9.1	27	7	35		28	0
GENEINA	010	5	34	01	1	2	Cu	10.6	25	2	35		22	0
MALAKÂL	090	2	20	02	1	4	Ci	8.7	27	15	37		48	0
WÂU	360	1	20	01	2	3	Ci	6.2	29	18	36		52	0
JUBA	00	0	24	01	1	2	Ci	6.7	25	18	37		65	0

At 0600 on SATURDAY 8TH DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	18	02	0	0	—	17.1	-0.9	10	8	10	-1	88	0	31	
SÎDI BARRÂNI	240	15	15	03	0	3	Cb	16.6		11	9	10		88	0	42	
MATRÛḤ (A)	280	20	16	02	0	3	Sc	16.2	-2.0	13	9	8		77	0	45	
EL DAB'AA	250	7	10	00	0	2	As	16.9		12	8	9		77	0	31	
ALEXANDRIA	220	20		03	6	5	Cu	15.9	-2.7	17	11	12	-2	55	8	29	54
ALEXANDRIA (A)	240	13	12	25	8	6	Cu	15.7	-2.1	13	12	12	0	94	8	33	42
DAMIETTA	200	2		03	1	3	Cu	15.9	-1.8	12	10	10	-2	88	dr.	47	26
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	10	03	0	2	Cb	16.4	-2.2	13	11	10	-1	88	7	26	21
MANṢÛRA	220	5		03	1			16.6	-1.7	12	8	10	-1	77	2	36	11
ṬANṬA	220	9	20	01	0	1	Ac	17.6	-1.3	12	8	7	-2	77	dr	20	9
SHEBÎN EL KÔM	200	3	10	01	1	1	Cu	17.4	-1.4	12	8	11		77	0	14	
ZAGAZIG	220	1	10	02	0	0	—	16.4	-2.4	11	4	8	-1	68	0	13	7
ISMA'ÎLIA	250	3	20	02	0	0	—	17.1		13	9	10		77	0	10	
CAIRO (A)	230	11	14	02	0	0	—	17.2		12	8	10		77	0	10	
CAIRO ALMÂZA (A)	180	12	15	02	0	0	—	17.3	-0.6	12	7	10	-1	72	0	10	
CAIRO EZBEKÎYA										11	8	10	-1	82	0	11	5
GIZA	190	6	8	02	0	0	—	18.4	-0.2	10	7	9	0	81	0	12	7
ḤELWÂN	160	1	10	02	0	0	—	19.0	-0.1	11	4	9	-3	63	0	6	5
FAYOÛM	340	4	20	02	0	0	—	19.4	+0.4	10	6	8	-1	76	0	2	0
MINYA (A)	350	15	17	02	0	0	—	20.2	+1.3	10	4	6	-2	67	0	40	
AṢYOÛṬ (A)	270	15	12	02	0	0	—	20.3	+1.0	16	9	7	-2	64	0	0	
NAǦ' HAMÂDI	00	0		01	0	3	Ac,Ci	19.1	+1.1	14	10	8	0	77	0	0	
QENA	270	6	10	00	0	0	—	18.8	+0.5	14	8	8	-2	67	0	0	
LUXOR (A)	310	9	22			0	—	18.5	+0.5	15	8	10		63	0	0	
ASWÂN	360	12	12	02	0	0	—	14.9	-3.0	17	8	14	+1	56	0	0	
SÎWA	310	11	16	02	0	0	—	20.7	+0.9	10	8	10	+4	88	0	11	0
BAḤARÎYA	220	4	20	02	0	0	—	20.9	+1.0	10	8			88	0	8	0
FARAFRA	180	1	16	02	0	0	—	22.9		8	3			71	0	0	
DAKHLA	270	4	14	03	0	0	—	22.6	+2.0	8	3	6	-2	71	0	0	
KHARGA	00	0	10	03	1	2	Ci	19.1	+0.3	13	4	9	0	55	0	0	
SUEZ	00	0	20	00	0	0	—	18.3	+0.4	13	9	7	-5	77	0	1	6
ṬÛR																	4
HURGHÂDA	300	13	20	02	0	1	Sc	15.7	-0.8	16	7	12	-1	56	0	0	4
QUSEIR	310	10	20	03	0	1	Sc,Cu,As	16.1	-0.9	19	9	17	0	52	0	0	4
PORT SÛDÂN	320	3	20	02	0	0	Sc	17.2		28	22	22		70	2		
WÂDI ḤALFA	010	13	20	03	2	7	Cu	18.1		15	5	13		52	0		
ABU ḤAMAD	360	9	20	03	0	1	Ci	12.7		22	8	19		41	0		
KAREIMA	010	4	20	03	0	1	Ci	13.9		20	9	18		49	0		
ʿAṬBARA	360	9	20	03	0	1	Ci	11.3		23	9	19		41	0		
KHARṬOÛM	350	10	20	02	0	0	—	11.1		24	7	21		34	0		
KASSALA	070	1	20	02	0	0	—	8.6		28	14	18		37	0		
WÂD MEDANI	360	5	20	02	0	0	—	9.6		30	9	15		27	0		
RENK	310	2	20	02	0	0	—	12.3		23	12	17		53	0		
ROSEIRES	220	7	20	02	0	0	—	10.1		21	11	17		50			
EL OBEID	360	8	20	03	0	1	Ci	11.9		21	3	18		35	0		
EL FASHER	320	1	24	03	1	5	Ci	14.8		17	3	13		34	0		
GENEINA	340	11	24	03	1	4	Cu	14.3		19	2	15		25	0		
MALAKÂL	060	4	20	02	2	7	Ac,As,Cu	10.4		27	20	20		37	0		
WÂU																	
JUBA	050	1	21	03	0	6	Cu	8.8		25	17	18		37	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Harghada							
DATE	8-12		8-12		8-12		8-12		8-12		8-12		8-12		8-12							
TIME	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	23	300	11	320	17	340	17	280	14	290	36	330	15	320	18						
600 m.			310	8	320	19	340	22	300	15	280	40	320	17	320	25						
1000 m.			320	8	320	17	330	17	310	24	280	57	310	18	300	30						
1500 m.			300	14	330	20	290	20	320	22	280	71	320	21	260	15						
2100 m.			310	5	320	24	280	32	320	26			290	19	270	27						
2400 m.									310	27			280	25	270	34						
3000 m.									310	23					230	28						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Minya		Asyout		Siwa															
DATE	9-12		9-12		9-12		9-12															
TIME	5		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.	240	11	300	7	310	13	330	17														
600 m.	260	11	320	8	330	23	340	20														
1000 m.	280	12	320	13	330	23	330	17														
1500 m.	300	17	310	16	310	11	330	15														
2100 m.			270	14	300	16	340	25														
2400 m.					300	21	350	18														
3000 m.							330	13														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Harghada					
DATE	9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12					
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.	230	18	330	4	300	3	340	7	350	8	320	20	310	12	270	9	320	11				
600 m.	230	18	340	3	310	6	360	15	350	18	320	14	320	10	340	14	310	21				
1000 m.			330	4			350	13	10	17	340	12	330	10	350	12	310	18				
1500 m.			290	12			320	13	320	4	360	17	340	10	330	13	310	16				
2100 m.							280	7	230	15			330	23	340	15	300	23				
2400 m.							240	18					330	21	330	7	290	40				
3000 m.							240	24					340	18	270	2	260	36				
4000 m.													330	18								
5000 m.													280	34								
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 9th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 39 U.T. / " " Sunset 14 55 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 %
Mediterranean	62300	Salloûm	250	18	18	02	3	5	Sc,ac	18.4	18	8	52
	303	Sîdi Barrâni	310	27	12	07	8	7	Cb	18.0	19	11	60
	306	Matrûh (A)	300	20	14	01	8	5	Cb	16.9	16	12	77
	309	El Dab'aa	290	14	20	00	0	4	Ac	14.4	19	9	52
	319	Alexandria	220	22	20	03	6	6	Cb	12.5	18	10	60
	318	Alexandria (A)	260	26	12	03	2	7	Cb	13.3	19	13	68
	330	Damietta	250	9	20	03	6	4	Cu	12.0	19	9	52
	333	Port Sa'îd (A)											
	336	El 'Arish											
Lower Egypt	339	Damanhûr	230	24	10	03	0	3	Cu	14.0	19	12	64
	342	Manşûra	320	9	4	01	1	2	Cu	12.8	19	9	52
	348	Ṭanṭa	220	14	20	01	1	1		14.7	19	9	52
	360	Shebîn el Kôm	250	5	20	01	1	2	Cu	15.1	20	8	46
	354	Zagazig	00	0	20	03	0	0	—	14.3	19	9	52
	441	Ismā'îlîa	250	11	20	01	0	0		14.6	19	9	52
Cairo Area	366	Cairo (A)	300	17	16	02	0	2	Sc	14.6	19	7	46
	372	Cairo Almâza (A)	240	16	15	02	0	1	Cu	14.9	20	7	43
	374	Cairo Ezbekîya											
	375	Giza	280	10	10	01	0	1	Cu	15.5	20	9	49
	378	Ḥelwân	220	3	50	02	1	1	Cu	15.1	18	8	52
Upper Egypt	381	Fayoûm	360	6	20	03	1	3	Cu,sc	16.0	20	10	53
	387	Minya (A)	220	12	10	03	0	3	Ac	16.8	22	4	31
	393	Aṣyoûṭ (A)	320	7	18	03	0	2	Cu	17.7	19	5	40
	399	Nag' Ḥamâdi	290	1	10	01	0	3	Ac,ci		20	6	41
	402	Qena	260	6	20	00	0	0	—	16.0	22	15	65
	405	Luxôr (A)	300	13	22	02	0	1	Ci	16.2	21	5	35
	414	Aswân	360	12	16	02	0	3	Ci	14.7	22	0	23
Oases	417	Sîwa	320	18	16	03	0	3	Cu	19.2	18	10	60
	420	Baḥarîya	290	8	20	02	0	0	—	17.4	19	11	60
	428	Farafra	320	10	20	02	0	1	Cu	19.5	20	14	69
	432	Dakhla	310	13	14	01	1	1	Ci	19.4	19	9	52
	435	Kharga	340	5	12	01	1	1	Ci	16.6	20	-5	18
Red Sea	450	Suez	270	10	20	03	0	2	Ns	15.6	21	7	41
	459	Tôr											
	462	Hurghâda	340	16	20	02	0	1	Cu	14.2	23	7	36
	465	Quseir	30	7	20	03	0	3	Ac,As,Ci	14.3	22	10	47
	641	Port Sûdân	40	6	20	03	1	4	Sc,ci	10.1	29	21	62
North Sudan	600	Wâdi Ḥalfa	360	17	20	02	2	7	Cs	15.1	23	0	22
	640	Abu Ḥamad	360	5	24	03	1	7	Cs	8.5	32	1	14
	660	Kareima	360	2	21	02	2	7	Cs	9.9	31	9	26
	680	'Aṭbara	350	7	20	02	1	7	Cs	6.1	35	9	20
	721	Khartoûm	20	13	20	03	0	3	Ci	5.9	34	8	20
	730	Kassala	40	3	20	02	0	0	—	2.4	36	9	19
Central Sudan	751	Wâd Medani	360	9	20	02	0	0	—	4.9	34	11	25
	801	Renk	310	9	20	02	0	0	—	6.3	35	12	25
	802	Roseires	210	5	20	02	0	1	Ci	2.4	37	8	17
	771	El Obeid	10	10	20	02	0	1	Ci	5.9	33	3	15
	760	El Fasher	50	7	24	01	2	6	Cs	6.3	32	1	14
	770	Geneina	80	4	50	02	0	2	Cs	6.6	33	-1	11
S. Sudan	840	Malakâl	50	4	20	02	0	0	—	4.4	36	9	19
	880	Wâu	60	7	20	03	1	5	Cu	2.6	36	14	27
	941	Juba	50	5	24	01	2	4	Cu	3.6	36	14	27

At 1800 on 8th

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	10	12	01	0	3	Sc	17.6	14	8	20	-2	67	0
303	Sîdi Barrâni	310	20	8	01	1	2	Sc	16.6	16	7	19		56	2
306	Matrûh (A)	10	12	12	01	1	5	Cb	16.4	14	9	19		72	4
309	El Dab'aa	340	9		01	6	8	Cu	16.4	14	10	19		77	1
319	Alexandria	310	19	20	01	6	3	Cu	16.0	16	8	19	-3	59	1
318	Alexandria (A)	340	13	10	02	8	7	Cb	15.5	16	10	19	-2	68	4
330	Damietta	320	3	2	61	6	8	Cu,Sc	14.2	14	12	19	-2	88	9
333	Port Sa'îd (A)														
336	El 'Arish														
339	Damanhûr	230	2		02	6	3	Cu	15.1	14	12	20	-2	88	2
342	Manşûra	320	3		03	6	6	Sc,cu	14.4	14	12	20	-3	88	RAIN
348	Ṭanṭa														
360	Shebîn el Kôm	250	5	10	00	0	0	—	15.6	15	11	21		77	0
354	Zagazig	00	0	10	02	0	0	—		15	15	21	-2	97	0
441	Ismā'îlîa														
366	Cairo (A)	290	11	12	03	0	3	Sc	15.8	15	10	20		72	0
372	Cairo Almâza (A)											20	-2		
374	Cairo Ezbekîya											21	-1		
375	Giza	280	4	10	03	0	3	Sc	16.2	15	11	21	-1	77	0
378	Ḥelwân	00	0	10	03	1	7	Cu,Sc	16.4	15	9	19	-2	68	0
381	Fayoûm	330	6	20	01	1	2	Cu,Sc	16.8	14	9	20	-3	72	0
387	Minya (A)	320	3	8	02	1	0	—	17.7	14	5	22	-1	55	0
393	Aṣyoûṭ (A)	00	0	10	01	0	0	—	18.3	15	6	20	-3	55	0
399	Nag' Ḥamâdi	00	0		01	0	4	As	17.1	14	8	21	-4	67	0
402	Qena	00	0		00	0	0	—	17.4	14	8	22	-4	67	0
405	Luxôr (A)														
414	Aswân	360	14	12	02	0	4	cs	16.8	17	-6	22	-4	20	0
417	Sîwa	300	7	14	01	1	0	—	15.9	15	10	18	-4	72	0
420	Baḥarîya	290	4	10	02	0	0	—	16.1	13	11	20	-2	88	0
428	Farafra	320	8	12	02	0	0		20.4	14	5	20		55	0
432	Dakhla	290	3	5	02	0	8		19.8	15	4	20	-4	48	0
435	Kharga	00	0	6	02	1	1	ci	17.4	15	4	21	-4	48	0
450	Suez	310	12	10	01	0	0	—	19.2	12	8	23	0	77	0
459	Tôr														
462	Hurghâda	320	18	10	01	0	1	Ci	15.9	18	6	23	0	46	0
465	Quseir	270	5	20	02	0	3	cs	15.8	19	13	23	-2	68	0
641	Port Sûdân	90	1	20	01	0	2	Sc	11.7	28	21	30		66	0
600	Wâdi Ḥalfa	350	14	20	01	2	4	cs	17.3	17	-2	25		28	0
640	Abu Ḥamad	360	13	24	02	2	7	cs	11.3	24	3	32		26	0
660	Kareima											32			0
680	'Aṭbara	340	5	20	01	2	5	cs	8.7	27	10	35		35	0
721	Khartoûm	320	8	20	01	2	4	Ci	8.6	28	7	35		27	0
730	Kassala	40	1	20	01	0	0	—	7.8	25	13	36		45	0
751	Wâd Medani											35			
801	Renk											36			
802	Roseires											37			
771	El Obeid	350	7	20	01	2	2	Ci	8.9	24	5	33		30	0
760	El Fasher	50	20	24	02	2	6	cs	8.9	26	3	33		33	0
770	Geneina	20	8	50	02	2	1	Ci	9.2	25	1	34		21	0
840	Malakâl	00	0	20	02	0	1	cs	7.2	27	14	36		45	0
880	Wâu	00	0	20	01	1	0	—	6.5	29	19	37		55	0
941	Juba	00	0	24	01	2	2	Ci	6.4	25	18	37		65	0

At 0600 on SUNDAY 9th DECEMBER, 1956

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	260	22	10	03	1	6	Sc,Ac	19.0	+1.6	12	9	10	-1	82	0	31	
303	Sîdi Barrâni	300	18	15	02	2	7	Sc,Ac	16.9		12	9	12		82	8	46	
306	Matrûh (A)	260	14	16	03	0	3	Sc	17.2	-1.0	11	9	9		88	4	49	
309	El Dab'aa	250	6	10	00	1	2	As	17.3		11	7	9		77	1	32	
319	Alexandria	180	4	20	03	6	4	Cu	17.6	-1.0	14	12	14	+1	88	2	31	56
318	Alexandria (A)	180	4	12	02	2	7	Cu,Sc	16.9	-1.0	14	12	12	0	88	16	37	44
330	Damietta	200	2		01	6	3	Cu,As	17.2	-0.6	12	10	9	-3	88	12	29	27
333	Port Sa'îd (A)																	
336	El 'Arish																	
339	Damanhûr	180	2	10	02	1	1	Cu	17.2	-1.4	14	10	9	-2	77	2	28	21
342	Manşûra	220	3		03	1	5	Sc,cu	17.5	-0.8	12	10	10	-1	88	2	26	11
348	Ṭanṭa	220	3	20	01	6	4	Ci	17.8	-1.1	13	11	6	-3	88	1	21	9
360	Shebîn el Kôm	320	2	10	50	6	5	Sc	17.4	-1.4	13	9	11		77	dr	18	
354	Zagazig	00	0	10	01	2	8	Cu	17.2	-1.7	13	1	8	-1	44	0	13	7
441	Ismā'îlîa	270	3	10	03	2	8	As	17.8		13	9	10		77	0	10	
366	Cairo (A)	250	7	8	03	1	7	St	18.7		11	10	11		94	0	10	
372	Cairo Almâza (A)	210	8	3	05	2	7	Sc	18.7	+0.1	13	11	10	-1	88	0	10	
374	Cairo Ezbekîya										12	10	11	0	88	0	11	5
375	Giza	260	9	8	03	—	7	Sc	19.2	+0.5	12	11	9	0	94	0	12	7
378	Ḥelwân	00	0	10	02	2	8	Cu,Sc,As	19.1	0.0	11	9	10	-1	88	0	6	5
381	Fayoûm	330	4	20	02	1	4	St	19.5	+0.4	12	9	10	+1	82	0	2	0
387	Minya (A)	150	2	6	03	0	1	Sc	19.5	+0.5	10	7	6	-2	82	0	dr	
393	Aṣyoûṭ (A)	260	4	12	02	0	0	—	19.6	+0.3	12	7	10	+1	72	0	0	
399	Nag' Ḥamâdi	00	0		01	0	4	Ac,cs	18.4	+0.3	15	9	10	+2	68	0	0	
402	Qena	220	3	10	03	1	0	—	18.8	+0.5	14	5	8	-2	55	0	0	
405	Luxôr (A)	00	0	22	03	0	3	Ac	19.1	+1.0	12	4	7		39	0	0	
414	Aswân	350	4	12	02	0	4	cs	17.1	-0.9	14	4	10	-3	82	0	0	
417	Sîwa	330	8	16	03	0	1	Sc,cu	21.6	+1.7	10	4	9	+3	67	0	11	2
420	Baḥarîya	00	0	10	02	0	0	—	20.3	+0.5	12	10	9	+2	88	0	8	3
428	Farafra	00	0	15	02	0	0	—	22.0		12	8	9		77	0	0	
432	Dakhla	350	8	14	03	0	1	Cu	21.9	+2.4	10	6	6	-2	76	0	0	
435	Kharga	00	0	10	02	0	0	—	19.0	+0.2	11	6	7	-2	71	0	0	
450	Suez	00	0	20	04	0	1		19.6	+1.6	12		8	-4		0	8	6
459	Tôr																	4
462	Hurghâda	290	16	22	03	2	5	Cu,Ci	17.6	+0.9	15	8	11	-2	63	0	0	
465	Quseir	270	6	20	03	0	6	Sc,Ac,Ci	17.0	-0.1	18	3	14	-3	37	0	8	4
641	Port Sûdân	340	6	20	01	1	3	Sc	12.6		26	22	23		79	0		
600	Wâdi Ḥalfa																	
640	Abu Ḥamad	360	13	20	07	3	0	—	14.0		18	-3	17		24	0		
660	Kareima	360	7	21	03	0	0	—	15.1		17	-3	15		26	0		
680	'Aṭbara	350	12	20	02	0	0	—	12.4		21	5	19		35	0		
721	Khartoûm	340	11	20	02	0	0	—	12.0		21	7	19		41	0		
730	Kassala	50	1	20	02	0	0	—	9.8		24	16	16		61	0		
751	Wâd Medani	360	13	20	02	0	0	—	11.9		22	9	16		44	0		
801	Renk	360	9	20	02	0	0		13.2		23	11	16		47	0		
802	Roseires	310	2	20	02	0	1	Ci	9.8		23	11	18		47	0		
771	El Obeid	260	12	20	03	0	2	Ci	12.6		18	4	15		40	0		
760	El Fasher	360	6	16	05	2	5	cs	15.4		17	5	13		46	0		
770	Geneina	40	9	50	02	0	1	Ci	15.8		17	4	14		42	0		
840	Malakâl	30	10	22	02	2	6	cc			25	6	18		30	0		
880	Wâu	00	0	20	02	2	6	cs	10.3		22	7	19		38	0		
941	Juba	00	0	24	03	0	7	cs	9.4		26	18	17		62	0		

RETARDS DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION					Minya		Asyout		Aswan		Siwa		Bahariya		Farafra		Hurghada					
DATE					9-12		9-12		9-12		9-12		9-12		9-12		9-12					
TIME					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	11	320	12	340	16	280	16	300	21	320	21	340	13				
600 m.					300	15	320	12	340	17	300	12	300	25	320	12	330	17				
1000 m.					300	11	300	13	350	13	280	17	300	29	320	17	310	13				
1500 m.					300	16	320	14	300	16	330	24	310	36	270	13	270	19				
2100 m.					330	28			250	19	340	22	310	28	360	17	250	22				
2400 m.					320	23			270	21	320	18	300	17			260	30				
3000 m.					300	35			240	26			320	22								
4000 m.																						
5000 m.																						
6000 m.																						

STATION					Cairo(A)		Minya		Asyout		Siwa											
DATE					10-12		10-12		10-12		10-12											
TIME					5		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.					260	9	10	17	360	17	90	4										
600 m.					350	13	20	16	360	19	90	4										
1000 m.					330	11	60	18	350	30	360	5										
1500 m.					340	33	50	11	350	28	330	20										
2100 m.									340	28	320	17										
2400 m.											320	17										
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		Cairo(A)		Helwan		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra					
DATE	10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12					
TIME	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.	330	13	270	6	190	4	330	3	20	13	340	8	70	11	340	8	40	8				
600 m.	330	29	310	13	330	8	350	8	360	7	340	7	70	7	360	8	30	7				
1000 m.	320	28	310	17	330	16	350	15	360	15	350	9	360	5	10	15	10	10				
1500 m.			320	20	330	22	340	21	340	30	360	16			360	13	310	18				
2100 m.			310	35			320	44	320	43	10	11			350	16						
2400 m.			320	34							360	21			350	22						
3000 m.											30	42			330	36						
4000 m.															340	73						
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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE MONDAY 10th DECEMBER, 1956

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 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: _____ التغيرات المنتظرة في حالة الطقس

_____

_____

_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04.40 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	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOUM	220	9	16	61	6	8	cu, As	19.2	15	10	72	
	303	SIDI BARRANI	320	20	15	02	2	7	Sc, As	18.0	16	11	72	
	306	MATRUH (A)	20	17	16	02	8	6	Ci	17.6	14	12	88	
	309	EL DAB'AA	340	14	10	01	1	8	cu	16.3	16	12	77	
	319	ALEXANDRIA	320	244	20	81	8	7	cu, Sc	15.4	17	13	77	
	318	ALEXANDRIA (A)	300	16	8	80	8	8	cu, Sc	15.6	16	13	82	
	330	DAMIETTA	200	5	20	02	1	3	cu	16.8	17	11	68	
	333	PORT SA'ID (A)												
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	260	19	4	61	6	8	cu	15.8	17	11	68	
	342	MANSURA	220	9		03	1	5	ch	15.0	18	10	60	
	346	TANTA	220	11	20	03	2	7	st	16.4	18	8	52	
	360	SHEBIN EL KOM	260	9	20	01	1	3	Sc	16.3	19	7	46	
	354	ZAGAZIG	00	0	20	03	2	4	cu	15.2	18	8	52	
	441	ISMA'ILIA	280	9	20	01	1	3	ch	15.9	18	8	52	
Cairo Area	366	CAIRO (A)	270	14	12	01	2	5	cu	16.2	18	6	46	
	372	CAIRO ALMAZA (A)	240	16	15	02	2	6	cu	16.4	18	6	46	
	374	CAIRO EZBEKIYA												
	375	GIZA	280	10	10	01	2	6	cu	16.1	18	15	83	
	378	HELWAN	230	9	50	02	2	6	cu	16.4	18	6	46	
Upper Egypt	381	FAYOUM	290	8	20	02	1	4	st	17.5	19	7	46	
	387	MINYA (A)	280	5	8	03	1	4	cu, Ci	17.5	20	6	41	
	393	ASYOUT (A)	230	4	12	02	0	4	Sc	18.2	18	5	43	
	399	NAG' HAMADI	290	2	10	01	0	3	Ac, Cs	16.8	21	7	41	
	402	QENA	270	4	20	02	1	0	—	16.4	21	7	41	
	405	LUXOR (A)	310	10	16	01	0	0	—	16.4	22	7	38	
	414	ASWAN	360	13	15	02	0	0	—	19.5	25	2	22	
Oases	417	SIWA	320	15	16	03	1	4	cu, ci	20.9	19	8	49	
	420	BAHARIYA	270	8	20	02	0	0	—	18.8	19	10	56	
	428	FARAFRA	320	8	20	03	0	2	cu	20.8	19	2	32	
	432	DAKHLA	310	11	12	03	0	5	cu, Ac	19.4	19	1	30	
	435	KHARGA	350	5	12	03	1	4	cu	18.8	21	5	35	
Red Sea	450	SUEZ	180	8	50	03	0	4	cu	16.2	19	7	46	
	459	TOR												
	462	HURGHADA	350	18	22	02	0	0	—	15.3	21	11	53	
	465	QUSEIR	30	9	20	01	1	1	Sc, cu, cc	15.2	22	6	36	
	641	PORT SUDAN	00	14	20	03	1	6	st	10.1	30	21	59	
North Sudan	600	WADI HALFA	10	18	20	03	0	1	ci	16.0	23	2	27	
	640	ABU HAMAD	360	9	20	02	0	0	—	9.6	27	7	28	
	660	KAREIMA	320	7	21	02	0	0	—	10.6	28	3	20	
	680	'ATBARA	350	11	20	02	0	0	—	7.2	31	9	26	
	721	KHARTOUM	260	11	20	02	0	0	—	7.2	31	11	29	
	730	KASSALA	10	5	20	02	0	0	—	2.9	35	11	23	
Central Sudan	751	WAD MEDANI	310	9	20	02	0	2		6.7	30	9	27	
	801	RENK	60	9	20	02	0	0	—	6.7	34	19	41	
	802	ROSEIRES	310	8	20	02	0	2	ci	3.5	35	10	22	
	771	EL OBEID	40	10	20	02	1	5	cs	7.6	29	5	22	
	760	EL FASHER	30	2	20	02	2	6	as	7.6	29	5	22	
	770	GENEINA	40	7	50	03	0	2	cs	8.2	31	6	18	
S. Sudan	840	MALAKAL	60	12	20	02	2	3	ci	6.9	34	9	22	
	880	WAU	60	5	20	01	1	2	ci	4.7	35	12	25	
	941	JUBA	50	3	24	02	2	7	cu, cs	3.2	36	9	19	
Retards														

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.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOUM	260	3	10	02	6	8	cu, Sc, As	21.1	15	8	18	-4	63	5
303	SIDI BARRANI	30	14	8	02	8	7	Sc, Ac	21.3	14	8	16		67	0.4
306	MATRUH (A)	20	13	10	02	2	7	cu, Sc	21.3	13	7	18		67	8
309	EL DAB'AA	360	15		00	1	6	Ac	20.6	13	7	18		67	5
319	ALEXANDRIA	310	20	20	01	6	5	ch	24.4	14	3	17	-4	68	8
318	ALEXANDRIA (A)	350	18	10	01	8	6	cu	20.1	14	5	16	-5	55	3
330	DAMIETTA	320	5		02	6	8	cu, Sc	18.0	14	12	17	-4	88	8
333	PORT SA'ID (A)														
336	EL 'ARISH														
339	DAMANHUR	40	2		03	6	4	cu	20.2	14	12	19	-3	88	4
342	MANSURA	260	5		01	6	3	Sc, cu	18.8	13	9	19	-3	77	4
346	TANTA	310	3	20	02	6	0	—	19.8	11	9	19	-3	88	2
360	SHEBIN EL KOM	250	5	10	01	1	2	Sc	19.1	14	8	20		67	0
354	ZAGAZIG	320	1	10	03	2	8	Sc	18.2	14	5	20	-2	55	0
441	ISMA'ILIA														
366	CAIRO (A)	350	8	12	02	2	7	Sc	19.3	13	12	19		94	2
372	CAIRO ALMAZA (A)														
374	CAIRO EZBEKIYA											19	-3		
375	GIZA	360	7	8	03	2	3	Sc	19.5	14	11	20	-2	82	dr
378	HELWAN	320	4	10	01	5	3	cu	18.4	14	10	19	-2	77	dr
381	FAYOUM	290	4	20	03	2	6	st	18.7	15	9	21	-2	68	0
387	MINYA (A)	310	7	8	03	0	2	cu	19.0	14	3	21	-2	48	0
393	ASYOUT (A)	270	5	10	02	0	0	—	19.8	14	4	20	-3	52	0
399	NAG' HAMADI	00	0		01	0	2	Ac	18.9	14	10	22	-3	77	0
402	QENA	00	0		00	0	0	—	19.0	15	4	22	-4	48	0
405	LUXOR (A)														
414	ASWAN	350	5	12	02	0	0	—	16.8	17	4	22	-4	42	0
417	SIWA	350	5	14	03	1	3	Ac	22.0	15	7	20	-2	59	0
420	BAHARIYA	320	4	10	02	2	6	Ac, As	19.9	14	11	19	-3	82	0
428	FARAFRA	320	4	12	00	1	0	—	23.2	14	4	19		52	0
432	DAKHLA	310	5	10	02	0	0	—	21.5	14	-1	20	-4	36	0
435	KHARGA	00	0	6	02	0	0	—	19.0	14	3	22	-3	48	0
450	SUEZ	220	10	10	01	0	0	—	19.6	12	8	21	-2	77	0
459	TOR														
462	HURGHADA	300	14	10	02	0	0	—	16.7	15	7	21	-2	59	0
465	QUSEIR	300	6	20	02	0	1	cu	15.9	18	8	23	-2	62	0
641	PORT SUDAN	340	12	20	02	1	5	Sc	12.9	25	21	30		79	0
600	WADI HALFA	360	18	20	02	0	0	—	10.6	17	2	23		27	0
640	ABU HAMAD	340	9	20	02	0	0	—	13.4	21	1	28		27	0
660	KAREIMA	340	12	18	07	0	0	—	16.4	22	-2	29		20	0
680	'ATBARA	340	7	20	02	0	0	—	10.2	27	10	32		35	0
721	KHARTOUM	330	15	20	01	0	0	—	10.8	26	5	33		27	0
730	KASSALA	40	2	20	02	0	0	—	8.8	25	13	35		43	0
751	WAD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	140	8	20	01	2	4	as	11.4	23	2	30		26	0
760	EL FASHER	50	6	20	01	2	5	cs	11.2	24	1	31		22	0
770	GENEINA	40	7	50	01	2	5	cs	12.5	21	4	33		33	0
840	MALAKAL	10	3	20	02	1	2	Ac, cs	8.9	27	15	35		48	0
880	WAU	10	3	20	01	0	0		7.5	27	15	35		48	0
941	JUBA	00	0	24	01	1	4	Ac, ci	5.9	27	16	37		52	0

At 0600 on MONDAY 10th DECEMBER 1956

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	SALLOUM	00	0	22	02	2	8	Sc, cu, ci	25.5	+0.1	12	8	10	-1	77	20	81	
303	SIDI BARRANI	10	12	15	02	5	8	Sc	24.8		13	4	10		55	1	47	
306	MATRUH (A)	10	19	12	02	2	8	cu, Sc	24.5	+6.3	12	4	8		59	12	68	
309	EL DAB'AA	280	15	10	01	0	8	cu	23.9		12	2	9		55	6	30	
319	ALEXANDRIA	310	12	20	03	6	7	cu, Sc	22.6	+4.0	13	1	13	0	64	8	30	28
318	ALEXANDRIA (A)	340	18	12	02	2	8	cu, Sc	22.2	+4.3	13	3	13	+2	71	2	40	45
330	DAMIETTA	340	5	4	12	6	7	cu, Sc	21.4	+3.6	12	5	8	-2	63	11	70	28
333	PORT SA'ID (A)																	
336	EL 'ARISH																	
339	DAMANHUR	260	2	10	01	2	6	cu, Sc	22.0	+3.4	11	4	9	-1	63	12	40	22
342	MANSURA	00	0		03	1	6	Ac, ci	21.8	+3.4	9	4	8	-4	71	4	30	12
346	TANTA	120	2	20	03	2	8	st	22.6	+3.6	9	7	8	-6	88	2	22	9
360	SHEBIN EL KOM	250	2	10	01	1	3	Sc	22.0	+3.2	10	6	8		78	0	14	
354	ZAGAZIG	00	0	10	03	1	8	cu	26.9	+2.0	10	6	4	-5	76	0	13	7
441	ISMA'ILIA	290	1	20	01	1	5	Ac	21.8		9	4	7		71	0	10	
366	CAIRO (A)	250	5	8	03	0	8	Sc	22.8		10	10	7		97	2	12	
372	CAIRO ALMAZA (A)	260	6	8	00	2	7	Sc	22.8	+4.2	11	6	9	-2	71	1	11	
374	CAIRO EZBEKIYA										11	6	9	-2	77	dr	11	5
375	GIZA	00	0	8	03	—	8	st	22.0	+4.2	9	7	6	-2	83	dr	12	7
378	HELWAN	00	0	10	02	2	8	Ac, As	22.1	+3.9	9	4	8	-3	71	dr	6	5
381	FAYOUM	240	4	20	02	2	8	ch	24.0	+4.8	11	6	7	-2	71	0	2	0
387	MINYA (A)	350	5	8	02	0	0	—	24.0	+5.0	10	6	5	-3	76	0	dr	
393	ASYOUT (A)	310	2	14	02	0	0	—	23.5	+4.1	10	5	8	-1	71	0	0	
399	NAG' HAMADI	00	0		01	0	2	As	21.6	+3.4	14	8	3	0	67	0	0	
402	QENA	270	4	10	00	0	0	—	21.4	+3.0	13	7	8	-2	67	0	0	
405	LUXOR (A)	00	0	16	02	0	0	—	20.6	+3.4	14	8	8		67	0	0	
414	ASWAN	320	2	12	02	0	0	—	17.9	-0.2	17	7	10	-3	52	0	0	
417	SIWA	60	8	15	20	3	7	As, Ac, As	25.1	+0.2	12	8	10	+4	77	0	11	2
420	BAHARIYA	00	0	20	02	2	7	Ac, As	25.2	+0.3	10	9	8	+1	94	0	2	3
428	FARAFRA	00	0	12	03	2	8	Sc	26.2		10	7	8		82	0	0	
432	DAKHLA	280	7	4	03	0	3	ch	24.3	+4.7	10	6	6	-2	76	0	0	
435	KHARGA	00	0	10	02	0	0	—	22.4	+3.5	13	9	9	0	77	0	0	
450	SUEZ	310	7	20	00	0	1	cu	22.8	+4.8	12	0	7	-6	44	0	8	7
459	TOR																	4
462	HURGHADA	320	30	6	31	3	2	Sc	19.2	+2.6	15	7	12	-1	59	0	0	
465	QUSEIR	320	12	20	02	0	1	Sc, cu	19.0	+1.8	16	8	14	-3	59	0	0	4
641	PORT SUDAN																	
600	WADI HALFA																	
640	ABU HAMAD																	
660	KAREIMA																	
680	'ATBARA																	
721	KHARTOUM																	
730	KASSALA																	
751	WAD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID																	
760	EL FASHER																	
770	GENEINA																	
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)		Minya		Asyout		Siwa		Aswan		Bahariya		Farafra									
DATE	10-12		10-12		10-12		10-12		10-12		10-12		10-12									
TIME	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	23	340	13	330	11	60	6	340	25	330	16	10	7								
600 m.	320	17	330	22	330	16	60	4	340	29	330	25	350	10								
1000 m.			320	22	330	15	50	8	330	37	330	25	350	10								
1500 m.					340	25	350	12	340	14	330	23	320	13								
2100 m.							250	17	270	14			340	23								
2400 m.									250	5			330	17								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. (A)		Minya		Asyout		Siwa														Hurghada	
DATE	11-12		11-12		11-12		11-12														11-12	
TIME	4		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.	350	18	340	11	340	19	330	7													310	16
600 m.	340	21	360	14	300	4	360	12													340	9
1000 m.			360	14	350	19	10	13													310	19
1500 m.			20	16	360	22	340	22													320	18
2100 m.							360	15														
2400 m.							360	16														
3000 m.							340	10														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallum		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12	
TIME	8		8		8		6	15	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.	300	10	10	18	290	10	170	3	330	11	320	5	360	6	330	15	10	8	340	13	10	13
600 m.	350	5			310	12			360	15	360	13	360	11	340	11	10	14	350	14	20	16
1000 m.	350	8			330	12			360	16	360	16	10	18	350	19	20	14	360	19	20	17
1500 m.	340	12			330	13					360	22	10	20	360	14	30	13	10	36	30	10
2100 m.	10	13			50	9							350	18	290	12	360	12	360	22	30	23
2400 m.	10	21			10	10							350	17	360	22	350	11	360	23		
3000 m.	360	16											340	23	280	12	360	8	350	17		
4000 m.	320	12															310	17	350	36		
5000 m.	320	17															320	12	350	48		
6000 m.	30	26																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						10-12														
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	12													
1000 mb.						220	10													
950 mb.																				
900 mb.																				
850 mb.						1544	-1													
800 mb.																				
700 mb.						3071	-6													
600 mb.																				
500 mb.						5630	-22		310	30										
400 mb.						7231	-35		320	33										
300 mb.						9192	-48		310	44										
200 mb.						11810	-56		300	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 N

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE TUESDAY 11 DECEMBER, 1956

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: _____ التنبيهات المتخذة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 41 U.T. / " " Sunset 14 56 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	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	340	6	16	02	2	7	Sc	25.9	14	1	42
	308	SÎDI BARRÂNI	360	10	15	02	2	6	Sc	24.8	13	5	59
	306	MATRÛH (A)	20	26	16	01	2	5	Sc	24.4	12	5	63
	309	EL DAB'AA	360	9	10	01	1	8	Cu	23.7	12	5	63
	319	ALEXANDRIA	310	16	20	02	1	7	Cb	22.3	15	1	39
	318	ALEXANDRIA (A)	340	15	12	03	2	6	Cu	22.0	16	3	42
	330	DAMIETTA	200	2		01	6	7	Cu, Sc	20.8	11	7	77
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	2	10	61	6	6	Cb	21.9	12	8	77
	342	MANSÛRA	320	3		03	5	7	Ns	21.8	12	5	63
	346	TANTA	360	7	20	03	6	6	St	21.9	12	5	63
	360	SHEBÎN EL KÔM	320	5	20	01	1	3	Cu	21.6	15	4	48
	354	ZAGAZIG	320	1	20	03	2	7	Cu	21.6	14	12	88
	441	ISMA'ILIA	290	3	20	03	2	8	Ns	21.2	14	5	55
Cairo Area	366	CAIRO (A)	320	9	18	01	2	5	Cb	21.6	14	4	52
	372	CAIRO ALMÂZA (A)	270	10	15	01	2	6	Cu	21.4	15	3	45
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	10	10	01	2	5	Cu, Sc	22.3	14	6	59
	378	HELWÂN	290	14	50	02	2	6	Sc, Cu	21.9	14	0	39
Upper Egypt	381	FAYOÛM	340	6	20	60	5	8	Cb	23.1	14	5	55
	387	MINYA (A)	360	12	10	03	1	6	Sc	22.5	17	1	34
	393	ASYOÛT (A)	340	10	20	03	0	4	Cu	22.5	17	0	33
	399	NAG' HAMÂDI	290	4	10	01	0	2	AC	20.2	19	7	46
	402	QENA	340	6	20	00	0	0	—	19.5	19	1	30
	405	LUXOR (A)	320	12	22	02	0	0	—	19.1	20	2	30
	414	ASWÂN	350	15	15	03	0	3	Ci	18.1	21	0	25
Oases	417	SÎWA	90	6	14	02	6	7	Ns, As	25.1	15	7	59
	420	BAHARÎYA	360	6	20	02	2	7	Cu	23.7	15	7	59
	428	FARAFRA	20	6	20	02	2	7	Cu	24.4	17	3	39
	432	DAKHLA	340	11	14	03	1	4	Cu	22.8	18	3	37
	435	KHARGA	20	8	12	03	0	2	Ci	20.6	19	2	32
Red Sea	450	SUEZ	310	8	50	02	0	3	Cu	21.1	16	-1	32
	459	TÔR											
	462	HURGHÂDA	330	30	0.1	31	3	1	Cu	18.9	18	3	37
	465	QUSEIR	340	19	20	03	0	2	Cu, Ac, Ci	17.7	20	12	60
	641	PORT SÛDÂN	20	15	10	05	2	7	Sc	13.7	27	20	66
North Sudan	600	WÂDI HALFA	360	18	20	02	0	1	Ac	18.7	22	3	29
	640	ABU HAMAD	360	13	20	01	2	4	Ci	14.2	23	0	22
	660	KAREIMA	350	9	20	02	2	7	As	14.8	24	3	26
	680	'ATBARA	10	11	13	07	2	6	Cs	11.0	28	7	27
	721	KHARTOÛM	340	16	20	02	2	7	As	11.3	27	1	19
	750	KASSALA	40	4	20	03	0	3	Ci	7.4	32	16	38
Central Sudan	751	WÂD MEDANI	50	5	10	02	2	6	As	9.7	30	9	27
	801	RENK	310	5	20	02	1	6	Ac	10.9	29	12	35
	802	ROSEIRES	310	9	20	02	2	8	Ac	7.7	31	11	29
	771	EL OBEID	20	9	20	02	2	7	Cs	11.1	26	2	21
	760	EL FASHER	50	8	24	01	2	5	Cs	11.6	26	1	24
	770	GENEINA											
S. Sûdân	840	MALAKÂL	50	3	30	02	0	1	Ac	8.1	33	7	20
	880	WÂU	20	6	20	02	0	0	—	6.9	33	13	30
	941	JUBA	340	1	24	02	1	5	Cu, Ci	5.3	34	15	32

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.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
Mediterranean	62300	SALLOÛM	00	0	12	02	2	7	Sc, AC	26.3	11	1	15	-6	51	0
	308	SÎDI BARRÂNI	320	8	8	50	8	7	Sc	26.0	11	7	14		77	0.1
	306	MATRÛH (A)	10	19	12	01	2	5	Sc	25.6	12	1	18		47	0
	309	EL DAB'AA	360	7		01	1	7	Cu	24.9	11	4	13		63	2
	319	ALEXANDRIA	310	14	20	01	5	5	Cu, Sc	23.9	13	1	17	-4	44	dr
	318	ALEXANDRIA (A)	340	12	12	02	8	7	Cu, Sc	23.6	12	4	16	-5	59	1
	330	DAMIETTA	00	0		02	6	7	Cu, Sc	22.6	10	8	12	-9	88	6
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
Lower Egypt	339	DAMANHÛR	310	2	10	01	6	3	Cu	23.0	10	8	14	-8	88	4
	342	MANSÛRA	280	2		03	2	8	Ns	23.1	10	6	14	-9	76	1
	346	TANTA	00	0	20	01	1	1		23.4	7	7	15	-7	97	7
	360	SHEBÎN EL KÔM	320	2	10	01	6	3	St	23.0	10	6	15		76	1
	354	ZAGAZIG	00	0	10	03	2	8	Cu	22.9	10	0	15	-7	50	0
	441	ISMA'ILIA														
Cairo Area	366	CAIRO (A)	320	5	16	02	2	5	Sc	23.6	10	5	15		71	dr
	372	CAIRO ALMÂZA (A)											15	-7		
	374	CAIRO EZBEKÎYA											16	-6		
	375	GIZA	350	1	6	03	0	1	Sc	24.0	9	6	15	-6	82	0
	378	HELWÂN	340	3	20	03	2	8	Ac	24.3	10	3	14	-7	62	0
Upper Egypt	381	FAYOÛM	340	4	20	62	5	8	Cb	23.9	10	6	16	-7	76	dr
	387	MINYA (A)	360	6	7	01	2	2	Ac	24.4	10	4	17	-6	67	0
	393	ASYOÛT (A)	00	0	12	01	0	3	Sc	24.4	12	4	13	-5	59	0
	399	NAG' HAMÂDI	290	3		01	0	1	As	21.1	14	8	20	-5	67	0
	402	QENA	270	3		00	0	0	—	21.2	14	5	20	-5	55	0
	405	LUXOR (A)														
	414	ASWÂN	350	12	10	01	0	2	Ci	21.2	15	-3	22	-4	30	0
Oases	417	SÎWA	10	5	14	61	6	8	Ns, As	26.5	14	6	15	-7	59	0.3
	420	BAHARÎYA	340	3	10	02	2	7	Ac	25.3	12	8	16	-6	77	0
	428	FARAFRA	10	5	12	03	2	8	Cu, Sc	26.4	13	1	18		44	0
	432	DAKHLA	340	5	5	01	2	3	Ci	24.6	15	1	18	-6	39	0
	435	KHARGA	350	1	6	02	0	0	—	22.4	13	1	19	-6	44	0
Red Sea	450	SUEZ	310	12	10	01	0	0	—	21.8	12	3	17	-5	55	0
	459	TÔR														
	462	HURGHÂDA	300	18	10	31	3	1	Cu	20.2	14	3	18	-5	48	0
	465	QUSEIR	310	18	20	01	0	1	Ac	19.9	15	1	20	-5	39	0
	641	PORT SÛDÂN	350	15	15	80	8	7	Sc	15.1	24	18	28		69	dr
North Sudan	600	WÂDI HALFA	10	15	20	01	0	0	—	21.0	17	-1	22		30	0
	640	ABU HAMAD	340	9	24	01	1	0	—	17.6	17	1	24		30	0
	660	KAREIMA	340	8	20	01	1	2	As	17.7	19	0	25		28	0
	680	'ATBARA	340	12	20	02	2	7	As	14.6	21	0	28		25	0
	721	KHARTOÛM	340	11	20	02	1	3	Cs	14.4	23	3	28		27	0
	750	KASSALA														
Central Sudan	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	360	7	20	01	2	1	Ci	14.2	21	1	26		27	0
	760	EL FASHER	20	8	20	01	2	2	Ac	14.8	21	1	27		27	0
	770	GENEINA	40	10	30	01	—	0	—	14.5	21	-2	28		21	0
S. Sûdân	840	MALAKÂL														
	880	WÂU	340	7	20	02	0	0	—	8.4	25	13	33		48	0
	941	JUBA	00	0	24	01	1	1	Ci	7.8	25	17	36		61	0

At 0600 on TUESDAY 11th DECEMBER, 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.	Bar. 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
Mediterranean	62300	SALLOÛM	290	18	12	01	2	7	Sc, Ac	26.7	+9.3	10	4	9	-2	67	0	51	
	308	SÎDI BARRÂNI	310	2	16	02	2	6	Sc	26.1		12	4	8		59	2	49	
	306	MATRÛH (A)	260	8	16	02	6	7	St	26.0	+7.8	10	4	8		67	1	68	
	309	EL DAB'AA	20	12	10	01	1	5	Ac	25.1		11	7	8		77	2	40	
	319	ALEXANDRIA	360	16	20	50	6	8	Cb	23.4	+6.8	13	4	10	-3	55	2	41	60
	318	ALEXANDRIA (A)	40	5	12	02	2	7	Cu, Sc	24.2	+6.3	13	6	11	-2	62	1	41	46
	330	DAMIETTA	200	2		01	6	4	Cb	20.0	+2.2	9	9	7	-4	97	18	88	28
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
Lower Egypt	339	DAMANHÛR	330	2	10	03	6	5	St	24.0	+5.4	10	6	8	-2	76	5	48	32
	342	MANSÛRA	270	3		03	1	4	Sc, Cu	23.8	+5.4	8	6	6	-4	88	1	31	13
	346	TANTA	00	0	20	02	0	0	—	23.6	+4.6	8	6	3	-6	88	7	30	9
	360	SHEBÎN EL KÔM	320	2	10	01	1	1	St	23.9	+5.0	10	6	7		76	[illegible]	15	
	354	ZAGAZIG	00	0	10	02	0	0	—	23.8	+4.6	7	5	4	-5	87	0	13	8
	441	ISMA'ILIA	250	5	20	01	1	3	Ac, As	23.6		9	4	6		71	0	10	
Cairo Area	366	CAIRO (A)	220	5	8	01	2	0	—	24.6		9	6	6		82	dr	12	
	372	CAIRO ALMÂZA (A)	200	3	15	00	0	1	Ac	25.3	+6.6	10	6	7	-4	71	0	11	
	374	CAIRO EZBEKÎYA										10	6	8	-3	76	0	11	5
	375	GIZA	200	2	8	01	—	1	Cu	24.7	+5.9	8	6	5	-3	88	0	12	7
	378	HELWÂN	00	0	4	05	4	6	Sc, Ac, Ac	25.4	+6.2	8	6	5	-6	97	0	6	5
Upper Egypt	381	FAYOÛM	00	0	20	02	0	0	—	25.5	+6.3	8	5	4	-5	82	0.5	2	1
	387	MINYA (A)	340	4	7	02	0	0	—	25.1	+6.4	7	3	3	-5	76	0	dm	
	393	ASYOÛT (A)	270	2	12	02	0	0	—	25.1	+5.7	7	3	4	-5	72	0	0	
	399	NAG' HAMÂDI	00	0		01	0	2	Ac	24.3	+6.0	11	4	5	-3	63	0	0	
	402	QENA	270	4	10	00	0	0	—	24.3	+5.9	10	6	4	-6	76	0	0	
	405	LUXOR (A)	300	2	14	00	0	0	—	23.3	+5.0	10	5	4		71	0	0	
	414	ASWÂN	350	10	12	02	0	0	—	21.3	+3.1	11	5	4	-3	47	0	0	
Oases	417	SÎWA	00	0	15	02	0	0	—	27.1	+7.2	6	3	4	-2	81	0.3	11	2
	420	BAHARÎYA	340	3	10	02	0	0	—	26.8	+6.9	7	3	5	-2	87	0	2	3
	428	FARAFRA	00	0	15	02	0	0	—	28.0		7	-1	6		57	0	0	
	432	DAKHLA	270	2	15	02	0	0	—	26.4	+6.7	9	2	7	-1	65	0	0	
	435	KHARGA	00	0	10	02	0	0	—	24.8	+5.7	10	5	7	-3	71	0	0	
Red Sea	450	SUEZ	00	0	20	00	0	1	Cu	24.8	+6.7	11	4	5	-7	63	0	8	7
	459	TÔR																	5
	462	HURGHÂDA	300	21	20	02	2	6	Sc	21.4	+6.7	13	3	10	-3	51	0	0	
	465	QUSEIR	280	8	20	02	0	1	Sc, Ac, Ci	21.1	+3.9	14	3	11	-6	48	0	0	4
	641	PORT SÛDÂN	330	16	20	03	2	7	Sc	16.3		23	16	22		65	dr		
North Sudan	600	WÂDI HALFA	00	0	20	02	0	0	—	28.2		11	1	7		37	0		
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	'ATBARA	10	18	20	07	0	3	Ci	16.6		16	0	13		36	0		
	721	KHARTOÛM	350	15	20	02	0	0	—	16.3		17	1	15		34	0		
	750	KASSALA	50	3	20	02	0	0	—	14.1		19	5	15		40	0		
Central Sudan	751	WÂD MEDANI																	
	801	RENK	360	9	20	02	0	0	—	15.9		20	4	16		35	0		
	802	ROSEIRES																	
	771	EL OBEID	10	13	20	02	0	0	—	16.6		15	-2	11		33	0		
	760	EL FASHER																	
	770	GENEINA	40	15	50	03	0	1	As	18.1		14	-2	12		34	0		
S. Sûdân	840	MALAKÂL	30	17	20	02	0	0	—	13.9		20	2	18		18	0		
	880	WÂU	10	5	20	02	0	0	—	13.5		21	8	18		44	0		
	941	JUBA	00	0	20	04	2	6	Cu, Ci	13.0		24	16	19		21	0		

REMARKS — DATE

*9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Hurghada	
DATE	11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12		11-12	
TIME	14		15		14		13 30		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.	350	4	340	11	20	10	310	10	350	13	330	17	310	10	350	11	20	10	20	10	330	27
600 m.	350	4	350	9	30	7	300	9	350	14	340	17	330	16	90	15	20	10	10	9	320	30
1000 m.	330	4	350	8	20	9	310	8	350	16	340	17	330	16	360	14	30	9	10	12	330	20
1500 m.	300	12	10	7			330	12	350	16	350	14	360	11	350	16	40	7	10	12	290	16
2100 m.	350	8	20	9			320	17	340	20			320	9	320	16			350	13	320	17
2400 m.			360	12			320	17	330	20			330	10	320	17			360	13	320	16
3000 m.			360	17			270	10					300	9	290	11			330	14		
4000 m.			320	14			270	17											310	17		
5000 m.			320	17			280	25														
6000 m.			320	37			270	26														

STATION							Cairo (A)		Minya		Asyout		Siwa									
DATE							12-12		12-12		12-12		12-12									
TIME							4		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.							280	8	360	26	30	9	140	3								
600 m.							310	6	10	22	20	23	70	5								
1000 m.									360	22	20	18	60	7								
1500 m.									10	21	30	17	30	20								
2100 m.									20	19			50	7								
2400 m.													360	5								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sollum		S.Barrani		Alex. (A)		Cairo (A)		Heluan		Minya		Asyout		Luxor		Siwa		Farafra		Hurghada	
DATE	12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12	
TIME	8		8		8		8		6		8		8		8 45		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	26	260	12	140	4	350	6	10	8	10	11	350	7	90	1	310	5	30	9	320	16
600 m.	270	24	270	23	00	0	30	7	20	13	20	21	30	16	90	2	240	4	50	10	320	9
1000 m.	260	4	270	17	330	3	40	10	40	14	30	23	30	25	90	3	240	3	50	10	360	12
1500 m.	260	4	230	6			40	10			40	11	20	24	90	3	20	6	50	18	50	12
2100 m.	280	13	270	5			60	9							270	1	30	4	40	8	320	8
2400 m.	360	12	290	13			30	9							360	2	10	6	90	10	300	8
3000 m.			280	13											330	7	330	7			310	12
4000 m.			260	12													280	11				
5000 m.			260	12													260	29				
6000 m.			270	26													280	25				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	11-12					11-12														
TIME	13,30					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	14				25	15													
1000 mb.	213	13		350	10	230	12		340	11										
950 mb.																				
900 mb.																				
850 mb.	1553	2		330	12	1562	-1		10	7										
800 mb.																				
700 mb.	3102	-3		270	10	3091	-7		350	17										
600 mb.																				
500 mb.	5663	-23		280	19	5629	-26		320	24										
400 mb.	7258	-34				7210	-37		290	73										
300 mb.	9227	-45				9154	-48		280	50										
200 mb.	11890	-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 12th DECEMBER, 1956

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: _____ التنبيهات المتطلبة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 41 U.T. / " " Sunset 14 56 U.T.

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 in 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	270	3	16	02	0	2	cu	26.4	17	5	56
	303	SÎDI BARRÂNI	260	13	20	02	2	5	cu	26.1	16	2	39
	306	MATRÛH (A)	340	7	16	01	2	5	cu	26.2	16	6	52
	309	EL DAB'AA	20	9	20	00	1	6	AC	26.4	15	4	48
	319	ALEXANDRIA	360	14	20	50	5	6	cb	25.2	14	5	55
	318	ALEXANDRIA (A)	20	13	12	03	2	7	cu, sc	24.5	15	6	55
	330	DAMIETTA	60	6		03	6	6	cu, sc	23.9	14	5	55
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	40	2	10	03	6	3	cu	23.4	15	9	68
	342	MANSÛRA	00	0		03	5	7	Ns	23.5	13	9	77
	348	ȚANȚA	40	8	20	60	6	7	st	24.0	13	7	67
	360	SHEBÎN EL KÔM	40	5	20	01	1	3	st	23.9	15	1	39
	354	ZAGAZIG	00	0	20	03	1	8	cu	23.6	16	10	68
	441	ISMA'ILÎA	20	2	20	03	1	6	cu	23.6	15	4	48
CAIRO AREA	366	CAIRO (A)	20	6	18	02	1	7	cu	24.1	15	4	48
	372	CAIRO ALMÂZA (A)	320	5	20	02	2	6	cu	24.0	14	4	52
	374	CAIRO EZBEKÎYA											
	375	GIZA	30	5	10	01	2	7	Sc	24.8	14	6	59
	378	ḤELWÂN	00	0	20	03	2	7	Sc, cu	24.4	14	3	48
UPPER EGYPT	381	FAYOÛM	360	4	20	03	1	5	cb	24.7	15	1	39
	387	MINYA (A)	350	11	10	01	2	4	Sc	24.2	14	0	39
	393	AṢYOÛṬ (A)	340	10	14	02	1	5	Sc	24.4	15	1	39
	399	NAG' ḤAMÂDI	290	3		01	0	2	Ac	21.6	18	6	46
	402	QENA	00	0	20	00	0	0	—	21.6	18	3	37
	405	LUXOR (A)	300	[illegible]	16	02	0	0	—	21.4	17	4	42
	414	ASWÂN	340	14	16	02	0	0	—	20.9	16	-2	30
OASES	417	SÎWA	20	10	16	03	1	5	cu	26.8	16	1	36
	420	BAḤARÎYA	320	10	20	02	2	7	cu	25.3	15	7	59
	428	FARAFRA	30	10	20	03	0	5	Sc, cu	26.8	15	-1	34
	432	DAKHLA	340	9	14	03	0	2	cu, ci	24.8	15	-3	30
	435	KHARGA	320	8	15	03	1	2	cu	22.8	16	2	39
RED SEA	450	SUEZ	360	8	50	03	0	3	cu	23.4	15	4	48
	459	TÔR											
	462	HURGHÂDA	330	23	22	01	2	5	cu	20.9	17	3	46
	465	QUSEIR	360	12	20	02	0	1	Sc, cu, AC	20.2	18	13	73
	641	PORT SÛDÂN	360	18	3	07	2	6	Sc	14.9	25	17	61
NORTH SUDAN	600	WÂDI ḤALFA	30	20	20	02	0	0	—	21.3	19	-2	24
	640	ABU ḤAMAD	360	13	22	02	1	2	ci	16.2	22	-5	16
	660	KAREIMA	10	10	20	02	1	5	cs	16.6	22	-6	15
	680	'AṬBARA	50	13	20	02	2	7	As	14.6	26	18	62
	721	KHARṬOÛM	360	13	18	05	0	2	ci	12.5	26	2	21
	730	KASSALA	70	5	20	02	0	0	—	7.7	31	15	38
CENTRAL SUDAN	751	WÂD MEDANI	310	9	20	02	0	0	—	10.8	29	7	25
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	360	12	20	02	0	0	—	11.7	25	0	19
	760	EL FASHER	40	8	24	01	1	2	ci	12.2	24	1	22
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	20	13	20	02	0	1	Ac	8.8	31	6	21
	880	WÂU	50	8	20	02	2	1	Ac	7.7	31	19	49
	941	JUBA	40	5	20	04	2	2	cu, ci	5.6	30	13	35

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	00	0	12	03	2	7	Sc, AC	26.6	13	4	17	-4	55	0
303	SÎDI BARRÂNI	200	4	12	02	0	4	cu	26.3	12	5	17		63	0
306	MATRÛH (A)	310	8	10	01	0	2	Sc	26.8	10	2	16		58	0
309	EL DAB'AA	40	3		00	0	4	AC	26.7	12	5	15		63	0
319	ALEXANDRIA	40	7	20	01	5	3	cb	26.4	13	7	17	-4	67	dr.
318	ALEXANDRIA (A)	50	4	12	01	8	4	Sc	26.4	11	7	16	-5	77	0.2
330	DAMIETTA	20	2		01	1	1	cu	25.4	12	5	15	-6	63	1
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	340	2	10	01	1	1	Ci	26.5	11	4	16	-6	63	1
342	MANSÛRA	00	0		01	1	2	Sc, cu	25.5	10	6	16	-6	76	dr
348	ȚANȚA	00	0	20	02	0	0	—	25.5	8	6	15	-7	88	dr
360	SHEBÎN EL KÔM	20	2	10	01	1	2	Sc	26.3	10	1	16		54	0
354	ZAGAZIG														
441	ISMA'ILÎA														
366	CAIRO (A)	330	2	16	02	2	7	Ac	26.2	11	8	16		82	0
372	CAIRO ALMÂZA (A)											16	-5		0
374	CAIRO EZBEKÎYA											17	-5		
375	GIZA	360	4	10	02	2	7	Sc	26.2	11	8	16	-5	82	0
378	ḤELWÂN	00	0	10	02	2	8	Sc, cu	26.0	12	6	14	-7	67	0
381	FAYOÛM	360	4	20	02	1	5	cb	25.9	12	6	15	-8	67	0
387	MINYA (A)	360	5	7	02	2	0	—	25.5	8	2	16	-7	66	0
393	AṢYOÛṬ (A)	340	7	12	01	1	2	Sc	25.2	13	2	15	-8	48	0
399	NAG' ḤAMÂDI	00	0		00	0	0	—	23.6	11	4	19	-5	63	0
402	QENA	00	0		00	0	0	—	24.2	12	3	19	-6	55	0
405	LUXOR (A)														
414	ASWÂN	360	5	10	02	0	0	—	22.2	14	-1	18	-8	36	0
417	SÎWA	00	0	14	01	1	5	Sc, cu	27.3	13	5	16	-6	59	0
420	BAḤARÎYA	00	0	10	02	2	5	Ac	26.4	11	5	16	-6	67	0
428	FARAFRA	360	3	10	02	0	0	—	27.8	10	-2	16		44	0
432	DAKHLA	340	4	5	02	0	0	—	25.8	11	-2	16	-8	41	0
435	KHARGA	00	0	6	02	0	0	—	23.4	11	1	17	-8	51	0
450	SUEZ	360	10	10	01	0	0	—	24.3	10	6	16	-6	76	0
459	TÔR														
462	HURGHÂDA	290	18	10	02	1	0	—	22.4	13	4	18	-5	55	0
465	QUSEIR	300	11	20	02	0	1	cu	21.6	15	9	19	-6	68	0
641	PORT SÛDÂN	310	10	20	02	2	7	Sc	17.7	23	13			53	0
600	WÂDI ḤALFA	360	9	20	02	0	0	—	21.9	13	-3	19		24	0
640	ABU ḤAMAD	360	13	20	02	0	0	—	18.6	15	-5	22		25	0
660	KAREIMA	360	9	21	02	0	0	—	18.7	17	-4	23		24	0
680	'AṬBARA	360	12	20	01	2	1	ci	15.4	20	-3	26		21	0
721	KHARṬOÛM	340	11	20	02	0	1	ci	14.3	21	-1	27		23	0
730	KASSALA	90	7	10	07	0	0	—	10.8	25	14	22		51	0
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID	360	8	20	02	0	0	—	14.3	19	0	25		28	0
760	EL FASHER	50	8	20	01	0	0	—	15.4	20	-2	26		23	0
770	GENEINA	40	10	50	03	0	0	—	14.3	20	-1	27		24	0
840	MALAKÂL	10	4	20	02	0	0	—	10.6	23	9	25		41	0
880	WÂU	340	5	20	02	0	0	—	9.2	24	11	32		44	0
941	JUBA	270	1	20	13	0	1	cb	6.7	25	14	34		51	0

At 0600 on WEDNESDAY 12th DECEMBER, 1956

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	230	20	12	02	0	0	—	26.2	+8.8	10	3	9	-2	62	0	51	
303	SÎDI BARRÂNI	220	12	15	01	2	4	Sc	25.3	+7.0	9	5	6		76	0	49	
306	MATRÛH (A)	210	13	16	01	0	2	Sc	25.2	+7.0	8	3	6		71	0	62	
309	EL DAB'AA	220	4	10	01	0	7	cu	25.9		10	8	9		88	1	41	
319	ALEXANDRIA	00	0	20	03	5	4	cu	26.8	+8.2	12	5	10	-3	63	dr	41	62
318	ALEXANDRIA (A)	240	5	12	03	0	4	Sc	26.5	+8.6	8	6	4	-8	88	0.2	41	47
330	DAMIETTA	320	2	3	50	2	7	cu, Sc	25.4	+7.5	11	9	8	-3	88	1	89	29
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	200	2	10	02	8	0	[illegible]	26.0	+7.3	9	4	10	-5	71	1	46	23
342	MANSÛRA	00	0	[illegible]	03	1	6	Ns	25.6	+7.2	11	7	7	-3	77	dr	31	12
348	ȚANȚA	00	0	20	02	0	0	—	25.8	+6.8	6	6	2	-7	97	dr	30	14
360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	26.8	+7.9	8	6	6		88	0	15	
354	ZAGAZIG	00	0	10	02	0	0	—	26.9	+7.9	8	3	3	-6	71	0	13	8
441	ISMA'ILÎA	200	2	20	03	1	5	Ac	25.8		8	6	6		88	0	10	
366	CAIRO (A)	190	1	10	02	0	0	—	26.1		9	6	6		82	0	12	
372	CAIRO ALMÂZA (A)	250	1	6	05	0	0	—	26.1	+7.4	9	6	5	-6	82	0	11	
374	CAIRO EZBEKÎYA										9	6	7	-4	82	0	11	6
375	GIZA	60	4	8	01	—	1	ci	26.8	+8.0	8	6	4	-4	88	0	12	7
378	ḤELWÂN	00	0	10	02	0	0	—	26.4	+7.1	8	6	6	-4	88	0	6	5
381	FAYOÛM	00	0	20	02	0	0	—	26.1	+7.4	8	4	4	-5	76	0	3	1
387	MINYA (A)	350	7	6	02	0	0	—	25.5	+6.4	7	3	4	-4	76	0	dr	
393	AṢYOÛṬ (A)	270	3	6	00	0	0	—	26.3	+6.8	6	2	4	-4	76	0	0	
399	NAG' ḤAMÂDI	00	0		01	0	1	Ac	24.6	+6.2	9	4	5	-3	71	0	0	
402	QENA	270	2	10	00	0	0	—	24.7	+6.2	9	2	4	-5	62	0	0	
405	LUXOR (A)	00	0	15	02	0	0	—	23.8	+5.4	9	2	2		62	0	0	
414	ASWÂN	00	0	12	02	0	2	ci	23.4	+5.2	10	1	6	-6	54	0	0	
417	SÎWA	00	0	16	03	2	2	st	27.5	+7.5	6	2	4	-2	76	0	11	2
420	BAḤARÎYA	00	0	20	02	0	0	—	27.2	+7.2	7	5	2	-5	87	0	2	3
428	FARAFRA	00	0	15	02	0	0	—	28.3		6	4	4		87	0	0	
432	DAKHLA	270	4	14	02	0	0	—	27.6	+7.8	6	-2	2	-5	57	0	0	
435	KHARGA	360	2	10	03	0	1	ci	23.6	+4.6	10	4	3	-4	67	0	0	
450	SUEZ	00	0	20	00	0	0	—	[illegible]	+6.0	9	4	4	-7	71	0	8	7
459	TÔR																	5
462	HURGHÂDA	290	21	20	02	0	4	cu	22.8	+6.1	13	7	10	-2	67	0	0	
465	QUSEIR	290	10	20	02	0	1	cu, AC	21.7	+4.4	16	3	12	-5	42	0	0	4
641	PORT SÛDÂN																	
600	WÂDI ḤALFA																	
640	ABU ḤAMAD																	
660	KAREIMA																	
680	'AṬBARA																	
721	KHARṬOÛM																	
730	KASSALA																	
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES																	
771	EL OBEID																	
760	EL FASHER																	
770	GENEINA																	
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		Aswan		Siwa		Farafra		Hurghada					
DATE	12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12		12-12					
TIME	14		16		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	33	270	16	260	18	350	14	340	10	290	11	300	4	20	14	360	7				
600 m.	270	23	280	17	270	13	360	16	350	16	10	11	310	6	20	17	360	7				
1000 m.	270	14	290	13	280	12	10	15	10	7	20	12	340	4	20	16	340	6				
1500 m.	290	13	290	6	300	9	30	7	20	10	20	6	340	5	20	23	280	27				
2100 m.	290	15	300	11			20	8	360	2	30	4	330	4	200	11	320	10				
2400 m.			280	10			340	3	350	4	40	6	320	5	200	5	120	4				
3000 m.							300	3	320	3	270	15	290	11	260	5	260	4				
4000 m.							250	13					280	25	250	5						
5000 m.							280	30					270	29								
6000 m.													260	30								

STATION							Cairo (A)		Minya		Asyout		Siwa		Kharga							
DATE							13-12		13-12		13-12		13-12		13-12							
TIME							5		2		2		2		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.							270	10	350	16	350	8	280	16	360	3						
600 m.							260	8	360	16	20	21	310	14	10	6						
1000 m.							270	6	20	23	20	18	320	12	20	16						
1500 m.							330	6	360	19	350	12	330	9								
2100 m.							320	9					320	14								
2400 m.							320	11					310	12								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Helouan		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Hurghada					
DATE	13-12		13-12		13-12		13-12		13-12		13-12		13-12		13-12		13-12					
TIME	8		6		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	7	50	3	340	6	350	9	70	2	10	8	300	20	360	10	330	20				
600 m.	260	10	300	10	340	11	360	21	350	9	20	13	320	11	10	13	340	8				
1000 m.	260	8	350	6	340	13	360	26	350	8	10	10	320	7	20	10	320	35				
1500 m.	320	6	360	16	360	14	350	24	320	12	330	10	330	9	10	13	310	8				
2100 m.	310	5	360	13			350	5	330	7	260	9	330	13	360	21						
2400 m.			320	9			320	9	300	11	230	10	330	11	270	11						
3000 m.									240	13	240	17	290	11	320	22						
4000 m.													270	13								
5000 m.													270	31								
6000 m.													280	43								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION						Matruh														
DATE						12-12														
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. %	WIND DIR.	WIND SPEED	ALT. m.	TEMP. °c.	HUM. %	WIND DIR.	WIND SPEED
Surface						25	12													
1000 mb.						204	13													
950 mb.																				
900 mb.																				
850 mb.						1547	4													
800 mb.																				
700 mb.						3101	-5													
600 mb.																				
500 mb.						5634	-24													
400 mb.						7228	-36													
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 13th DECEMBER, 1956

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. 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: _____ التنبؤات الجوية في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ..04..43.... U.T. / " " Sunset ..14..57.... U.T.

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

At 1200 on 13 th

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	Temperatures °C. Dew Point	Relative Humidity %
SALLOUM	310	14	14	08	6	8	St	22.8	16	8	59
SIDI BARRANI	240	3	12	02	5	8	Cu,Sc	22.4	15	11	77
MATRUH (A)	300	11	16	02	2	8	As	22.0	16	10	63
EL DAB'AA	340	7	10	02	1	8	Cu	21.7	13	11	88
"	00	0	10	01	6	8	Cb	21.4	14	12	88
ALEXANDRIA	200	4	10	00	8	7	Cu,Sc	21.5	15	12	82
"	320	2		03	6	8	Cu,Sc	20.6	15	13	88
ALEXANDRIA (A)											
DAMIETTA	200	2	10	02	1	8	Cu,Sc	21.0	15	11	77
PORT SA'ID (A)	00	0		03	5	8	As	21.4	15	11	77
EL 'ARISH	00	0	20	03	1	8	Cu	21.5	15	9	68
DAMANHUR	320	5	20	01	1	3	Sc	21.0	17	4	42
MANSURA	00	0	20	01	3	7	Cu	20.9	17	13	77
TANTA	290	2	20	03	1	4	Ac	20.8	19	7	46
SHEBIN EL KOM	300	9	14	03	0	6	Cu,Sc	21.0	17	6	49
ZAGAZIG	250	8	20	03	0	6	Cu,Sc	21.4	18	7	49
ISMA'ILIA											
CAIRO (A)	320	6	12	08	2	6	Sc	21.5	18	8	52
CAIRO ALMAZA (A)	00	0	50	03	0	2	Cu,Ci	21.5	16	5	49
CAIRO EZBEKIYA											
GIZA	240	4	20	02	0	0	—	21.5	17	10	64
HELWAN	260	9	10	02	0	0	—	20.9	19	6	28
FAYOUM	340	11	14	02	0	0	—	20.8	17	3	39
MINYA (A)	290	1	18	01	0	2	Ac	19.2	19	4	27
ASYOUT (A)	270	2	20	03	1	3	Ci	19.4	19	4	37
NAG' HAMADI	340	0	22	02	0	2	Cs	18.4	19	2	32
QENA	340	9	7	02	0	7	Cs	18.1	19	1	30
LUXOR (A)											
ASWAN											
SIWA	320	16	16	01	0	0	—	23.4	16	2	42
BAHARIYA	320	9	20	02	0	0	—	22.1	17	8	56
FARAFRA	260	4	20	02	0	1	Ci	22.9	16	-2	30
DAKHLA	260	11	10	03	2	5	Ci	21.6	16	-1	32
KHARGA	20	8	6	03	1	6	Ci	19.8	18	1	32
SUEZ	00	0	50	02	0	0	—	21.2	18	3	27
TOR											
HURGHADA	340	21	22	01	0	2	Ci	17.9	20	5	38
QUSEIR	350	13	20	03	2	7	Cu,Ac,Cc	17.5	20	6	41
PORT SUDAN	20	12	20	02	2	6	Sc	15.4	27	17	55
WADI HALFA	20	11	20	02	2	8	As	18.0	17	3	39
ABU HAMAD	360	9	24	02	2	7	Cs	11.5	25	3	24
KAREIMA	350	6	20	02	2	7	Cs	12.4	24	5	20
ATBARA	350	8	20	02	0	1	Ci	9.9	28	10	23
KHARTOUM	360	13	20	02	0	0	—	9.5	27	9	23
KASSALA	40	4	20	01	1	1	As	4.4	33	12	20
RENK	360	9	20	02	1	0	—	7.5	30	9	27
ROSEIRES	360	5	20	02	0	2	Ac	8.5	30	9	27
EL OBEID	310	5	20	02	1	3	Ac	4.8	33	12	28
EL FASHER	20	10	20	03	0	1		9.8	25	9	22
GENEINA	40	8	30	03	0	6	As	10.9	25	8	19
MALAKAL	60	12	50	01	1	3	As	10.0	26		
WAU	80	5	20	02	2	7	Ac,As	8.3	30	9	27
JUBA	20	7	20	01	0	0	—	7.4	30	7	24
	360	7	20	04	2	5	Cu,Cs	6.2	32	18	43

At 1800 on 13 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 Dif. from normal	Relative Humidity %	Rain past 12 hrs. mm.
SALLOUM	310	3	10	03	1	3	Cu	23.9	13	7	18	-3	67	dr.
SIDI BARRANI	340	8	12	01	1	2	Cu	23.2	13	4	15		55	1
MATRUH (A)	330	9	13	02	2	8	Sc	23.4	11	10	16		94	2
EL DAB'AA	270	6		03	2	8	Cu	22.9	12	10	15		88	8
ALEXANDRIA	310	4	10	03	8	8	Cu,Sc	21.9	13	11	15	-6	88	0.6
ALEXANDRIA (A)	320	5		00	1	0	—	21.5	13	9	15	-5	77	2
DAMIETTA														
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	330	2		03	5	8	Cu,Sc	21.8	13	13	16	-6	97	dr.
MANSURA	360	3		00	1	0	—	21.9	12	10	16	-6	88	dr.
TANTA	00	0	20	03	2	7	NS	22.2	11	11	17	-5	97	0
SHEBIN EL KOM	330	2	10	01	1	2	Sc	22.0	10	6	18		76	0
ZAGAZIG	00	0	10	01	1	0	—	21.9	14	10	20	-2	77	0
ISMA'ILIA														
CAIRO (A)	20	3	12	03	2	7	St	22.3	14	10	18		77	0
CAIRO ALMAZA (A)											19	-2		
CAIRO EZBEKIYA														
GIZA	020	3	10	03	2	7	St,Ac	22.4	14	11	17	-4	82	0
HELWAN	00	0	10	02	2	8	Cu,Sc	22.0	14	8	17	-4	67	0
FAYOUM	300	4	20	03	2	6	Cu,Sc	22.0	13	9	18	-5	77	0
MINYA (A)	340	1	8	02	0	0	—	22.1	9	2	19	-3	62	0
ASYOUT (A)	270	4	10	02	0	0	—	22.2	12	2	17	-5	81	0
NAG' HAMADI	00	0		01	0	2	As	19.8	12	7	20	-4	67	0
QENA	00	0		00	0	0	—	19.8	12	5	19	-6	63	0
LUXOR (A)														
ASWAN	360	3	10	02	0	7	As	19.2	16	-12	20	-6	14	0
SIWA	320	3	14	02	1	5	Sc	23.9	12	5	16	-6	63	0
BAHARIYA														
FARAFRA	360	3	12	02	0	3	Ci	24.8	10	-3	17		41	0
DAKHLA	310	9	5	02	2	7	Cs	22.7	13	-3	17	-6	34	0
KHARGA	00	0	6	02	2	8	Cs	20.7	13	1	19	-5	44	0
SUEZ	360	7	10	02	0	0	—	20.8	18	3	18	-4	71	0
TOR														
HURGHADA	300	16	10	02	2	8	As	18.3	14	1	20	-2	42	0
QUSEIR	300	10	20	02	2	7		18.3	17	6	21	-4	49	0
PORT SUDAN	360	7	20	03	2	8	Sc	14.9	25	17	27		61	dr.
WADI HALFA	40	6	20	01	2	6	Ac	18.3	14	2	19		45	0
ABU HAMAD	320	9	12	02	1	3	Ci	15.5	18	3	25		27	0
KAREIMA														
ATBARA	340	7	20	02	0	0	—	13.3	23	6	29		34	0
KHARTOUM	320	10	20	02	0	1	Ac	12.1	23	5	28		32	0
KASSALA	50	7	20	01	2	4	Ci	13.8	19	0	27		22	0
RENK														
ROSEIRES														
EL OBEID														
EL FASHER	300	9	20	03	0	3	Ac	13.3	19	-1	25		36	0
GENEINA	40	7	50	01	0	0	—	13.9	19	-7	28		17	0
MALAKAL														
WAU	90	4	20	01	2	7	Ac,As	10.6	25	11	31		42	0
JUBA	360	4	20	01	0	0	—	9.5	24	11	31		44	0
	350	1	20	13	2	5	Cu,Ac	7.8	26	19			66	0

At 0600 on FRIDAY 14 th DECEMBER, 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.	Bar. Pressure Dif. from normal mb.	Temperatures °C. Dry Bulb	Temperatures °C. Dew Point	Minimum Today	Minimum Dif. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62800	SALLOUM	270	8	14	01	0	2	Sc	23.8	+6.6	11	4	9	-2	62	dr.	61	
	303	SIDI BARRANI	220	7	16	02	1	4	Sc	23.1		8	5	6		82	1	54	
	306	MATRUH (A)	250	10	14	02	2	6	Sc	23.1	+4.8	8	7	8		94	2	68	
	309	EL DAB'AA	230	5	10	00	2	4	As	23.2		10	6	9		76	8	50	
	319	ALEXANDRIA	310	10	20	01	6	4	Sc	22.8	+4.2	15	4	14	+1	67	6	52	65
	318	ALEXANDRIA (A)	340	7	12	01	2	6	Sc	22.4	+4.4	15	5	9	-2	52	0.6	42	50
	330	DAMIETTA	200	2	16	03	1	5		21.4	+3.8	10	8	7	-4	88	2	91	30
	333	PORT SA'ID (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR															dr.	46	24
	342	MANSURA	00	0		00	0	0	—	22.2	+3.7	10	8	7	-3	88	dr.	31	12
	348	TANTA	00	0	20	03	2	6	Cu	22.4	+3.4	10	8	6	-3	88	0	30	10
	360	SHEBIN EL KOM	250	2	10	01	1	2	Cu	22.7	+3.7	13	9	8		77	0	15	
	354	ZAGAZIG	00	0	10	02	0	0	—	21.2	+2.1	10	8	6	-3	88	0	13	8
	441	ISMA'ILIA	250	3	20	01	0	0	—	22.0		10		1		88	0	10	
CAIRO AREA	366	CAIRO (A)	00	0	14	02	0	1	Ac	22.5		12	9	8		82	0	12	
	372	CAIRO ALMAZA (A)	00	0	15	00	0	0	—	22.8	+3.7	14	9	10	0	72	0	11	
	374	CAIRO EZBEKIYA										11	8	9	-1	82	0	11	6
	375	GIZA	00	0	10	02	0	0	—	23.4	+4.4	11	9	7	-2	80	0	12	7
	378	HELWAN	00	0	10	02	0	1	Ci	22.1	+3.8	11	7	9	-1	65	0	6	5
UPPER EGYPT	381	FAYOUM	290	4	20	02	1	4		22.6	+4.3	7	2	9	0	71	0	2	1
	387	MINYA (A)	260	6	5	02	1	4	Ci	23.1	+3.8	8	5	6	-2	82	0	4	
	393	ASYOUT (A)	270	4	10	02	2	7	Ac,As	22.6	+3.0	9	2	7	-1	62	0	0	
	399	NAG' HAMADI	00	0	4	02	5	5	Cu,Ac	20.7	+2.1	11	4	7	-1	62	0	0	
	402	QENA	00	0	10	03	1	7	As	20.7	+2.1	10	6	6	-4	76	0	0	
	405	LUXOR (A)	00	0	22			3	Ac	20.3	+1.8	8	0	6		88	0	0	
	414	ASWAN	00	0	12	02	0	6	Ac,Ci	20.1	+1.8	13	2	8	-4	61	0	0	
OASES	417	SIWA	00	0	16	03	0	1	Ci	24.8	+4.8	7	5	6	0	87	8	19	2
	420	BAHARIYA																	2
	428	FARAFRA																	
	432	DAKHLA	270	5	13	03	1	7	Ac,As	22.9	+4.0	8	8	-8	-2	46	0	0	
	435	KHARGA	260	2	6	03	2	7	Cu,As	20.6	+1.8	12	8	8	0	63	0	0	
RED SEA	450	SUEZ	00	0	20	00	0	2	Cu	24.0	+5.8	10	8	5	-6	88	0	8	7
	459	TOR																	5
	462	HURGHADA	290	18	22	02	2	7	Cu,As	18.6	+1.7	14	7	11	-1	63	0	0	
	465	QUSEIR	310	14	20	02	2	7	Sc,Ci	18.6	+1.1	17	8	14	-2	39	0	0	4
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	ATBARA																	
	721	KHARTOUM																	
	780	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK	260	5	20	02	0	2		18.2		20		18		42	0		
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER	240	2	40	03	0	2	As	18.7		21	12			57	0		
	770	GENEINA	260	2	50	03	1	4	As	19.2		12	8			82	0		
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	941	JUBA																	

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		S. Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra	
DATE	14-12		14-12		14-12		14-12		14-12		14-12		14-12		14-12		14-12		14-12		14-12	
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.	310	13	330	7	320	10	350	27	350	10	350	16	330	19	340	7	330	6	330	8	20	5
600 m	320	15	320	11	340	10	350	14	350	10	350	16	340	17	340	10	10	5	340	6	30	9
1000 m.	320	14	320	11	350	9	350	20	350	10	350	16	350	23	340	12	10	6	340	14	50	8
1500 m.	350	14	280	5	350	9	350	11	360	9			360	23	350	16	320	8	10	12	30	12
2100 m.	330	12	360	8	340	11			20	9			30	3	320	13	260	12			340	8
2400 m			360	12	340	10			30	8			320	7	260	10	260	18				
3000 m.			320	10	330	7			10	6			330	7	260	13						
4000 m.					360	10			350	6			240	6								
5000 m.									270	9												
6000 m.									260	20												

STATION	Kharga		Hurghada						Alex. (A)		Minya		Asyout		Siwa		Kharga				Hurghada	
DATE	14-12		14-12						15-12		15-12		15-12		15-12		15-12				15-12	
TIME	14		14						4		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.	350	15	330	20					350	13	360	14	350	13	350	5	10	16			320	17
600 m.	360	16	320	10					350	13	10	18	360	24	340	10	10	25			340	10
1000 m.	360	14	330	16					350	12	10	19	360	25	360	12	10	21			40	2
1500 m.	10	6	320	14							360	26	20	11	360	14					30	1
2100 m.	270	1	180	5							30	17			360	15					40	3
2400 m.	330	3	150	6											350	14					200	3
3000 m	240	4	270	7																	270	2
4000 m.																						
5000 m																						
6000 m.																						

STATION	Sallum		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Kharga	
DATE	15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12	
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	20	280	11	360	3	10	8	350	11	330	10	40	2	10	9	10	6	320	9	10	11
600 m.	350	25	290	8	350	3	30	9	10	18	360	16	40	2	20	10	350	7	270	8	10	19
1000 m	340	6	320	6	330	22	20	10	10	24	20	21	340	3	10	10	330	10	20	7	10	21
1500 m	290	7	350	9			50	10	10	19	10	16	330	18	340	2	300	3	30	13	30	20
2100 m.	300	9	350	7			50	17					200	16	210	18	30	13	20	10		
2400 m.			320	3			30	11					140	17	200	23	330	11	30	13		
3000 m.			280	4			90	2					240	4	200	21	360	7				
4000 m							60	4									350	8				
5000 m.																	30	10				
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	14-12					14-12														
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	70	16				25	13													
1000 mb.	179	15		350	8	199	12		340	10										
950 mb.																				
900 mb.																				
850 mb.	1528	4		360	9	1530	2		330	9										
800 mb.																				
700 mb.	3081	-3		10	6	3021	-5		330	7										
600 mb.																				
500 mb.	5624	-21		270	14	5621	-33													
400 mb.	7256	-35		250	22	7230	-35													
300 mb.	9199	-49		250	25															
200 mb.	11800	-58		240	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

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 15th DECEMBER, 1956

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)
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
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	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

LIBRARY
MAY 13 1957
WEATHER BUREAU

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: _____ التغيرات المنتظرة في حالة الطقس

_____

_____

_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 43 U.T. / Sunset 14 57 U.T.

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

At 1200 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	Relative Humidity %
SALLOUM	320	4	16	03	1	5	Cu, Sc	22.8	17	6	49
SIDI BARRANI	320	9	18	61	0	2	Cu	22.3	17	5	46
MATRUH (A)	250	9	16	02	2	7	ST	22.2	14	10	77
EL DAB'AA	340	7	10	01	0	4	Cu	21.8	15	9	68
ALEXANDRIA	340	8	12	01	0	3	Sc	21.2	18	6	46
ALEXANDRIA (A)	340	2	20	03	1	6	NS	20.3	17	9	60
DAMIETTA											
PORT SA'ID (A)											
EL 'ARISH											
DAMANHUR	270	2	10	03	0	5	Cu	20.4	16	8	59
MANSURA	00	0		03	1	6	Cu	20.6	17	9	60
TANTA	330	4	20	04	2	5	Cu	2.4	17	4	42
SHEBIN EL KOM	250	5	20	01	1	2	AS	20.4	20	6	41
ZAGAZIG	00	0	20	03	1	8	Cu	19.9	18	10	60
ISMA'ILIA						6	Cu	20.6	18	6	46
CAIRO (A)	010	7	16	01	0	4	Cu	20.7	16	4	45
CAIRO ALMAZA (A)	330	13	20	02	2	6	Cu	20.1	16	5	49
CAIRO EZBEKIYA											
GIZA	030	8	10	03	2	7	Sc	2.1	17	6	49
HELWAN	320	5	20	03	1	7	Cu	20.7	16	3	42
FAYOUM	360	6	20	02	1	4	ST			2	
MINYA (A)	010	11	8	03	1	2	Cu	20.8	18	3	37
ASYOUT (A)	350	11	20	02	0	4	Ac, Ci	19.6	19	2	32
NAG' HAMADI	290	2	10	01	0	4	Ac, Ci	17.5	19	7	46
QENA	320	4	20	02	1	5	Ac	17.4	19	7	46
LUXOR (A)	340	8	22	02	0	3	Ac	17.0	20	6	41
ASWAN	360	9	16	01	0	5	As, Ci	16.8	18	0	30
SIWA	350	10	16	03	0	3	Cu, Ci	23.2	17	2	37
BAHARIYA	320	3	20	02	2	4	Ac	21.5	17	8	56
FARAFRA	020	5	20	03	2	8	Cb, Cu	22.6	17	3	39
DAKHLA	340	13	11	02	2	5	ST, Ci	20.4	17	4	42
KHARGA	010	7	10	01	2	3	Ci	17.8	20	4	35
SUEZ	360	8	50	03	0	3	Cu	20.2	17	7	52
TOR											
HURGHADA	330	24	22	02	6	7	Ac	16.4	20	9	49
QUSEIR	340	12	20	01	2	5	Sc, Cu, Ac, Cb	16.7	20	3	33
PORT SUDAN	350	15	10	07	2	7	Sc	12.9	25	9	36
WADI HALFA	360	10	20	01	1	4	Ci	18.2	19	-2	24
ABU HAMAD	360	5	24	02	0	1	Ac	12.5	25	6	30
KAREIMA	040	2	21	02	0	0	—	12.0	25	3	24
ATBARA	030	6	20	02	0	2	Ci	10.0	28	12	37
KHARTOUM	340	13	20	01	2	5	Cu	10.1	27	6	27
KASSALA	00	0	10	01	2	2	Ac, Ci	6.2	33	16	36
WAD MEDANI	310	9	20	02	1	5	Ac	11.5	30	12	33
RENK	310	5	20	02	2	8	Ac	6.1	30	12	33
EL OBEID	030	8	20	01	2	6	Ac, Ci	10.5	25	3	24
EL FASHER	020	7	50	02	2	7	Cu	9.7	27	-9	9
GENEINA	050	5	50	03	2	7	Cu	9.9	28	-9	8
MALAKAL	040	9	20	02	2	7	Cu	7.0	32	8	22
WAU	070	7	20	02	2	7	Cu	6.9	31	9	26
JUBA	050	3	20	04	2	7	Cu	4.8	33	15	34

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.
SALLOUM	340	2	12	02	1	3	Sc, Cu	23.1	14	6	18	-3	59	0
SIDI BARRANI	350	12	16	03	1	7	Sc	22.4	15	8	17		63	0
MATRUH (A)	220	6	14	01	2	6	Sc	23.0	17	10	15		88	4
EL DAB'AA	270	6		00	1	8	Cu	22.9	13	8	17		72	0
ALEXANDRIA	310	10	20	02	0	3	Cu	22.7	15	7	18	-2	59	0
ALEXANDRIA (A)	360	5	12	03	0	3	Sc	22.2	13	6	18	-3	63	0
DAMIETTA	320	2		01	1	3	Cu	21.6	14	8	18	-2	67	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	040	2	10	01	1	1	Cu	21.6	12	8	18	-2	67	0
MANSURA	00	0		01	1	2	Cu	21.4	13	9	18	-4	77	0
TANTA	00	0	20	01	1	3	Cu	21.9	11	7	19	-3	77	0
SHEBIN EL KOM	320	2	10	00	0	0	—	21.9	12	8	20		77	0
ZAGAZIG	00	0	10	01	1	0	—		14	8	19	-3	67	0
ISMA'ILIA														
CAIRO (A)	350	3	12	03	2	6	Sc	22.1	12	7	17	-5	77	0
CAIRO ALMAZA (A)											18	-3		
CAIRO EZBEKIYA											19	-2		
GIZA	360	8	10	03	1	7	Sc	22.0	12	8	18	-3	76	0
HELWAN	340	4	10	01	2	2	Sc, Cu	21.9	13	7	17	-3	67	0
FAYOUM	360	4	20	02	1	4	ST	21.6	13	6	18	-4	63	0
MINYA (A)	360	4	7	01	1	2	Ci	21.6	10	2	19	-3	58	0
ASYOUT (A)	270	4	12	01	1	2	Ci	21.5	12	4	19	-3	59	0
NAG' HAMADI														
QENA	220	2		02	1	0	—	18.6	14	5	21	-4	55	0
LUXOR (A)														
ASWAN	00	0	10	03	1	6	Cu	18.7	13	1	20	-5	44	0
SIWA	320	4	14	02	1	4	Sc, Cu	23.7	13	6	18	-4	63	0
BAHARIYA	360	2	10	02	2	8	Ac, As	22.8	14	7	18	-4	63	0
FARAFRA	360	3	12	01	2	7	ST	24.0	14	2	18		45	0
DAKHLA	340	5	10	02	2	2	Ci	21.9	14	3	18	-5	48	0
KHARGA	350	2	6	01	2	4	Ac	20.0	14	2	20	-4	45	0
SUEZ	360	9	10	01	0	0	—	23.8	10	8	18	-4	88	0
TOR														
HURGHADA	290	11	10	02	2	5	Ac	18.2	14	6	20	-2	59	0
QUSEIR	330	11	20	01	1	3	Ac, Cu	17.9	17	4	21	-4	42	0
PORT SUDAN	330	11	20	02	8	7	Sc	14.5	23	20	27			dr.
WADI HALFA	030	7	20	03	1	5	Cu	18.8	15	-2	20		32	0
ABU HAMAD	360	5	16	01	0	0	—	14.8	19	2	26		32	0
KAREIMA	340	3	21	02	0	0	—	16.0	19	-1	25		26	0
ATBARA	340	4	20	01	1	0		12.6	22	12	28		53	0
KHARTOUM	330	10	20	01	1	3	Ac, Ci	13.1	22	3	38		29	0
KASSALA	020	3	20	01	1	3	Ac	9.4	25	14	34		51	0
WAD MEDANI														
RENK														
ROSEIRES														
EL OBEID	060	7	20	03	2	6	Ac, Cu	12.6	20	0	27		26	0
EL FASHER	060	6	20	02	2	7	Cu	12.9	21	-4	29		18	0
GENEINA	040	7	50	02	2	0	—	13.0	19	-4	30		21	0
MALAKAL	030	6	20	01	2	6	Ac, Cu	9.6	25	13	33		48	0
WAU	360	5	20	01	2	6	Cu	9.2	23	11	32		47	0
JUBA	00	0	24	01	2	7	Ac	6.3	26	17	34		58	0

At 0600 on SATURDAY 15 DECEMBER 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOUM	290	14	12	01	5	7	Sc, Ac	23.0	+5.6	13	8	10	-1	72	dr.	51	
SIDI BARRANI	220	10	14	02	2	7	Sc	22.3		10	8	8		88	0	54	
MATRUH (A)	230	9	16	02	0	1	Sc	22.8	+4.5	9	7	7		88	4	72	
EL DAB'AA	270	5	10	00	0	6	Cu	22.2		11	9	9		88	0	50	
ALEXANDRIA	360	9	20	03	0	5	Cu	22.6	+4.0	16	8	14	+2	48	0	52	67
ALEXANDRIA (A)	00	0	12	01	2	5	Cu, Sc	22.6	+4.6	9	9	6	-2	97	0	42	51
DAMIETTA	200	2	10	01	1	2	Cu	21.9	+3.9	11	11	8	-3	97	0	91	30
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	310	2	4	02	1	5	Cu	21.9	+3.2	10	8	8	-2	88	0	46	25
MANSURA	00	0	3	03	1	5	Cu	22.4	+3.9	12	8	9	-1	77	0	31	13
TANTA	00	0	20	03	2	6	Cu	22.6	+3.6	11	7	5	-4	77	0	30	10
SHEBIN EL KOM	320	2	10	01	1	2	Cu	22.5	+3.4	12	8	9		77	0	15	
ZAGAZIG	00	0	10	02	0	0	—	21.6	+2.4	9	7	4	-4	88	0	13	8
ISMA'ILIA	220	19	20	01	0	0	—	22.2		10	8	7		88	0	10	
CAIRO (A)	260	3	10	05	0	1	Sc	22.2		11	6	8		71	0	12	
CAIRO ALMAZA (A)	00	0	15	01	0	1	Ci	22.2	+3.4	13	7	7	-3	67	0	11	
CAIRO EZBEKIYA										11	6	8	-2	71	0	11	6
GIZA	070	8	10	02		2	Sc	22.7	+3.7	10	6	7	-1	78	0	12	7
HELWAN	340	3	10	02	0	0	—	22.4	+3.0	10	5	9	-1	65	0	6	6
FAYOUM	00	0	20	02	0	0	—	23.0	+3.6	11	6	7	-1	71	0	3	1
MINYA (A)	340	6	7	01	0	2	Ac	22.3	+3.0	8	1	5	-2	62	0	dr.	
ASYOUT (A)	260	4	10	02	0	1	Ci	22.3	+2.6	8	2	6	-2	66	0	0	
NAG' HAMADI	00	0	20	00	0	7	As	20.3	+1.6	9	4	5	-3	71	0	0	
QENA	00	0	10	03	1	8	Cu	20.2	+1.5	10	6	6	-3	76	0	0	
LUXOR (A)	00	0	22	02	0	3	Ci	19.7	+1.1	11	5	7		67	0	0	
ASWAN	00	0	12	03	0	8	As	20.2	+1.8	12	3	10	-2	55	0	0	
SIWA	00	0	14	02	1	1	Ac	24.5	+4.3	7	4	6	+1	81	0	19	2
BAHARIYA	00	0	20	02	0	3	Cu	23.1	+2.9	13	8	10	+4	72	0	2	3
FARAFRA	00	0	15	03	0	3	Ci	24.7		9		7		62	0	0	
DAKHLA	270	4										5	-2			0	
KHARGA	00	0	6	03	1	8	Ac	20.6	+1.5	11	4	6	-2	63	0	0	
SUEZ	020	1	20	00	0	2	Cu	21.6	+3.3	12	8	5	-6	77	0	8	7
TOR																	5
HURGHADA	290	17	20	02	0	4	Cu, Ac	18.6	+1.7	12	5			63	0	0	
QUSEIR																0	4
PORT SUDAN																	
WADI HALFA																	
ABU HAMAD																	
KAREIMA																	
ATBARA																	
KHARTOUM																	
KASSALA																	
WAD MEDANI																	
RENK																	
ROSEIRES																	
EL OBEID																	
EL FASHER	020	4	40	02	2	7	Cu	17.8		11	-2	8		41	0		
GENEINA																	
MALAKAL																	
WAU																	
JUBA	320	1	24	01	8	6	Sc, Cu, Ac	16.6		25				54	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		Luxor		Aswan		Siwa		Farafra		Kharga		Hurghada	
DATE	15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12		15-12	
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.	300	8	360	7	30	10	360	14	340	15	250	3	350	9	300	6	350	12	360	11	340	15
600 m.	280	10	340	5	360	12	360	20	340	19	270	2	340	12	360	10	350	15	330	8	350	13
1000 m.	280	9	340	9	10	13	360	21	350	21	330	3	330	19	340	6	350	10	350	8	320	5
1500 m.	270	4	10	9	60	18	360	24	10	14	250	6	290	15	40	9	50	10			280	8
2100 m.	330	3	10	13	50	16					250	9	270	26	30	14					20	3
2400 m.	330	9	350	57	50	12					240	10	260	20	350	10					350	5
3000 m.	340	10			40	8					260	7	240	17	360	9					200	9
4000 m.	320	4			360	4									360	12					250	19
5000 m.	340	5			340	8									20	7						
6000 m.	340	9			30	10									30	14						

STATION					Cairo(A)		Minya		Asyout		Aswan		Siwa		Kharga							
DATE					16-12		16-12		16-12		16-12		16-12		16-12							
TIME					5		2		2		2		2		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.					360	14	20	27	330	10	340	11	300	12	10	18						
600 m.					30	19	30	26	360	17	320	7	320	12	350	23						
1000 m.					30	24	20	25	360	22	260	12	320	8	360	22						
1500 m.					30	22	20	33	350	18	240	14	340	10								
2100 m.					20	17					230	15	30	10								
2400 m.													10	8								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Sallouum		Alex.(A)		Cairo(A)		Helwan		Minya		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga	
DATE	16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12	
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.	340	5	290	6	350	13	360	9	360	16	330	3	280	6	350	9	350	10	350	18	360	6
600 m.	350	5	340	6	30	14	60	19	10	26	20	6	300	4	350	9	70	17	350	22	350	17
1000 m.	340	4	350	10	40	20	40	23	20	27	30	4	300	8	350	11	350	15	350	39	10	15
1500 m.			10	9	20	23	30	19	40	23	100	8	290	4	340	11	270	16			30	8
2100 m.									10	24	80	4	300	17	350	9						
2400 m.											330	7	250	15	30	4						
3000 m.											280	6	250	12	340	5						
4000 m.															320	9						
5000 m.															310	14						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	15-12					15-12														
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	70	18				25	17													
1000 mb.	188	17		50	6	199	15		290	8										
950 mb.																				
900 mb.																				
850 mb.	1543	4		60	18	1543	3		270	4										
800 mb.																				
700 mb.	3105	-2		40	8	3088	-6		340	9										
600 mb.																				
500 mb.	5673	-22		360	10	5647	-21		360	8										
400 mb.	7274	-35		20	16	7268	-29		320	11										
300 mb.	9224	-48		70	14	9228	-48		330	19										
200 mb.	11820	-57		240	34															

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 SUNDAY 16th DECEMBER, 1956

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

LIBRARY
MAY 13 1957
WEATHER BUREAU

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ....04....44.... U. T.
" " Sunset ....14....57.... U. T.

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

At 1200 on 15th

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	Temperatures °C. Dew Point	Relative Humidity %
300	12	16	02	2	7	Cu,Ac	22.1	18	8	52
300	13	18	02	2	6	Sc,Ac	21.6	18	11	64
310	5	16	02	2	4	Sc,Cu	21.9	17	10	64
00	0	10	00	0	5	Ac	20.7	18	8	52
360	9	20	02	1	5	Cu	21.8	21	8	44
360	8	16	03	2	6	Cu,Ac	20.6	19	8	49
140	2	20	03	1	4	Cu	20.7	19	9	52
90	2	10	02	1	5	Cu,Sc	21.4	17	9	60
00	0	4	03	1	6	Ci	21.0	15	9	68
00	0	20	03	2	6	Cu	21.4	18	10	60
20	5	20	01	1	3	Cu	20.6	19	9	52
00	0	20	03	2	6	Cu	19.9	19	16	83
20	7	20	02	0	0	—	21.0	19	4	37
40	6	14	03	0	4	Cu	20.6	17	6	49
30	10	15	03	0	4	Cu	20.4	18	8	52
50	8	10	03	0	5	Cu	20.8	17	9	60
360	6	20	03	0	4	Cu	20.7	17	4	42
360	6	20	02	1	3	Cu,Sc	21.1	18	6	46
10	14	10	02	1	4	Cu	20.4	18	3	37
350	12	16	02	0	4	Cu	19.2	18	2	34
00	0	10	03	2	7	Cu,Ac	18.8	17	7	52
340	5	20	02	1	6	Cs	17.9	18	3	37
00	0	22	02	2	5	Cs	17.7	18	7	49
320	5	16	02	2	8	Sc,As	17.3	18	1	32
320	6	16	03	0	2	Cu	23.4	18	6	46
360	4	20	03	2	5	Cu	22.3	18	9	56
340	4	20	01	2	4	Ci	22.7	18	0	30
340	14	11	03	1	4	Ac	20.8	17	-3	26
10	5	8	02	2	6	Ci	18.7	18	2	34
20	2	50	02	0	2	Cu	19.9	18	6	46
350	15	20	02	2	6	Cu,Ac,Ci	17.2	20	5	38
340	11	20	03	2	8	Sc,As,Ci	16.8	20	8	46
10	16	20	50	5	8	Sc	12.4	26	20	70
360	16	30	02	2	6	As,Ci	17.4	19	-3	23
340	6	24	03	0	3	Ac,Ci	11.1	17	9	60
330	6	20	03	2	7	Ac,Ci	9.0	29	13	37
340	7	20	03	2	7	Ac,Ci	7		9	
40	2	20	03	1	7	Cs	4.6	25	13	48
50	5	20	02	1	3	Cs	3.7	34	13	29
40	8	20	02	2	7	Ac,Ci	9.1	25	-1	18
50	10	20	02	2	7	Ac,Ci	6.1	33	9	23
30	7	20	02	2	7	Cs	4.9	33	10	24
50	7	24	02	2	6	Cu,Ci	4.3	34	13	29

At 1800 on 15th

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	Temperatures °C. Dew Point	Temperatures °C. Maximum Today	Temperatures °C. Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
340	4	12	02	2	7	Sc,Cu,Ac	23.0	15	8	19	-2	63	0
330	8	12	02	2	7	Sc,Ac	22.1	16	10	18		68	0
260	6	10	02	2	8	Sc,Ac	22.7	13	10	18		82	0
00	0	4	00	0	6	Ac	21.8	12	10	19		88	0
350	13	20	02	1	5	Cu,Ac	22.7	15	11	20	-1	77	0
40	5	12	02	2	7	Cu,Sc	22.3	13	11	19	-2	88	0
140	2	4	01	1	2	Sc,Ac		14	10	19	-1		0
40	2	4	01	1	5	Sc	21.0	13	11	18	-4	88	0
00	0	1	03	1	5	Cu,As	22.3	14	10	21	-1	77	0
40	2	20	03	2	7	Cu	22.2	13	11	20	-2	88	0
320	2	10	01	1	2	Cu	21.8	12	8	20		77	0
00	0	10	01	1	0	—	19.5	13	9	21	0	77	0
360	4	12	02	0	0	—	21.7	13	4	18		55	0
										20	-1		0
40	3	8	02	0	0	—	21.8	13	10	19	-2	82	0
360	3	10	01	1	0	—	21.9	13	1	17	-3	44	0
360	4	20	02	1	3	Cu,Sc	20.7	14	8	19	-3	67	0
360	6	8	01	0	0	—	21.1	11	4	19	-3	63	0
300	7	10	02	1	0	—	20.3	12	5	18	-4	63	0
00	0	4	03	2	6	Cu,Ac	18.3	12	9	18	-6	82	0
200	2		02	1	7	Ac	19.0	15	4	19	-6	48	0
00	0	10	02	2	8	Sc,As	17.4	17	2	18	-7	37	0
280	6	14	02	0	0	—	23.8	12	6	19	-3	67	0
00	0	10	02	2	5	Ac	22.5	12	7	19	-2	72	0
320	5	12	02	2	7	Sc	24.0	14	-1	19		36	0
310	4	5	01	2	7	Ci	22.2	13	-3	17	-6	34	0
340	1	5	01	1	7	Ci	19.8	13	-1	19	-5	38	0
20	3	10	01	0	0	—	20.8	15	4	17	-5	48	0
310	13	10	02	2	6	Ac,Ci	17.6	16	8	20	-2	59	0
330	6	20	01	2	7	Ac,Cc	17.3	17	6	21	-4	49	0
350	11	20	80	8	8	Ci	13.5	24	19	27		74	dz.
310	17	20	02	2	8	As,Ci	19.5	15	0	21		36	0
360	9	24	03	2	7	Ac,As	13.3	21	-4	27		18	dz.
340	10	20	03	1	7	Ac,As	14.6	21	-5	27		17	0
340	8	20	02	2	7	Ac	10.8	25	9	29		36	0
320	13	20	01	2	5	Ac,Ci	11.2	30	5	29		21	0
50	5	20	01	2	2	Ci	8.4	26	17	36		58	0
										31			0
										32			0
										34			0
340	10	20	01	2	6	Cs	11.2	21	-1	27		23	0
360	9	20	01	2	4	Ac,Cs	12.9	20	-5	27		18	0
40	8	50	03	2	6	Cs	12.8	20	-6	29		17	0
30	1	20	04	2	7	Ac,Cs	7.9	26	14	34		48	0
360	2	20	02	2	7	Cs	6.7	25	15	34		54	0
00	0	24	02	2	7	Cs	5.3	25	14	34		51	0

At 0600 on SUNDAY 16th DECEMBER, 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.	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	280	15	12	02	2	7	Ci,Ac	23.0	+5.6	12	8	11	+1	77	0	51	
	303	SÎDI BARRÂNI	270	5	14	63	6	8	Sc	22.3		12	11	10		94	14	68	
	306	MATRÛḤ (A)	220	7	16	02	2	6	Sc,Ac	22.5	+4.2	11	9	9		88	0	72	
	309	EL ḌAB'AA	00	0	10	00	0	2	Ci	21.9		13	9	10		77	2	52	
	319	ALEXANDRIA	00	0	20	02	1	5	Sc,Ac	22.8	+4.2	14	10	12	0	77	0	52	68
	318	ALEXANDRIA (A)	260	5	8	01	0	3	Cu,Sc	22.2	+4.2	9	9	6	-5	97	0	42	52
	330	DAMIETTA	270	2	4	03	6	7	Cu,Sc	21.6	+3.6	13	11	9	-2	88	1	92	31
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	270	2	10	01	1	2	Cu	22.0	+3.3	12	10	7	-3	88	0	46	26
	342	MANṢÛRA	00	0	3	01	0	3	Cu	21.9	+3.3	11	9	9	-1	88	0	31	13
	348	ṬANṬA	00	0	20	02	0	0	—	22.3	+3.3	9	9	5	-4	97	0	30	10
	360	SHEBÎN EL KÔM	320	2	10	00	0	0	—	21.5	+2.4	9	7	8		88	0	15	
	354	ZAGAZIG	00	0	10	02	0	0	—	19.9	+0.7	11	7	5	-3	77	0	13	8
	441	ISMA'ILÍA	360	1	20	01	0	0	—	21.5		11	9	9		88	0	10	
CAIRO AREA	366	CAIRO (A)	00	0	12	03	1	4	Sc	21.8		10	6	6		76	0	12	
	372	CAIRO ALMÁZA (A)	00	0	12	00	0	3	Sc,Cu	21.8	+3.0	10	6	7	-3	76	0	11	
	374	CAIRO EZBEKÎYA										11	5	8	-2	67	0	11	6
	375	GIZA	40	1	8	03		1	Cu,Ci	21.8	+2.7	10	7	6	-2	82	0	12	8
	378	ḤELWÂN	360	8	10	02	0	1	Sc	21.6	+2.2	12	8	9	-1	77	0	6	6
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0	—	22.3	+2.9	10	5	6	-2	71	0	3	1
	387	MINYA (A)	350	7	8	02	0	0	—	21.3	+1.7	7	4	5	-2	81	0	dz.	
	393	AṢYOÛṬ (A)	0:	0	5	11	0	0	—	21.1	+1.4	7	5	5	-3	87	0	0	
	399	NAG' HAMÂDI	00	0	4	01	0	1	As	19.4	+0.6	9	4	5	-3	71	0	0	
	402	QENA	00	0	10	00	0	0	—	19.9	+1.2	9	4	5	-4	71	0	0	
	405	LUXOR (A)	00	0	22			0	—	18.9	+0.2	11	5	6		67	0	0	
	414	ASWÂN	00	0	15	01	1	0	—	19.7	+1.2	12	4	8	-4	59	0	0	
OASES	417	SÎWA	00	0	16	03	0	2	As	24.3	+4.1	7	3	6	+1	76	0	19	3
	420	BAḤARÎYA	00	0	20	02	0	0	—	22.7	+2.5	9	7	5	-1	88	0	2	3
	428	FARAFRA	360	2	15	01	2	1	Cu	24.4		11	2	8		54	0	0	
	432	DAKHLA	350	4	14	01	2	2	Cu	23.0	+3.0	11	1	6	-1	51	0	0	
	435	KHARGA	00	0	10	02	0	0	—	20.0	+0.9	12	5	11	+3	63	0	0	
RED SEA	450	SUEZ	330	1	20	00	0	0	—	20.7	+2.4	11	9	5	-6	88	0	8	7
	459	TÛR																	5
	462	HURGHÂDA	300	17	22	02	0	3	Cu,Ci	17.9	+1.0	14	5	11	-1	55	0	0	
	465	QUSEIR	310	10	20	01	1	2	Cu,Ac	17.0	-0.4	18	3	14	-2	37	0	0	4
	641	PORT SÛDÂN	340	11	20	03	5	8	Sc	14.8		23	5	20		32	1		
NORTH SUDAN	600	WÂDI ḤALFA	10	10	20	01	2	4	As	20.1		10	-2	9		44	dz.		
	640	ABU ḤAMAD	360	13	24	03	1	6	Ac	15.1		16	-1	13		32	dz.		
	660	KAREIMA	350	5	21	02	1	5	Ac	16.8		13	1	10		44	0		
	680	ʿAṬBARA	50	14	20	01	2	6	Ac	13.0		19	2	17		32	dz.		
	721	KHARTOÛM	340	13	20	03	2	7	Ac,Ci	13.0		19	0	17		28	0		
	730	KASSALA	280	2	20	01	2	3	Ac,Ci	9.8		23	19	19		79	0		
CENTRAL SUDAN	751	WÂD MEDANI	360	19	20	01	1	2	Ac	12.5		20	0	14		26	0		
	801	RENK	360	9	20	02	0	0	—	13.6		20	7	16		43	0		
	802	ROSEIRES	360	2	20	02	1	0	—	12.5		25	19	19		70	0		
	771	EL OBEID	360	9	20	02	2	7	Cc	14.9		15	-11	12		16	0		
	760	EL FASHER																	
	770	GENEINA	50	14	50	01	2	4	Cs	16.6		13	-6	11		26	0		
S. SÛDÂN	840	MALAKÂL	20	15	20	04	1	4	Ci	10.1		22	19			83			
	880	WÂU																	
	941	JUBA	40	5	1	03	0	2	Ci	9.3		25	20	18		74	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		Aswan		Siwa		Dakhla	
DATE	16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12	
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.	40	7	10	5	10	5	20	7	40	15	360	29	340	27	20	3	320	7	330	6	350	26
600 m.	50	5	60	7	350	8	30	10	30	16	350	30	350	22	30	4	320	10	340	5	350	26
1000 m.	20	4	40	5	350	8	30	14	30	17	360	28	360	22	10	5	330	10	350	8	360	25
1500 m.	340	4	350	5	350	7	30	6	360	17	360	24	360	19	340	7	310	5	360	8	40	3
2100 m.	340	4	360	5	340	5	100	6	10	14	10	17	360	21	320	3	280	10	330	4		
2400 m.	180	2	360	2	360	5	50	5	20	10	10	13			110	5	260	16	360	12		
3000 m.	200	4	360	6	340	6	50	9	340	9	120	3					250	10				
4000 m.	350	6			350	3	350	5	260	16	320	5										
5000 m.	30	12			360	7	330	8	230	9	280	7										
6000 m.	350	10							30	20	270	16										

STATION	Kharga		Hurghada						Cairo(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga	
DATE	16-12		16-12						17-12		17-12		17-12		17-12		17-12		17-12		17-12	
TIME	14		13						5		2		2		4		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.	360	14	340	21					40	17	350	12	320	7	10	14	320	15	360	10	10	12
600 m.	360	18	340	19					40	18	340	11	340	14	40	12	330	10	20	16	10	20
1000 m.	10	25	320	15					40	14	350	8	330	16	40	10	340	7	10	23	10	24
1500 m.	360	28	280	21							10	8	350	17	220	5	360	5	20	26		
2100 m.			300	8													30	4				
2400 m.			320	21													30	7				
3000 m.			340	7													80	6				
4000 m.			270	8																		
5000 m																						
6000 m.																						

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada		Farafra	
DATE	17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12	
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.	110	10	40	16	20	10	320	3	360	1	30	3	350	1	360	10	10	9	320	12	20	9
600 m.	100	16	40	22	40	11	10	7	10	5	60	10	350	5	20	15	10	18	350	6	20	11
1000 m.			40	20	20	13	50	5	10	4	40	5	340	8	10	19	40	9	330	3	10	14
1500 m.			50	18	30	18	30	4	80	4	60	10	350	6	20	13	50	5	320	8	30	14
2100 m.					80	11	220	5	30	4	230	5	320	7			20	10	20	5	30	8
2400 m.					320	8	190	6	340	4	220	5	40	5			10	18	10	10	320	2
3000 m.					240	10			360	4			50	8					90	3	260	8
4000 m.													340	6					280	17	270	17
5000 m.													260	11							270	19
6000 m.													280	13								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	16-12					16-12														
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	18				25	17													
1000 mb.	180	17		70	12	189	15		20	5										
950 mb.																				
900 mb.																				
850 mb.	1539	6		360	17	1536	3		350	6										
800 mb.																				
700 mb.	3103	-2		340	9	3090	-4		340	6										
600 mb.																				
500 mb	5672	-22		360	17															
400 mb.	7266	-36		280	17															
300 mb.	9203	-50		280	22															
200 mb.	11800	-57		270	36															

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 DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 45 U.T. / " " Sunset 14 58 U.T.

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

At 1200 on 16 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. °C Dry Bulb	Temp. °C Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	090	2	16	03	1	5	Cu, Sc	21.6	19	10	56
	303	SÎDI BARRÂNI	350	1	18	02	6	4	Cb	21.4	17	12	72
	306	MATRÛḤ (A)	320	8	16	01	2	3	Cu	21.6	17	11	68
	309	EL ḌAB'AA	340	4	20	00	0	4	Ci	21.5	17	11	66
	319	ALEXANDRIA	360	9	20	03	5	6	Sc	21.4	18	10	60
	318	ALEXANDRIA (A)	350	9	14	01	2	4	Cu, Sc	21.2	19	10	56
	330	DAMIETTA	090	5	20	01	1	2	Cu	20.6	18	10	60
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	040	2	10	66	1	7	Cu, Sc	20.7	18	10	60
	342	MANṢÛRA	00	0				5	Cb	20.8	19	12	64
	348	ṬANṬA	360	9	20	03	6	6	Cu	20.4	16	12	77
	360	SHEBÎN EL KÔM	340	5	20	01	1	4	Sc	20.2	19	7	46
	354	ZAGAZIG	00	0	20	01	1	2	Sc, Cu	19.6	19	14	73
	441	ISMA'ILÎA	020	3	20	01	0	0	—	20.0	18	14	78
Cairo Area	366	CAIRO (A)	030	8	12	02	2	4	Cu	19.7	18	8	52
	372	CAIRO ALMÂZA (A)	020	15	16	02	0	4	Cu	19.4	18	7	49
	374	CAIRO EZBEKÎYA											
	375	GIZA	050	9	10	01	0	3	Cu	20.0	18	11	64
	378	ḤELWÂN	360	8	20	02	1	6	Cu	19.9	18	6	44
Upper Egypt	381	FAYOÛM	360	[illegible]	20	02	1	4	St	20.2	19	7	46
	387	MINYA (A)	010	6	8	02	0	2	Cu	19.3	19	6	43
	393	AṢYOÛṬ (A)	350	8	20	02	0	0	—	18.3	19	3	25
	399	NAG' ḤAMÂDI	00	0	10	03	2	1	Cu, Ac	17.2	20	6	41
	402	QENA	00	0	20	00	0	0	—	16.6	20	6	41
	405	LUXOR (A)	340	6	22	02	0	0	—	15.3	21	8	44
	414	ASWÂN	340	7	[illegible]	02	0	0	—	15.7	20	-1	24
Oases	417	SÎWA	280	11	16	02	0	2	Cu	22.3	19	7	46
	420	BAḤARÎYA	360	7	20	02	2	6	Cu	20.7	19	10	56
	423	FARAFRA	340	3	20	03	0	2	Cu	22.0	18	1	32
	432	DAKHLA	340	15	12	03	1	2	Cu	19.8	18	3	37
	435	KHARGA	350	4	20	02	0	0	—	17.4	19	-1	26
Red Sea	450	SUEZ	330	2	50	02	0	0	—	18.8	20	-6	17
	459	TÔR											
	462	HURGHÂDA	350	19	22	02	0	1	Sc	15.5	21	-4	18
	465	QUSEIR	330	15	20	02	0	2	Sc, Cu	15.8	22	11	50
	641	PORT SÛDÂN	360	17	15	01	5	7	Sc	12.6	25	2	22
North Sudan	600	WÂDI ḤALFA	360	14	20	02	0	2	Ac	17.0	20	-3	21
	640	ABU ḤAMAD	360	9	24	02	2	7	Ac, As	12.2	24	1	22
	660	KAREIMA	360	3	21	01	2	4	Ac	13	24	1	22
	680	'AṬBARA	350	10	20	02	2	7	Ac	8.3	29	13	37
	721	KHARṬOÛM	330	13	20	01	1	2	Ac	8.8	28	11	35
	730	KASSALA	070	2	20	01	0	1	Ac	4.7	33	15	34
Central Sudan	751	WÂD MEDANI	360	9	20	00	0	1	Ci	7.3	30	12	33
	801	RENK											
	802	ROSEIRES	320	5	20	02	0	6	Ci	3.8	32	16	36
	771	EL OBEID	020	12	20	01	1	2	Ac, Ci	8.2	26		
	760	EL FASHER	020	11	24	03	1	4	Ci	11.0	24		
	770	GENEINA	050	12	30	03	1	4	Ci	11.0	25	-8	11
S. Sûdân	840	MALAKÂL	020	12	20	02	2	7	Cs	5.8	34	8	20
	880	WÂU	030	3	20	02	2	7	Cs	5.2	31	5	19
	941	JUBA	090	3	24	02	1	5	Cu	1.9	36	13	25

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.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	080	2	14	03	1	5	Sc	22.4	17	9	20	-1	60	0
SÎDI BARRÂNI	040	5	15	23	1	1	Cu	22.0	16	12	19		77	Rain
MATRÛḤ (A)	260	3	10	23	2	5	Cc	22.5	14	9	18		72	0
EL ḌAB'AA	00	0	4	00	0	0	—	22.7	13	0	20		77	0
ALEXANDRIA	00	0	20	0[illegible]	1	2	Sc	[illegible]	15	11	19	-1	77	dr
ALEXANDRIA (A)	050	4	12	02	0	4	Sc	21.8	12	11	19	-1	94	0
DAMIETTA	090	2	4	02	1	2	Cu	21.1	14	12	18	-2	88	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	040	2	10	01	6	4	Cu	21.2	14	12	18	-4	88	1
MANṢÛRA	00	0		01	1	3	Cu	21.5	13	9	20	-2	77	0
ṬANṬA	360	2	20	02	0	0	—	21.0	11	11	20	-2	97	dr.
SHEBÎN EL KÔM	020	2	10	01	1	2	Sc	21.1	12	8	20		77	0
ZAGAZIG	00	0	10	01	1	0	—	20.6	12	10	20	-1	88	0
ISMA'ILÎA														
CAIRO (A)	040	3	12	01	1	0	—	21.1	11	9	19		88	
CAIRO ALMÂZA (A)											18	-3		
CAIRO EZBEKÎYA											20	-1		
GIZA	050	3	8	02	0	0	—	21.5	12	11	19	-2	97	0
ḤELWÂN	00	0	10	01	0	0	—	21.0	13	1	18	-2	77	0
FAYOÛM	360	4	20	02	1			20.4	14	10	19	-3	77	0
MINYA (A)	360	6	7	02	0	0	—	20.1	10	4	19	-3	67	0
AṢYOÛṬ (A)	290	4	12	02	0	0	—	20.2	12	6	19	-3	67	0
NAG' ḤAMÂDI	00	0		00	0	0	—	18.3	11	7	22	-2	77	0
QENA	22[illegible]	4		00	0	0	—	17.8	14	3	22	-2	48	0
LUXOR (A)											22			
ASWÂN	00	0	12	02	0	0	—	17.6	14	2	22	-3	45	0
SÎWA	290	4	14	01	0	1	Sc, Cu	22.5	13	8	20	-2	72	0
BAḤARÎYA	360	1	10	02	2	0	—	21.8	12	7	20	-1	72	0
FARAFRA	360	3	12	00	1	0	—	23.2	13	0	19		41	0
DAKHLA	310	5	5	02	1	0	—	21.1	13	1	19	-4	44	0
KHARGA	00	0	8	04	0	0	—	19.2	14	1	20	-4	42	0
SUEZ	330	2	10	02	0	0	—	20.4	12	4	20	-2	59	0
TÔR														
HURGHÂDA	320	19	10	02	0	0	—	17.8	15	4	21	-1	48	0
QUSEIR	310	7	20	01	0	1	As	16.7	18	8	22	-2	52	0
PORT SÛDÂN	320	10	20	13	2	7	Sc	14.2	23	18	27		74	dr
WÂDI ḤALFA	340	10	20	01	0	0	—	18.6	14	0	21		39	0
ABU ḤAMAD	340	5	30	02	8	7	Ac, As	15.4	19	1			30	0
KAREIMA														
'AṬBARA	350	12	20	25	8	6	Ac, Ci	11.9	23	8	30		38	dr.
KHARṬOÛM	360	13	20	01	1	2	Ac, Ci	11.6	24	3	29		26	0
KASSALA	070	6	20	02	0	1	Ac	8.1	27	15	33		48	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	340	8	20	02	1	4	Ac, Ci	11.9	20	-2	26		23	0
EL FASHER	020	5	20	03	2	7	Cs	12.8	19	0	25		28	0
GENEINA	040	8	50	0[illegible]	2	5	Cs	13.6	19	-1	26		26	0
MALAKÂL	040	5	20	02	2	7	Ac, Ci	8.3	25	11	33		42	0
WÂU														
JUBA	00	0	24	02	0	7	Ac	4.6	26	17	37		58	0

At 0600 on MONDAY 17TH DECEMBER 1956

Station	Wind Direction Deg.	Wind Velocity in 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
SALLOÛM	02	0	10	80	8	8	Cb, As	22.8	+5.4	12	10	12	+2	88	7	58	
SÎDI BARRÂNI	00	0	15	20	5	7	Cu, Sc	22.1		12	11	10		94	4	72	
MATRÛḤ (A)	210	9	16	02	2	6	Sc, Cu, Ac	22.3	+4.0	11	8	9		82	0	72	
EL ḌAB'AA	00	0	10	00	0	5	Ac	22.3		9	6	8		82	0	52	
ALEXANDRIA	00	0	10	03	4	7	Cu, Sc, Ac	22.4	+3.8	14	10	13	+1	74	dr	52	69
ALEXANDRIA (A)	00	0	12	02	2	7	Cu, Sc	22.8	+4.8	14	12	10	-1	88	0.2	42	63
DAMIETTA	020	2	4	02	1	7	Sc	22.3		15	9	11	+1	68	0	92	31
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	040	2	10	01	0	3	Ac	22.4	+3.7	12	10	9	-1	88	1	47	26
MANṢÛRA	040	3	3	03	1	7	Sc, Cu	22.2	+3.6	13	3	10	+1	51	0	31	13
ṬANṬA	00	0	20	02	0	0	—	22.6	+3.5	9	7	4	-4	88	dr	30	11
SHEBÎN EL KÔM	020	2	10	00	0	0	—	21.9	+2.8	11	7	8		77	0	15	
ZAGAZIG	00	0	10	03	1	7	Cu	21.2	+2.0	10	8	6	-2	88	0	13	8
ISMA'ILÎA	00	2	20	02	3			21.9		13							
CAIRO (A)	00	0	6	02	0	3	Sc	22.3		9	8	7		94	0	12	
CAIRO ALMÂZA (A)	00	0	3.5	05	0	0	—	22.3	+3.5	10	8	7	-3	88	0	11	
CAIRO EZBEKÎYA										10	8	8	-2	88	0	11	6
GIZA	360	1	<0.1	43		9		22.0	+2.9	7	7	7	-1	79	0	12	8
ḤELWÂN	020	8	10	02	4	0	—	22.3	+2.9	11	7	8	-2	55	0	6	6
FAYOÛM	360	4	20	02	0	0	—	22.2	+2.8	12	10	8	-2	88	0	3	1
MINYA (A)	340	5	0.1	44	4	9		22.1	+2.6	7	4	3	-4	81	0	dr	
AṢYOÛṬ (A)	290	3	1	43	4	9		22.1	+2.3	7	6	6	-2	94	0	0	
NAG' ḤAMÂDI	00	0	3	01	0	3	Ac	21.1	+2.2	8	6	5	-3	88	0	0	
QENA	270	4	10	00	0	0	—	21.2	+2.5	9	4	5	-4	71	0	0	
LUXOR (A)	00	0	22			0	—	20.6	+1.8	8	3	3		71	0	0	
ASWÂN	00	0	15	02	0	0	—	18.6	0.0	12	0	5	-7	44	0	0	
SÎWA	00	0	16	03	0	1	Cc	23.2	+2.9	8	5	7	+2	82	0	19	3
BAḤARÎYA	360	1	20	02	0	0	—	23.9	+3.7	8	6	5		88	0	2	3
FARAFRA	00	0	13	02	0	0	—	24.1		8	3	5		71	0	0	
DAKHLA	290	5	14	02	0	1	Cu	22.6	+2.5	9	2	6	-1	62	0	0	
KHARGA	00	0	16	02	0	0	—	20.4	+1.3	9	4	6	-2	71	0	0	
SUEZ	330	1	20	00	0	2	Cu	19.9	+1.5	12	8	7	-4	77	0	8	7
TÔR																	
HURGHÂDA	290	14	20	02	0	1	Cu	19.4	+2.4	13	2	8	-4	48	0	0	
QUSEIR	290	7	20	02	0	1	Cu	18.6	+1.1	16	3	12	-4	42	0	0	4
PORT SÛDÂN	340	12	20	60	2	7	Sc, Ac, As	15.2		23	18	21		74	0.4		
WÂDI ḤALFA	030	4	20	03	0	1	Ci	20.6		8	-1	4		54	0		
ABU ḤAMAD	360	9	24	01	1	1	Ac	16.3		15	-3	13		30	dr		
KAREIMA	350	2	21	03	0	1	Ci	17.6		12	-1	9		41	0		
'AṬBARA	350	10	20	03	0	3	Ac, Ci	14.2		19	1	15		30	dr		
KHARṬOÛM	360	13	20	03	1	7	Ac, Cs	15.2		16	0	15		34	0		
KASSALA	070	3	20	03	1	6	Ac, Cs	11.2		23	15	20		20	0		
WÂD MEDANI	360	13	20	02	1	6	Ac	14.5		19	2	15		32	0		
RENK	310	9	20	02	1	5	Ac	14.8		21	5	18		35	0		
ROSEIRES	310	5	20	03	1	3	Ac	11.7		22	9	20		44	0		
EL OBEID	010	9	20	02	2	3	Ac, Cs	15.9		15							
EL FASHER	030	3	20	02	2	7	Cs	19.1		11	-1	9		44	0		
GENEINA	050	11	50	02	2	7	Cs	18.3		12	-3	11		36	0		
MALAKÂL	040	17	20	01	2	1	Ac, Cs	11.8		23	4	21		29	0		
WÂU	020	5	20	02	2	0	—	11.0		20	14	17		69	0		
JUBA	360	7	24	03	2	7	Cs	9.4		26	15	18		51	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex.(A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga		Hurghada	
DATE	17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12	
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.	40	11	70	14	350	15	310	9	30	3	310	10	280	10	300	10	350	11	10	12	360	9
600 m.	70	11	70	14	10	14	350	10	30	3	290	11	290	8	350	10	340	11	360	20	340	10
1000 m.	110	11	70	7	10	12	360	13	40	2	60	10	310	9	350	10	360	12	350	12	310	9
1500 m.	140	8			20	7	270	3	330	3	190	3	300	7	10	14	20	13	340	10	260	8
2100 m.	130	5			270	3	260	8	340	5			350	10	340	7	60	6	140	4	270	1
2400 m.	180	4					260	8	300	3			350	8			330	10	270	3	330	7
3000 m.	210	9					250	10					30	4					210	4	320	8
4000 m.	270	12					260	16					20	5					220	7		
5000 m.	260	9					250	21					300	10					250	26		
6000 m.	260	15					250	23					300	13					250	20		

STATION			Cairo(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga							
DATE			18-12		18-12		18-12		18-12		18-12		18-12		18-12							
TIME			5		2		2		2		2		5		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.			70	4	10	20	310	10	350	11	380	13	360	9	360	8						
600 m.			50	9	360	23	310	11	30	6	320	13	360	14	350	16						
1000 m.			50	17	20	11	340	9	150	6	300	17	360	20	350	22						
1500 m.			30	17	320	8	270	5	190	9	320	17	340	21	340	17						
2100 m.			10	8	340	10	190	10			320	14			50	3						
2400 m.			70	5	320	4																
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga					
DATE	18-12		18-12		18-12		18-12		18-12		18-12		18-12		18-12		18-12					
TIME	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	7	360	11	290	9	60	3	350	11	360	19			320	12	360	3				
600 m.	40	5	360	22	330	10	290	3	330	7	360	15			350	14	360	12				
1000 m.	30	9	350	9	330	13	210	4	260	5	360	13			350	19	10	21				
1500 m.	40	14	340	6	30	3	190	11	190	11					330	28	10	9				
2100 m.	40	10	250	5	210	13	170	8	220	10												
2400 m.	340	6	210	7	230	16	160	15	230	13												
3000 m.			210	16	240	17	160	11	240	18												
4000 m.			230	29	250	30																
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Matruh																					
DATE	17-12																					
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	14																				
1000 mb.	188	13		30	14																	
950 mb.																						
900 mb.																						
850 mb.	1531	3		140	8																	
800 mb.																						
700 mb.	3081	-5		210	9																	
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 DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 45 U.T. / " " Sunset 14 58 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 ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %
62300 SALLOUM	320	4	10	63	6	8	Cu,Sc,Ac	22.3	14	11	82
303 SIDI BARRANI	050	18	18	02	2	7	Cu,Ac	21.1	16	13	82
306 MATRUH (A)	050	13	16	58	6	7	Sc,Ac	21.0	16	11	72
309 EL DABAA	160	4	20	00	0	6	Cu	22.2	19	9	52
319 ALEXANDRIA	040	9	20	01	1	2	Cu,Ac	22.0	17	9	60
318 ALEXANDRIA (A)	080	7	12	02	2	6	Sc,Cu	21.6	18	9	56
330 DAMIETTA	020	5	20	01	1	3	Cu	21.1	17	7	52
333 PORT SA'ID (A)											
336 EL 'ARISH											
339 DAMANHUR	040	5	10	03	1	5	Cu	21.9	18	8	52
342 MANSURA	040	5	4	01	1	3	Cb	21.6	17	7	52
348 TANTA	090	9	20	01	1	4	Cu	22.8	18	6	46
360 SHEBIN EL KOM	340	6	20	01	1	2	Cu	20.7	18	3	37
354 ZAGAZIG	040	1	20	02	2	6	Cu	19.9	17	17	97
441 ISMA'ILIA	020	8	20	03	2	8	As	19.6	18	4	40
366 CAIRO (A)	030	10	16	02	2	5	Sc	20.2	18	5	43
372 CAIRO ALMAZA (A)	030	15	20	01	2	4	Sc,Cu	19.8	18	3	37
374 CAIRO EZBEKIYA											
375 GIZA	040	7	10	03	2	6	Cu,As	20.8	17	7	52
378 HELWAN	020	13	50	01	0	3	Sc,Cu	20.4	17	4	42
381 FAYOUM	360	4	20	03	1	4	Cu,Sc	20.3	18	7	49
387 MINYA (A)	010	12	8	02	0	0	—	19.6	19	6	43
393 ASYOUT (A)	290	4	14	02	0	0	—	19.5	17	5	46
399 NAG' HAMADI	00	0	10	01	0	2	Ac	18.6	20	8	46
402 QENA	270	2	20	00	0	0	—	18.0	19		37
405 LUXOR (A)	350	4	22	02	0	0	—	17.4	21	8	44
414 ASWAN	360	6	16	02	0	0	—	16.7	22	4	31
417 SIWA	280	8	16	02	1	2	Cu	22.0	19	9	52
420 BAHARIYA	360	3	20	02	2	6	Cu	1	18	10	60
423 FARAFRA	010	4	20	03	0	4	Cu	22.1	18	4	40
432 DAKHLA	340	12	14	02	1	3	Cu	20.3	18	3	37
435 KHARGA	350	1	20	03	0	1	Ci	18.4	21	0	25
450 SUEZ	360	3	50	03	0	5	Cu	19.9	18	8	52
459 TOR											
462 HURGHADA	350	10	22	02	0	1	Cu	17.3	21	6	38
465 QUSEIR	340	9	20	03	0	1	Cu,Ac	17.2	22	8	41
641 PORT SUDAN	010	16	16	07	1	6	Sc,Ac,Cb	13.3	26	22	79
600 WADI HALFA	350	7	20	02	0	1	Ac	17.4	20	-3	21
640 ABU HAMAD	340	5	40	02	0	1	Ci	12.4	27	9	33
660 KAREIMA	340	2	21	02	0	1	Ci	13.6	25	3	24
680 ATBARA	350	7	20	03	1	7	Ac,Cb	10.1	29	11	33
721 KHARTOUM	310	8	20	02	2	7	Cu,Sc,Cb	11.0	28	10	33
730 KASSALA	090	4				7	Cb		33	14	32
751 WAD MEDANI	360	5	20	02	1	7	Cb	8.8	30	14	38
801 RENK	360	9	20	02	1			10.3	29	12	35
802 ROSEIRES	310	5	20	02	0	4	As	9.0	30	12	33
771 EL OBEID	050	10	20	02	2	7	Ac,Ci	10.8	25	5	28
780 EL FASHER	050	7	20	02	2	7	Cb	12.3	24	-1	19
770 GENEINA	060	10	70	01	2	6	Cb	12.2	25	-6	13
840 MALAKAL	010	21	20	03	2	7	Ac,Cb	7.8	31	10	28
880 WAU	050	7	20	01	2	6	Cb	6.5	32	9	24
941 JUBA	090	8	20	02	2	6	Cu,Ci	3.5	36	11	22

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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOUM	050	4	10	02	2	1	Cu	22.0	15	11	18	-3	77	38
303 SIDI BARRANI	050	20	12	20	5	7	Cu,Sc	21.7	14	10	17		77	0.2
306 MATRUH (A)	040	19	12	02	6	4	NS	21.8	13	11	20		88	22
309 EL DABAA	160	2	4	00	0	7	Cu	21.6	14	7	21		77	0
319 ALEXANDRIA	040	9	20	01	1	5	Cu,Ac	21.4	14	8	20	0	67	0
318 ALEXANDRIA (A)	00	0	12	01	2	6	Cu,Sc	21.7	13	9	19	-1	77	0
330 DAMIETTA	340	2	4	01	1	1	Cu	21.2	15	9	17	-3	68	0
333 PORT SA'ID (A)														
336 EL 'ARISH														
339 DAMANHUR	040	2	4	02	1	7	Cu	21.5	14	10	19	-2	77	0
342 MANSURA	00	0		00	0	0	—	21.5	13	7	20	-1	67	0
348 TANTA	00	0	20	02	0	0	—	20.9	9	7	19	-3	88	0
360 SHEBIN EL KOM			10	00	0	0	—	20.7	13	7	18		67	0
354 ZAGAZIG	00	0	10	01	1	0	—	19.6	11	9	19	-2	88	0
441 ISMA'ILIA														
366 CAIRO (A)	030	3	12	02	1	0	—	20.7	11	7	18		77	0
372 CAIRO ALMAZA (A)											18	-2		
374 CAIRO EZBEKIYA											20	-1		
375 GIZA	020	3	10	01	1	0	—	20.6	12	7	19	-2	72	0
378 HELWAN	020	6	10	02	0	0	—	20.7	13	7	18	-2	67	0
381 FAYOUM	360	4				0	—	19.9	13	7	19	-3	67	0
387 MINYA (A)	360	7	7	02	0	2	Ci	19.6	10	4	19	-2	67	0
393 ASYOUT (A)	240	3	10	01	1	2	Ci	19.2	12	6	18	-4	67	0
399 NAG' HAMADI	00	0		01	0	2	As	18.7	10	6	22	-1	76	0
402 QENA	270	2	5	03	1	0	—	17.8	13	13	22	-2	55	0
405 LUXOR (A)											23			
414 ASWAN	00	0	10	03	2	6	Cb	16.8	16	5	23	-2	49	0
417 SIWA	320	5	14	03	1	3	Sc,Cb	21.3	14	8	20	-1	67	0
420 BAHARIYA	360	1	10	02	2	4	Ac	21.1	13	8	20	-1	72	0
423 FARAFRA	360	2	12	03	0	8	Ac	21	14	6	19		59	0
432 DAKHLA	290	4	5	03	2	5	Ac	20.3	14	-1	19	-4	36	0
435 KHARGA	00	0	8	01	2	3	Ci	19.2	11	2	21	-3	54	0
450 SUEZ	020	2	20	01	0	0	—	20.0	13	7	17	-5	67	0
459 TOR														
462 HURGHADA	310	16	10	00	0	0	—	16.5	16	8	22	0	59	0
465 QUSEIR	300	2	20	03	0	3		17.6	17	7	22	-2	52	0
641 PORT SUDAN	330	13	20	02	2	7	Sc	14.8	23	20	27		48	0
600 WADI HALFA	360	6	20	02	1	7	Ci	17.8	14	-2	21		34	0
640 ABU HAMAD	360	5	20	02	0	7	Ci	13.5	21	1	27		27	0
660 KAREIMA	320	4	21	02	1	0	—	15.0	19	0	26		28	0
680 ATBARA	310	3	20	01	2	7	Ac,Cb	12.1	23	10	29		44	0
721 KHARTOUM	340	13	20	02	2	7	Ac,Cb	12.8	23	6	29		34	0
730 KASSALA														
751 WAD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID	360	7	20	02	2	7	Ac,Cb	12.6	19	5	25		40	0
780 EL FASHER	070	6	20	02	2	7	Cb	13.2	20	-1	25		24	0
770 GENEINA	020	7	50	01	2	1	Ci	13.1	19	0	27		28	0
840 MALAKAL	010	5	20	01	2	7	Cb	10.1	25	14	32		51	0
880 WAU	350	4	20	01	2	7	Ac	8.7	26	0	33		37	0
941 JUBA														

At 0600 on THURSDAY 18TH DECEMBER 1956

Station	Wind Direction Deg.	Wind Velocity in 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 (mms.)
62300 SALLOUM	00	0	14	01	2	5	Sc,Cu,As	20.5	+3.1	13	9	11	+1	77	44	102	
303 SIDI BARRANI	360	4	15	50	5	8	Cu,Sc	20.2		12	9	10		82	7	79	
306 MATRUH (A)	100	1	16	02	2	7	ST	19.9	+1.5	12	9	11		82	24	96	
309 EL DABAA	040	3	20	02	0	8	Cu	19.0		12	10	9		88	14	66	
319 ALEXANDRIA	040	6		60	6	9		20.0	+1.4	12	10	11	-1	88	1	53	69
318 ALEXANDRIA (A)	060	5	5	81	8	8	Cb	19.5	+1.5	12	10	11	0	88	3	45	53
330 DAMIETTA	020	2	4	03	1	4	Cu	19.2	+1.2	14	10	11	+1	77	0	92	23
333 PORT SA'ID (A)																	
336 EL 'ARISH																	
339 DAMANHUR	360	2	10	03	0	3	Cs	19.2	+4.5	12	8	8	-1	77	0	47	26
342 MANSURA	00	0	3	03	1	6	Sc,Cu	18.6	0.0	12	8	10	+1	77	0	31	13
348 TANTA	00	0	20	03	1	7	Cu	19.6	+0.5	9	7	4	-4	88	0	30	11
360 SHEBIN EL KOM																	
354 ZAGAZIG																	
441 ISMA'ILIA	250	2	20	02	3	7	Ac	19.1		9	7	6		88	0	10	
366 CAIRO (A)	00	0	5	05	0	4	Ci	19.1		8	7	6		94	0	12	
372 CAIRO ALMAZA (A)	00	0	4	05	0	6	Ci	18.9	+0.1	9	6	7	-3	83	0	11	
374 CAIRO EZBEKIYA										10	6	8	-2	76	0	11	10
375 GIZA	010	2	1	60		7	Cs	19.4	+0.2	8	7	5	-3	94	0	12	8
378 HELWAN	00	0	4	01	4	8	Ci	19.2	-0.2	9	7	7	-3	65	0	6	10
381 FAYOUM	360	4	20	03	2	5	ST	18.8	-0.6	11	7	7	-1	77	0	3	8
387 MINYA (A)	340	5	5	02	2	7	As	19.1	-0.4	7	4	5	-2	81	0	0	
393 ASYOUT (A)	350	5	5	02	2	8	Ac,As	18.9	-0.9	8	4	7	-1	76	0	0	
399 NAG' HAMADI	00	0	4	01	0	5	As,Cs	18.8	-0.2	10	6	5	-2	76	0	0	
402 QENA	270	2	10	03	1	3	Ci	18.4	-0.3	11	13	6	-3	77	0	0	
405 LUXOR (A)	00	0	20			4	Ci	16.3	2.5	8	3	6		71	0	0	
414 ASWAN	00	0	12	02	2	8	Sc	17.3	-1.4	13	0	12	0	41	0	0	
417 SIWA	350	9	14	02	2	7	ST	20.1	-0.2	12	9	10	+5	82	0	19	5
420 BAHARIYA	00	0	20	02	2	7	Ac,As	19.5	-0.7	8	4	5	-1	76	0	2	6
423 FARAFRA	00	0	15	02	2	7	Sc	21.6		10	4	8		67	0	0	
432 DAKHLA	00	0	12	01	2	4	NS,Ac	20.0	-0.2	11	4	7	+1	63	0	0	
435 KHARGA	00	0	8	01	2	5	Ac	18.3	-0.9	9	5	8	0	76	0	0	
450 SUEZ	020	1	20	00	0	6	Cu	18.4	-0.1	8	6	8	-3	88	0	8	11
459 TOR																	
462 HURGHADA	280	15	22	02	2	7	Cu,As	16.9	-0.1	15	3	12	0	45	0	0	
465 QUSEIR	270	7	20	03	0	6	St,As,Cb	16.3	-1.2	16	8	15	-1	59	0	0	4
641 PORT SUDAN																	
600 WADI HALFA																	
640 ABU HAMAD																	
660 KAREIMA																	
680 ATBARA																	
721 KHARTOUM																	
730 KASSALA																	
751 WAD MEDANI																	
801 RENK																	
802 ROSEIRES																	
771 EL OBEID																	
780 EL FASHER																	
770 GENEINA																	
840 MALAKAL																	
880 WAU																	
941 JUBA																	

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada					
DATE	18-12		18-12		18-12		18-12		18-12		18-12		18-12		18-12		18-12					
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.	330	5	360	11	320	13	260	9	330	7	330	10	360	17	330	11	350	5				
600 m.	310	5	340	12	330	17	260	16	290	9	330	11	360	17	330	13	350	15				
1000 m.	310	5	320	13	320	17	260	17	250	11	340	10	360	16	330	17	300	6				
1500 m.	330	6	310	17	320	14	280	14	230	13	340	15			360	8	230	12				
2100 m.	320	6	340	14	310	11	330	3	220	24	340	13					230	16				
2400 m.	290	5	350	8	260	13	300	5			320	12					230	24				
3000 m.	230	9	280	9			310	9			320	15					230	23				
4000 m.	230	17									320	18										
5000 m.	250	23									280	19										
6000 m.	240	31																				

STATION	Cairo(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga									
DATE	19-12		19-12		19-12		19-12		19-12		19-12		19-12									
TIME	5		2		3		2		2		5		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.	270	6	140	6	260	14	300	7	280	14	310	15	270	2								
600 m.	310	13	150	6	280	12	300	16	270	14	320	17	260	5								
1000 m.			140	9	230	8	310	20	270	16	300	9	50	18								
1500 m.			150	17	270	15	270	15	270	18	310	21	280	15								
2100 m.							250	23	280	15												
2400 m.							260	23	290	17												
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada					
DATE	19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12					
TIME	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.	200	26	190	5	280	6	270	7	320	3	310	14	300	16	300	5	300	13				
600 m.	210	21	210	4	280	10	280	11	320	10	300	20	300	14	320	12	300	12				
1000 m.					280	11	300	11			310	17	280	15	320	15	300	17				
1500 m.					290	13	280	12	330	11	300	28	300	21	290	15	280	13				
2100 m.					250	10	300	32	240	23	290	23	300	17			280	18				
2400 m.					260	12	290	27	240	21	300	21					270	11				
3000 m.					270	22	290	14	240	37	300	31										
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																				
DATE	18-12																				
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	17																		
1000 mb.	138	16		320	4															
950 mb.																				
900 mb.																				
850 mb.	1486	3		330	6															
800 mb.																				
700 mb.	3026	-7		230	9															
600 mb.																				
500 mb.	5576	-22		230	31															
400 mb.	7177	-35		250	45															
300 mb.	9121	-51		250	52															
200 mb.	11740	-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 19th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise ..... 04.46 ..... U.T.
" " Sunset ..... 14.59 ..... 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 %
MEDITERRANEAN	62300	SALLOÛM	00	0	14	01	6	7	Ch,Ac,Ci	18.9	15	9	68
	303	SÎDI BARRÂNI	40	10	15	95	9	8	Cu,Sc	17.6	15	10	72
	306	MATRÛḤ (A)	320	10	16	65	6	8	St	17.4	12	10	88
	309	EL ḌAB'AA	00	0	10	01	2	7	Cu	16.5	15	9	68
	319	ALEXANDRIA	270	10	10	60	6	7	Ch	17.0	14	10	77
	318	ALEXANDRIA (A)	300	6	12	02	2	8	Cu,As	16.4	15	10	72
	330	DAMIETTA	20	5	10	03	6	6		15.9	16	10	68
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	290	5	4	03	1	7	Cu,Sc	16.2	15	11	77
	342	MANṢÛRA	00	0	4	03	1	6	Sc,Cu	15.6	20	8	46
	348	ṬANṬA	270	1	20	03	2	6	Cu	16.4	18	8	52
	360	SHEBÎN EL KÔM	250	5	20	01	1	3	Sc	16.4	18	6	46
	354	ZAGAZIG	00	0	10	03	2	7	Cu	16.2	15	11	77
	441	ISMA'ILÎA	20	3	20	02	1	5	Ac	16.3	18	6	46
CAIRO AREA	366	CAIRO (A)	280	3	16	02	2	6	Cu	15.1	18	8	52
	372	CAIRO ALMÂZA (A)	340	4	15	02	2	7	Cu,Ci	15.3	17	7	52
	374	CAIRO EZBEKÎYA											
	375	GIZA	10	3	10	02	2	6	Ci	16.0	17	9	60
	378	ḤELWÂN	00	0	10	01	2	6	Cu,Ci	15.4	16	5	49
UPPER EGYPT	381	FAYOÛM	360	4	20	02	2	5	Sc	16.0	17	7	52
	387	MINYA (A)	360	5	7	02	2	4	Ac,As	15.9	18	6	46
	393	AṢYOÛṬ (A)	340	7	12	01	1	1	Ac	16.0	17	4	42
	399	NAG' ḤAMÂDI	00	0	10	01	0	2	Ac	15.6	20	8	46
	402	QENA	290	2	20	00	0	0	—	15.1	20	6	41
	405	LUXOR (A)	360	6	12	01	2	2	Ac	14.2	21	3	31
	414	ASWÂN	340	14	16	03	1	6	Cu	18.1	19	4	37
OASES	417	SÎWA	340	8	10	03	1	5	Cu	17.8	18	3	37
	420	BAHARÎYA	360	2	15	01	1	2	Cu	15.8	20	2	30
	429	FARAFRA	310	2	50	02	0	6	Cu	15.2	17	4	42
	432	DAKHLA	340	8	22	01	2	5	Ac	14.2	20	6	41
	435	KHARGA	30	7	20	01	2	4	Cu,Ac,Ci	14.5	21	10	50
RED SEA	450	SUEZ	40	12	20	01	2	6	Sc	11.2	27	21	70
	459	TÔR											
	462	HURGHÂDA	340	6	20	03	2	6	Cs	15.2	21	-2	21
	465	QUSEIR	310	2			1	1	Ci	10.7	26	7	30
	641	PORT SÛDÂN	310	2	21	02	0	1	Ci	12.2	25	-4	15
NORTH SUDAN	600	WÂDI ḤALFA	340	6	20	03	2	6	Cs	15.2	21	-2	21
	640	ABU ḤAMAD	310	2			1	1	Ci	10.7	26	7	30
	660	KAREIMA	310	2	21	02	0	1	Ci	12.2	25	-4	15
	680	ÁṬBARA	330	10	20	02	2	7	Cs	9.7	29	5	22
	721	KHARṬOÛM	40	2	20	02	2	7	Cs	5.6	33	17	38
	730	KASSALA	310	9	20	02	2	6	(	8.0	31	8	24
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	780	EL FASHER											
	770	GENEINA	100	3	50	01	0	1	Cs			-3	
S. SÛDÂN	840	MALAKÂL	70	8	20	04	2	7	Ci	6.5	35	11	23
	880	WÂU											
	941	JUBA											

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.	Temperatures °C. Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	00	0	10	02	2	7	St	17.4	12	5	18	-3	63	4
	303	SÎDI BARRÂNI	350	24	8	95	9	8	Cu,Sc	16.7	10	9	16		94	7
	306	MATRÛḤ (A)	220	9	16	02	2	7	Ch	16.7	11	9	16		88	10
	309	EL ḌAB'AA	00	0	4	01	1	7	Cu	15.7	11	9	15		88	6
	319	ALEXANDRIA	220	8	20	60	6	8	Ch	15.8	12	10	14	-6	88	7
	318	ALEXANDRIA (A)	250	10	10	25	8	8	Cu,Sc	15.3	12	10	15	-5	88	2
	330	DAMIETTA	220	2	3	01	1	4	Cu	15.5	14	10	18	-2	77	2
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	200	2	<1	48	4	8	Cu,Sc	15.0	13	10	17	-4	82	Rain
	342	MANṢÛRA	00	0		01	5	3	Sc,Cu	14.8	12	9	20	-1	82	dz.
	348	ṬANṬA	00	0	20	03	2	6	Cu	16.4	10	10	20	-1	97	0
	360	SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	17.0	12	5	19		63	0
	354	ZAGAZIG	00	0	10	01	1	0	—	16.3	11	7	20	-1	77	0
	441	ISMA'ILÎA														
CAIRO AREA	366	CAIRO (A)	320	8	12	02	1	6	Sc	15.8	13	3	18		51	0
	372	CAIRO ALMÂZA (A)											19	-1		
	374	CAIRO EZBEKÎYA											20	-1		
	375	GIZA	10	6	10	01	2	4	Cu	16.2	13	10	18	-2	82	0
	378	ḤELWÂN	320	5	4	04	2	4	Cu,Ac	15.6	13	9	17	-3	77	0
UPPER EGYPT	381	FAYOÛM														
	387	MINYA (A)	270	3	7	02	0	0	—	16.1	9	3	19	-2	67	0
	393	AṢYOÛṬ (A)	300	2	10	02	0	0	—	16.7	12	4	17	-5	59	0
	399	NAG' ḤAMÂDI	00	0	3	01	0	3	As	17.0	11	7	21	-2	77	0
	402	QENA	310	2		00	0	0	—	15.9	13	4	20	-4	55	0
	405	LUXOR (A)	00	0	10	02	0	2	Ci	15.6	17	-4	21	-4	24	0
	414	ASWÂN	330	7	15	21	6	5	Ns,Ac	17.2	14	8	19	-2	67	dz.
OASES	417	SÎWA	00	0	10	02	5	7	Ac,As	16.8	12	10	20	-1	88	dz.
	420	BAHARÎYA	330	2	12	03	1	3	Cu	18.8	14	5			55	0
	429	FARAFRA	290	4	5	01	2	2	Cu	18.3	14	-1	19	-4	36	0
	432	DAKHLA	00	0	8	02	0	0	—	15.2	11	4	21	-3	63	0
	435	KHARGA	360	1	20	01	0	3	Cu	15.4	12	5	20	-2	63	0
RED SEA	450	SUEZ	300	7	10	01	0	0	—	14.3	13	5	20	-2	59	0
	459	TÔR	270	3	20	01	0	1	Cu	14.2	17	11	22	-2	68	0
	462	HURGHÂDA	320	2	20	02	1	5	Sc,Ac	13.5	25	19	28		70	0
	465	QUSEIR	350	11	20	01	1	4	Cs	17.2	15	-2	22		32	0
	641	PORT SÛDÂN	290	2	20	03	0	3	Ci	12.9	20	-2	26		23	0
NORTH SUDAN	600	WÂDI ḤALFA	320	1	21	01	0	0	—	14.1	19	-9	26		15	0
	640	ABU ḤAMAD	350	4	20	01	1	1	Ci	11.6	23	9	30		41	0
	660	KAREIMA	320	10	20	03	5	8		11.6	23		30			0
	680	ÁṬBARA	40	3	20	02	2	7	Cs	8.7	25	16	33		58	0
	721	KHARṬOÛM														
	730	KASSALA														
CENTRAL SUDAN	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES											33			
	771	EL OBEID	350	8	20	02	2	6	Cs	11.7	21	2	28		29	0
	780	EL FASHER	50	6	20	01	2	3	Ac,Ci	11.0	22	2	30		27	0
	770	GENEINA	30	7	50	02	0	1	Ac,Ci	11.6	23	-2	31		19	0
S. SÛDÂN	840	MALAKÂL	20	4	20	02	2	7	Cs	8.9	25	12	35		45	0
	880	WÂU	340	4	20	01	1	0	—		26	16	35		55	0
	941	JUBA	310	2	24	13	1	4	Ch,Ac	5.2	27	17	36		55	0

At 0600 on WEDNESDAY 19th DECEMBER, 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.	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	320	10	18	02	2	7	Cu,Ac	14.4	-3.0	9	4	9	-1	71	5	107	
	303	SÎDI BARRÂNI	310	13	15	02	5	8	Sc	13.1		12	6	10		67	11	90	
	306	MATRÛḤ (A)	240	11	5	01	2	4	Ch,Ci	12.9	-5.5	10	7	8		82	13	109	
	309	EL ḌAB'AA	220	4	10	00	1	7	Ac,As	13.1		9	7	7		88	9	75	
	319	ALEXANDRIA	220	10	20	62	6	7	Cu,Sc				9	13	+1		20	73	73
	318	ALEXANDRIA (A)	230	18	10	81	8	7	Cu,Sc	12.9	-5.1	11	8	11	0	82	7	52	55
	330	DAMIETTA	220	2	10	00	0			14.0	-4.0	11	9	8	-2	88	2	94	32
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	180	5	10	01	1	3	Cu	13.8	-4.9	10	8	8	-1	88	Rain	Rain	27
	342	MANṢÛRA	220	3	3	00	0	0	—	13.9	-4.7	10	8	8	-1	88	dz.	31	14
	348	ṬANṬA	220	6	20	03	2	7	As	14.8	-4.3	9	9	4	-4	97	0	23	11
	360	SHEBÎN EL KÔM	40	2	4	01	6	2	Cu	14.7	-4.5	11	7	8		77	1	16	
	354	ZAGAZIG	00	0	10	03	1	6	Cu	13.9	-5.3	12	0	7	-1	44	0	13	8
	441	ISMA'ILÎA	00	0	20	03	2	8	As	15.4		10	8	7		88	0	10	
CAIRO AREA	366	CAIRO (A)	220	10	8	01	2	4	Sc	14.3		11	6	10		71	0	12	
	372	CAIRO ALMÂZA (A)	190	11	10	02	0	4	Sc,Cu	15.1	-3.7	12	6	9	-1	67	0	11	
	374	CAIRO EZBEKÎYA										10	6	8	-2	76	dz.	11	7
	375	GIZA	200	6	8	01		2	Sc	15.4	-3.8	10	8	8	+1	88	0	12	8
	378	ḤELWÂN	340	5	10	02	2	7	Sc,Cu	15.1	-4.4	9	7	8	-2	88	0	6	6
UPPER EGYPT	381	FAYOÛM	360	4	20	02	0	0		15.5	-3.9	10	8	8	0	88	0	3	1
	387	MINYA (A)	180	4	7	01	2	3	Cu	17.1	-2.5	9	5	6	-1	76	dz.	dz.	
	393	AṢYOÛṬ (A)	230	7	12	03	1	6	Ac,As	17.8	-2.1	11	6	8	0	71	0	0	
	399	NAG' ḤAMÂDI	00	0	4	01	0	3	Ac	18.2	-0.9	10	3	5	-2	62	0	0	
	402	QENA	270	2	10	00	0	0	—	17.8	-1.0	10	6	4	-4	76	0	0	
	405	LUXOR (A)	00	0	22	00	0	0	—	17.5	-1.4	10	4	4		67	0	0	
	414	ASWÂN	00	0	14	03	0	2	Ci	17.8	-1.0	12	4	6	-6	59	0	0	
OASES	417	SÎWA	320	9	15	01	1	2	Cu	15.3	-5.1	10	8	10	+5	88	dz.	19	3
	420	BAHARÎYA	320	3	20	02	0	4	Cu	16.8	-3.4	7	6	5	-1	94	dz.	2	3
	429	FARAFRA	220	2	15	03	0	2	Cu	18.9		7	2	6		71	0	0	
	432	DAKHLA	250	2	14	03	1	4	Cu,Ci	20.2	0.0	8	3	5	-1	71	0	0	
	435	KHARGA	00	0	10	03	1	3	Ci	18.0	-1.2	7	1	5	-3	66	0	0	
RED SEA	450	SUEZ	00	0	20	00	0	7	Cu	15.0	-3.5	12	5	5	-6	63	0	8	7
	459	TÔR																	5
	462	HURGHÂDA	300	13	20	02	1	2	Cu,Ac	15.4	-1.6	13	1	8	-4	44	0	0	
	465	QUSEIR	280	11	20	03	0	2	Ac,As,Ci	15.0	-2.5	16	-1	12	-4	32	0	0	4
	641	PORT SÛDÂN	340	8	20	01	2	5											
NORTH SUDAN	600	WÂDI ḤALFA	00	0	20	03	0	4	Cs	19.2		11	2	7		54	0		
	640	ABU ḤAMAD	360	13	24	01	2		Ci	16.5		14	-1	12		36	0		
	660	KAREIMA																	
	680	ÁṬBARA	350	12	20	02	2	7	Cs	14.0		17	-1	15		30	0		
	721	KHARṬOÛM	250	12	20	02	2	8	Cs	13.9		18	-3	16		24	0		
	730	KASSALA	60	3	20	02	2	7	Cs	11.3		21		17			0		
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	1	4	Ci			29	-4			11			
	801	RENK																	
	802	ROSEIRES	310	9	20	02	2	3	Ac	11.7		22	9	19		44	0		
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA	40	11	50	02	0	1	Cs	16.9		14	-4	11		29	0		
S. SÛDÂN	840	MALAKÂL	40	17	20	03	1	7	Ac,Ci			23	2			26	0		
	880	WÂU	360	2	20	02	2	6	Ac,As	9.		22	15			65	0		
	941	JUBA	50	1	24	21	6	6	Ac,Ci	10.4		23	20	21		84	1		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga		Hurghada	
DATE	19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12		19-12	
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	23	220	14	260	19	250	14	300	4	280	9	280	12	270	17	290	14	280	9	350	9
600 m.	240	23	200	15	260	22	260	11	300	4	280	12	280	23	270	17	290	11	280	12	290	10
1000 m.	250	23	200	14	260	26	260	10	280	6	290	9	290	19	270	27	280	11	280	10	300	16
1500 m.			200	20			270	17	260	14	300	15	300	21	280	30	270	18	270	9	230	13
2100 m.			220	21			260	17	250	17	260	15	300	21	290	42					240	10
2400 m.			230	23			260	18	250	17	250	28	310	18							230	18
3000 m.			210	25																	230	49
4000 m.			220	27																		
5000 m.			210	34																		
6000 m			210	40																		

STATION					Minya		Asyout		Aswan		Siwa		Dakhla		Kharga							
DATE					20-12		20-12		20-12		20-12		20-12		20-12							
TIME					2		2		2		2		5		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	24	260	27	330	15	300	23	280	23	270	3						
600 m.					250	19	280	21	310	13	300	25	290	36	300	16						
1000 m.					240	23	280	24	300	13	300	28	300	45	300	29						
1500 m.					240	16	260	27	270	17	300	27										
2100 m									280	22	300	27										
2400 m.									260	26												
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga		Hurghada	
DATE	20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12	
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.	100	16	180	35	240	22	270	26	260	8	300	5	310	23	290	13	290	28	250	5	290	15
600 m.	100	17			260	19	270	23	270	7	290	13	330	32	290	22	290	31	290	10	270	12
1000 m	80	23			260	24	280	18	360	22	290	31	330	29	290	14	300	31	300	23	280	8
1500 m.	80	5			270	20	300	18	270	10	280	14	320	25	290	19	300	30	280	20	260	5
2100 m.							300	17	270	15	250	23	330	27							290	9
2400 m.							300	17	280	14	250	28	330	26							280	8
3000 m.									270	16											260	23
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	19-12																			
TIME	13 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	16																		
1000 mb.	121	16		230	15															
950 mb.																				
900 mb.																				
850 mb.	1466	2		200	20															
800 mb.																				
700 mb.	2996	-10		210	25															
600 mb.																				
500 mb.	5514	-27		210	43															
400 mb.	7098	-36		210	65															
300 mb.	9045	-46																		
200 mb.	11680	-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. 7F

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 20th DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

_____

_____

_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 46 U.T. / Sunset 14 59 U.T.

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

Area	Index Number	Station	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	Dew Point	Relative Humidity %	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	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	300	10	8	20	5	8	ST	12.5	11	7	77	360	14	6	63	6	8	Cb	13.6	11	8	12	-9	82	14
	303	SIDI BARRANI	300	10	15	20	5	7	Sc	10.7	12	11	94	010	35	6	02	2	8	Sc	10.8	14	8	14		67	11
	306	MATRUH (A)	270	7	16	02	2	7	ST	10.9	13	8	72	230	15	10	61	6	8	ST	9.8	11	9	14		88	4
	309	EL DABAA	250	9	10	00	0	7	Cu	9.9	13	7	67	220	5	4	00	0	3	Ac	9.0	10	8	15		88	0
	312	ALEXANDRIA	220	20	20	01	6	6	Cb	11.1	14	8	67	220	16	20	01	1	3	Cu, Ac	12.0	11	7	15	-5	77	2
	318	ALEXANDRIA (A)	240	22	12	01	6	4	Sc	11.2	15	7	59	190	17	12	03	0	3	Cu	11.5	11	6	16	-4	71	2
	330	DAMIETTA	220	5	20	03	1	5	Cu	13.0	15	6	55	220	2	3	02	6	4	Cu	14.2	12	10	15	-5	88	1
	333	PORT SA'ID (A)																									
	336	EL 'ARISH																									
LOWER EGYPT	339	DAMANHUR	200	13	4	06	1	6	Cu	12.8	16	8	59	040	2	10	01	6	3	Cu	12.7	11	7	17	-4	77	1
	342	MANSURA	220	5	4	03	1	4	Sc, Cu	12.4	16	8	59	00	0	10	03	6	8	Cu, Sc	14.0	12	8	18	-3	77	1
	348	TANTA	220	11	20	03	2	6	Cu	13.1	16	5	49	180	5	11	80	5	6	ST	13.8	11	7	18	-3	77	dr
	360	SHEBIN EL KOM	220	5	20	01	1	2	Cu	12.6	17	4	42	250	2	10	01	1	3	Sc	13.8	12	8	18		77	0
	354	ZAGAZIG	00	0	20	03	6	6	Cu	12.6	18	8	52	140	2	10	20	5	8	Sc	12.9	11	7	20	-1	77	3
	441	ISMA'ILIA	250	3	20	01	0	0	—	13.9	18	3	37														
CAIRO AREA	366	CAIRO (A)	220	16	12	02	0	4	Cu	12.9	17	3	39	180	12	12	01	2	4	Sc	13.4	12	6	17		67	0
	372	CAIRO ALMAZA (A)	190	14	20	02	2	6	Cu	13.1	18	2	34														
	374	CAIRO EZBEKIYA																						19	-2		
	375	GIZA	150	4	10	01	1	5	Cu	13.2	17	4	42	080	5	8	25	8	3	Sc	14.4	11	7	19	-1	77	dr
	378	HELWAN	200	10	20	02	2	6	Cu	13.4	17	5	46	160	8	4	02	6	8	Cb	14.4	11	7	17	-3	77	3
UPPER EGYPT	381	FAYOUM	360	4	20	03	1	3	Cu, Sc	13.9	17	5	46	360	4	20	21	6	9	Cb	14.3	11	9	18	-4	88	2
	387	MINYA (A)	260	9	8	02	2	7	Sc	14.4	18	1	32	240	4	7	02	6	7	NS	15.1	13	3	18	-3	51	dr
	393	ASYOUT (A)	300	8	18	02	2	5	Sc, Cu, Ci	14.8	18	2	34	240	3	8	02	2	5	Ac	16.2	15	2	19	-3	42	0
	399	NAG' HAMADI	270	1	10	01	0	3	Sc, Cu, Ci	15.9	19	9	52	00	0	10	01	0	2	Cu, Ac	16.8	11	9	19	-4	88	0
	402	QENA	290	2	20	03	1	4	Ci	15.5	18	8	52	290	2		02	1	4	Ci	16.0	14	13	19	-5	55	0
	405	LUXOR (A)	290	8	22	02	0	2	Cu	14.6	20	11	56														
	414	ASWAN	020	4	20	01	0	2	Ci	15.3	20	2	30	270	6	10	03	2	6	Ci	16.2	16	-1	21	-4	32	0
OASES	417	SIWA	300	21	16	01	1	2	Cu	14.1	16	3	42	320	13	14	03	6	3	NS	14.5	12	2	16	-5	51	0.2
	420	BAHARIYA																									
	423	FARAFRA																									
	432	DAKHLA	290	13	11	03	2	5	Cu	17.4	18	-1	28	290	9	5	01	2	3	Cu, Ci	17.9	12	0	18	-5	44	0
	435	KHARGA	310	2	20	03	1	3	Cu	14.8	20	4	35	00	0	8	02	2	5	Cu, Ci	16.0	13	2	21	-3	48	0
RED SEA	450	SUEZ	160	1	50	02	0	7	Cu	13.6	18	8	52	00	0	20	01	0	5	Cu	13.9	15	4	19	-3	48	0
	459	TOR																									
	462	HURGHADA	350	11	22	02	2	7	Cu, Ac	13.5	20	4	35	270	11	10	02	2	6	Cu, Cu	14.7	16	3	20	-2	42	0
	465	QUSEIR	320	5	20	03	0	6	Ac, Cu	13.8	21	4	33	270	7	20	02	2	6	ST, Cu	14.9	18	-1	23	-1	28	0
	641	PORT SUDAN		9	10	02	0	7	Sc	10.8	27	21	70	350	10	20	01	2	6	Sc	13.3	25	21	28		79	0
NORTH SUDAN	600	WADI HALFA	360	3	20	02	0	1	Cc	15.6	24	2	24	360	4	20	02	0	0	—	17.6	15	3	24		45	0
	640	ABU HAMAD	360	9	24	01	1	2	Ci	12.2	24	-6	14	360	2	24	02	0	1	Ci	14.9	17	-2	24		28	0
	660	KAREIMA	360	2	21	02	0	1	Ci	12.7	24	-4	16	340	12	21	02	0	1	Ci	14.7	19	-3	25		23	0
	680	ATBARA	350	11	20	02	2	7	Cu	10.1	27	-2	15	340	6	20	02	1	1	Ci	12.8	21	-4	28		18	0
	721	KHARTOUM	360	10	20	01	2	2	Ci	3.6	28	-1	15	320	11	20	01	1	1	Ci	12.6	22	-3	28		19	0
	730	KASSALA	030	6	20	03	2	7	Cu	6.8	32	16	38	030	1	20	03	1	7	Cu	9.6	25	15	32		54	0
CENTRAL SUDAN	751	WAD MEDANI	360	5	20	02	1	2	Ci	8.2	30	3	18														
	801	RENK																									
	802	ROSEIRES																									
	771	EL OBEID	360	9	20	01	2	6	A. Cu	9.4	27	-1	16	360	6	20	02	2	6	Cu	12.5	20	-1	27		24	0
	760	EL FASHER	090	7	30	03	1	4	Ci	9.1	28	4	22	060	6	20	03	1	6	Cu	11.8	22	3	29		29	0
	770	GENEINA		3	50	01	0	1	Ci	9.4	29	1	17	040	7	50	01	0	0	—	11.5	21	-2	30		21	0
S. SUDAN	840	MALAKAL	150	13	20	03	2	7	Ac, Cu	6.8	33	8	21	030	13	10	02	2	7	Cu	11.7	22	1	34		25	0
	880	WAU	050	7	20	01	2	2	Ci	5.4	34	11	25	360	1	20	02	2	7	Cu	10.2	21	12	35		57	0
	941	JUBA	050	7	20	04	1	3	Cu	3.8	35	15	30	00	0	20	02	2	7	Cu	9.7	25	20	36		74	0

RETARDS — DATE

Station	At 0600 on THURSDAY 20TH DECEMBER 1956 Wind Direction Deg.	Wind Velocity in 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	350	12	8	59	6	8	ST, As	14.1	-3.3	11	9	9	-1	88	24	131	
SIDI BARRANI	030	20	6	51	5	8	Sc	11.3		13	12	10		94	24	114	
MATRUH (A)	220	1	16	02	2	5	NS	11.2	-7.2	11	9	10		88	10	119	
EL DABAA	270	5	10	00	0	4	Cu	9.0		9	7	7		88	3	78	
ALEXANDRIA	090	10	10	02	4	1	Cu, Cc	11.5	-7.2	9	4	7	-5	79	2	75	75
ALEXANDRIA (A)	060	7	12	02	2	5	Sc	11.4	-6.6	7	6	7	-4	94	2	54	56
DAMIETTA	200	2	10	00	0	0	—	13.5	-4.5	10	6	7	-3	76	1	95	33
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	130	2	10	01	1	3	Cu	12.2	-6.5	8	6	6	-3	88	1		29
MANSURA	180	3	3	01	1	4	Cu	12.8	-5.8	8	6	6	-3	88	3	34	14
TANTA	220	1	20	03	6	7	Cu	13.1	-6.0	7	5	5	-3	87	2	25	11
SHEBIN EL KOM	320	2	10	01	6	6	ST	12.3	-6.9	10	6	8		76	2	18	
ZAGAZIG	00	0	10	03	1	8	Cu	12.6	-6.6	9	2	5	-3	62	3	16	8
ISMA'ILIA	00	0	20	02	3	7	Ac	13.9		11	4	6		63	dr.	10	
CAIRO (A)	200	18	12	02	2	7	Sc	12.5		9	4	8		71	2	14	
CAIRO ALMAZA (A)	170	15	11	20	2	8	Sc, As	12.7	-6.2	9	4	8	-2	71	0.5	12	
CAIRO EZBEKIYA										9	6	7	-2	82	0.2	11	7
GIZA	180	11	5	80		8	NS	12.6	-6.7	8	7	7	0	74	1	13	8
HELWAN	160	16	10	02	2	8	Cb	12.7	-6.8	8	3	7	-3	76	3	9	6
FAYOUM	360	6	20	53	6	8	NS	13.4	-6.0	8		6	-2		3	6	1
MINYA (A)	240	12	6	03	1	6	Ac	15.7	-3.9	8	0	6	-1	68	dr.	dr.	
ASYOUT (A)	240	13	12	02	0	0	—	16.9	-3.0	9	1	8	0	58	0	0	
NAG' HAMADI																	
QENA	290	2	10	00	0	0	—	17.9	-0.9	10	6	6	-2	76	0	0	
LUXOR (A)	200	7	22	00	0	0	—	17.9	-1.0	10	4	6		67	0	0	
ASWAN	00	0	12	02	2	6	Sc, Ac	15.0	-3.8	13	1	11	0	44	0	0	
SIWA	320	16	15	03	0	2	Sc	15.5	-4.9	8	3	8	+3	71	0.2	19	5
BAHARIYA																	6
FARAFRA																	
DAKHLA	250	4	14	03	0	1	Cu	19.9	-0.4	6	-2	4	-2	57	0	0	
KHARGA	00	0	10	02	0	0	—	18.2	-1.0	7	2	4	-4	71	0	0	
SUEZ	090	1	20	00	0	7	Cu	14.2	-4.3	12	5	9	-2	63	0	8	7
TOR																	
HURGHADA	310	14	22	02	0	1	Cu	14.8	-2.3	14	2	10	-1	45	0	0	
QUSEIR	270	1	20	01	1	3	Ac	15.9	-1.6	15	7	12	-4	59	0	0	4
PORT SUDAN																	
WADI HALFA	020	4	20	01	2	1	Ac	19.6		11	10			57			
ABU HAMAD	360	5	24					17.0		13	0	11		44	0		
KAREIMA	260	5	24	02	1	1	Ci	17.0		13	0	11		41	0		
ATBARA																	
KHARTOUM	360	9	20	03	1	6	Ci	14.6		20	1	15		24	0		
KASSALA	050	6	20	02	0	1	Ci	12.8		20	0	15		26	0		
WAD MEDANI																	
RENK	360	9	20	01	0	3	Ci	14.6		21	-1	15		23	0		
ROSEIRES																	
EL OBEID																	
EL FASHER	00	0	24	01	2	3	Ci	17.2		13	1	8		44	0		
GENEINA	050	1	50	02	1	3	Ci	16.8		13	-2	10		36	0		
MALAKAL																	
WAU																	
JUBA																	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga		Hurghada	
DATE	20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12		20-12	
TIME	14		13 45		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	4	20	5	260	17	280	18			280	11	330	22	290	25	300	15	330	20	270	17
600 m.	20	5	360	5	260	23	280	19	290	10	280	14	330	22	290	20	290	36	310	23	270	32
1000 m.	40	10	350	12	270	21	280	16	280	14	270	14	340	23	290	17	300	43	290	19	270	26
1500 m.	40	20	310	25	270	26			280	11	260	14	330	22					260	7	260	11
2100 m.	20	20	280	29					280	12	260	22	250	61							260	9
2400 m.	30	19	280	23					280	14	270	18									260	12
3000 m.	20	26	330	29					270	20	240	40									250	34
4000 m.			330	29																		
5000 m.			330	34																		
6000 m.			310	30																		

STATION					Alex. (A)		Cairo (A)		Minya		Asyout		Aswan		Dakhla		Kharga					
DATE					21-12		21-12		21-12		21-12		21-12		21-12		21-12					
TIME					4		5		2		2		4		5		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.					360	12	240	7	330	3	270	6	320	10	300	18	280	5				
600 m.					10	12			220	2	300	10	330	17	330	22	280	12				
1000 m.					20	12			220	2	310	6	320	17	340	23	340	17				
1500 m.									320	6			300	13	340	21						
2100 m.									300	10			320	12								
2400 m.													320	13								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga		Hurghada	
DATE	21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12	
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	15	150	4	240	2	270	3	310	6	360	10	250	9	280	6	320	13	340	6	300	14
600 m.	300	13	300	8	330	7	270	3	300	7	360	10	260	9	300	8	340	16	340	11	300	10
1000 m.	300	13	340	10	320	9	300	6	300	9	20	12	300	10	320	9	340	14	340	17	300	7
1500 m.			340	15	350	4	340	10	300	23	10	10	320	12			330	20	340	13	330	15
2100 m			320	14			310	16	310	9			350	16							310	18
2400 m.			300	17			340	14	310	12			340	16							290	20
3000 m.							340	2					350	16							290	18
4000 m.													320	18								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																					
DATE	20-12																					
TIME	13, 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	10																		
1000 mb.	95	10		330	10															
950 mb.																				
900 mb.																				
850 mb.	1435	3		310	25															
800 mb.																				
700 mb.	2991	-6		330	29															
600 mb.																				
500 mb.	5527	-24		310	29															
400 mb.	7110	-35		300	26															
300 mb.	9088	-38		280	58															
200 mb.	11810	-48		270	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 FRIDAY 21st DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 47 U.T. / " " Sunset 15 00 U.T.

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

At 1200 on 20th											At 1800 on 20th															
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.
330	2		58	6	8	Ch, As	14.9	12	9	82	00	0	10	02	6	8	Cu, Sc	17.1	13	9	14	-6	77	14
10	12	12	02	5	8	Cu, Ac, Cc	13.3	16	9	64	50	14	8	02	5	8	Sc, As	16.1	14	10	17		77	5
10	5	16	03	2	6	Cu, Sc	13.0	17	10	64	280	3	16	01	2	5	Sc	15.7	13	10	18		82	0.1
40	3	20	00	0	5	Ac	9.8	15	9	68	00	0	4	00	0	3	Ac	15.7	12	8	16		77	0
											300	4	20	01	0	0	—	15.2	13	7	16	-4	67	0
100	6	12	03	0	5	Cu	12.0	15	8	63	280	3	12	02	0	5	Sc	14.6	11	7	16	-4	77	0
200	2	20	03	0	2		12.8	14	5	55	200	2	4	00	0	0	—	14.4	9	7	15	-5	88	0
130	2	10	03	0	3	Cu	11.9	13	7	67	130	2	4	01	1	2	Cu	14.4	10	6	15	-6	76	0
		4	01	1	3	Cu	12.2	14	5	55	00	0		00	0	0	—	14.4	14	12	15	-6	88	0
90	5	20	03	2	8	As	12.6	12	5	63	00	0	20	02	0	0	—	15.5	6	6	12	-9	97	0
320	5	20	01	6	6	St	11.2	10	8	88	340	2	10	01	1	3	Sc	14.4	10	8	12		88	3
00	0	20	03	2	6	Cu	9.3	11	1	51	00	0	10	01	1	0	—	13.3	9	2	12	-9	62	4
											340	1	20	01	1	5	Ac	14.3	9	7	13		88	1
120	20	6	50	5	8	St, As	10.1	10	9	94	320	4	10	02	5	3	Sc	15.3	10	9	12		94	tr.
180	17	10	02	5	8	Sc, As	11.1	10	9	94											12	-9		
220	9	8	81	8	7	Ch	10.2	11	9	88	350	6	8	80	1	1	Cu	15.4	9	8	12	-8	94	3
200	17	3	04	2	8	Ch	10.8	9	9	97	290	8	3	02	5	8	Ch	15.1	9	9	10	-10	97	1
290	6	20	02	5	8	Ns	12.2	13	7	67	290	4	20	01	1	4	Ns	15.6	9	7	14	-8	88	0
270	19	6	01	2	4	Sc	14.3	18	-2	26	320	11	6	02	2	5	Sc	16.4	13	3	18	-3	51	0
280	16	16	03	1	5	Cu	14.8	17	2	37	250	8	10	02	0	0	—	17.2	12	-1	18	-3	41	0
00	0	10	01	0	5	Ac, Ci	16.0	13	3	51	00	0	3	01	0	3	As	17.9	11	7	19	-4	77	0
290	3	20	00	0	0	—	15.6	17	4	42	270	2		00	0	0	—	17.0	12	5	18	-6	63	0
290	8	22	02	0	0	—	15.1	18	7	49														
270	6	18	01	0	2	Cu	15.8	19	-5	19	270	2	12	02	0	0	—	18.3	14	1	20	-5	42	0
340	29	14	01	2	4	Ns, As	15.3	17	4	42	320	8	14	01	1	2	Ac	17.8	13	8	18	-3	72	0
270	4	10	02	3	3	Ac	14.0	16	8	59	270	1	10	02	0	0	—	16.3	10	7	17	-4	82	0
320	18	5	07	3	0	—	17.3	14	0	39	320	8	12	00	1	0	—	18.8	13	2	15		48	0
310	20	6	06	1	4	Ci	17.5	17	-3	26	280	9	4.8	02	0	0	—	19.5	11	-2	17	-6	41	0
320	4	20	03	1	4	Ch	15.2	19	3	35	00	0	8	02	0	0	—	17.9	13	-1	19	-4	38	0
90	2	50	01	6	6	Ch	12.0	15	4	48	120	2	10	01	0	5	Ac	13.1	12	8	17	-4	77	4
300	14	22	02	0	1	Cu	13.8	20	1	28	280	14	10	02	0	3	Cu	16.0	14	1	20	-2	42	0
270	8	20	01	0	1	Ac	14.2	20	-6	17	260	7	10	01	0	0	—	15.9	17	-3	21	-3	26	0
30	13	20	02	2	7	Sc	11.7	26	19	66														
																					20			0
340	9	24	02	0	0	—	13.4	22	-2	20											22			0
50	8	21	02	0	0	—	14.1	22	-1	21											23			0
360	14	10	07	0	2	Ci	10.8	26	-3	15														
350	14	20	02	2	6	Cs	10.8	26	-2	16														
00	0	20	02	0	0	—	6.4	31	16	13											32			
360	9	20	02	1	5	Ci	8.5	29	1	17											30			0
310	9	20	02	1	4	Ci	9.6	29	4	20														
310	5	20	02	2	8	Ci	5.3	32	7	21														
360	10	24	03	1	7	Cs	9.8	27	0	17														
50	8	24	02	1	5	Cs	10.1	25	-1	18														
90	4	50	02	2	7	Cs	10.2	28	-2	14														
00	0	20	04	2	7	Cs	7.1	31	12	31											33			
00	0	20	01	2		Cs	5.4	33	9	23														
00	0	1	02	2	7	Cu, Cs	3.9	35	15	30											36			

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	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 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
RETARDS	DATE	

At 0600 on FRIDAY 21st DECEMBER, 1956																		
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
280	18	14	02	2	7	Sc, Cu	19.2	+1.8	12	7	10	0	72	33	164	
330	18	8	02	5	8	Cu, Sc	18.8		13	9	11		77	13	127	
330	10	14	03	2	6	Sc	18.3	-0.2	14	7	11		63	5	124	
360	4	10	02	0	8	Cu	17.9		12	10	9		88	12	90	
360	12	20	03	6	5	Cu, As	17.2	-1.5	16	8	11	-1	59	10	84	77
00	0	12	02	8	6	Cu, Ci	16.6	-1.4	11	10	10	-1	94	5	59	57
200	2	4	03	6	6	Cu	16.3	-1.7			6	-4		6	101	34
200	2	10	02	0	1	Cu	16.8	-1.9	11	9	7	-2	88	0	48	29
00	0	3	03	6	5	Sc, Cu	16.6	-2.1	8	6	6	-3	88	4	38	14
220	2	20	03	6	6	Cu	17.8	-1.3	8	6	3	-5	88	0.4	26	11
320	2	10	01	1	2	Sc	17.5	-1.7	9	4	6		71	3	21	
00	0	10	01	1	5	As	16.6	-2.6	8	6	3	-5	88	4	20	9
320	6	20	03	1	6	As	16.7		9	7	6		88	1	11	
210	14	16	01	2	3	Sc	17.4		9	6	6		82	tr.	14	
200	13	12	00	2	5	Sc, Cu	17.9	-1.0	8	3	7	-3	71	3	15	
									9	6	6	-3	82	5	16	7
190	7	10	01		5	Sc, Cu, Ac	19.0	-0.3	7	6	5	-2	94	4	17	8
160	6	4	00	2	8	Ch	19.2	-0.3	7	5	6	-4	87	1	10	7
200	4	20	02	2	8	Ns	19.1	-0.3	8	6	4	-4	88	0	6	2
340	3		44	4	9	—	20.0	+0.3	4	1	2	-4	81	0	tr.	
00	0	16	01	1	0	—	19.8	-0.2	10	2	8	0	58	0	0	
00	0	4	01	0	3	Ac, Ci	19.9	+0.7	9	2	5	-2	62	0	0	
00	0	10	00	0	0	—	20.0	+1.2	7	2	3	-5	71	0	0	
180	4	22	00	0	0	—	19.6	+0.6	10	4	4		67	0	0	
00	0	15	01	0	2	Ci	20.3	+1.5	10	-12	4	-7	20	0	0	
340	3	16	02	1	3	Ns, Ac	19.2	-1.3	10	6	9	+4	76	0	19	3
00	0	10	02	0	0	—	19.8	-0.4	6	5	3	-3	94	0	2	3
00	0	15	03	0	3	Sc	20.6		12	5	7		63	0	0	
290	3	15	03	1	4	Cu, As, Ci	21.8	+1.5	7	-1	3	-3	57	0	0	
00	0	10	02	0	0	—	19.6	+0.4	5	-1	3	-5	65	0	0	
00	0	20	00	0	5	Ch	17.1	-1.5	10	8	5	-6	88	6	14	8
																6
310	9	20	02	0	1	Cu	18.0	+0.9	11	2	7	-4	54	0	0	
																4
330	10	20	02	2	7	Sc	15.2		22		19			0		
360	5	20	01	0	0	—	21.4		7	-1	4		57	0		
00	0	24	03	0	4	Ci			11					0		
360	7	21	02	1	4	Cs	19.0		13	-4	9		31	0		
360	13	20	03	2	7	Cs	16.1		16		13			0		
50	3	20	02	0		Ci	13.6		18	5	14		43	0		
360	9	4	02	1	4	Ci			17	-2			28	0		
360	9	20	02	0	2	Ac			19		15			0		
30	18	20	01	2	7	Ac, Cs	13.3		20	-3	18		21	0		
360	5	20	02	2	7	Cs	9.		19					0		
	7	30	04	1	7	Ac, Ci			25					0		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY [illegible]

STATION	Matruh		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12		21-12	
TIME	15		13,45		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	14	230	14	290	8	330	6	320	2	340	3	290	10	320	8	330	8	[illegible]	[illegible]	[illegible]	[illegible]
600 m.	300	14	250	15	290	10	330	7	290	4	340	12	320	12	320	9	330	10	310	12	330	6
1000 m	320	13	270	13	280	12	320	8	320	5	330	10	330	10	320	10	320	9	310	12	330	7
1500 m.	310	14	290	14	300	12	330	10	320	11	340	12			300	10	330	6	350	13	310	12
2100 m.	300	19	310	19	320	10	310	16	310	9	260	10			350	9	360	10	340	8	310	13
2400 m	290	23	310	17	330	15	300	20	300	15	290	13			350	6	300	11	350	13	320	16
3000 m.	270	38	310	24	310	16	310	16	280	12	[illegible]	[illegible]			330	7						
4000 m.	300	27	320	25			300	32							310	15						
5000 m.			290	25											[illegible]	3						
6000 m.			280	36																		

STATION	Hurghada						Cairo(A)		Asyout		Aswan		Siwa		Dakhla				Kharga		Hurghada	
DATE	21-12						22-12		22-12		22-12		22-12		22-12				22-12		22-12	
TIME	14						5		2		2		2		5				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	16					260	12	310	5	350	12	30	10	40	5			40	8	320	16
600 m.	310	13					280	18	350	12	[illegible]	[illegible]	10	5	40	7			50	6	340	11
1000 m	310	16					280	13	350	12	10	[illegible]	330	7	40	10			40	11	340	6
1500 m	280	12					340	12	360	13	[illegible]	[illegible]	290	5								
2100 m.	320	12									240	11	240	6								
2400 m	300	26									[illegible]	[illegible]	300	11							300	7
3000 m											[illegible]	[illegible]	300	19							320	9
4000 m.																						
5000 m																						
6000 m																						

STATION	Salloum		S.Barrani		Alex.(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla	
DATE	22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12	
TIME	8		8		8		8		[illegible]		[illegible]		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	5	280	10	240	3	60	3	[illegible]	[illegible]	[illegible]	[illegible]	10	5	20	5	10	5	170	4	90	3
600 m.	310	5	280	16	320	4	30	7	[illegible]	[illegible]	350	10	10	18	360	4	10	6	360	3	70	9
1000 m.	300	8	300	9	320	8	30	7	40		[illegible]	[illegible]	10	13	40	2	20	6	80	8		
1500 m.	160	7	270	5			10	13	[illegible]	[illegible]			10	8	190	5	30	6	70	6		
2100 m.			190	5			330	7	330	7			300	10			60	9	80	4		
2400 m			180	3					320	[illegible]			[illegible]	11			60	8	320	12		
3000 m.			250	4					330	9				3			360	3	300	14		
4000 m																	280	16	290	5		
5000 m.																	300	35				
6000 m.																	320	47				

UPPER AIR OBSERVATIONS

BY RADIOSONDE [illegible]

STATION	Cairo (A)					Matruh																
DATE	21-12					21-12																
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	ALT m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED
Surface	70	15				25	14																		
1000 mb.	155	14		220	9	164	13		290	10															
950 mb.																									
900 mb.																									
850 mb.	1510	8		290	[illegible]	1504	4		310	[illegible]															
800 mb.																									
700 mb.	3062	-7		31[illegible]	[illegible]	3054	-6		270	[illegible]															
600 mb.																									
500 mb.	5600	-26		290	34	5603	-21																		
400 mb.	7176	-35		280	64	7224	-21																		
300 mb.	9152	-45		280	111	9206	-44																		
200 mb.																									

REMARKS :

1. Wind direction is in whole degrees east [illegible]
2. Wind speed is in knots
3. Times are in Universal Time (GMT)
4. Altitudes are heights above Mean Sea Level

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SATURDAY 22nd DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

_____

_____

_____

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 47 U.T. / Sunset 15 00 U.T.

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

At 1200 on 21TH

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 °C	Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	280	10	20	02	2	5	Sc,cu,Ac	18.8	17	7	52
	303	SÎDI BARRÂNI	240	10	10	02	2	8	cu,Sc	18.5	14	9	72
	306	MATRÛH (A)	270	1	16	02	2	6	Sc	18.3	15	11	77
	309	EL ḌAB'AA	340	7	20	00	2	5	Ac	17.6	17	9	60
	319	ALEXANDRIA	310	14	20	03	5	7	cb	17.2	16	8	59
	318	ALEXANDRIA (A)	330	10	12	02	8	7	cu,Sc	16.6	16	12	77
	330	DAMIETTA	250	2	10	02	6	6	cb	15.9	14	10	77
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	270	2	10	01	6	6	cb	16.6	15	11	77
	342	MANṢÛRA	00	0	3	03	6	6	NS	16.3	16	12	77
	348	ṬANṬA	310	5	20	03	6	6	cu	17.6	16	8	59
	360	SHEBÎN EL KÔM	340	5	20	01	1	1	cu	17.0	16	5	72
	354	ZAGAZIG	00	0	20	02	0	0	—	16.6	18	10	60
	441	ISMA'ILÎA	250	5	20	03	1	0	—	16.4	17	9	60
Cairo Area	366	CAIRO (A)	280	12	16	02	0	2	cu	16.8	15	8	63
	372	CAIRO ALMÂZA (A)	190	12	15	02	0	1	cu	17.1	15	8	63
	374	CAIRO EZBEKÎYA											
	375	GIZA	220	7	10	03	1	2	cu	17.8	16	9	64
	378	ḤELWÂN	160	8	10	02	2	7	Sc,cu	17.5	13	9	77
Upper Egypt	381	FAYOÛM	330	4	20	01	1	3	cu,Sc	17.9	16	9	64
	387	MINYA (A)	270	7	10	03		4	cu	18.9	18	5	43
	393	AṢYOÛT (A)	320	5	16	02	0	0	—	18.8	16	4	45
	399	NAG' ḤAMÂDI	290	1	10	01	2	3	Ac,cu	17.9	18	6	46
	402	QENA											
	405	LUXOR (A)	310	6	22	02	0	0	—	17.1	18	8	52
	414	ASWÂN	360	7	14	02	0	0	—	17.5	17	2	37
Oases	417	SÎWA	340	8	16	02	1	5	NS	19.3	18	8	52
	420	BAHARÎYA	320	2	20	02	1	5	cu	18.9	18	12	68
	423	FARAFRA	330	4	20	02	1	6	Sc	20.2	18	7	49
	432	DAKHLA	310	10	20	03	1	4	ST	19.4	17	7	52
	435	KHARGA	020	1	20	02	0	0	—	18.0	18	4	40
Red Sea	450	SUEZ	140	1	50	03	0	6	cb	16.4	15	9	68
	459	ṬÔR											
	462	HURGHÁDA	320	13	22	02	0	1	cu	16.4	18	5	43
	465	QUSEIR	050	7	20	02	0	0	—	16.2	20	3	33
	641	PORT SÛDÂN	020	12	20	03	2	7	Sc	13.7	24	16	61
North Sudan	600	WÂDI HALFA	330	10	20	02	0	1	Ac	18.1	18	-4	22
	640	ABU ḤAMAD	360	9	24	03	0	5	ci	14.8	20	-3	21
	660	KAREIMA	360	7	21	03	1	5	cs	16.6	21	-4	18
	680	'ATBARA	010	14	10	07	0	2	ci	12.5	23	-7	13
	721	KHARṬOÛM	340	12	20	01	2	2	cs	12.3	24	-1	19
	730	KASSALA	360	4	20	01	2	3	ci	7.6	30	16	43
Central Sudan	751	WÂD MEDANI	360	13	20	02	1	2	ci	10.2	27	-4	13
	801	RENK	310	9	20	02	0	4	Ac,ci	10.5	28	6	25
	802	ROSEIRES	310	5	20	02	1	3	ci	6.7	30	5	21
	771	EL OBEID	030	14	20	01	0	1	[illegible]	11.7	23	-1	20
	760	EL FASHER	040	8	35	03	1	7	cs	10.7	25	1	18
	770	GENEINA	050	3	50	02	2	7	cs	10.4	27	-2	15
S. Sûdân	840	MALAKÂL	030	13	20	02	2	7	cs	8.3	30	1	16
	880	WÂU	020	6	20	02	2	7	cs	7.2	30	7	24
	941	JUBA	040	6	20	04	1	2	cu,ci	5.1	34	11	25

At 1800 on 21TH

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	300	4	12	03	2	6	cu,Sc	19.9	13	9	17	-3	77	0
303	SÎDI BARRÂNI	210	6	8	02	2	6	Sc	19.2	12	11	18		94	0.4
306	MATRÛH (A)	260	2	10	01	6	7	ST	19.9	13	11	17		88	3
309	EL ḌAB'AA	250	6	4	00	0	2	cu	18.8	12	10	17		88	0
319	ALEXANDRIA	310	16	20	01	1	5	cu	18.8	16	5	18	-2	49	dr
318	ALEXANDRIA (A)	320	13	12	01	2	3	cu	18.6	16	6	18	-2	52	Rain
330	DAMIETTA	250	2	3	01	1	3	cu	17.6	13	9	14	-6	77	1
333	PORT SA'ÎD (A)														
336	EL 'ARISH														
339	DAMANHÛR	230	2	10	01	1	2	cu	18.4	12	10	18	-3	88	1
342	MANṢÛRA	00	0	1	03	5	8	NS	18.0	12	9	19	-2	82	1
348	ṬANṬA	200	2	20	02	6	5	cu	18.8	12	10	18	-3	88	0.3
360	SHEBÎN EL KÔM	240	2	10	01	6	3	ST	18.0	12	8	19		77	2
354	ZAGAZIG	00	0	10	01	1	0	—	18.2	12	10	19	-2	88	2
441	ISMA'ILÎA	250	5	20	01	0	0	—	18.6	13	9	18		77	0
366	CAIRO (A)	220	6	12	01	5	1	Sc	19.3	13	10	16		82	dr
372	CAIRO ALMÂZA (A)											15	-5		
374	CAIRO EZBEKÎYA											17	-3		
375	GIZA	180	6	8	01	8	7	Sc	19.6	13	11	18	-2	88	2
378	ḤELWÂN	160	6	4	04	6	8	cb	19.8	12	10	15	-1	88	1
381	FAYOÛM	360	4	20	02	1	3	cu,Sc	19.4	11	9	17	-5	88	0
387	MINYA (A)	00	0	7	03	1	2	Sc	19.7	11	4	18	-3	63	0
393	AṢYOÛT (A)	00	0	10	02	0	0	—	20.5	12	4	18	-3	54	0
399	NAG' ḤAMÂDI	00	0	3	01	0	0	—	20.0	10	8	18		88	0
402	QENA	270	2	00	00	0	0	—	19.1	13	4	18	-6	55	0
405	LUXOR (A)														
414	ASWÂN	00	0	10	02	0	0	—	19.3	13	:	19	-6	44	0
417	SÎWA	00	0	14	01	6	4	NS	20.5	14	9	18	-3	72	0.2
420	BAHARÎYA	00	0	10	02	1	0	—	20.5	12	9	19	-2	82	0
423	FARAFRA	00	0	12	00	1	0	—	21.7	10	5	19		71	0
432	DAKHLA	00	0	6	02	2	0	—	21.1	14	5	18	-5	55	0
435	KHARGA	00	0	8	02	0	0	—	19.3	10	4	19	-4	67	0
450	SUEZ	00	0	10	02	0	6	Ac	18.3	15	9			68	
459	ṬÔR														
462	HURGHÁDA	300	14	10	02	0	0	—	18.6	14	7	19	-3	63	0
465	QUSEIR	270	4	20	02	0	0	—	18.2	16	3	21	-3	42	0
641	PORT SÛDÂN	330	8	30	01	1	2	cu	16.2	20	12	26		60	0
600	WÂDI HALFA	360	9	30	02	0	0	—	21.1	12	-2	19		38	0
640	ABU ḤAMAD	340	9	40	01	2	4	ci	18.3	13	-9	20		21	6
660	KAREIMA	340	8	35	02	1	0	—	17.9	16	-9	21		17	0
680	'ATBARA	350	7	20	01	0	0	—	15.0	18	-3	24		24	0
721	KHARṬOÛM	340	12	30	01	0	0	—	14.3	20	-3	25		21	0
730	KASSALA	330	3	20	01	2	0	—	11.2	23	-1	31		20	0
751	WÂD MEDANI											27			
801	RENK											29			0
802	ROSEIRES											31			
771	EL OBEID														
760	EL FASHER											27			0
770	GENEINA											29			0
840	MALAKÂL											31			0
880	WÂU											31			0
941	JUBA														

At 0600 on SATURDAY 22TH DECEMBER 1956

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
62300	SALLOÛM	290	14	18	01	0	1	Sc,cu	22.6	+5.2	9	8	9	-1	94	0	164	
303	SÎDI BARRÂNI	230	12	12	01	1	4	cu	20.9		11	7	9		77	2	129	
306	MATRÛH (A)	250	8	16	02	2	7	St	22.4	+3.9	11	10	9		94	3	127	
309	EL ḌAB'AA	270	7		00	0	4	AC	22.2		10	8	9		88	0	90	
319	ALEXANDRIA	310	6	20	03	6	6	cb	22.2	+3.5	16	10	13	+1	68	2	87	79
318	ALEXANDRIA (A)	220	1	12	02	2	5	cu	21.7	+3.7	13	11	11	0	88	4	63	58
330	DAMIETTA	260	2		03	6	4	cu	21.4	+3.3	11	11	7	-3	97	2	103	34
333	PORT SA'ÎD (A)																	
336	EL 'ARISH																	
339	DAMANHÛR	230	2	10	01	6	3	cu	22.3	+3.6	11	11	8	-3	97	3	51	30
342	MANṢÛRA	00	0		01	1	2	cu	21.8	+3.1	11	9	7	-2	88	1	39	14
348	ṬANṬA	220	2	20	03	6	7	cu	22.6	+3.5	11	9	6	-2	88	0.4	26	12
360	SHEBÎN EL KÔM	320	2	10	01	1	3	cu	21.9	+2.7	12	8	10		77	2	23	
354	ZAGAZIG	00	0	10	03	1	7	cu	21.9	+2.7	11	9	9	+1	88	2	22	9
441	ISMA'ILÎA	250	5	20	02	1	4	AC	22.3		12	8	10		77	0	11	
366	CAIRO (A)	190	10	10	03	0	7	Sc	23.2		12	8	10		77	dr	14	
372	CAIRO ALMÂZA (A)	180	8	10	00	2	7	Sc	23.9	+5.0	11	8	8	-2	82	0	15	
374	CAIRO EZBEKÎYA										10	6	8	-1	76	2	18	7
375	GIZA	200	5	8	03	—	6	Sc	24.1	+4.7	11	9	9	+2	88	2	19	8
378	ḤELWÂN	160	4	10	02	2	7	Sc,cu	23.8	+4.3	10	8	7	-2	88	1	11	7
381	FAYOÛM	00	0	20	02	0	0	—	24.3	+4.9	8	6	5	3	88	0	6	2
387	MINYA (A)	200	2	1.8	42	4	0	—	23.6	+3.9	7	2	4	-2	71	0	dr	
393	AṢYOÛT (A)	00	0	12	02	0	0	—	24.3	+4.3	10	4	6	-1	67	0	0	
399	NAG' ḤAMÂDI	00	0		01	0	2	AS	23.8	+4.5	10	3	6	-1	62	0	0	
402	QENA	360	2	10	00	0	0	—	23.9	+5.1	8	6	3	-5	88	0	0	
405	LUXOR (A)	00	0	22	02	0	0	—	23.0	+4.0	8	6	3		88	0	0	
414	ASWÂN	00	0	14	02	0	0	—	22.8	+3.9	11	3	4	-7	58	0	0	
417	SÎWA	00	0	16	02	0	2	Ac,cu	24.1	+3.6	9	6	8	+3	82	0.2	19	3
420	BAHARÎYA	00	0	10	02	0	0	—	24.0	+3.8	7	6	3	-3	94	0	dr	3
423	FARAFRA	00	0	15	03	0	2	ci	25.2		5	0	2		70	0	0	
432	DAKHLA	00	0	13	03	0	1	cu	25.0	+4.7	4	2	2	-4	87	0	0	
435	KHARGA	00	0	10	02	0	0	—	22.8	+3.6	7	2	3	-5	71	0	0	
450	SUEZ	00	0	20	00	0	5	cu	22.6	+4.0	11	7	6	-4	77	0	14	8
459	ṬÔR																	6
462	HURGHÁDA	270	10	22	02	0	1	cu	22.4	+5.3	14	3	8	3	48	0	0	
465	QUSEIR	270	6	20	03	0	1	cu	21.6	+4.1	14	2	11	-4	45	0	0	4
641	PORT SÛDÂN	340	13	20	02	2	7	Sc	18.7		21	7	18		41	0		
600	WÂDI HALFA	00	0	20	02	0	1	ci	22.6		7	0	4		62	0		
640	ABU ḤAMAD	360	9	24	03	0	1	ci	19.6		11	-3	7		38	0		
660	KAREIMA																	
680	'ATBARA		11		02	0	0	—	16.7		13	-13	10		15	0		
721	KHARṬOÛM	360	12		04	0	3	ci	17.3		14	-13	12		14	0		
730	KASSALA		2	20	04	0	3	ci			16	-5	12		49	0		
751	WÂD MEDANI	360	9	20	02	1	4	ci	17.4		15	-5	9		25	0		
801	RENK	360	9	20	02	0	3	AC	16.8		18	-3			24	0		
802	ROSEIRES		5	20	02	1		AC	14.4		19	0	15		28	0		
771	EL OBEID																	
760	EL FASHER	20	5	24	03	1	6	cs	19.9		11	-2	7		41	0		
770	GENEINA	50	12	50	03	0	2	cs	18.2		13	-5			29	0		
840	MALAKÂL	30	15	20	01	2	7	Ac,cs	14.7		19	-4	18		21	0		
880	WÂU			20	02	2	7	Ac,As	12.3		18	9	17		56	0		
941	JUBA																	

73170 40906 61402 98021 15629 34550 75210 00572 1000—

SHIP REPORTS
in Code.

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12		22-12	
TIME	14		13,45		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	290	4	340	13	340	7	10	10	20	7	140	2	20	4	70	6	330	3	20	12
600 m.	320	10	300	5	350	12	340	7	20	12	20	5	50	5	30	4	70	14	320	4	20	18
1000 m.			310	9	350	14	350	10	20	10	30	8	30	4	30	3	60	4	30	4	20	19
1500 m.			310	10	10	6	30	15	50	11	40	4	190	5	30	3	80	4	60	10	30	10
2100 m.			360	12			40	8	40	15	300	9			120	5	150	5			40	13
2400 m.			360	12			60	6	360	7	300	14			130	4	10	4			360	14
3000 m.			310	3			310	16	290	31	280	21			180	3	340	10				
4000 m.			310	8			290	28									280	25				
5000 m.			300	14													290	29				
6000 m.			270	36																		

STATION	Hurghada				Cairo(A)		Minya		Aswan		Dakhla				Farafra.		Dakhla		Kharga		Hurghada	
DATE	22-12				23-12		23-12		23-12		23-12				23-12		23-12		23-12		23-12	
TIME	14				5		2		2		5				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	10			80	15	60	10	30	15	90	10			100	8	280	7	40	3	320	9
600 m.	330	11			60	16	60	22	60	29	80	15			100	15	240	1	360	15	340	9
1000 m.	310	13			70	13	50	17	50	20	90	9			100	13	120	11	130	9	130	18
1500 m.	310	9			70	15	180	4	20	9					160	10			180	2	50	10
2100 m.	310	8			180	1	240	3	290	6					190	10			270	2	360	3
2400 m.	360	8			170	4	240	3	260	8					240	18			270	1	160	3
3000 m.	360	8							260	9					250	15					40	3
4000 m.															280	30						
5000 m.																						
6000 m.																						

STATION	Salloum		S.Barrani		Alex.(A)		Cairo(A)		Heloran		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12	
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.	160	8	170	9	160	12	90	14	90	7	70	7	100	4	10	6	40	13	110	15	90	15
600 m.	160	12	180	16	140	8	80	14	70	18	120	4	140	10	40	13	60	25	130	17	110	10
1000 m.	170	22			170	8	30	19	80	13	60	7	100	5	60	17	210	14	140	16	100	19
1500 m.	190	22			90	2	80	12	90	12	210	7	280	4	100	21	40	9	160	17	90	18
2100 m.	190	14			90	13					190	4	220	5	120	9			200	5	100	17
2400 m.	190	13			180	5					310	5	300	4	130	8			190	4	120	9
3000 m													300	10					170	6	230	7
4000 m.																					160	9
5000 m.																					260	16
6000 m.																					260	25

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)																			
DATE	22-12																			
TIME	13,45																			
	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	17																		
1000 mb.	185	16		290	3															
950 mb.																				
900 mb.																				
850 mb.	1543	5		310	10															
800 mb.																				
700 mb.	3103	-3		310	3															
600 mb.																				
500 mb.	5702	-17		300	29															
400 mb.	7339	-28		290	54															
300 mb.	9335	-44		270	85															
200 mb.	11960	-56		290	85															

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 23rd DECEMBER, 1956

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: _____ التغيرات المنتظرة في حالة الطقس

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 48 U.T. / " " Sunset 15 01 U.T.

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

At 1200 on 22nd

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	Temperatures °C. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	30	6	18	03	1	7	cu,ci	22.8	17	2	37
	303	SÎDI BARRÂNI	280	7	12	01	1	6	Sc	22.1	16	9	64
	306	MATRÛḤ (A)	240	10	16	02	2	7	Sc,cu,AC	22.6	17	8	56
	309	EL ḎAB'AA	320	5	10	00	1	6	cu	22.6	17	9	60
	319	ALEXANDRIA	220	12	20	05	3	7	NS	22.8	14	12	88
	318	ALEXANDRIA (A)	250	14	12	02	2	7	cu,Sc	22.4	16	13	82
	330	DAMIETTA	320	5	20	01	1	1	cu	20.4	17	9	60
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	310	2	10	02	1	6	Ch	21.9	17	11	68
	342	MANṢÛRA	260	3		01	1	3	ch	22.3	20	11	56
	348	ṬANṬA	00	0	20	03	2	5	cu	22.3	16	12	77
	360	SHEBÎN EL KÔM	250	5	20	01	1	3	cu	21.9	19	7	46
	354	ZAGAZIG	00	0	20	03	2	6	cu	21.9	19	14	73
	441	ISMA'ÎLÎA	250	3	20	03	1	5	cu,ic,as	22.2	18	-2	26
CAIRO AREA	366	CAIRO (A)	270	10	12	03	1	4	cu	22.9	17	9	62
	372	CAIRO ALMÂZA (A)	210	5	15	03	0	4	cu	23.2	18	9	56
	374	CAIRO EZBEKÎYA											
	375	GIZA	200	1	10	02	2	5	cu	23.1	18	10	60
	378	ḤELWÂN	160	4	20	01	2	2	Sc,cu	23.3	16	10	68
UPPER EGYPT	381	FAYOÛM	360	4	20	03	1	2	cu,Sc	22.6	17	9	60
	387	MINYA (A)	360	3	7	03	0	3	cu,ci	22.8	19	6	43
	393	AṢYOÛṬ (A)	310	3	16	03	0	4	cu,ci	22.5	20	6	41
	399	NAG' HAMÂDI	00	0	10	01	0	2	AC	20.6	20	11	56
	402	QENA	360	2	20	03	1	3	ci	19.5	19	4	37
	405	LUXOR (A)	350	8	22	02	0	0	—	20.2	20	10	53
	414	ASWÂN	40	12	20	03	0	1	ci	19.4	20	-1	24
OASES	417	SÎWA	360	2	16	03	1	7	cu,Ac,cs	23.9	20	9	49
	420	BAḤARÎYA	00	0	20	02	1	5	cu	22.8	18	11	64
	423	FARAFRA	00	0	20	03	1	8	cu,cs	23.9	17	7	52
	432	DAKHLA	00	0	18	03	1	5	cu,ci	22.4	19	7	46
	435	KHARGA	350	1	15	03	0	4	AC	20.7	19	6	43
RED SEA	450	SUEZ	00	0	50	03	0	6	cu	22.0	19	9	52
	459	TÔR											
	462	HURGHÂDA	340	14	22	02	0	3	cu,ci	20.9	20	4	35
	465	QUSEIR	330	17	20	03	0	5	Sc,cu,ci	20.8	20	10	53
	641	PORT SÛDÂN	20	15	15	07	1	3	Sc	16.1	24	16	61
NORTH SUDAN	600	WÂDI ḤALFA	20	11	20	02	0	1	ci	19.0	20	0	26
	640	ABU ḤAMAD	50	9	24	03	0	1	ci	14.9	24	-7	13
	660	KAREIMA	20	4	21	02	0	1	ci	15.5	23	-1	20
	680	ʿAṬBARA	350	8	20	03	0	1	ci	13.1	26	3	23
	721	KHARTOÛM	40	12	20	01	0	2	ci	12.2	25	-4	15
	730	KASSALA	40	4	20	02	1	3	ci	7.9	32	14	34
CENTRAL SUDAN	751	WÂD MEDANI	310	13	20	02	1	4	ci	10.6	28	-2	14
	801	RENK	310	9	20	02	0	3	AC	11.8	28	2	19
	802	ROSEIRES	310	5	20	02	1	5	AC	7.9	30	9	27
	771	EL OBEID	20	8	20	02	2	6	[illegible]	11.6		-5	
	760	EL FASHER	10	9	30	02	2	2	ci	11.6	25	-5	14
	770	GENEINA	70	5	50	02	1	1	cs	11.1	27	-3	14
S. SÛDÂN	840	MALAKÂL	40	12	20	01	2	7	Ac,cs	9.7	29	0	15
	880	WÂU	50	7	20	02	2	7	Ac,As	9.2	28	6	25
	941	JUBA	10	5	24	02	0	2	ci	6.3	33	13	30

At 1800 on 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.
SALLOÛM	00	0	14	02	2	8	St	23.4	13	4	17	-3	55	0
SÎDI BARRÂNI	230	10	8	02	2	6	Sc,As	23.7	14	9	17		72	0
MATRÛḤ (A)	240	7	16	02	2	8	Sc,AC	23.5	11	8	17		82	0
EL ḎAB'AA	290	1		00	0	2	As	23.7	12	10	20		88	0
ALEXANDRIA	00	0	20	01	6	3	cu	23.9	14	12	19	-1	88	1
ALEXANDRIA (A)	00	0	12	01	8	3	cu	23.7	13	11	18	-2	88	1
DAMIETTA	320	2		00	1	0	—	23.8	14	10	17	-3	77	0
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	310	2		02	6	6	Ch	23.6	14	12	19	-2	88	0.3
MANṢÛRA	00	0		01	0	3	cu	24.2	14	10	21	0	77	0
ṬANṬA	00	0	20	02	6	8	cu	22.8	13	11	19	-2	88	tr
SHEBÎN EL KÔM	290	2	10	01	1	2	Sc	23.3	10	6	20		76	0
ZAGAZIG	00	0	10	01	1	0	—	22.8	14	12	21	0	88	0
ISMA'ÎLÎA														
CAIRO (A)	180	3	12	01	0	1	cu	24.5	13	10	19		82	0
CAIRO ALMÂZA (A)											19	-1		
CAIRO EZBEKÎYA											20	0		
GIZA	240	1	3	05	1	4	Sc	24.4	13	11	20	0	88	0
ḤELWÂN	160	5	10	02	1	0	—	24.6	13	9	17	-3	77	0
FAYOÛM	360	4	20	01	0	0	—	22.9	16	3	18	-4	42	0
MINYA (A)	360	2	7	03	1	2	cu	23.6	11	3	20	-1	58	0
AṢYOÛṬ (A)	00	0	10	01	0	1	AC	23.7	13	5	21	0	59	0
NAG' HAMÂDI	00	0		01	0	2	AC	21.9	13	11	21	-2	88	0
QENA	290	2		00	0	0	—	21.9	13	4	20	-4	55	0
LUXOR (A)														
ASWÂN	00	0	10	01	2	5	As	20.9	15	2	22	-3	42	0
SÎWA	00	0	14	01	1	5	Sc,AC	23.9	11	8	20	-1	82	0
BAḤARÎYA	00	0	10	02	1	3	cu	24.3	13	8	20	-1	72	0
FARAFRA	00	0	12	01	2	2	ci	25.2	12	6	20		67	0
DAKHLA	00	0	8	01	2	3	cu	23.0	15	1	20	-2	39	0
KHARGA	350	1	9	01	2	2	ci	21.9	13	4	20	-3	55	0
SUEZ	00	0	10	01	0	0	—	23.8	13	9	20	-1	77	0
TÔR														
HURGHÂDA	320	14	10	02	0	2	cu,ci	22.0	15	4	20	-1	48	0
QUSEIR	310	4	20	01	1	3	Sc	21.7	17	7	20	-4	52	0
PORT SÛDÂN	330	7	20	02	0	2	Sc	18.2	21	14	25		65	0
WÂDI ḤALFA	20	7	20	02	0	1	AC	20.0	14	-3	21		32	0
ABU ḤAMAD	360	2	24	01	0	0	—	17.3	17	-7	24		19	0
KAREIMA	20	5	11		3	0	—	16.9	19	-9	23		15	0
ʿAṬBARA											27			0
KHARTOÛM	340	8	20	01	0	2	ci	14.2	21	-4	26		18	0
KASSALA	70	5	20	02	2	0	—	11.0	24	14	33		54	0
WÂD MEDANI											29			0
RENK											29			
ROSEIRES											31			
EL OBEID	20	6	20	01	2	1	ci	14.2	19	0	25		28	0
EL FASHER	70	7	20	02	0	2	ci	14.0	20	-3	27		21	0
GENEINA	30	5	50	01	0	1	cs	13.6	20	1	30		28	0
MALAKÂL	10	3	20	02	2	7	AC	11.3	23	12	31		50	0
WÂU	10	5	20	02	0	2	—	10.5	24	8	30		36	0
JUBA	310	2	24	01	0	2	Ac,ci	6.7	26	15	35		51	0

SHIP REPORTS in code

At 0600 on SUNDAY 23rd DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	16	02	2	8	Sc,cu,AC	23.5	+6.0	11	-3	10	0	38	0	164	
SÎDI BARRÂNI	190	8	12	02	2	6	AC,As	22.8		9	6	7		82	0	129	
MATRÛḤ (A)	200	8	16	03	1	6	AC	24.2	+5.7	9	5	6		76	0	127	
EL ḎAB'AA	200	5	10	00	0	8	cs	24.0		9	4	8		71	0	90	
ALEXANDRIA	00	0		03	4	7	cu,Ac,	25.4	+6.7	12	10	11	-1	88	1	87	81
ALEXANDRIA (A)	00	0	6	28	4	6	AC	25.0	+7.0	10	9	9	-2	94	1	64	60
DAMIETTA	200	2		02	1	4	AC	25.1	+7.0	12	8	8	-2	77	0	103	35
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	130	2	10	03	1	3	ci	24.4	+2.7	10	8	8	-1	88	0.3	52	31
MANṢÛRA	00	0		01	1	2	cu	25.1	+6.4	11	9	9	0	88	0	39	14
ṬANṬA	00	0	20	02	2	7	cu	24.6	+5.5	9	9	7	-1	97	tr	26	12
SHEBÎN EL KÔM	290	2	10	01	1	2	cu	24.7	+5.5	11	9	10		88	0	23	
ZAGAZIG	40	1	10	01	1	4	AC	24.6	+5.4	12	8	10	+2	77	0	22	9
ISMA'ÎLÎA	00	0	20	03	1	6	AC	25.0		10	8	8		88	0	11	
CAIRO (A)	140	8	16	03	2	6	ci	24.7		12	8	10		77	0	14	
CAIRO ALMÂZA (A)	110	7	15	00	0	5	ci	24.6	+5.7	12	8	10	0	77	0	15	
CAIRO EZBEKÎYA										11	8	9	0	82	0	18	7
GIZA	00	0	0.2	44	—	5	ci	25.5	+6.1	8	8	6	-1	97	0.1	19	8
ḤELWÂN	20	6	10	02	2	7	ci	25.1	+5.5	12	8	9	0	77	0	11	7
FAYOÛM	00	0	20	03	1	4	St	25.4	+6.0	10	8	7	-1	88	0	6	2
MINYA (A)	350	3	5	02	2	5	ci	24.1	+4.3	7	5	5	-1	87	0	tr	
AṢYOÛṬ (A)	270	3	12	01	0	2	ci	24.4	+4.4	10	6	8	+1	76	0	0	
NAG' HAMÂDI	290	2		03	2	6	Sc,AC	23.1	+3.7	10	8	7	0	88	0	0	
QENA	360	2	10	00	0	0	—	23.4	+4.6	11	4	6	-2	63	0	0	
LUXOR (A)	00	0	14	02	0	0	—	23.0	+3.9	12	8	5		77	0	0	
ASWÂN	00	0	12	02	0	0	—	21.9	+3.0	12	5	7	-4	63	0	0	
SÎWA	110	3	16	03	2	7	Ac,As	23.4	+2.8	9	4	8	+3	71	0	19	11
BAḤARÎYA	00	0	20	02	2	7	Ac,As	25.1	+4.9	7	5	5	0	87	0	2	2
FARAFRA	00	0	15	03	1	7	cs	25.4		6	2	4		76	0	0	
DAKHLA	290	2	15	03	0	2	ci	20.9	+0.5	6	1	3	-3	71	0	0	
KHARGA	360	1	10	03	0	1	ci	21.8	+2.6	12	3	6	-1	55	0	0	
SUEZ	00	0	20	00	0	3	cu	24.3	+5.7	10	6	6	-4	76	0	14	8
TÔR																	6
HURGHÂDA	300	15	22	02	2	8	cu,Ac,cs	22.6	+5.4	14	4	12	+1	52	0	0	
QUSEIR	310	11	20	03	0	6	cu,Ascs	21.5	+4.0	19	8	15	0	49	0	0	4
PORT SÛDÂN	320	8	20	03	1	7	Sc	18.2		21	14	18		65	0		
WÂDI ḤALFA	00	0	20	03	0	1	AC	20.9		10	2	5		58	0		
ABU ḤAMAD	360	9	20	02	0	0	—	18.1		13	2	9		48	0		
KAREIMA	30	2	21	03	0	1	ci	17.7		12	-3	9		36	0		
ʿAṬBARA	10	6	20	01	0	0	—	16.1		16	7	12		56	0		
KHARTOÛM	260	11	18	05	0	0	—	15.4		17	-3	13		26	0		
KASSALA	100	1	20	02	0	0	—				15	18			0		
WÂD MEDANI	50	5	20	02	0	0	—	14.6		17	2	10		37	0		
RENK	310	5	20	02	0	0	—	16.1		18	0	14		30	0		
ROSEIRES	110	5	20	02	0	6		13.6		20	4	1					
EL OBEID	20	9	20	02	0	0	—	15.9		16	-3	11		28	0		
EL FASHER	50	2	24	02	0	0	—	18.3			-2	5			0		
GENEINA	40	8	50	02	0	0	—	17.2		13	-4	10		31	0		
MALAKÂL	30	13	20	01	1	2	cs	13.0		22	-3	18		19	0		
WÂU	350	3	20	02	2	6	cs	13.2		19	9	16		32	0		
JUBA	10	2	20	04	1	1	ci	11.0		24	12	17		47	0		
	133	25	297	06	816	05	98	251	15	733	70	753	05	059	57	1150	2

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Sallum		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12		23-12	
TIME	14		15		14		13,45		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.	170	12	170	8	140	6	60	13	320	3	20	5	50	6	40	8	150	14	60	8	80	5
600 m.	170	17	170	9	130	6	70	15	210	3	300	2	50	9	30	6	150	13	60	8	110	4
1000 m.	180	16	170	9	120	6	80	13	90	3	220	3	70	10	20	10	150	11	110	7	120	6
1500 m.	190	17	150	9	90	10	140	8	210	3	120	5	80	16	350	7	180	11	170	6	190	6
2100 m.	200	17	200	13	110	5	180	7	70	6	230	2	100	7	280	6	200	16	110	7	190	10
2400 m.	210	25	220	14	180	8	210	8	250	3			80	15	290	10	210	19	170	10	190	10
3000 m.	200	23	230	17	250	15	250	11	220	3					250	10	230	22	10	5	240	12
4000 m.			240	20			260	23									250	26			280	20
5000 m.			240	23			260	35														
6000 m.			250	34			270	41														

STATION	Dakhla		Kharga		Hurghada						Minya		Asyout		Siwa		Dakhla				Hurghada	
DATE	23-12		23-12		23-12						24-12		24-12		24-12		24-12				24-12	
TIME	14		14		13						2		2		2		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.	130	5	60	6	350	6					20	6	280	4	150	14	90	2			310	8
600 m.	120	6	80	6	360	5					30	3	350	12	180	15	100	4			40	9
1000 m.	130	5	70	8	60	8					290	5	220	5	190	14	160	9			180	2
1500 m.			70	7	140	4					220	18	200	10	220	13	210	11			240	4
2100 m.					270	2					240	11	280	8	270	22					320	3
2400 m.					200	3					260	8	270	11	270	20					260	5
3000 m					220	7					260	11			240	29					260	11
4000 m.					270	22															260	24
5000 m.					280	43																
6000 m.																						

STATION	Sallum		Alex.(A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga	
DATE	24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12	
TIME	8		8		6 30		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.	190	17	120	18	140	4	160	7	120	11	30	7	40	8	170	17	200	11	230	3	40	5
600 m.	210	20	110	22	210	4	150	2	10	4	80	9	40	8	200	17	160	12	200	5	60	3
1000 m.	210	14	110	15	230	8	250	10	100	4	50	7	50	9	210	15	220	18	150	19	60	3
1500 m.			120	14	230	11	220	10	130	13	350	6	320	6	230	13	250	9	270	10	300	3
2100 m.					240	15					360	3	300	10	250	20	280	13				
2400 m.											320	4	280	17	270	26						
3000 m.											300	3			240	27						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	23-12					23-12														
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	15													
1000 mb.	198	16		80	9	189	13		270	7										
950 mb.																				
900 mb.																				
850 mb.	1551	7		140	8	1526	2		150	9										
800 mb.																				
700 mb.	3121	1		250	11	3173	-4		230	16										
600 mb.																				
500 mb.	5737	-16		270	41	5657	-17		230	28										
400 mb.	7483	-27		270	83	7291	-30		240	53										
300 mb.	9498	-41		270	110	9281	-48													
200 mb.						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 24th DECEMBER, 1956

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 cold weather specially during night. Early morning mist patches Delta. Light E by winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 48 U.T. / " " Sunset 15 01 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 %
MEDITERRANEAN	62300	SALLOÛM	18	12	20	02	2	7	Cu, As, Ci	20.8	18	3	37
	303	SÎDI BARRÂNI	160	18	10	01	2	5	AC	20.7	17	10	64
	306	MATRÛH (A)	130	9	16	02	2	6	Sc, AC	21.7	18	10	60
	309	EL ḌAB'AA	360	3	20	00	0	1	CS	21.7	18	8	52
	319	ALEXANDRIA	180	6	20	01	1	5	Cu, AC	22.8	19	10	56
	318	ALEXANDRIA (A)	190	6	16	02	2	6	Cu, AC, Ci	22.7	20	12	60
	330	DAMIETTA	140	5	20	00	0	0	—	22.7	19	6	43
	333	PORT SA'ID (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	160	2	20	01	1	4	Cu	22.6	19	7	46
	342	MANŞÛRA	40	3		03	1	4	Cu	23.0	20	11	56
	348	ṬANṬA	40	5	20	01	1	2	Cu	22.0	18	6	46
	360	SHEBÎN EL KÔM	40	1	20	02	0	2	AC	21.2	19	12	64
	354	ZAGAZIG	20	3	20	01	1	4	AC	22.6	19	7	46
	441	ISMA'ILÎA	60	10	15	02	0	4	Ci	22.4	18	5	43
CAIRO AREA	366	CAIRO (A)	50	15	20	03	2	7	Ci	21.6	18	5	43
	372	CAIRO ALMÂZA (A)											
	374	CAIRO EZBEKÎYA											
	375	GIZA	100	7	10	02	1	6	AC, CS	22.2	19	6	43
	378	ḤELWÂN	70	8	20	02	2	8	Ci	21.8	19	4	37
UPPER EGYPT	381	FAYOÛM	00	0	20	02	1	3	St	21.8	18	7	49
	387	MINYA (A)	00	0	8	01	1	2	Ci	21.0	21	6	38
	393	AṢYOÛṬ (A)	350	3	15	01	0	1	Ci	20.8	21	4	33
	399	NAG' ḤAMÂDI	00	0	10	01	0	4	AC, CS	19.5	21	10	50
	402	QENA	360	2	20	03	1	3	Ci	19.4	22	9	44
	405	LUXOR (A)	350	6	22	02	0	0	—	18.9	23	13	53
	414	ASWÂN	30	9	16	03	0	3	Ci	20.3	25	5	28
OASES	417	SÎWA	170	12	16	02	1	1	Cu, AC, CS	21.1	18	4	40
	420	BAHARÎYA	90	3	20	02	2	5	AC	21.3	19	11	60
	423	FARAFRA	150	2	20	03	1	4	Ci	21.9	19	4	37
	432	DAKHLA	150	4	20	03	2	6	Ci	20.3	22	3	29
	435	KHARGA	30	2	20	02	2	5	Ci	18.8	23	5	32
RED SEA	450	SUEZ	00	0	50	03	0	6	Cu	21.9	20	6	41
	459	TÔR											
	462	HURGHÂDA	340	21	22	02	0	3	Cu, CS	20.9	20	9	49
	465	QUSEIR	360	11	20	02	2	6	Sc, AC, Ci	20.2	20	9	49
	641	PORT SÛDÂN	20	14	20	01	2	5	Sc	15.0	26	8	32
NORTH SUDAN	600	WÂDI ḤALFA	10	3	20	02	0	1	Ci	17.2	23	5	32
	640	ABU ḤAMAD	360	5	24	02	0	1	Ci	15.0	26	5	27
	660	KAREIMA	20	3	21	02	0	1	AC, Ci	13.8	26	11	40
	680	'ATBARA	340	7	20	02	0	1	Ci	11.0	28	6	25
	721	KHARṬOÛM	360	8	20	02	0	0	—	9.9	29	9	29
	730	KASSALA	60	3	20	01	0	0	—	6.7	33	15	34
CENTRAL SUDAN	751	WÂD MEDANI	360	5	20	02	0	0	—	8.2	32	20	49
	801	RENK	310	9	20	02	0	0	—	10.3	31	8	24
	802	ROSEIRES	310	5	20	02	0	1	Ci	5.9	34	13	29
	771	EL OBEID	40	5	20	02	0	0	—	10.0	27	-2	15
	760	EL FASHER	70	5	20	03	0	2	Ci	8.2	28	-5	11
	770	GENEINA	20	7	50	02	0	1	CS	9.7	30	-6	9
S. SÛDÂN	840	MALAKÂL	30	13	20	02	0	1	CS	7.9	34	5	16
	880	WÂU	30	7	20	02	2	6	CS	7.0	33	-3	17
	941	JUBA	50	5	20	04	0	1	Cu	4.9	34	13	29

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.	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, AC	20.2	15	3	18	-2	45	0
SÎDI BARRÂNI	150	11	12	02	2	7	AC	20.4	12	10	17		88	0
MATRÛH (A)	120	4	12	01	0	3	AC	21.6	12	10	18		94	0
EL ḌAB'AA	00	0		00	0	2	Ci	22.0	12	8	18		77	0
ALEXANDRIA	90	6	20	01	1	0	—	23.1	15	9	19	-1	68	0
ALEXANDRIA (A)	80	7	10	01	2	0	—	23.1	13	11	20	0	88	0
DAMIETTA	200	2		02	0	0	—	23.1	14	12	19	0	88	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHÛR	90	2	10	02	1	1	Ci	22.7	13	9	21	0	77	0
MANŞÛRA	00	0		01	0	2	Cu	23.1	14	8	21	0	67	0
ṬANṬA	00	0	20	03	2	6	Cu	22.6	12	10	20	-1	88	0
SHEBÎN EL KÔM	340	2	10	01	1	2	Cu	23.3	12	8	19		77	0
ZAGAZIG	00	0	10	01	1	0	—	22.2	13	11	21	0	88	0
ISMA'ILÎA	40	2	20	01	0	0	—	22.7	13	11	19		88	0
CAIRO (A)	90	9	12	01	1	0	—	22.0	14	9	19		72	0
CAIRO ALMÂZA (A)											20	0		
CAIRO EZBEKÎYA											21	+1		
GIZA	70	7	8	01	0	0	—	22.8	14	9	20	0	72	0
ḤELWÂN	70	13	10	01	2	2	Ci	21.9	14	8	20	+1	67	0
FAYOÛM	360	4	20	01	1	2	St	21.5	13	8	19	-3	72	0
MINYA (A)	00	0	7	02	0	1	Ci	21.4	11	4	22	+1	63	0
AṢYOÛṬ (A)	350	3	10	01	0	0	—	21.2	15	3	22	+1	45	0
NAG' ḤAMÂDI	00	0		01	0	2	AC	20.2	13	11	22	-1	88	0
QENA	00	0		00	0	0	—	20.4	15	9	23	-1	68	0
LUXOR (A)											25			
ASWÂN	00	0	12	01	2	0	—	18.2	19	6	26	+1	43	0
SÎWA	130	4	14	02	2	7	As	20.4	14	7	18	-3	63	0
BAHARÎYA	00	0	10	02	1	4	AC		14	7	20	0	63	0
FARAFRA	00	0	12	01	1	4	Ci	22.1	14	3	20		48	0
DAKHLA	340	3	6	02	2	0	—	21.1	16	-1	23	+1	32	0
KHARGA	00	0	9	02	0	0	—	19.4	14	3	23	0	48	0
SUEZ	360	2	10	01	0	0	—	22.4	14	5	21	0	55	0
TÔR														
HURGHÂDA	270	4	10	02	0	2	Ci	20.5	14	7	20	-1	63	0
QUSEIR	300	6	20	01	1	1		20.2	17	9	23	-1	60	0
PORT SÛDÂN	330	4	20	02	0	2	Sc	16.4	22	17	27		74	0
WÂDI ḤALFA	20	7	20	01	1	4	AC, Ci	17.9	17	4	24		42	0
ABU ḤAMAD	360	5	24	01	0	0	—	15.0	19	1	27		30	0
KAREIMA	10	5	21	02	0	0	—	15.1	21	1	27		27	0
'ATBARA											29			
KHARṬOÛM	360	10	20	02	0	0		12.5	25	7	31		32	0
KASSALA	20	3	20	02	0	0	—	10.2	25	13	33		48	0
WÂD MEDANI											33			
RENK											33			
ROSEIRES														
EL OBEID	20	3	20	02	0	0	—	11.3	20	-1	28		21	0
EL FASHER	60	7	20	02	0	0		12.6	22	-5	31		16	0
GENEINA	20	8	50	02	0	0	—	11.8	23	-2	32		19	0
MALAKÂL	10	2	20	02	0	1	CS	9.9	25	13	34		48	0
WÂU											34			0
JUBA	310	1	20	04	0	1	AC	6.3	28		36			0

At 0600 on MONDAY 24th DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	01	0	3	Sc, Cu	18.0	+0.5	12	1	11	+1	47	0	164	
SÎDI BARRÂNI	160	18	12	02	2	5	Cu, AC	17.8		10	7	8		82	0	129	
MATRÛH (A)	140	6	16	03	1	5	Sc, CS	19.4	+0.9	10	7	7		82	0	127	
EL ḌAB'AA	00	0	10	00	0	4	Ci	20.1		11	7	8		77	0	90	
ALEXANDRIA	90	2	4	03	4	0	—	20.6	+1.8	14	10	12	0	77	0	87	82
ALEXANDRIA (A)	00	0	12	02	2	5	AC	20.1	+2.1	10	9	9	-2	94	0	64	61
DAMIETTA	160	2		03	1	6	Ns	20.1	+1.9	13	11	10	+1	88	0	103	85
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHÛR	130	2	10	03	1	5	AC, As	20.2	+1.5	12	10	8	-1	88	0	52	32
MANŞÛRA	00	0		03	1	6	Sc, Cu	20.0	+1.3	12	10	10	+1	88	0	39	14
ṬANṬA	00	0	20	03	2	5	Cb	20.8	+1.7	10	10	7	-1	97	0	26	12
SHEBÎN EL KÔM	20	2	10	01	1	3	Cu	20.3	+1.1	12	8	10		77	0	23	
ZAGAZIG	40	1	10	02	1	3	As	19.5	+0.1	11	9	6	-2	88	0	22	9
ISMA'ILÎA	40	2	20	03	2	7	AC				8	12			0	11	
CAIRO (A)	210	1	14	02	2	7	Sc, AC	19.6		12	7	11		72	0	14	
CAIRO ALMÂZA (A)	00	0	15	00	2	7	Sc, AC, Ci	19.6	+0.7	12	8	11	+2	77	0	15	
CAIRO EZBEKÎYA										12	8	9	0	77	0	18	7
GIZA	00	0	8	01	—	6	Sc	20.1	+0.7	11	10	9	+2	94	0	19	8
ḤELWÂN	00	0	10	02	2	8	Cu, AC	20.2	+0.6	12	5	11	+2	63	0	11	7
FAYOÛM	00	0	20	02	2	7	St	20.3	+0.9	11	8	10	+3	82	0	6	2
MINYA (A)	340	2	5	03	0	5	Ci	19.9	+0.1	9	6	6	0	82	0	4r	
AṢYOÛṬ (A)	00	0	16	02	2	5	AC	20.0	-0.1	13	2	9	+2	48	0	0	
NAG' ḤAMÂDI	00	0		01	0	5	AS, CS	20.0	+0.6	11	4	7	0	63	0	0	
QENA	00	0	10	03	1	4	Ci	20.4	+1.6	13	7	8	0	67	0	0	
LUXOR (A)	00	0	22			7	CS	19.6	+0.5	11	4	8		63	0	0	
ASWÂN																0	
SÎWA	100	6	16	03	2	7	AC, As	17.8	-2.8	10	4	10	+5	67	0	19	4
BAHARÎYA	00	0	10	02	2	8	AC, As	19.4	-0.8	12	7	10	+5	72	0	2	4
FARAFRA	00	0	15	03	1	6	AC, Ci	21.2		10	1	6		54	0	0	
DAKHLA	00	0	11	01	1	6	Cu, Ci	20.2	+0.8	7	-1	5	-1	87	0	0	
KHARGA	00	0	16	03	2	7	As	18.7	-0.5	12	2	8	+1	51	0	0	
SUEZ	00	0	20	00	0	6	Cu	19.9	+1.2	12	5	7	-3	63	0	14	8
TÔR																	6
HURGHÂDA	300	13	20	02	0	6	AC, Ci	19.0	+1.5	14	5	11	0	55	0	0	
QUSEIR	280	6	20	03	0	6	AC, CS	18.4	+0.9	17	8	15	0	56	0	0	4
PORT SÛDÂN	340	8	20	02	2	7	Sc	15.9		23	17	12		69	0		
WÂDI ḤALFA	00	0	20	02	2	7	CS	18.5		12	6	9		67	0		
ABU ḤAMAD	360	5	24	03	0	1		16.5		15	1	11		39	0		
KAREIMA																	
'ATBARA	10	6	20	02	0	0	—	14.5		17	7	13		52	0		
KHARṬOÛM	20	12	20	02	0	0	—	13.9		18	3	16		37	0		
KASSALA	80	4	20	02	0	0	—	12.0		23	15	15		61	0		
WÂD MEDANI	260	9	20	02	0	0	—	13.6		19	15	12		78	0		
RENK	310	5	20	02	0	0	—	14.3		20	9	15		49	0		
ROSEIRES	10	5	20	02	0	0	—	11.6		23	9	18		41	0		
EL OBEID	360	10	20	02	0	0	—			22	-9	13		12	0		
EL FASHER	310	5	30	02	0	0	—	18.1		21	-5	8		17	0		
GENEINA																	
MALAKÂL	40	15	20	02	1	1	AC, CS	11.2		24	6	19		32	0		
WÂU	340	3						10.2		21	11	16		53	0		
JUBA	00	0	20	04	0	0	—	10.0		26	13	18		45	0		

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		Aswan		Siwa		Bahariya		Farafra	
DATE	24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12		24-12	
TIME	14		19		14		13, 45		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.	170	11	160	10	150	7	240	7	220	2	330	8	340	3	340	15	190	8	270	9	200	6
600 m.	180	12	180	8	150	6	230	6	250	7	310	8	350	4	10	12	220	12	260	16	220	5
1000 m.	130	14	200	7	220	8	230	6	260	11	290	10	340	10	50	8	270	13	250	8	270	10
1500 m.	210	23	230	15	260	11	220	16	260	14	270	10	10	8	350	8	260	15	240	9	260	18
2100 m.	250	26	240	24	240	21	220	20	240	15	280	6	330	10	300	4	260	17	233	9	360	18
2400 m.	250	21	240	26	240	24	230	20	260	20	250	13	320	9	330	10	250	24	250	10	270	16
3000 m.			240	37			240	28	250	14									250	23		
4000 m.			240	36			250	30											270	36		
5000 m.			240	42			250	38														
6000 m.			240	43			250	57														

STATION	Dakhla		Kharga		Hurghada				Cairo (A)		Asyout		Aswan		Farafra		Dakhla		Kharga		Hurghada	
DATE	24-12		24-12		24-12				25-12		25-12		25-12		25-12		25-12		25-12		25-12	
TIME	14		14		14				5		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.	300	9	20	5	20	6			200	15	100	10	10	16	90	12	350	12	20	10	330	8
600 m.	290	7	360	5	20	10			250	9	80	6	30	12	350	11	350	17	30	10	320	7
1000 m.	300	11	320	8	350	10			240	11	320	10	20	11	340	9	350	13	30	15	270	3
1500 m.			320	5	290	15			260	10			20	11	280	15	360	8	360	8	290	10
2100 m.			280	6	280	25			240	17			70	5	280	18	330	17			100	19
2400 m.			280	18	230	15							60	3	280	24					320	16
3000 m.					330	3							230	17							130	19
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		S. Barrani		Alex.(A)		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12	
TIME	8		8		8		8		5 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.	280	19	270	31	270	17	200	18	140	5	220	10	40	2	20	10	10	6	300	17	320	7
600 m.	290	17	280	23	260	16	250	12	210	15	240	14	310	6	10	11	40	11	310	16	320	12
1000 m.	290	16	300	17	260	16	240	12	220	15	260	15	320	10	10	12	40	16	310	16	320	16
1500 m.	300	10	290	17			240	14			280	18	290	14	10	17	20	12	290	15	320	19
2100 m.	290	10	290	26							280	20	310	16	40	10	80	1	270	27	310	16
2400 m.			290	24							290	24	260	16	200	5			280	23	310	22
3000 m.			270	30							270	30	270	28	240	17					290	23
4000 m.																					290	42
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	24-12					24-12														
TIME	13, 45					19														
	ALT. m.	TEMP. °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	18		240		140	16		160	9										
950 mb.																				
900 mb.																				
850 mb.	1524	9		220	16	1496	6		230	15										
800 mb.																				
700 mb.	3110	0		240	28	3062	-4		240	28										
600 mb.																				
500 mb.	5726	-16		250	31	5666	-18		240	43										
400 mb.	7370	-26		250	84	7293	-29		240	76										
300 mb.	9384	-42		250	102	9291	-44		240	104										
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 *Tuesday 25th December*, 1956

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:*

Rather cold weather specially during night. Considerable amounts of high and medium clouds. Risk of slight showers in the extreme west. Moderate S and SW winds.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T. / " " Sunset 15 02 U.T.

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

At 1200 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	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	170	10	22	02	1	6	Sc,Ac,Ci	14.9	20	4	35	
SIDI BARRANI	160	16	16	03	2	5	Ac	14.7	18	11	64	
MATRUH (A)	160	11	16	03	1	6	Ac,As	14.9	18	8	52	
EL DABAA	180	4	20	01	0	5	Cs	17.4	17	8	56	
ALEXANDRIA	90	7	20	03	1	7	Cs	18.0	18	8	52	
ALEXANDRIA (A)	130	4	12	02	2	7	Ci	18.1	19	9	52	
DAMIETTA	320	2	20	01	1	3	As	18.2	18	10	60	
PORT SA'ID (A)												
EL 'ARISH												
DAMANHUR	130	2	20	02	1	6	Cs	18.0	20	11	56	
MANSURA	00	0		03	1	6	Cu	17.9	20	10	53	
TANTA	200	3	20	03	2	8	Cu	19.1	19	7	46	
SHEBIN EL KOM	340	5	20	01	1	3	Sc	18.3	20	3	33	
ZAGAZIG	140	1	40	03	2	8	Cu	17.9	17	9	60	
ISMA'ILIA	220	2	20	02	2	8	As	18.2	19	7	46	
CAIRO (A)	270	6	8	02	2	8	Ci	18.2	19	1	30	
CAIRO ALMAZA (A)	230	8	12	03	2	8	Sc,Cu,As	18.0	19	5	40	
CAIRO EZBEKIYA												
GIZA	200	3	10	01	2	7	As	18.4	19	8	49	
HELWAN	00		20	02	2	7	As	18.4	18	6	46	
FAYOUM	00	0	20	03	2	8	St	18.7	19	8	49	
MINYA (A)	260	5	8	03	1	6	Ac,Ci	18.6	22	3	29	
ASYOUT (A)	340	4	16	02	1	3	Ci	17.8	22	2	27	
NAG' HAMADI	00	0		00	0	2	Ac	17.5	22	9	44	
QENA	00	0	20	02	1	4	Ci	17.2	21	10	50	
LUXOR (A)	360	3	16	02	2	6	Cs	16.9	22	9	44	
ASWAN	30	2	14	01	2	5	Cs	15.6	24	7	34	
SIWA	220	9	16	03	2	7	As	16.0	19	2	32	
BAHARIYA	220	3	20	02	2	8	Ac,As	17.3	21	8	44	
FARAFRA	220	3	20	01	1	3	Ci	18.4	24	1	22	
DAKHLA	340	2	13	01	2	5	Ci	18.7	22	3	29	
KHARGA	00	0	20	02	2	6	Cs	16.1	25	5	28	
SUEZ	00	0	50	02	0	6	Cu	17.9	19	9	52	
TOR												
HURGHADA	20	7	22	02	0	0	—	17.0	22	11	36	
QUSEIR	350	11	20	03	2	7	Ac,Cc	16.8	22	13	57	
PORT SUDAN	40	8	20	03	2	7	Sc	12.9	27	21	70	
WADI HALFA	350	7	20	01	2	5	Cs	14.4	25	14	26	
ABU HAMAD	50	5	24	02	0	1	Ci	11.9	29	7	25	
KAREIMA	10	4	21	02	0	1	Ci	11.5	28	5	23	
ATBARA	360	7	20	02	0	0	—	9.4	30	0	25	
KHARTOUM	30	7	20	02	0	0	—	9.3	30	7	24	
KASSALA	50	4	20	02	0	0	—	6.2	33	14	32	
WAD MEDANI	360	5	20	02	0	0		7.9	32	10	26	
RENK	310	9	20	02	0	0		8.8	33	21	50	
ROSEIRES	310	5	20	02	0	0	—	4.3	35	10	22	
EL OBEID	40	8	20	02	0	0	—	7.9	30	0	14	
EL FASHER	50	8	30	03	0	1	Cs	9.2	29	-1	14	
GENEINA	340	3	30	04	0	1	Cs	9.0	32	-7	8	
MALAKAL	50	10	20	02	0	2	Ac	6.2	35	7	18	
WAU	40	7	20	02	0	0	—	4.6	35	10	22	
JUBA	50	7	20	04	0	2	Cu,Ci	3.5	37	13	24	
	2 32 11		388 12		314 17		9802 0		125 29 11		531	

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.
SALLOUM	00	0	12	03	1	6	Sc	15.2	16	2	21	+1	39	0
SIDI BARRANI	180	16	12	03	2	7	Sc,Ac	14.9	14	10	18		77	0
MATRUH (A)	140	3	12	02	0	3	Ac,As	16.4	11	8	19		82	0
EL DABAA	00	0		00	0	0	—	16.6	11	9	19		88	0
ALEXANDRIA	90	7	20	01	1	0	—	17.8	15	9	19	0	68	0
ALEXANDRIA (A)	150	3	10	01	2	4	Ac,Ci	17.5	12	11	20	+1	94	0
DAMIETTA	160	2		00	0	0	—	18.2	14	12	19	0	88	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	180	2	10	02	1	3	Cs	17.8	15	7	21	0	59	0
MANSURA	00	0		01	1	3	Cu	17.9	14	10	20	-1	77	0
TANTA	00	0	20	03	2	8	Cu	18.8	14	10	20	-1	77	0
SHEBIN EL KOM	340	2	10	01	1	2	Sc	18.4	12	8	21		77	0
ZAGAZIG	00	0	10	02	0	0	—	18.2	15	11	22	+2	77	0
ISMA'ILIA	00	0	20	03	2	7	As	18.6	14	10	21		77	0
CAIRO (A)	210	7	12	02	2	8	Cs	17.8	16	6	20		52	0
CAIRO ALMAZA (A)														
CAIRO EZBEKIYA											22	+2		
GIZA	170	1	10	03	2	6	Sc	18.6	14	9	20	0	72	0
HELWAN	00	0	10	02	2	8	As,Ci	18.6	15	7	20	+1	59	0
FAYOUM	360	4	20	01	1	3	St	17.8	14	8	20	-2	67	0
MINYA (A)	00	0		02	2	6	Ac,Ci	18.7	15	4	23	+2	48	0
ASYOUT (A)	00	0	10	02	0	0	—	18.7	17	2	23	+2	39	0
NAG' HAMADI	00	0		01	0	2	As	18.4	14	10	23	0	77	0
QENA	00	0		00	0	0	—	18.0	14	10	23	0	77	0
LUXOR (A)	360	5	6	01	0	2	Ci	17.4	19	9	25	+1	52	0
ASWAN	360	4	14	02	1	3	Ac	16.9	13	3	20	-1	51	0
SIWA	00	0	10	02	2	7	Cu	18.0	16	9	23	+3	64	0
BAHARIYA	00	0	12	02	1	2	Ci	18.9	16	2	24		39	0
FARAFRA	00	0	5	01	2	3	Ci	18.8	18	3	24	+2	37	0
DAKHLA	00	0	8	01	2	2	Ci	17.2	16	3	25	+2	42	0
KHARGA														
SUEZ	00	0	10	00	0	6	Cu	18.3	17	7	21	0	52	0
TOR														
HURGHADA	00	0	10	02	0	0	—	17.5	15	7	22	+1	59	0
QUSEIR	350	6	20	01	2	0	—	17.4	19	14	23	-1	73	0
PORT SUDAN	10	4	20	01	2	5	Sc	14.7	26	22	28		79	0
WADI HALFA	350	2	20	01	1	5	Ac,Ci	16.5	19	5	26		40	0
ABU HAMAD	360	5	24	01	0	0	—	13.4	22	4	29		31	0
KAREIMA	20	9	21	01	0	0	—	13.9	23	2	30		26	0
ATBARA	340	6	20	02	0	0	—	11.4	23	7	31		36	0
KHARTOUM	360	7	20	02	0	0	—	11.2	25	6	31		30	0
KASSALA	40	4	20	02	0	0	—	8.9	17	13	35		77	0
WAD MEDANI											33			
RENK														
ROSEIRES											36			
EL OBEID	20	7	20	01	0	0	—	14.9	22	3	31		29	0
EL FASHER	70	7	20	01	0	0	—	16.7	24	-2	33		18	0
GENEINA	00	0	50	01	0	0	—	11.3	23	4	33		29	0
MALAKAL	10	5	20	02	1	3	Ac	8.5		13	36			0
WAU	340	2	20	02	0	0	—	6.8	28	14	35		42	0
JUBA	270	1	24	02	0	1	Ac	6.0	29	15	38		43	0

At 0600 on TUESDAY 25th DECEMBER, 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.	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	20	18	02	0	0	—	17.2	-0.3	9	-1	9	-1	54	0	164	
	303	SIDI BARRANI	230	17	12	01	1	4	Sc	16.6		10	3	8		62	0.2	129	
	306	MATRUH (A)	240	18	16	01	0	1	Sc,Cu	17.1	-1.5	10	7	9		82	0	127	
	309	EL DABAA	270	2	10	00	0	4	Ac	17.1		11	7	8		77	0	90	
	319	ALEXANDRIA	220	7	20	03	0	7	Cu,Ac	16.8	-2.0	13	7	12	0	67	0	87	84
	318	ALEXANDRIA (A)	220	7	12	02	2	6	Ac	17.1	-0.9	11	8	9	-2	82	0	64	62
	330	DAMIETTA	180	2		03	1	6	Cu	17.5	-0.6	11	9	8	-1	88	0	103	36
	333	PORT SA'ID (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHUR	160	2	10	03	1	4	Ci	17.1	-1.6	12	8	9	0	77	0	52	32
	342	MANSURA	00	0		03	1	6	Cu	17.4	-1.3	12	10	9	0	88	0	39	15
	348	TANTA	160	7	20	03	2	7	Ac	18.3	-0.8	14	5	7	-1	55	0	26	12
	360	SHEBIN EL KOM	160	2	10	01	1	9	As	17.6	-1.6	12	8	11		77	0	23	
	354	ZAGAZIG	140	1	10	03	1	4	As	17.2	-2.0	13	7	8	+1	67	0	22	9
	441	ISMA'ILIA	00	0	20	03	2	8	Ac	18.3		12	8	10		77	0	11	
CAIRO AREA	366	CAIRO (A)	270	5	12	02	2	7	Sc,Cs	17.6		14	4	13		52	0	14	
	372	CAIRO ALMAZA (A)	200	8	10	00	2	7	Ci	17.6	-1.3	15	4	12	+3	48	0	15	
	374	CAIRO EZBEKIYA										13	6	10	+1	63	0	18	8
	375	GIZA	200	7	10	03	—	6	Sc,As	18.0	-1.5	12	7	9	+2	72	0	19	9
	378	HELWAN	00	0	10	02	2	8	Ac,Ci	18.2	-1.14	14	5	12	+3	55	0	11	7
UPPER EGYPT	381	FAYOUM	00	0	20	02	2	7	As	18.7	-0.7	12	6	9	+2	67	0	6	8
	387	MINYA (A)	00	0	8	02	2	7	Ac,Ci	18.9	-0.9	12	7	10	+4	76	0	25	
	393	ASYOUT (A)	00	0	10	01	2	7	Ac,As	18.9	-1.2	14	5	12	+5	55	0	0	
	399	NAG' HAMADI	00	0		01	0	5	As,Cs	18.3	-1.2	13	7	6	-1	67	0	0	
	402	QENA	00	0	10	03	1	5	Ac	18.2	-0.6	13	4	8	0	55	0	0	
	405	LUXOR (A)	330	2	22			5	Cs	18.3	-0.8	11	6	8		71	0	0	
	414	ASWAN	00	0	12	02	2	5	Ci	17.2	-1.7	15	7	11	0	59	0	0	
OASES	417	SIWA	320	5	15	02	0	2	Ac	19.0	-1.6	9	6	8	+3	82	0	19	4
	420	BAHARIYA	00	0	20	02	2	7	Ac	19.1	-1.1	12	7	10	+5	72	0	2	4
	423	FARAFRA	230	5	15	03	2	7	Cs	20.7		14	-2	13		34	0	0	
	432	DAKHLA	00	0	10	03	2	7	As,Cs	20.3	-0.1	12	0	6	0	44	0	0	
	435	KHARGA	00	0	10	02	2	7	As,Cs	17.1	-2.1	12	2	9	+2	51	0	0	
RED SEA	450	SUEZ	00	0	20	00	0	5	Cu	17.4	-1.3	14	10	10	0	77	0	14	8
	459	TOR																	6
	462	HURGHADA	200	5	22	02	2	8	Ac	17.5	+0.2	17	4	12	+1	42	0	0	
	465	QUSEIR	280	8	20	03	0	7	Sc,Ac,Cc	17.3	-0.2	17	9	15	0	60	0	0	4
	641	PORT SUDAN	320	8	20	00	6	7	Sc	15.0		23	19	22		79	0		
NORTH SUDAN	600	WADI HALFA	00	0	20	03	1	4	Cs	17.2		12	4	9		59	0		
	640	ABU HAMAD	360	6	24	03	0	6	Ci	14.5		19	5	15		46	0		
	660	KAREIMA	20	0	21	01	1	1	Ci	14.7		15	3	12		45	0		
	680	ATBARA	20	6	20	02	0	0		12.8		19	10	15		56	0		
	721	KHARTOUM	360	12	20	02	0	0	—	11.9		19	5	16		40	0		
	730	KASSALA	00	0	20	02	0	0	—	10.6		22	17			74	0		
CENTRAL SUDAN	751	WAD MEDANI	50	5	20	02	0	0	—	11.8		20	7	13		43	0		
	801	RENK																	
	802	ROSEIRES	310	2	20	02	0	1	Ac	10.5		23	9	18		41	0		
	771	EL OBEID	20	6				0	—	10.3		21	2	13		29	0		
	760	EL FASHER	330	3	30	02	0	0	—	16.4		13	-1	9		38	0		
	770	GENEINA	60	7	50	02	0	0	—	15.3		20	-5	12		18	0		
S. SUDAN	840	MALAKAL	30	13	20	04	1	2	Ac	10.2		25	5	20		28	0		
	880	WAU	360	1	20	02	0	0		9.3		23	13	20		63	3		
	941	JUBA	20	1	24	02	2	6	Ac,Ci	9.4		25	18	20		65	0		

RETARDS — DATE

SHIP REPORTS in code.

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND [illegible]

BY PILOT [illegible]

STATION	S.Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12		25-12	
TIME	14		15		14		13,45		14		14		14		[illegible]		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	15	290	13	290	21	270	10	340	10	310	12	360	9	350	8	300	4	[illegible]	[illegible]	340	12
600 m.	270	14	280	14	290	31	270	11	320	12	320	12	350	12	20	10	300	11	320	[illegible]	350	9
1000 m.	270	15	290	13	290	30	270	14	320	17	340	14	340	22	20	25	300	13	310	20	350	12
1500 m.	290	15	290	10	280	23	260	21	290	12	320	11	10	16	60	17	300	21	280	8	340	10
2100 m.	280	18	290	18	300	13	250	30	300	22	300	16	10	20	330	3	260	25	290	17	320	14
2400 m.	290	23	280	18			250	33	280	22	300	23	10	21	220	5	260	40	300	16	220	25
3000 m.	260	20	260	20			250	44	280	36	300	26			280	11	240	35	310	38		
4000 m.			250	28			250	46														
5000 m.			260	30			250	46														
6000 m.			250	42			250	53														

STATION	Kharga		Hurghada				Cairo (A)		Minya		Asyout		Aswan		Siwa				Kharga		Hurghada	
DATE	25-12		25-12				26-12		26-12		26-12		26-12		26-12				26-12		26-12	
TIME	14		14				5		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	11	320	14			260	7	10	10	340	7	20	11	290	12			10	16	320	28
600 m.	20	19	300	15			250	6	360	12	40	15	70	16	280	12			10	16	230	16
1000 m.	360	14	280	14			260	4	10	9	350	10	50	11	280	10			40	12	320	20
1500 m.	360	13	330	15			220	6	280	14	320	10	50	17	240	14			110	9	60	3
2100 m.	310	12	300	23					230	7	270	9	30	13	240	11			180	11	180	2
2400 m.	360	10	270	28					280	25	270	13	230	5	210	18					240	8
3000 m.	360	12	240	21							250	22	210	3	260	23					220	16
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrani		Matruh		Alex. (A)		Cairo (A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Dakhla	
DATE	26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12	
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	25	250	18	270	23	250	6	350	8	350	8	340	3	20	9	260	12	360	10	30	6
600 m	260	32	260	23	270	27	250	6	350	9	10	12	350	8	70	12	260	12	340	12	30	10
1000 m.	250	33	260	21	50	25	230	8	310	13	330	13	350	10	80	17	270	17	320	13	20	12
1500 m.	250	33	260	18			250	13	290	12	320	2	10	31	60	12	270	14	280	19	360	8
2100 m.	250	17					260	40	250	6	[illegible]	8	40	18	150	5	260	23	270	28	200	18
2400 m.	240	14					260	12			250	[illegible]	60	18	240	3			260	20	220	16
3000 m.											230	[illegible]	130	17	130	9			240	24		
4000 m.																			260	45		
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATION

BY RADIOSONDE [illegible]

STATION	Cairo (A)					Matruh														
DATE	25-12					25-12														
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	19				25	14													
1000 mb.	156	18		270	7	156	13		300	10										
950 mb.																				
900 mb.																				
850 mb.	1514	7		260	21	1505	5		260	10										
800 mb.																				
700 mb.	3080	-9		250	44	3067	-2		250	26										
600 mb.																				
500 mb	5680	-18		250	43	5665	-19		250	38										
400 mb.	7304	-31		250	69	7286	-32		260	50										
300 mb.	9277	-46		250	77	9247	-48		250	62										
200 mb.	11930	-51				11860	-51		270	85										

REMARKS :

1. Wind direction is in whole degrees east of [illegible]
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 26th DECEMBER, 1956

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. Low clouds developing Lower Egypt, increasing coastal areas. Risk of light showers in the west. Moderate westerly winds in the north, light variable otherwise.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04.49 U.T. / " " Sunset 15.02 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 %	Rain past 12 hrs. mms.
Mediterranean	62300	SALLOUM	290	15	18	02	0	1	cu	17.5	18	2	34	
	303	SIDI BARRANI	270	16	18	02	0	3	cu	16.4	17	12	72	
	306	MATRUH (A)	240	14	16	02	0	2	Sc, cu	16.6	17	10	64	
	309	EL DABA'A	320	8	20	00	0	0	—	16.6	18	6	46	
	319	ALEXANDRIA	270	16	20	01	1	3	cu	16.3	19	12	64	
	318	ALEXANDRIA (A)	280	17	12	02	2	6	cu	16.1	20	11	56	
	330	DAMIETTA	200	5	20	01	1	1	cu	16.2	21	7	41	
	333	PORT SA'ID (A)												
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	310	9	20	01	0	2	cu	16.3	20	11	56	
	342	MANSURA	220	5		00	0	0	—	16.2	21	7	41	
	348	TANTA	220	7	20	02	0	0	—	17.1	20	8	46	
	360	SHEBIN EL KOM	250	5	20	00	0	0	—	16.4	20	3	33	
	354	ZAGAZIG	220	1	20	02	0	0	—	15.9	22	13	57	
	441	ISMA'ILIA	250	4	20	01	0	0	—	16.6	23	6	22	
Cairo Area	366	CAIRO (A)	250	16	16	02	0	1	ci	16.5	20	4	35	
	372	CAIRO ALMAZA (A)	220	15	18	02	0	4	ci	16.3	21	2	29	
	374	CAIRO EZBEKIYA												
	375	GIZA	290	7	10	01	1	1	ci	17.0	21	5	35	
	378	HELWAN	200	6	20	01	1	1	ci	16.9	20	3	33	
Upper Egypt	381	FAYOUM	330	4	20	01	1	3	ci	17.4	20	6	41	
	387	MINYA (A)	300	6	8	01	2	4	Ac, ci	17.3	22	-2	20	
	393	ASYOUT (A)	340	3	14	02	2	7	Ac, As	17.6	21	3	31	
	399	NAG' HAMADI	00	0	10	01	0	5	Ac, cs	17.2	21	11	53	
	402	QENA	290	2	20	02	1	5	Ac	17.6	22	9	44	
	405	LUXOR (A)	340	3	22	03	2	7	cs	15.8	23	8	38	
	414	ASWAN	340	8	16	02	0	6	ci	14.6	25	8	34	
Oases	417	SIWA	300	12	16	02	0	0	—	19.2	17	6	49	
	420	BAHARIYA	320	4	20	01	2	2	Ac	17.5	20	11	56	
	423	FARAFRA	320	2	20	01	2	2	ci	19.3	21	1	27	
	432	DAKHLA	340	8	10	02	2	7	Ac, ci	18.3	21	-3	20	
	435	KHARGA	360	1	15	02	2	7	cs	15.2	23	0	22	
Red Sea	450	SUEZ												
	459	TOR												
	462	HURGHADA	340	3	22	02	2	8	Ac, cs	16.3	23	8	38	
	465	QUSEIR	340	6	20	03	2	5	Sc, Ac, cc	15.9	23	11	47	
	641	PORT SUDAN	40	8	30	01	6	5	Sc	11.9	27	24	84	
North Sudan	600	WADI HALFA	360	9	20	02	1	4	Ac, cs	13.2	22	6	36	
	640	ABU HAMAD	50	5	24	02	0	0	—	9.0	30	14	38	
	660	KAREIMA	40	1	21	02	0	0	—	10.7	29	12	35	
	680	ATBARA	330	8	20	02	0	0	—	7.6	31	13	33	
	721	KHARTOUM	360	9	20	02	0	0	—	7.3	32	11	28	
	790	KASSALA	320	2	20	02	0	0	—	3.9	37	10	19	
Central Sudan	751	WAD MEDANI	260	9	20	02	0	0	—	6.3	34	8	20	
	801	RENK	310	9	20	02	0	0	—	7.6	33	11	26	
	802	ROSEIRES	50	5	20	02	0	1	ci	3.5	37	4	13	
	771	EL OBEID	20	10	20	02	0	0	—	6.8	30	3	18	
	760	EL FASHER	360	7	35	02	0	0	—	8.2	30	1	16	
	770	GENEINA	70	4	14	03	0	1	ci	8.4	31	-3	11	
S. Sudan	840	MALAKAL	20	12	20	01	0	1	Ac	5.2	35	4	14	
	880	WAU	40	7	20	03	1	6	Ac, As	4.0	35	8	19	
	941	JUBA	20	7	24	02	0	1	cu	2.4	37	14	25	

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.
SALLOUM	270	10	12	01	1	2	Sc, cu	18.8	19	1	18	-2	44	0
SIDI BARRANI	230	11	12	02	0	4	cu	18.1	12	10	17		88	0
MATRUH (A)	220	11	10	02	0	0	—	19.0	11	9	18		88	0
EL DABA'A	270	5		00	0	2	As	18.7	12	8	18		77	0
ALEXANDRIA	310	12	20	02	0	2	cu	18.8	16	12	19	-1	77	0
ALEXANDRIA (A)	280	7	12	00	8	6	cu, Sc	18.2	16	12	20	+1	77	dr
DAMIETTA	250	5		00	0	0	—	18.0	15	11	21	+2	77	0
PORT SA'ID (A)														
EL 'ARISH														
DAMANHUR	130	5	10	01	0	1	cu	18.0	13	9	21	0	77	0
MANSURA	00	0		02	0	0	—	18.7	14	10	21	0	77	0
TANTA	00	0	20	02	0	0	—	19.6	11	9	21	0	88	0
SHEBIN EL KOM	320	2	10	00	0	0	—	19.0	13	4	21		55	0
ZAGAZIG	00	0	10	02	0	0	—	19.2	14	8	24	+4	67	0
ISMA'ILIA	260	3	20	01	0	0	—	19.0	15	9	24		68	0
CAIRO (A)	300	2	16	02	0	0	—	19.9	14	8	21		67	0
CAIRO ALMAZA (A)											22	+2		
CAIRO EZBEKIYA											23	+3		
GIZA	00	0	5	00	1	0	—	19.6	10	7	22	+2	82	0
HELWAN	290	7	10	02	0	0	—	19.4	15	4	20	+1	48	0
FAYOUM	330	4	20	01	0	0	—	19.1	13	7	21	-1	67	0
MINYA (A)	360	5	7	02	1	0	—	19.0	13	6	23	+2	63	0
ASYOUT (A)	00	0	10	01	1	2	Ac	18.9	17	3	21	0	39	0
NAG' HAMADI	00	0		01	0	3	As	18.4	16	10	22	-1	68	0
QENA	270	2		03	1	5	Ac	17.8	16	8	22	-1	59	0
LUXOR (A)														
ASWAN	350	4	12	01	2	0	—	16.1	20	4	25	+1	35	0
SIWA	270	4	14	02	0	0	—	20.0	12	4	18	-3	59	0
BAHARIYA	00	0	10	02	0	0	—	21.0	13	6	21	+1	63	0
FARAFRA	320	1	12	02	1	3	Ac	22.0	15	3	22		45	0
DAKHLA	320	4	6	01	2	3	ci	19.4	17	-3	22	0	26	0
KHARGA	00	0	7	01	2	3	Ac	16.7	18	2	24	+1	34	0
SUEZ	310	2	10	01	0	0	—	18.3	17	4	22	+1	42	0
TOR														
HURGHADA	320	9	10	02	0	8	Ac, cs	17.9	18	7	23	+2	49	0
QUSEIR	290	6	20	01	2	4		16.2	21	12	24	0	57	0
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 WEDNESDAY 26th DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	220	18	18	02	0	0	—	18.2	+0.7	9	-2	9	-1	47	0	164	
SIDI BARRANI	230	12	12	01	1	4	cu	18.1		9	9	7		97	0	129	
MATRUH (A)	240	15	16	02	0	2	cu	19.1	+0.5	9	5	7		76	0	127	
EL DABA'A	220	6	10	00	0	0	—	19.5		8	6	7		88	0	90	
ALEXANDRIA	220	10	20	03	6	4	ch	19.5		13	11	12	+1	88	9	96	86
ALEXANDRIA (A)	230	3	12	02	2	6	cu	19.1	+1.1	12	10	11	0	88	3	67	63
DAMIETTA	200	2		03	0	1	cu	19.1	+1.0	9	9	6	-3	97	0	103	36
PORT SA'ID (A)																	
EL 'ARISH																	
DAMANHUR	230	2	10	03	0	2	cu	19.0	+0.3	10	8	8	-1	88	0	52	33
MANSURA	00	0		00	0	0	—	19.5		9	7	8	0	88	0	39	15
TANTA	220	5	20	02	0	0	—	20.3	+1.2	10	8	6	-1	88	0	26	12
SHEBIN EL KOM	250	2	10	00	0	0	—	19.5	+0.3	11	7	9		77	0	28	
ZAGAZIG	220	1	10	02	0	0	—	19.2	0.0	9	4	6	-1	71	0	22	9
ISMA'ILIA	220	2	20	01	0	0	—	20.2		10					0	11	
CAIRO (A)	220	5	14	02	0	3	cu	19.8		13	8	9		72	0	14	
CAIRO ALMAZA (A)	180	9	10	00	2	6	Sc, cu	20.0	+1.1	12	6	9	0	67	0	15	
CAIRO EZBEKIYA										12	6	10	+2	67	0	18	8
GIZA	190	2	10	03	—	6	cu	20.4	+0.9	9	6	6	-1	82	0	19	9
HELWAN	00	0	4	05	0	0	—	20.6	+1.0	10	6	9	0	76	0	11	7
FAYOUM	00	0	20	02	0	0	—	21.2	+1.8	9	7	6	-1	88	0	6	2
MINYA (A)	320	5	7	02	0	2	Ac	20.0	+0.6	7	2	5	-1	71	0	dr	
ASYOUT (A)	70	3	8	02	2	7	Ac, As	20.4	+0.3	11	2	10	+3	54	0	0	
NAG' HAMADI	00	0		01	0	5	As, cs	18.7	-0.8	14	8	11	+4	67	0	0	
QENA	270	2	10	03	1	4	Ac	18.3	0.5	13	7	10	+2	67	0	0	
LUXOR (A)	00	0	22	00	0	0	—	17.6	-1.6	16	3	9		42	0	0	
ASWAN	00	0	12	01	0	0	—	16.7	-2.2	15	7	11	0	59	0	0	
SIWA	00	0	15	02	0	0	—	20.1	-0.5	5	2	4	-1	81	0	19	4
BAHARIYA	00	0	20	02	1	4	Ac	22.5	+2.3	8	5	5	0	82	0	dr	4
FARAFRA	220	2	15	03	1	6	Ac	23.1		8	3	6		71	0	0	
DAKHLA	200	2	14	03	5	5	Sc, Ac	20.3	-0.2	14	-1	10	+4	86	0	0	
KHARGA	360	8	5	01	2	3	Ac	16.8	-2.4	16	3	13	+6	42	0	0	
SUEZ	90	1	20	00	0	0	—	19.4	+0.7	12	8	6	-4	77	0	14	8
TOR																	6
HURGHADA	300	16	20	03	2	7	Ac, As	18.2	+0.9	16	8	15	+4	89	0	0	
QUSEIR	320	9	20	03	2	7	Sc, Ac, cc	16.8	-0.7	20	8	18	+3	46	0	0	4
PORT SUDAN	340	7	20	03	0	4	Sc	16.5		24	22			89	9		
WADI HALFA																	
ABU HAMAD	360	5	24	02	0	0	—	13.4		20	9			49	0		
KAREIMA	30	1	21	02	0	0	—	13.5		18	10			60	0		
ATBARA	10	7	20	02	0	0	—	11.7		21	13			61	0		
KHARTOUM	360	11	20	03	0	1	Ac, ci	11.4		21	10			50	0		
KASSALA	00	0	20	02	0	0	—	9.9		23	15			61	0		
WAD MEDANI	360	5	20	02	0	0	—	12.4		19	8			49	0		
RENK	360	5	20	02	0	0	—	13.2		21	1			27	0		
ROSEIRES																	
EL OBEID	360	6	20	03	0	1	ci	13.0		18	1			32	0		
EL FASHER	10	4	40	03	0	2	ci	16.4		13	-1			38	0		
GENEINA	40	7	50	02	0	2	cs	15.4		15	-6			23	0		
MALAKAL	00	8	20	01	2	5	Ac, cs	11.1		24	4			28	0		
WAU	00	0	20	03	1	4	Ac	10.0		20	14			69	0		
JUBA	320	2	10	07	0	4	Ac, ci	8.9		25	13			48	0		

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		Aswan		Siwa		Bahariya		Farafra	
DATE	26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12		26-12	
TIME	14		15		14		14 30		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	260	21	250	17	280	10	320	10	320	17	20	8	350	11	270	20	310	23	340	12
600 m.	260	31	270	26	260	17	260	10	320	10	330	15	10	9	20	10	270	17	310	25	340	11
1000 m.	250	33	270	29	260	33	250	11	320	12	350	13	350	11	360	10	280	18	310	31	340	11
1500 m.	250	43	260	29	270	35	260	20	300	16	320	12	360	13	320	2	270	31	300	31	300	17
2100 m.	280	40	260	33	270	33	260	28	300	29	290	10	40	13	340	13	280	31	280	16	260	17
2400 m.			260	34			250	33			280	8	30	9	230	12	280	27	50	24	250	25
3000 m.			270	37			240	28			240	30			10	15						
4000 m.			270	43			260	33														
5000 m.			270	46			260	38														
6000 m.			270	45			250	46														

STATION	Dakhla		Kharga		Hurghada				Cairo (A)		Asyout				Farafra		Dakhla		Kharga		Hurghada	
DATE	26-12		26-12		26-12				27-12		27-12				27-12		27-12		27-12		27-12	
TIME	14		14		14				5		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.	350	13	330	9	320	32			70	13	350	17			20	9	20	3	10	14	320	23
600 m.	310	11	330	14	290	12			80	13	360	16			360	12	20	16	20	17	340	13
1000 m.	10	8	20	10	300	20			260	10	350	14			350	9	20	18	20	10	320	21
1500 m.	330	17	90	1	270	22			90	3	290	18			30	8	20	12			230	8
2100 m.	260	10	350	9	140	13					300	14			320	5					200	6
2400 m.					210	10					300	10			310	10					210	3
3000 m.					250	34					300	17			290	9					300	11
4000 m.																						
5000 m																						
6000 m																						

STATION	Salloum		Matruh		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12	
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	16	180	27	270	23	230	14	170	7	340	10	350	9	10	5	350	11	330	10	290	6
600 m	320	13	200	23	260	27	280	13	250	5	340	11	360	16	20	13	20	17	330	10	300	8
1000 m.	320	12	190	20	290	17	270	16	280	9	340	10	360	17	30	17	50	16	310	8	320	14
1500 m.	320	12			280	10	290	15	290	9	320	14	360	15	350	6	30	13	310	8	340	16
2100 m							260	13	290	10			320	5	270	8	300	4	290	10	10	10
2400 m							240	14	290	13			340	6	240	12	280	7	270	13	350	6
3000 m.									280	19					110	20			260	17	320	12
4000 m.																			270	20	270	16
5000 m.																			260	24	280	14
6000 m.																					290	28

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	26-12					26-12														
TIME	14,30					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	12													
1000 mb.	163	16		330	10	155	11		260	20										
950 mb.																				
900 mb.																				
850 mb.	1510	4		260	20	1495	4		260	29										
800 mb																				
700 mb.	3070	-4		240	28	3059	-2		270	38										
600 mb.																				
500 mb.	5619	-25		250	41	5662	-18		270	49										
400 mb.	7190	-40		250	46	7283	-33		270	63										
300 mb.	9112	-48		250	68	9240	-48													
200 mb.						11840	-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. 1

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE THURSDAY 27th DECEMBER, 1956

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:

Slight cooling. Low clouds will appear in Cairo and Lower Egypt with a chance of coastal rain. Fine weather in Upper Egypt. W'ly moderate winds in the whole Republic.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 4 .... 49 ....U.T.
" " Sunset: 15 .... 03 ....U.T.

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

At 1200 on 26TH

Wind Direction Deg.	Wind Velocity in 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 %
230	24	18	02	0	0	—	17.0	17	6	20
250	25	18	01	0	0	—	16.8	16	7	56
240	6	16	03	0	2	Sc, Cu	17.5	16	3	42
270	8	18	00	0	0	—	17.6	17	1	34
270	14	18	03	0	5	Cu	18.6	17	9	60
260	16	12	02	0	2	Cu	18.2	19	9	52
250	5	20	03	1	6	Cu	18.2	18	10	60
270	9	20	01	0	2	Cu	18.3	19	4	37
220	5	4	03	1	4	Cu	18.4	20	8	46
240	7	20	01	0	0	—	18.2	19	9	52
250	5	20	00	0	0	—	18.4	19	4	37
220	1	20	03	1	4	Cu	18.6	20		64
220	4	20	01	0	0	—	18.7	20	6	41
280	12	16	01	0	1	Sc	18.4	18	6	46
250	14	20	01	0	1	Cu	18.4	18	6	46
300	7	10	01	0	1	Cu	19.0	18	6	46
290	8	20	03	0	1	Cu	18.8	18	6	46
290	4	20	02	0	0	—	19.2	18	5	43
260	8	7	03	0	4	Ac	18.8	20	4	35
330	8	14	02	2	5	Ac	18.6	20	1	28
020	2	10	01	0	3	Ac, Ci	16.4	23	10	44
290	2	20	02	1	2	Ci	15.5	24	9	38
240	3	22	02	0	2	Ac	14.9	26	4	25
360	14	16	01	2	3	Cc	13.5	26	10	37
300	15	16	02	0	0	—	20.2	18	2	34
320	3	20	01	1	0	—	19.8	18	10	60
340	11	18	03	2	5	Ac, Ci	18.4	21	1	27
230	7	30	01	1	2	Cu	18.6	22	3	29
00	0	50	02	0	0	—	18.0	19	7	46
330	16	22	02	2	7	Cu	16.4	20	11	56
340	15	18	01	2	6	Sc, Cu, Ac	15.7	23	12	50
090	4	20	03	1	5	Sc	12.0	28	23	74
360	11	20	03	0	2	Ac, Ci	13.1	26	10	32
020	2	24	02	0	0	—	9.2	31	14	26
00	0	20	02	0	0	—	9.3	31	15	28
230	6	20	02	0	0	—	7.6	32	18	30
360	6	20	03	0	1	Ci	7.4	32	11	28
030	4	20	02	0	0	—	4.3	27	9	18
360	6	20	02	0	0	—	6.2	34	9	22
310	5	20	02	0			3.1	27	8	17
040	7	20	03	0	2	Ci	6.6	31	9	26
020	5	40	02	2	6	Ci	8.1	31	6	9
090	2	50	03	0	2	Ci				
030	9	20	03	2	6	Cu	3.1	27	5	13

At 1800 on 26TH

Wind Direction Deg.	Wind Velocity in 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. mm.
250	18	12	02	0	0	—	18.3	14	0	18	-2	39	0
230	16	12	01	0	0	—	17.2	12	8	16		77	0
200	14	10	02	0	0	—	18.7	10	5	16		71	0
250	5	4	00	0	0	—	18.8	10	3	18		62	0
270	20	20	01	1	3	Cu	20.0	15	7	18	-1	59	0
260	17	12	01	2	0	—	19.8	15	4	19	0	48	0
220	2		00	0	0	—	19.1	13	7	18		67	0
310	2	10	02	0	1	Cu	19.2	12	5	20	-1	63	0
00	0		00	0	2	Cu	20.0	12	5	20		63	0
00	0	20	02	0	0	—	20.6	9	7	20	-1	88	0
320	2	10	00	0	0	—	20.4	12	8	20		77	0
220	1	10	02	0	0	—	19.6	13	9	22	+2	77	0
250	2	20	02	0	0	—	20.4	14	5	21		55	0
240	5	12	02	0	0	—	20.6	13	4	18		55	0
										19	0		
										21	+1		
00	0	10	02	0	0	—	21.2	8	6	19	-1	76	0
290	2	10	02	0	0	—	21.0	14	3	18	-2	48	0
00	0	20	02	0	0	—	21.2	13	7	19	-2	67	0
300	3	8	02	1	0	—	20.6	11	4	20	0	63	0
00	0	10	01	1	0	—	21.0	14	4	20	-1	62	0
00	0	5	01	0	0	—	19.1	15	9	24	+2	68	0
00	0		02	0	0	—	17.9	17	9	25	+2	60	0
00	0	10	01	1	1	Ci	16.6	20	6	26	+2	41	0
300	1	14	00	0	0	—	21.2	10	2	18	-3	58	0
320	2	10	02	0	0	—	22.8	10	3	20	0	62	0
00	0	12	02	0	0	—	23.1	13	-2	20		36	0
310	8	8	02	1	0	—	20.8	16	-1	21	-1	32	0
350	1	8	00	0	0	—	18.0	16	1	23	0	36	0
270	1	10	02	0	0	—	19.8	15	4	21	0	48	0
310	13	10	02	0	3	Ac, Ci	18.0	17	9	22	+1	60	0
310	10	20	01	2	5	Sc	17.7	19	12	23	-1	64	0
00	0	20	01	1	8	Sc	12.9	26	-1	29		84	0
350	12	20	01	0	0	—	16.5	22	1	27		28	0
360	5	24	02	0	0	—	11.2	26	11	32		40	0
320	1	21	02	0	0	—	12.0	24	3	31		26	0
350	4	20	02	0	0	—	10.4	25	13	33		48	0
360	5	20	01	0	0	—	9.9	27	11	34		37	0
360	4	20	01	1	0	—	8.0	25	11	37		42	0
360	6	20	01	1	0	—	10.1	23	8	32		41	0
040	5	20	03	1	7	Cu	9.9	24	-3	32		17	0
020	3	50	02	0	0	—	10.8	23	6	24		34	0
060	2	20	01	2	1	Ac	8.2	27	10	36		35	0
350	1	20	01	0	0	—	6	26	12	37		42	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' 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

Remarks — Date

At 0600 on THURSDAY 27TH DECEMBER 1956

Wind Direction Deg.	Wind Velocity in 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 mm. Prev. 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
270	20	20	02	0	0	—	19.9	+2.4	10	1	9	-1	64	0	164	
240	17	12	02	2	5	Sc	19.2		9	8	8		94	0	129	
240	17	16	01	0	1	Sc, Cu	19.9	+1.3	10	7	7		82	0	127	
270	9	10	00	0	0	—	19.8		9	4	7		71	0	90	
220	14	20	02	0	3	Cu	20.0	+1.2	12	9	10	-1	64	0	96	88
240	14	12	03	0	2	Cu, Sc	20.0	+2.0	10	5	10	0	71	0	67	64
200	2	10	00	0	0	—	20.6	+2.5	13	4	5	-4	55	0	103	37
230	5	10	02	0	1	Ci	20.0	+1.3	9	4	6	-3	71	0	52	32
00	0		00	0	0	—	20.7	+2.0	6	4	6	-2	87	0	39	15
200	3	20	02	0	0		20.4	+1.3	9	2	5	-2	67	0	26	13
320	2	10	00	0	0		20.7	+1.5	8	3	7		71	0	23	
220	1	10	02	0	0	—	20.6	+1.4	7	2	4	-3	71	0	22	9
220	2	20	01	0	0		21.8		9	4	6		71	0	11	
190	12	16	02	0	0	—	22.1		11	2	9		54	0	14	
170	12	15	00	0	0	—	21.8	+2.8	11	2	9		54	0	15	
									10	4	8	0	67	0	18	8
190	7	8	03	0	0	—	22.7	+3.2	9	5	5	-1	77	0	19	9
180	0	20	02	0	0	—	22.6	+3.0	9	2	7	-2	55	0	11	8
00	0	20	02	0	0	—	23.6	+4.1	7	3	4	-3	76	0	6	2
210	2	7	02	0	0	—	22.6	+2.7	5	1	2	-4	76	0	06	
00	0	12	02	0	0	—	23.0	+2.9	9	-2	6	-1	47	0	0	
00	0	4	01	0	5	As, Ci	21.5	+1.9	12	5	6	-1	63	0	0	
360	2	10	00	0	0	—	21.1	+2.3	11	4	7	-1	63	0	0	
120	4	22	02	0	0	—	20.7	+1.5	12	2	7		51	0	0	
030	2	10	02	0	0	—	19.9	+0.9	16	3	12	+1	42	0	0	
00	0	16	02	0	1	Ci	22.8	+2.1	5	-2	5	+1	61	0	19	4
00	0	20	02	0	0	—	22.8	+2.6	7	2	1	-4	71	0	2	4
00	0	15	03	0	3	Ci	25.0		5	-6	5		45	0	0	
00	0	15	03	0	4	Ac, Ci	23.0	+2.5	9	-2	6	0	47	0	0	
360	2	10	03	1	7	Ci	20.0	+0.8	13	2	9	+2	48	0	0	
00	0	20	00	0	0	—	21.4	+2.6	9	4	4	-6	71	0	14	8
280	14	22	02	0	0	—	19.4	+2.1	14	5	12	+1	55	0	0	
300	10	20	01	2	0	—	19.2	+1.6	18	8	16	+1	62	0	0	4
350	12	20	03	0	3	Sc	16.4		25	9	22		84	0		
020	10	20	02	0	0	—	18.1		16	1	12		39	0		
360	5	24	02	0	0	—	14.6		20	7	18		47	0		
040	3	21	02	0	0	—	14.6		19	11	17		60	0		
010	6	20	02	0	1	Ci	13.0		22	15	18		65	0		
010	13	20	03	0	2	Ci	12.6		22	11	19		50	0		
310	1	20	02	0	1	Ci	11.8		22	14	15		61	0		
360	5	20	02	0	2	Ci	12.8		21	10	15		50	0		
310	5	20	02	0	2	Ac	13.3		22	12	16		53	0		
360	2	10	02	1			19.2		28	18	23		47	0		
00	0	40	01	2	3	Ci	16.9		13	-1	9		38	0		
050	10	50	03	0	2	Ci	15.2		17	-5	14		22	0		
00	0	20	03	2	6	Cu	9.8		21	14	18		65	0		
010	1	20	01	2	7	As	10.4		24	17	20		65	0		

* 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		Baharcya		Farafra		Dakhla	
DATE	27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12	
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
300 m.	310	13	310	14	270	7	350	10	320	12	10	9	30	10	270	10	320	8	10	4	350	6
600 m.	310	13	320	16	290	8	340	12	350	9	10	9	40	10	290	7	320	10	10	4	20	21
1000 m.	300	12	320	17	290	9	240	14	360	12	30	6	30	10	300	7	320	8	10	6	40	13
1500 m.	270	12			290	8	290	3	350	4	120	3	70	10	320	5	330	10	320	2	100	27
2100 m.	280	18			280	10			330	4	240	10	60	7	240	11	350	7	300	4		
2400 m.	270	20			270	13					220	8	60	3	260	7	290	10	240	6		
3000 m.	260	23			260	17					40	7	240	7	290	12	270	9	220	11		
4000 m.	270	25			270	26									250	16	240	9	240	17		
5000 m.	260	27			260	31									250	27						
6000 m.	260	37			250	39																

STATION	Kharga		Hurghada				Cairo(A)		Asyout		Siwa				Dakhla		Farafra		Kharga		Hurghada	
DATE	27-12		27-12				28-12		28-12		28-12				28-12		28-12		28-12		28-12	
TIME	14		14				5		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.	10	14	330	20			10	3	330	11	360	6			70	7	30	7	20	17	320	16
600 m.	20	17	320	17			40	3	360	22	40	6			70	11	70	10	10	15	320	5
1000 m.	20	10	300	14			40	5	350	17	50	7			70	9	70	9	10	8	00	0
1500 m.	320	2	270	9					320	17	200	5			280	9	20	5	320	3	140	12
2100 m.	220	10	270	9					320	10	280	11			300	14	280	5	330	17	290	10
2400 m.	180	2									260	12			320	12	290	6			270	10
3000 m.											250	16					360	2			260	16
4000 m.																					240	22
5000 m.																						
6000 m.																						

STATION	Sallum		S.Barrani		Matruh		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Baharcya	
DATE	28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12	
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	8	210	4	280	4	60	3	200	12	10	13	10	6	330	4	10	12	110	8	50	8
600 m.	270	1	180	2	360	1	30	4	200	13	20	14	10	12	360	3	120	8	90	6	50	11
1000 m.	180	4	190	5	70	3	10	4	200	12	20	15	360	11	10	6	100	5	90	5	60	10
1500 m.	160	11	170	7	30	11	60	10	210	10			330	4	30	9	80	2	270	4	40	10
2100 m.	180	8	150	7	230	3	30	10					270	7	50	9			260	11	340	9
2400 m.			190	10	250	7									70	9			260	8	10	8
3000 m.			230	10											210	7			240	9		
4000 m.			240	17															260	19		
5000 m.																			260	31		
6000 m.																			270	35		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo(A)					Matruh														
DATE	27-12					28-12														
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	17				25	16													
1000 mb.	173	16		270	8	173	15		310	12										
950 mb.																				
900 mb.																				
850 mb.	1519	6		290	8	1525	5		270	12										
800 mb.																				
700 mb.	3103	-1		260	17	3089	-3		260	24										
600 mb.																				
500 mb.	5705	-19		260	36	5657	-22		250	39										
400 mb.	7325	-23		250	47	7258	-34		260	54										
300 mb.	9329	-47		260	60	9206	-49													
200 mb.	11930	-54		260	118															

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

...ER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE FRIDAY 28th DECEMBER, 1956

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 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
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:
Temperature around normal with some low clouds near coast. W/NW by moderate winds.
Fine weather in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 06 50 U.T.
" " Sunset 15 03 U.T.

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

At 1200 on 27th

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 %
62300 SALLOÛM	280	3	18	03	1	6	Cu, ci	19.5	18	3	37
303 SÎDI BARRÂNI	300	14	16	02	2	7	Sc, ci	19.0	17	12	72
306 MATRÛḤ (A)	280	12	16	02	2	6	Sc	19.3	16	12	77
309 EL ḌAB'AA	320	11	20	00	0	3	Ci	19.4	17	11	68
319 ALEXANDRIA	270	14	20	03	0	5	Cu	19.5	17	11	68
318 ALEXANDRIA (A)	260	16	12	03	2	6	Cu, Sc	19.0	18	13	73
330 DAMIETTA	200	5		03	6	8	Cu, Sc	19.0	17	11	68
333 PORT SA'ÎD (A)											
336 EL 'ARISH											
339 DAMANHÛR	230	9	20	03	0	2	Cu	19.1	20	11	56
342 MANṢÛRA	220	5	14	03	1	6	Cu	19.5	17	9	60
348 ṬANṬA	220	5	20	02	0	0	—	20.0	19	7	46
360 SHEBÎN EL KÔM	290	5	20	00	0	0	—	19.7	19	4	37
354 ZAGAZIG	180	1	20	02	0	0	—	19.9	19	12	64
441 ISMA'ÎLIA	250	5	20	02	0	0	—	19.8	19	4	37
366 CAIRO (A)	260	8	16	02	0	0	—	19.8	18	3	37
372 CAIRO ALMÁZA (A)	240	10	20	02	0	0	—	19.5	19	4	37
374 CAIRO EZBEKÎYA											
375 GIZA	200	7	10	02	0	1	Cu	20.6	18	11	64
378 ḤELWÂN	00	0	20	02	0	0	—	20.3	17	4	42
381 FAYOÛM	00	0	20	02	0	0	—	20.3	17	3	39
387 MINYA (A)	00	0	8	03	0	2	Ci	19.9	18	2	34
393 AṢYOÛṬ (A)	240	6	20	03	0	4	Ci	20.1	18	3	37
399 NAG' ḤAMÂDI	20	2	10	01	0	3	Ac, cs	17.9	22	9	44
402 QENA	290	3	20	03	1	1		17.2	22	3	29
405 LUXOR (A)	330	4	22	02	0	2	Ci	17.7	23	2	26
414 ASWÂN	320	9	16	02	0	0	—	16.2	25	0	19
417 SÎWA	300	8	16	03	1	5	Cu, cs	21.2	18	6	46
420 BAḤARÎYA	320	3	10	02	2	7	Ci	22.1	19	8	49
423 FARAFRA	20	2	20	03	0	7	Cs	21.9	16	-5	24
432 DAKHLA	350	3	20	03	1	5	Ci	19.9	18	-1	28
435 KHARGA	340	5	20	02	2	5	Ci	17.2	20	0	26
450 SUEZ	00	0	50	02	0	0	—	19.8	19	1	30
459 TÔR											
462 HURGHÂDA	340	20	22	02	0	2	Ci	17.5	21	8	44
465 QUSEIR	330	13	20	03	0	4	Cs	17.6	21	10	50
641 PORT SÛDÂN	20	13	20	01	1	8	Cu	12.8	27	26	94
600 WÂDI ḤALFA	40	12	20	02	0	0	—	14.0	28	8	29
640 ABU ḤAMAD	360	5	24	03	0	1	Cu	10.2	31	13	33
660 KAREIMA	20	3	21	02	0	0	—	10.4	30	16	43
680 'ATBARA											
721 KHARṬOÛM	10	8	20	02	0	1	Ci	7.6	33	9	23
730 KASSALA	30	4	20	02	0	2	Ci	6.7	33	13	30
751 WÂD MEDANI											
801 RENK	310	5	20	02	0	3	Ac, ci	7.9	34	13	29
802 ROSEIRES	50	5	20	02	0	1	Ci	3.0	37	11	20
771 EL OBEID	40	7	20	02	0	1	Ci	6.9	31	5	19
760 EL FASHER	10	6	40	02	0	1	Cs	8.9	30	-3	11
770 GENEINA	50	5	50	03	1	4	Cs	8.2	32	-3	10
840 MALAKÂL											
880 WÂU	90	7	20	02	2	6	Cs	4.0	37	19	35
941 JUBA	50	5	20	04	0	3	Cu, ci	3.5	34	15	27

At 1800 on 27th

Station	Wind Direction Deg.	Wind Velocity in 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	00	0	16	02	2	5	Sc, ci	20.5	14	3	19	-1	48	0
303 SÎDI BARRÂNI	220	7	10	01	0	3	Sc	20.3	13	10	18		82	0
306 MATRÛḤ (A)	260	7	12	01	1	0	—	20.6	12	8	18		77	0
309 EL ḌAB'AA	320	2	4	00	0	7	Cu	20.5	14	10	18		77	0
319 ALEXANDRIA	310	1	20	03	6	6	Cu	20.4	16	12	18	-1	77	1
318 ALEXANDRIA (A)	280	4	12	02	8	7	Cu, Sc	20.1	15	13	19	0	88	2
330 DAMIETTA	200	2		02	5	8	Sc	20.2	15	13	17	-2	88	1
333 PORT SA'ÎD (A)														
336 EL 'ARISH														
339 DAMANHÛR	310	2	10	03	0	3	Cu	19.4	15	9	21	0	68	0
342 MANṢÛRA	00	0	03	03	1	0	—	20.2	14	8	20	0	67	0
348 ṬANṬA	00	0	20	02	0	0	—	21.1	11	7	20	-1	77	0
360 SHEBÎN EL KÔM	290	2	10	00	0	0	—	21.3	11	7	20		77	0
354 ZAGAZIG	00	0	10	02	0	0	—	20.2	13	7	20	0	67	0
441 ISMA'ÎLIA	00	0	20	01	0	0	—	20.7	13	9	20		77	0
366 CAIRO (A)	260	4	10	02	1	0	—	21.5	13	6	18		63	0
372 CAIRO ALMÁZA (A)											21	+1		
374 CAIRO EZBEKÎYA														
375 GIZA	00	0	8	01	0	0	—	21.9	9	5	19	-1	76	0
378 ḤELWÂN	00	0	10	02	0	0	—	21.5	13	4	18	-1	55	0
381 FAYOÛM	360	4	20	02	0	0	—	21.1	11	7	17	-4	77	0
387 MINYA (A)	00	0	7	01	0	0	—	20.9	11	3	19	-1	58	0
393 AṢYOÛṬ (A)	00	0	10	02	0	0	—	20.7	13	3	19	-2	51	0
399 NAG' ḤAMÂDI	20	2		01	0	2	Ac	18.4	15	9	22	0	68	0
402 QENA	200	3		00	0	0	—	17.8	17	4	23	0	42	0
405 LUXOR (A)	00	0	12	02	0	0	—	16.6	20	-1	26	+2	24	0
414 ASWÂN														
417 SÎWA	00	0	14	02	1	5	Cs	21.1	12	7	18	-3	72	0
420 BAḤARÎYA	320	1	10	02	2	0	—	21.3	12	7	20	0	72	0
423 FARAFRA	00	0	12	00	2	0	—	22.1	11	-4	18		35	0
432 DAKHLA	310	4	8	01	2	2	Ci	20.2	13	-3	19	-3	34	0
435 KHARGA	350	1	8	01	2	3	Ac	17.2	15	-2	21	-2	32	0
450 SUEZ	00	0	10	02	0	0	—	20.6	13	7	21	0	67	0
459 TÔR														
462 HURGHÂDA	320	19	12	02	2	8	Cs	19.0	17	7	21	0	52	0
465 QUSEIR	320	11	20	01	1	0	—	17.9	19	7	22	-2	46	0
641 PORT SÛDÂN	360	12	20	02	1	4	Sc	14.9	25	11	29		42	0
600 WÂDI ḤALFA	20	9	20	02	0	0	—	15.6	21	5	29		35	0
640 ABU ḤAMAD	360	2	24	02	0	0	—	11.7	24	11	31		44	0
660 KAREIMA	360	4	21	02	0	0	—	11.8	27	14	32		45	0
680 'ATBARA	350	5	20	02	0	0	—	10.1	25	12	33		45	0
721 KHARṬOÛM	20	7	20	02	0	0	—	10.5	27	10	34		35	0
730 KASSALA	30	8	20	01	0	0	—	9.5	26	12	34		42	0
751 WÂD MEDANI														
801 RENK														
802 ROSEIRES														
771 EL OBEID	30	4	20	01	0	0	—	8.9	24	6	32		32	0
760 EL FASHER	40	3	20	02	1	7	Cs	10.7	22	1	32		25	0
770 GENEINA	00	0	50	01	2	4	Cs	10.9	23	15	33		61	0
840 MALAKÂL	60	5	20	01	2	5	Ac, cs	8.3	28	12	36		37	0
880 WÂU	00	0	20	01	0	0		6.2	29	14	37		40	0
941 JUBA	00	0	20	04	1	2	Ac, ci	5.9	25	15	37		54	0

At 0600 on FRIDAY 28th DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	230	4	18	01	0	1		20.3	+2.8	12	0	10	0	44	0	164	
303 SÎDI BARRÂNI	220	12	15	01	2	6	Sc, Ac	20.0		9	7	8		88	0	129	
306 MATRÛḤ (A)	220	9	16	01	1	4	Sc	20.8	+2.2	10	7	8		82	0	127	
309 EL ḌAB'AA	270	4	10	00	0	6	Ac	20.3		11	7	8		77	0	90	
319 ALEXANDRIA	00	0	4	03	4	7	As	20.8	+2.0	14	12	14	+3	88	1	98	90
318 ALEXANDRIA (A)	00	0	8	02	2	8	Sc, Ac, As	20.4	+2.4	12	11	12	+2	94	2	69	65
330 DAMIETTA	180	2	4	02	2	8	Sc	20.0	+1.9	11	9	6	-3	88	1	104	88
333 PORT SA'ÎD (A)																	
336 EL 'ARISH																	
339 DAMANHÛR	200	2	4	02	1	8	As	20.4	+1.8	13	11	8	0	88	0	52	34
342 MANṢÛRA	00	0		03	1	5	As	20.3	+1.7	12	10	9	+1	88	0	39	15
348 ṬANṬA	00	0	20	02	2	8	As	20.2	+1.1	11	11	5	-2	97	0	26	13
360 SHEBÎN EL KÔM	40	2	10	01	1	4	Sc	20.4	+1.2	11	9	9		88	0	23	
354 ZAGAZIG	00	0	10	02	0	0	—	19.9	+0.7	10	0	5	-2	50	0	22	9
441 ISMA'ÎLIA	180	1	20	03	2	8	As	20.6		10	8	8		88	0	11	
366 CAIRO (A)	140	1	8	02	2	7	Sc, ci	20.7		10	6	9		76	0	14	
372 CAIRO ALMÁZA (A)	90	3	3	05	2	7	Sc, Ac, cs	20.7	+1.7	11	6	9	0	71	0	15	
374 CAIRO EZBEKÎYA										11	7	9	+1	77	0	18	8
375 GIZA	60	3	8	03	—	6	Ac, cs	21.1	+1.6	10	7	6	0	82	0	19	9
378 ḤELWÂN	00	0	10	02	2	8	cc	21.1	+1.5	10	6	9	0	76	0	11	8
381 FAYOÛM	00	0	20	02	2	7	St	22.0	+2.6	11	7	8	+1	77	0	6	2
387 MINYA (A)	320	2	7	02	1	5	Ci	20.4	+0.4	8	4	6	0	76	0	dr	
393 AṢYOÛṬ (A)	00	0	14	01	2	7	Ac, cs	20.6	+0.5	10	1	9	+2	54	0	0	
399 NAG' ḤAMÂDI	00	0	4	01	0	5	As, cs	20.0	+0.4	14	6	8	+2	59	0	0	
402 QENA	290	3	10	03	1	5	Ci	19.4	+0.5	11	4	8	0	63	0	0	
405 LUXOR (A)	00	0	20	00	0	4	Ci	18.7	-0.5	13	3	11		81	0	0	
414 ASWÂN	360	1	12	03	2	7	St	18.3	-0.7	14	2	12	+1	45	0	0	
417 SÎWA	00	0	16	02	1	0	—	20.6	-0.1	6	3	5	+1	81	0	19	14
420 BAḤARÎYA	00	0	20	02	2	7	Ac, As	20.5	+0.3	8	5	7	+2	82	0	2	4
423 FARAFRA	00	0	15	03	0	1	Ci	22.0		9	4	7		71	0	0	
432 DAKHLA	270	2	14	01	2	5	Ci	20.3	-0.2	12	0	6	0	44	0	0	
435 KHARGA	360	2	8	01	2	7	Ac	17.5	-1.7	12	1	10	+3	47	0	0	
450 SUEZ	00	0	20	00	0	6	Cu	19.8	+1.0	12	5	6	-4	63	0	14	8
459 TÔR																	6
462 HURGHÂDA	280	13	22	02	2	8	Ac, cs	18.2	+0.9	15	7	12	+1	89	0	0	
465 QUSEIR	300	9	20	03	0	7	S, Ac, cs	18.3	+0.7	17	7	16	+1	82	0	0	4
641 PORT SÛDÂN	360	11	20	01	2	3	Sc	15.6		24	18	21		69	0		
600 WÂDI ḤALFA	360	7	20	02	0	1	Ac	16.8		13	2	11		48	0		
640 ABU ḤAMAD	20	5	24	03	0	1	Ci	15.2		19	9	17		52	0		
660 KAREIMA	40	1	21	02	0	0	—	13.8		19		9			0		
680 'ATBARA	20	6	20	02	1	2	cs	12.0		21	14	17		65	0		
721 KHARṬOÛM	20	9	20	02	0	1	Ci	12.1		22	12	19		58	0		
730 KASSALA	00	0	20	02	0	0	—	10.9		23	16	18		65	0		
751 WÂD MEDANI	50	9	20	02	0	0	—	9.9		21	14	16		65	0		
801 RENK	310	5	20	02	0	0	—	12.6		22	12	16		53	0		
802 ROSEIRES	220	2	20	02	0	0	—	9.5		23	13	18		53	0		
771 EL OBEID	20	4	20	03	0	1	Ci	11.8		20	9	14		49	0		
760 EL FASHER	360	2	22	02	2	8	cs	16.1		14	0	10		39	0		
770 GENEINA	10	4		02	2	7	cs	16.0		14	-2	9		34	0		
840 MALAKÂL	30	9	20	01	0	0	—	10.0		25	7	20		32	0		
880 WÂU	00	0	20	02	2	6	cs	9.5		22	14	18		61	0		
941 JUBA	160	6	20	04	0	7	Ac, As	8.8		25	18	21		65	0		

Area	Station
MEDITERRANEAN	SALLOÛM, SÎDI BARRÂNI, MATRÛḤ (A), EL ḌAB'AA, ALEXANDRIA, ALEXANDRIA (A), DAMIETTA, PORT SA'ÎD (A), EL 'ARISH
LOWER EGYPT	DAMANHÛR, MANṢÛRA, ṬANṬA, SHEBÎN EL KÔM, ZAGAZIG, ISMA'ÎLIA
CAIRO AREA	CAIRO (A), CAIRO ALMÁZA (A), CAIRO EZBEKÎYA, GIZA, ḤELWÂN
UPPER EGYPT	FAYOÛM, MINYA (A), AṢYOÛṬ (A), NAG' ḤAMÂDI, QENA, LUXOR (A), ASWÂN
OASES	SÎWA, BAḤARÎYA, FARAFRA, DAKHLA, KHARGA
RED SEA	SUEZ, TÔR, HURGHÂDA, QUSEIR, PORT SÛDÂN
NORTH SUDAN	WÂDI ḤALFA, ABU ḤAMAD, KAREIMA, 'ATBARA, KHARṬOÛM, KASSALA
CENTRAL SUDAN	WÂD MEDANI, RENK, ROSEIRES, EL OBEID, EL FASHER, GENEINA
S. SÛDÂN	MALAKÂL, WÂU, JUBA

RETARDS — DATE

* 0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS
BY PILOT BALLOON

STATION	S.Bayrami		Mersud		Alex.(A)		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra	
DATE	28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12		28-12	
TIME	14		14		14		13,30		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
500 m.	260	5	30	6	360	6	50	15	350	4	320	11	320	3	320	5	170	4	10	7	40	7
600 m.	240	4	120	5	20	9	50	16	20	7	330	10	320	5	60	7	150	3	30	5	50	5
1000 m.	240	7			90	6	50	15	10	4	350	6	270	2	100	4	120	3	80	8	60	6
1500 m.	200	8	130	5	110	4	60	8	300	6	290	7	220	9	360	2	170	4	80	5	220	2
2100 m.	150	15	200	6	230	3	280	9	260	7	280	8	300	9	290	6	220	3	60	5	240	15
2400 m.	170	12	240	12	360	3	260	11	260	10	290	7	290	15	290	7	230	6	340	7		
3000 m.	190	8	220	16			240	18			280	12	280	25	280	19	240	10	330	7		
4000 m.			260	23			250	21			290	20					240	17	270	13		
5000 m.			270	21			260	25									260	33	260	25		
6000 m.			250	40			270	40														

STATION	Dakhla		Kharga		Hurghada				Alex.(A)		Aswan				Farafra		Dakhla		Kharga		Hurghada	
DATE	28-12		28-12		28-12				29-12		29-12				29-12		29-12		29-12		29-12	
TIME	14		14		14				3		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
500 m.	40	11	20	10	350	9			130	5	40	9			120	5	360	14	40	11	320	9
600 m.	40	11	30	12	320	8			140	7	70	10			320	2	350	13	30	9	10	4
1000 m.	30	14	20	18	300	3			140	7	70	10			300	10	340	19	350	8	180	6
1500 m.	40	4			260	8			160	10	150	8			260	12	320	37	330	10	240	12
2100 m.					260	12					200	6			240	16			160	5	260	19
2400 m.					270	13					190	4			250	19					270	17
3000 m.					280	16									260	20					260	17
4000 m.					280	23																
5000 m.					280	34																
6000 m.																						

STATION	Sallum		S.Bayrami		Mersud		Alex.(A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12	
TIME	8		8		8		8		6	15	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
500 m.	270	14	280	9	240	7	120	15	80	18	300	3	250	6	30	10	40	5	360	3	240	13
600 m.	240	13	270	10	250	8	120	10	110	7	270	7	320	5	40	9	140	7	150	4	240	12
1000 m.	230	17	250	11	230	9	120	9	120	6	260	11	300	9	60	8	120	9	170	5	210	7
1500 m.	210	11	220	7	230	13	140	4	210	5	250	16	250	17	120	7	220	5	260	7	230	4
2100 m.	210	11	250	10	200	15	200	10	240	11	280	15	250	17	210	2	210	18	280	11	280	15
2400 m.			250	11	230	9	230	4	230	9	290	16	250	12	260	8	230	14	270	17	270	21
3000 m.			270	14	250	10	240	13	230	17	270	13			240	6	260	38	250	18	270	29
4000 m.			260	18					210	16											270	29
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS
BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Mersud																
DATE	28-12					28-12																
TIME	13,30					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	78	18				25	16															
1000 mb.	156	18		78	10	156	15		10	5												
950 mb.																						
900 mb.																						
850 mb.	1543	6		60	8	1583			130	5												
800 mb.																						
700 mb.	3085	=1		240	18	3053			230	18												
600 mb.																						
500 mb.	5664	=21		270	32	5607	=23		290	34												
400 mb.	7281	=33		270	55	7244	=35		240	46												
300 mb.	9240	=49		270	64	9171	=48		250	70												
200 mb.	11850	=58		270	133	11760	=57		250	106												

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 DECEMBER 1956

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 will continue around normal with high and medium clouds in Cairo and lower Egypt. Wly moderate winds near coast. Light variable winds becoming light NW in Upper Egypt. Some high and medium clouds in Upper Egypt.

SYNOPTIC SURFACE OBSERVATIONS

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

All Times are Universal Times (U.T.) [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 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
MEDITERRANEAN	62300	SALLOÛM	00	0	22	03	1	7	cu, ci	17.8	20	3	33
	303	SÎDI BARRÂNI	260	6	18	02	1	3	cb, AC, ci	18.0	18	11	64
	306	MATRÛH (A)	330	6	16	03	0	4	Sc, ci	18.1	17	10	64
	309	EL ḌAB'AA	20	2	20	00	0	3	AC	18.6	17	9	60
	319	ALEXANDRIA	260	6	20	03	0	5	cu	17.9	19	12	64
	318	ALEXANDRIA (A)	360	5	12	02	2	6	cu	18.2	18	10	60
	330	DAMIETTA	320	5	20	01	1	1	cu	18.1	18	10	60
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	200	2	20	01	1	3	ci	19.3	20	8	46
	342	MANSÛRA	00	0		01	1	3	cu	18.3	20	11	56
	348	ṬANṬA	90	2	20	01	1	2	cu	19.1	19	9	52
	360	SHEBÎN EL KÔM	40	5	20	01	1	2	cu	18.2	20	8	46
	354	ZAGAZIG	40	1	20	03	1	3	AS	17.6	20	11	56
	441	ISMA'ILÎA	20	3	20	01	1	3	AC	17.2	20	8	46
CAIRO AREA	366	CAIRO (A)	60	9	14	01	1	3	cu	17.6	18	8	52
	372	CAIRO ALMÂZA (A)	30	12	16	02	0	4	cu	17.1	18	5	43
	314	CAIRO EZBEKÎYA											
	315	GIZA	80	7	10	01	0	1	cu	16.7	19	8	49
	378	HELWÂN	20	12	20	01	1	6	cu	17.5	18	8	52
UPPER EGYPT	381	FAYOÛM	330	6	20	01	1	3	St	17.0	20	9	49
	387	MINYA (A)	360	3	10	03	1	3	ci	17.3	20	7	43
	393	AṢYOÛT (A)	360	4	15	01	2	3	ci	17.7	19	4	37
	399	NAG' HAMÂDI	00	0	10	01	0	2	AC, CS	16.6	21	7	41
	402	QENA	200	3	20	02	1	3	ci	15.8	21	1	27
	405	LUXOR (A)	00	0	22	02	0	0	—	14.9	23	5	32
	414	ASWÂN	120	2	16	01	0	1	ci	13.3	27	6	27
OASES	417	SÎWA	180	4	16	03	1	7	Sc, CS	18.5	19	7	46
	420	BAHARÎYA	40	2	20	02	0	2	cu	17.3	20	11	56
	423	FARAFRA	90	2	20	03	1	7	CS	18.6	18	3	37
	432	DAKHLA	10	4	20	01	1	3	ci	17.0	21	-3	20
	435	KHARGA	360	1	20	01	1	2	ci	15.2	22	1	25
RED SEA	450	SUEZ	40	4	50	01	0	0	—	18.3	19	7	46
	459	TÔR											
	462	HURGHÂDA	350	11	20	02	0	2	ci	14.6	21	10	50
	465	QUSEIR	340	9	20	01	1	2	AC, ci	15.6	22	8	41
	641	PORT SÛDÂN	40	10	20	01	1	2	Sc	12.4	27	22	74
NORTH SUDAN	600	WÂDI HALFA	20	10	20	02	0	1	ci	12.8	26	1	20
	640	ABU HAMAD	50	2	24	02	0	0	—	9.6	30	12	33
	660	KAREIMA	360	1	21	02	0	0	—	9.3	31	15	38
	680	'AṬBARA	30	8	20	02	0	0	—	7.9	33	11	26
	721	KHARTOÛM	50	9	20	02	0	0	—	7.2	33	13	30
	730	KASSALA	30	7	20	02	0	0	—	5.5	33	12	28
CENTRAL SUDAN	751	WÂD MEDANI	360	9	20	02	0	0	—	6.0	35	10	22
	801	RENK	310	9	20	02	0	0	—	7.1	34	13	29
	802	ROSEIRES	310	5	20	02	0	0	—	3.4	37	8	17
	771	EL OBEID											
	760	EL FASHER	40	3	30	02	2	7	CS	6.9	32	3	16
	770	GENEINA	80	2	50	03	1	1	CS	6.8	33	-2	10
S. SÛDÂN	840	MALAKÂL	60	7	20	02	0	0	—	4.8	37	9	18
	880	WÂU	40	7	20	01	2	0	—	4.1	37	11	20
	941	JUBA	50	3	20	04	2	4	cu, ci	2.5	37	13	24
			63349		22912		82213	98258			16714	87400	

At 1800 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 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	14	02	2	7	cu, Sc, ci	17.5	15	3	21	+1	45	0
	303	SÎDI BARRÂNI	00	0	12	01	1	3	cu	17.2	13	13	18		97	0
	306	MATRÛH (A)	310	4	12	02	0	3	Sc, cu	17.9	13	9	17		77	0
	309	EL ḌAB'AA	00	0	4	00	0	3	AC	17.8	13	9	19		77	0
	319	ALEXANDRIA	90	9	20	01	1	0	—	17.9	15	11	20	+1	77	0
	318	ALEXANDRIA (A)	40	3	12	01	2	0	—	17.7	13	10	21	+2	82	0
	330	DAMIETTA	200	2	4	01	1	0	—	18.1	14	12	18	-1	88	0
	333	PORT SA'ÎD (A)														
	336	EL 'ARISH														
LOWER EGYPT	339	DAMANHÛR	40	2	10	02	0	1	cu	17.8	13	9	22	+2	77	0
	342	MANSÛRA	00	0		00	0	0	—	18.0	14	10	21	+1	77	0
	348	ṬANṬA	00	0	20	02	0	0	—	18.4	13	9	20	-1	77	0
	360	SHEBÎN EL KÔM	40	2	10	00	0	0	—	18.7	11	7	20		77	0
	354	ZAGAZIG														
	441	ISMA'ILÎA	20	2	20	01	0	0	—	18.3	15	9	21		68	0
CAIRO AREA	366	CAIRO (A)	90	7	12	01	0	0	—	17.3	14	9	19		94	0
	372	CAIRO ALMÂZA (A)	40	9	14	01	0	0	—	16.9	14	9	19	-1	94	0
	314	CAIRO EZBEKÎYA											20	0		0
	315	GIZA	50	5	8	02	0	0	—	17.2	15	10	20	0	72	0
	378	HELWÂN	40	15	10	01	2	0	—	16.4	15	7	19	0	59	0
UPPER EGYPT	381	FAYOÛM	00	0	20	01	0	0	—	16.0	13	9	20	-1	77	0
	387	MINYA (A)	00	0	7	01	2	0	—	16.1	12	5	20	0	63	0
	393	AṢYOÛT (A)	00	0	10	02	0	0	—	16.6	14	3	20	-1	48	0
	399	NAG' HAMÂDI	00	0		01	0	2	AS, CS	16.2	14	10	22	0	77	0
	402	QENA	00	0		00	0	0	—	15.4	13	4	23	0	55	0
	405	LUXOR (A)														
	414	ASWÂN	00	0	12	03	0	6	CS	13.6	21	6	27	+3	38	0
OASES	417	SÎWA	00	0	14	02	2	4	AS, CS	17.5	12	5	19	-2	63	0
	420	BAHARÎYA	00	0	10	02	0	0	—	17.3	13	9	20	0	77	0
	423	FARAFRA	00	0	12	01	2	4	CS	17.5	13	1	20		44	0
	432	DAKHLA	00	0	6	01	1	3	cu, ci	16.6	17	1	22	0	34	0
	435	KHARGA	00	0	7	02	2	0	—	14.7	14	1	23	0	42	0
RED SEA	450	SUEZ	330	3	10	03	0	3	cb	17.1	15	9	20	-1	68	0
	459	TÔR														
	462	HURGHÂDA														
	465	QUSEIR	340	4	20	01	0	1	ci	15.3	18	10	22	-1	60	0
	641	PORT SÛDÂN	40	2	20	02	0	2	Sc	12.8	25	22	28		84	0
NORTH SUDAN	600	WÂDI HALFA	20	7	20	02	0	2	ci	13.0	20	4	28		35	0
	640	ABU HAMAD	360	5	24	02	0	0	—	10.1	25	9	30		36	0
	660	KAREIMA	360	3	21	02	0	0	—	10.3	27	13	31		42	0
	680	'AṬBARA	360	3	20	02	0	0	—	9.1	25	12	33		45	0
	721	KHARTOÛM	20	0	20	01	2	2	CS	7.7	27	11	35		37	0
	730	KASSALA	40	3	20	02	0	0	—	8.4	26	13	34		45	0
CENTRAL SUDAN	751	WÂD MEDANI											35			
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID	40	5	20	01	1	1	ci	7.6	25	5	33		28	0
	760	EL FASHER	70	6	20	02	2	7	CS	7.8	25	3	33		24	0
	770	GENEINA	290	2	50	01	1	2	CS	8.6	24	1	35		22	0
S. SÛDÂN	840	MALAKÂL	60	4	20	02	1	0	—	6.6	29	11	37		33	0
	880	WÂU	00	0	20	01	0	0	—	5.1	29	16	37		46	0
	941	JUBA	00	0	20	04	0	0	—	4.6	26	15	38		51	0

At 0600 on SATURDAY 29th DECEMBER, 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.	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	300	12	14	01	1	4	Sc, ci	16.8	-0.8	10	-2	10	0	44	0	164	
	303	SÎDI BARRÂNI	220	12	15	02	2	6	cu, AC	15.6		9	7	8		88	0	129	
	306	MATRÛH (A)	210	9	14	03	0	8	NS	16.1	-2.5	10	9	10		94	0	127	
	309	EL ḌAB'AA	220	2	10	00	0	7	AC, AS	15.9		11	9	10		88	0	90	
	319	ALEXANDRIA	130	7	4	03	4	8	AS	16.6	-2.3	13	11	7	-4	88	0	97	92
	318	ALEXANDRIA (A)	00	0	12	02	2	8	AS	16.2	-1.8	11	10	8	-2	94	0	69	67
	330	DAMIETTA	90	2	4	03	2	8	Sc	16.3	-1.7	15	11	9	0	77	6	104	38
	333	PORT SA'ÎD (A)																	
	336	EL 'ARISH																	
LOWER EGYPT	339	DAMANHÛR	00	0		02	2	8	AS	16.4	-2.8	11	11	9	+1	97	0	52	84
	342	MANSÛRA	00	0		03	1	8	St	16.4	-2.2	13	11	10	+2	88	0	39	15
	348	ṬANṬA	00	0	20	03	2	8		16.8	-2.3	11	9	7	0	88	0	26	13
	360	SHEBÎN EL KÔM	40	2	10	01	1	4	Sc	16.4	-2.8	12	10	11		88	0	23	
	354	ZAGAZIG	00	0		00	0	0	—	15.6	-3.6	11	9	6	-2	88	0	22	9
	441	ISMA'ILÎA	00	0	20	03	2	8	AS	15.9		12	10	10		88	0	11	
CAIRO AREA	366	CAIRO (A)	50	3	8	05	2	8	Sc	15.3		11	10	10		94	0	14	
	372	CAIRO ALMÂZA (A)	20	6	4	05	2	8	Sc	15.4	-3.6	11	9	10	+1	88	0	15	
	314	CAIRO EZBEKÎYA										11	9	9	+1	88	0	18	8
	315	GIZA	20	4	0.01	45	—	9	—	15.6	-3.9	10	9	9	+3	94	0	19	9
	378	HELWÂN	70	12	10	02	2	8	AS	15.0	-4.6	13	9	12	0	77	0	11	8
UPPER EGYPT	381	FAYOÛM	00	0	20	02	0	8	AS	15.2	-4.2	11	9	9	+2	88	0	6	2
	387	MINYA (A)	360	3	2	03	2	6	AC, AS	15.1	-4.9	10	6	8	+3	76	0	45	
	393	AṢYOÛT (A)	00	0	10	02	0	8	AC, AS	15.2	-5.0	11	6	8	+1	71	0	2	
	399	NAG' HAMÂDI	00	0		01	0	2	AS	15.2	-4.4	11	7	9	+3	77	0	0	
	402	QENA	360	2	10	03	1	8	CS	15.1	-3.8	12	5	9	+2	63	0	0	
	405	LUXOR (A)	00	0	14	03	0	4	Sc	14.3	-4.9	12	2	10		51	0	0	
	414	ASWÂN	350	5	11	02	1	7	ci	13.5	-5.5	16	3	14	+3	42	0	0	
OASES	417	SÎWA	300	2	14	01	2	5	NS, AS, ci	16.9	-3.8	10	3	9	+5	62	0	19	4
	420	BAHARÎYA	00	0	10	02	2	8	AC, AS	15.5	-4.7	10	6	8	+3	76	0	2	4
	423	FARAFRA	00	0	15	02	2	8	AS	17.7		10	3	8		62	0	0	
	432	DAKHLA	00	0	10	01	2	7	AC, CS	16.2	-4.4	12	0	10	+5	44	0	0	
	435	KHARGA	00	0	16	02	2	8	St	13.1	-6.2	14	1	10	+3	42	0	0	
RED SEA	450	SUEZ	00	0	20	00	0	6	AC	15.0	-3.8	13	7	8	-2	67	0	14	8
	459	TÔR																	6
	462	HURGHÂDA	290	9	22	02	2	8	cu, AC, CS	14.2	-3.2	15	8	13	+2	63	0	0	
	465	QUSEIR	290	8	20	03	0	8	Sc, AC, CS	14.1	-3.5	18	8	15	0	52	0	0	4
	641	PORT SÛDÂN	330	5	20	03	1	7	Sc	13.6		24	19	21		74	0		
NORTH SUDAN	600	WÂDI HALFA	00	0	20	02	0	2	AC, ci	12.6		15	2			42	0		
	640	ABU HAMAD	360	7	24	02	0	0	—	12.0		19	10			56	0		
	660	KAREIMA																	
	680	'AṬBARA	50	4	20	02	0	0	—	10.9		22	14			61	0		
	721	KHARTOÛM																	
	730	KASSALA	00	0	20	02	0	0	—	6.9		23	15	15		61	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	5	20	02	0	0	—	10.3		21	10	15		50	0		
	801	RENK	310	5	20	02	0	0	—										
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER	50	2	20	02	0	0	—	9.7		19	16	~~14~~		83	0		
	770	GENEINA	70	3	30	03	2	7	CS	14.4		13	1	10		44	0		
S. SÛDÂN	840	MALAKÂL	10	2								26	11	19		40	0		
	880	WÂU	00	0	20	03	2	6	AC, AS	7.2		23	17	22		69	0		
	941	JUBA	00	0	20	04	0	2	AC, ci	7.6		26	15	19		51	0		
			73345		28406		70000	98142		16713		74622		25220		05749	10181		

SHIP REPORTS in code

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Salloum		S.Bayrani		Matruh		Cairo(A)		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla	
DATE	29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12		29-12	
TIME	14		14		15		13, 30		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	16	270	14	290	5	40	7	270	11	260	9	340	12	290	5	310	12	150	7	100	5
600 m.	260	22	270	17	280	6	40	5	280	12	280	12	340	23	290	5	310	12	170	6	100	4
1000 m.	260	30	260	18	270	8	70	2	260	10	270	14	350	30	290	7	300	10	240	7	190	8
1500 m.	260	8	260	22	260	11	220	5	270	15	260	14	340	38	290	10	310	10	310	17	270	4
2100 m.	260	20	270	13	260	16	250	8			260	22	350	10	300	11	320	9	280	11	290	35
2400 m.			250	17	270	16	260	15			270	23	340	6	280	11	310	10	300	16	250	28
3000 m.			240	16	260	18	250	15							280	21	280	20				
4000 m.					260	21	240	17							270	17	290	30				
5000 m.					260	24	240	18														
6000 m.					240	24	240	40														

STATION	Kharga		Hurghada				Alex. (A)		Cairo (A)		Aswan				Farafra		Dakhla		Kharga		Hurghada	
DATE	29-12		29-12				30-12		30-12		30-12				30-12		30-12		30-12		30-12	
TIME	14		14				2		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.	360	17	310	13			250	14	260	4	10	16			30	6	90	4	30	10	320	19
600 m.	350	28	280	21			270	17	300	8	10	19			80	5	80	14	50	13	320	10
1000 m.	360	50	270	15			280	17	300	7	10	15			110	8	70	13	30	12	350	9
1500 m.			260	8			300	22	310	10	340	12			360	4	50	5			330	9
2100 m.							270	13	290	13	190	18									270	7
2400 m.							280	19	280	15											270	6
3000 m.																					290	23
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Salloum		Matruh		Alex. (A)		Cairo (A)		Helwan		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya	
DATE	30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12	
TIME	8		8		8		8		6	15	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.	330	7	280	9	250	17	220	4	160	5	70	3	320	2	350	6	20	8	30	4	120	4
600 m.	350	6	290	9	270	17	280	4	280	2	30	10	40	9	10	16	30	17	60	4	130	7
1000 m.	10	5	310	9	280	11	310	8	340	6	360	9	10	15	360	20	10	12	70	7	120	4
1500 m.	20	9	290	8	250	5	290	7	320	9	330	7	330	10	360	16	350	12	360	3	200	3
2100 m.	330	3	300	8			290	10	300	9	300	6	330	4	360	12	260	20	320	5	180	2
2400 m.			310	10					310	12	290	7	340	8	360	15	230	20	310	8		
3000 m.			330	4					300	19	300	18	300	10					340	5		
4000 m.									290	35												
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh														
DATE	29-12					29-12														
TIME	13, 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	12													
1000 mb.	131	17		60	7	138	11		300	4										
950 mb.																				
900 mb.																				
850 mb.	1489	6		220	5	1469	5		260	10										
800 mb.																				
700 mb.	3045	-5		250	15	3010	-17		260	18										
600 mb.																				
500 mb.	5609	-21		240	29	5539	-26		250	23										
400 mb.	7219	-34		240	64	7133	-34													
300 mb.	9187	-42		240	82	9081	-49													
200 mb.	11820	-53		250	140	11690	-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. 71

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT – CAIRO

DATE SUNDAY 30th DECEMBER, 1956

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 slightly below normal with moderate amounts of clouds increasing near coast where there is a chance of rainfall. Winds are generally Wly between light and moderate.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 51 U.T. / " " Sunset 15 05 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.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
MEDITERRANEAN	62300	SALLOÛM	250	10	22	03	2	7	cu, ci	14.9	18	0	30
	303	SÎDI BARRÂNI	270	10	20	02	1	3	ci	14.9	17	9	60
	306	MATRÛḤ (A)	260	10	16	02	2	6	cu, ci	15.2	17	7	52
	309	EL DAB'AA	270	3	20	00	0	6	AC	14.8	18	8	52
	319	ALEXANDRIA	220		20	02	1	8	cu, ci	15.8	17	11	68
	318	ALEXANDRIA (A)	240	7	12	02	2	8	cu, AC, AS	15.2	19	11	60
	330	DAMIETTA	60	2	10	02	2	8	Sc	15.0	17	12	72
	333	PORT SA'ÎD (A)											
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHÛR	230	2	10	02	2	8	cu, Sc	15.2	18	10	60
	342	MANṢÛRA											
	348	ṬANṬA	90	2	20	03	2	8	cu, Sc	14.8	18	10	60
	360	SHEBÎN EL KÔM	40	5	20	01	1	4	Sc	14.8	18	8	52
	354	ZAGAZIG	00	0	20	03	1	8	cu	13.9	16		
	441	ISMA'ILÎA	70	1	20	02	2	8	AS	14.3	17	9	60
CAIRO AREA	366	CAIRO (A)	60	6	12	02	2	8	cu, AC	13.8	17	9	60
	372	CAIRO ALMÂZA (A)	40	10	20	02	2	8	cu, sc, AS	14.1	17	9	60
	374	CAIRO EZBEKÎYA											
	375	GIZA	20	7	10	01	2	7	AS	14.7	17	11	68
	378	ḤELWÂN	200	3	10	02	2	8	AS	14.4	16	10	68
UPPER EGYPT	381	FAYOÛM	00	0	20	02	2	8	AS	15.0	16	11	72
	387	MINYA (A)	240	8	6	02	2	8	AS	15.1	17	5	46
	393	AṢYOÛT (A)	300	4	14	60	6	8	AS	16.4	16	8	59
	399	NAG' ḤAMÂDI	290	2	10	01	0	4	AS, ci	16.3	16	10	68
	402	QENA	290	3	20	02	1	8	CS	14.8	15	7	59
	405	LUXOR (A)	00	0	14	03	1	7	Sc	13.5	16	7	56
	414	ASWÂN	340	6	14	01	2	5	ci	10.9	25	10	39
OASES	417	SÎWA	290	8	16	02	1	3	cu	15.9	19	6	43
	420	BAḤARÎYA	220	2	20	02	5	6	AC, AS	15.9	19	10	56
	423	FARAFRA	210	2	20	01	2	2	AS	16.4	17	6	49
	432	DAKHLA	340	15	8	21	2	8	Sc	17.1	14	8	67
	435	KHARGA	320	10	10	02	2	8	AC, AS	14.9	18	6	46
RED SEA	450	SUEZ	00	0	50	02	0	6	AC	13.5	18	1	32
	459	TÔR											
	462	HURGHÂDA	00	0	22	50	2	8	AS	13.4	19	7	46
	465	QUSEIR	340	10	20	03	2	8	Sc	13.2	21	13	61
	641	PORT SÛDÂN	60	7	20	01	1	2	Sc	9.5	27	22	74
NORTH SUDAN	600	WÂDI ḤALFA	350	5	20	01	0	1	AC	9.5	27	7	28
	640	ABU ḤAMAD	130	2	24	02	0	0	—	6.5	31	12	31
	660	KAREIMA	220	3	21	02	0	0	—	6.1	33	12	28
	680	'AṬBARA	200	4	20	02	1	7	CS	5.5	34	7	19
	721	KHARṬOÛM	70	4	20	03	1	4	ci	5.3	34	11	25
	730	KASSALA	350	3	20	02	0	0	—	4.1	35	11	23
CENTRAL SUDAN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	5	20	02	0	0	—	2.0	38	7	15
	771	EL OBEID	50		20	03	0	2	ci	4.6	34	8	20
	760	EL FASHER	130				2	7	CS	4.9	33	4	16
	770	GENEINA	330	4	50	03	3	8	CS			-2	
S. SÛDÂN	840	MALAKÂL	20	11	20	03	1	3	AC, CS	4.0	37	9	18
	880	WÂU	90	2	24	02	1	4	AC	2.6	35	13	27
	941	JUBA	90	3	20	04	2	7	cu, CS	2.1	37	15	27

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.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	320	4	10	02	0	0	—	16.5	12	-3	18	-2	31	0
SÎDI BARRÂNI	260	10	12	02	1	2	Sc	15.8	12	6	17		61	0
MATRÛḤ (A)	250	8	12	01	0	2	Sc	16.1	12	8	19		77	0
EL DAB'AA	200	1		00	6	2	AS	15.9	12	8	19		77	3
ALEXANDRIA	00	0	20	01	0	0	—	17.1	13	11	17	-2	88	0
ALEXANDRIA (A)	240	3	12	02	8	2	Sc	16.3	11	10	19	0	94	1
DAMIETTA	90	2	3	51	6	8	cu, Sc	17.1		13	17	-2	88	4
PORT SA'ÎD (A)														
EL 'ARISH														
DAMANHÛR	40	2	10	01	6	1	cu	16.2	13	9	19	-1	77	0.3
MANṢÛRA	00	0		03	5	8		16.2	13	9	18	-2	27	dr
ṬANṬA	00	0	20	01	6	2	cu	16.2	11	11	19	-2	97	3
SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	15.4	12	8	19		77	0
ZAGAZIG			10	02	0	0	—	15.3	14	12	17	-3	88	0
ISMA'ILÎA	340	1	20	01	1	6	AC	16.3	15	9	18		68	0
CAIRO (A)	350	2	12	02	0	3		16.5	13	11	18		88	0
CAIRO ALMÂZA (A)	330	3	15	01	0	1	Sc	16.1	14	10	18	-2	77	0
CAIRO EZBEKÎYA											20	0		
GIZA	00	0	10	01	1	0	—	16.7	13	11	18	-2	88	0
ḤELWÂN	180	2	10	01	1	0	—	16.8	12	10	18	-1	88	0
FAYOÛM	00	0	20	01	0	6	—	16.0	13	9	17	-4	77	0
MINYA (A)	150	6	6	01	0	1	AC	17.0	10	6	17	-3	76	0
AṢYOÛT (A)	00	0	10	02	0	0	—	17.6	11	9	16	-5	88	0
NAG' ḤAMÂDI	00	0		20		8	cu, AS	17.1	12	12	16	-6	97	1
QENA	00	0		02	1	8	CS	17.2	12	10	16	-7	88	dr
LUXOR (A)														
ASWÂN	360	10	12	01	3	0	—	16.3	17	3	25	+1	39	0
SÎWA	280	4	14	02	0	0	—	17.3	11	4	19	-1	63	0
BAḤARÎYA	00	0	10	02	2	0	—	16.7	10	7	20	0	82	dr
FARAFRA	170	1	12	02	0	0	—	18.3	10	4	18		67	0
DAKHLA	110	3	5	01	2	2	ci	16.7	13	7	18	-4	67	1
KHARGA	360	1	9	01	6	2	Sc, cu	15.2	14	9	19	-4	72	3
SUEZ	00	0	10	01	0	0	—	15.4	15	9	18	-3	68	0
TÔR														
HURGHÂDA	320	9	10	50	5	8	AS	15.7	16	6	19	-2	52	dr
QUSEIR	300	10	20	01	2	7	St	15.4	17	9	21	-2	60	0
PORT SÛDÂN	110	2	20	01	0	1	Sc	11.1	25	22	28		84	0
WÂDI ḤALFA	00	0	0.1	35	3	9	—	14.3	20	-3	29		21	0
ABU ḤAMAD	00	0	24	02	0	0	—	8.7	25	9	32		36	0
KAREIMA	340	1	21	01	2	0	—	9.0	25	11	34		42	0
'AṬBARA	00	0	20	01	2	2	ci	8.0	25	9	35		36	0
KHARṬOÛM	360	6	20	01	2	2	ci	7.4	27	9	35		33	0
KASSALA	50	1	20	01	2	0	—	7.9	24	12	35		47	0
WÂD MEDANI														
RENK														
ROSEIRES														
EL OBEID	10	3	20	01	2	1	ci	7.2	24	6	35		32	0
EL FASHER														
GENEINA														
MALAKÂL	120	3	20	02	1	1	AC	6.1	29	9	37		29	0
WÂU	00	0	20	01	3	0	—	4.9	29	15	38		43	0
JUBA	00	0	20	04	2	2	AC, ci	3.9	27	16	39		52	0

At 0600 on SUNDAY 30th DECEMBER, 1956

Station	Wind Direction Deg.	Wind Velocity in 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	280	12	20	02	0	3	Sc	18.5	+0.9	9	-1	8	-2	50	0	164	
SÎDI BARRÂNI	220	12	15	02	2	6	Sc	18.0		8	5	7		88	1	130	
MATRÛḤ (A)	230	14	16	03	1	5	Sc	18.1	-0.5	9	3	7		67	0	127	
EL DAB'AA	220	4	10	00	0	0	—	18.5		7	2	5		71	3	93	
ALEXANDRIA	220	9		03	0	6	cu	18.4	-0.5	18	9	13	+2	56	1	98	84
ALEXANDRIA (A)	240	8	12	03	2	6	cu, Sc	18.0	0.0	12	10	10	0	88	1	70	68
DAMIETTA	200	2	12	02	0	0	—	18.8		8	8	6	-3	97	5	109	39
PORT SA'ÎD (A)																	
EL 'ARISH																	
DAMANHÛR	230	2	10	03	0	1	cu	18.6	0.0	10	8	7	-1	88	0.3	52	35
MANṢÛRA	00	0		00	0	0	—	18.8	+0.2	9	1	6	-2	58	dr	39	15
ṬANṬA	130	5	20	02	0	0	—	18.6	-0.6	9	9	5	-2	97	3	29	13
SHEBÎN EL KÔM	360	2	10	00	0	0	—	18.7	-0.5	10	6	8		76	0	23	
ZAGAZIG	00	0		01	0	0	—	17.5	-1.7	8	5	5	-2	97	0	22	9
ISMA'ILÎA																11	
CAIRO (A)	200	5	14	02	0	2	AS	19.3		13	8	8		72	0	14	
CAIRO ALMÂZA (A)	160	7	10	03	0	1	ci	19.6	+0.6	12	8	10	+1	77	0	15	
CAIRO EZBEKÎYA											8	9	+1	82	0	18	8
GIZA	190	1	0.4	03		5	Sc, ci	19.3	-0.2	9	9	6	0	82	0	19	9
ḤELWÂN	00	0	4	65	0	1	ci	20.0	+0.4	10	8	9	0	88	0	11	8
FAYOÛM	00	0	10	02	0	0	—	20.4	+0.7	7	5	5	-2	87	0	6	8
MINYA (A)	00	0	<1	42	4	0	—	19.1	-0.9	7	2	3	-2	71	0	dr	
AṢYOÛT (A)	00	0	0.0	44	4			20.1	-0.1	6	3	4	-3	81	0	dr	
NAG' ḤAMÂDI	00	0		83	2	8	Sc, Ac	19.6	0.0	7	7	7	+1	97	1	1	
QENA	00	0		03	1	8	cu	19.6	+0.7	8	8	8	+1	97	dr	dr	
LUXOR (A)	00	0	22	00	0	0	—	18.5	-0.7	10	7	4		82	0	0	
ASWÂN	70	6	12	02	0	2	ci	18.7	-0.3	14	8	11	0	67	0	0	
SÎWA	00	0	15	02	0	0	—	20.1	-0.6	4	-1	3	-1	70	0	19	4
BAḤARÎYA	00	0	10	02	0	8	AS	20.0	-0.2	5	5	3	-2	97	dr	2	4
FARAFRA	220	1	0.9	43	4	7	cu	21.5		3	0	1		81	0	0	
DAKHLA	00	0	10	02	0	4	ci	20.0	-0.6	5	2	0	-5	81	1	1	
KHARGA	00	0	10	03	1	6	ci	17.6	-1.7	8	6	6	-1	88	3	3	
SUEZ	00	0	20	00	0	0	—	19.0	+0.2	10	8	6	-4	88	0	14	8
TÔR																	
HURGHÂDA	290	13	22	02	0	3	ci	17.4	0.0	14	6	10	-1	59	dr	dr	
QUSEIR	300	9	20	01	1	2	ci	17.0	-0.6	17	7	13	-2	52	0	0	4
PORT SÛDÂN	340	8	20	03	0	7	Sc	13.9		25		22		79	0		
WÂDI ḤALFA	10	4	20	03	2	7	Ac	16.6		14	6	11		59	0		
ABU ḤAMAD	360	9	20	03	0	4	ci	13.2		19	2	16		32	0		
KAREIMA	50	13	21	03	0	1	ci	13.4		19	9	18		52	0		
'AṬBARA	350	8	10	06	0	3	ci	12.1		21	8	18		44	0		
KHARṬOÛM	360	6	18	05	1	7	cs	11.4		23	10	20		44	0		
KASSALA	00	0	20	01	0	0	—	11.4		21	14	15		65	0		
WÂD MEDANI	360	9	20	02	0	2	cc	11.6		22	9	15		44	0		
RENK	310	2	20	02	0	2	Ac	12.4		22	14	16		61	0		
ROSEIRES	230	2	20	02	0	1	Ac	10.6		20	11	20		56	0		
EL OBEID	40	6	20	03	0	5	ci	10.1		23	5	16		32	0		
EL FASHER	340	4	50	02	2	7	cs	12.7		16	0	13		34	0		
GENEINA	50	5	50	01	2	6	Ac, ci	13.5		17	2	11		37	0		
MALAKÂL	60	3	20	03	1	7	Ac, cs	10.4		24	9	20		38	0		
WÂU	220	7	5	04	2	6	cs	8.9		24	19	23		74	0		
JUBA	180	5	18	04	0	7	cs	9.1		27	20	19		66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Cairo(A)		Minya		Asyout		Luxor		Aswan		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12		30-12	
TIME	15		13,30		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.	360	12	310	8	340	7	330	6	20	5	340	10	20	6	360	4	70	4	300	5	20	11
600 m.	360	12	300	9	350	6	360	13	30	3	10	12	40	10	10	5	360	3	320	5	40	13
1000 m.	360	10	290	6	330	8	360	14	10	5	350	18	50	10	360	7	40	2	20	7	40	9
1500 m.	330	6	290	5	330	7	10	12	330	8	10	9	110	4	300	4	10	5	40	11	320	10
2100 m.	310	7	290	5			290	9	320	7	270	14	190	14	260	6	340	4	210	6	20	8
2400 m.	320	7					300	7	340	12			240	6	240	12	280	4				
3000 m.	320	7											230	15	250	13	240	10				
4000 m.	270	16													260	15						
5000 m.	260	18													260	16						
6000 m.	240	22																				

STATION	Hurghada				Cairo(A)		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga				Hurghada	
DATE	30-12				31-12		31-12		31-12		31-12		31-12		31-12		31-12				31-12	
TIME	14				2		2		2		3		2		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.	340	11			350	5	20	17	320	11	360	12	350	5	80	4	360	12			320	19
600 m.	320	14			340	6	10	18	10	10	10	13	40	7	40	9	360	21			320	16
1000 m.	300	12			340	8	20	11	330	9	220	1	70	8	10	11	360	19			280	12
1500 m.	260	8					320	9	260	7	20	11	140	3	350	16					290	16
2100 m.	260	9					270	11	250	10			220	6							260	18
2400 m.	270	10											250	5							260	21
3000 m.	280	12																			250	25
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex.(A)		Cairo(A)		Helwan		Minya		Asyout		Luxor		Siwa		Bahariya		Farafra		Dakhla		Kharga	
DATE	31-12		31-12		31-12		31-12		31-12		31-12		31-12		31-12		31-12		31-12		31-12	
TIME	8		8		6		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	13	300	4	330	4	10	7	350	5	360	2	40	7	350	7	40	8	320	2	360	10
600 m.	340	16	270	4	330	8	340	13	360	19	340	6	70	6	340	9	80	5	30	11	20	15
1000 m.			240	4	270	6	330	18	350	14	320	5	90	6	350	8	30	4	350	15	360	10
1500 m.			300	4	290	3	290	10	320	12	270	5	10	5			320	9	320	16	320	11
2100 m			300	7	270	8	300	11	290	13	270	13	10	8			280	17				
2400 m.					300	14	300	11	270	21	270	19	300	11			280	23				
3000 m.					270	20	250	16			250	17	290	11			280	25				
4000 m.					260	25	270	20					310	10								
5000 m.					280	36							250	12								
6000 m.													260	33								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo (A)					Matruh																
DATE	30-12					30-12																
TIME	13,30					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	15													
1000 mb.	173	16		310	6	165	14		360	11										
950 mb.																				
900 mb.																				
850 mb.	1528	6		290	5	1510	3		330	6										
800 mb.																				
700 mb.	3092	-2				3061	-5		310	8										
600 mb.																				
500 mb.	5697	-15				5663	-16		250	21										
400 mb.	7347	-28				7298	-31		230	27										
300 mb.	9355	-40				9292	-42		240	57										
200 mb.	12000	-59				11920	-60		240	89										

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 MONDAY 31st DECEMBER, 1956

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

LIBRARY
MAY 13 1957
WEATHER BUREAU

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. Low & medium clouds in Cairo & Lower Egypt, increasing near coast with chance of rainfall there. Winds are generally NW ly moderate. But in Upper Egypt winds are N ly light, with some high & medium clouds.

SYNOPTIC SURFACE OBSERVATIONS

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 30TH

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	30	3	20	03	1	8	Sc,Cu,Ci	19.4	17	1	31
	303	SIDI BARRANI	20	7	20	02	2	7	Sc,Ci	18.9	17	11	68
	306	MATRÛH (A)	290	10	16	03	2	7	Sc,Ci	18.7	16	10	68
	309	EL DABAA	320	6	20	00	0	6	Ac	18.6	17	9	60
	319	ALEXANDRIA	270	10	20	01	1	5	Cu,Ci	18.8	18	8	52
	315	ALEXANDRIA (A)	240	14	12	03	0	7	Cu,Ci	18.7	19	7	46
	330	DAMIETTA	340	2				8	Cu,Sc	18.6	17	11	68
	333	PORT SAID (A)											
	338	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	230	5	20	01	0	3	Ns	18.4	19	7	46
	342	MANSÛRA	270	3	4	01	0	3	Cu	18.7	19	9	52
	348	TANTA	220	2	12	03	2	6	Cu	18.5	17	11	68
	360	SHEBÎN EL KÔM	240	5	20	01	1	3	Cu,As	18.8	18	13	37
	354	ZAGAZIG	00	0	20	03	1	3	As	18.6	19		56
	441	ISMAÎLIA	230	2	20	03	1	3	Ac	18.8	20	6	41
Cairo Area	366	CAIRO (A)	310	9	12	03	2	8	Cu,Cb	18.8	17	4	42
	372	CAIRO AL MÂZA (A)	270	9	15	03	2	7	Ns,As	18.7	18	6	46
	374	CAIRO EZBEKÎYA											
	375	GIZA	340	1	10	03	1	7	Cu,Cb	19.2	19	7	82
	378	HELWÂN	270	2	10	03	1	8	Cu,Cb	19.2	17	6	49
Upper Egypt	381	FAYOÛM	00	0	20	03	2	8		18.8	17	10	64
	387	MINYA (A)	10	6	8	02	2	6	Ci	18.1	18	8	62
	393	ASYOÛT (A)	00	0	10	03	2	7	Ci	17.9	18	9	56
	399	NAG HAMÂDI	00	0	4	01	0	4	Ac,Ci	17.1	20	6	17
	402	QENA	270	2	20	02	1	3	Ci	16.7	19	9	52
	405	LUXOR (A)	340	5	22	02	0	2	Ci	16.2	20	8	46
	414	ASWAN	340	11	15	01	2	4	As,Ci	15.2	22	5	33
Oases	417	SÎWA	300	2	16	02	2	7	As	19.5	15	2	42
	420	BAHARIYA	00	0	10	01	2	8	As	18.9	18	11	64
	423	FARAFRA	70	1	20	02	2	7	Ac,Ci	19.4	16	3	47
	432	DAKHLA	00	0	15	02	2	4	Ci	17.8	20	8	46
	435	KHARGA	350	3	20	02	2	5	Ci	16.0	21	7	41
Red Sea	450	SUEZ	20	1	50	03	0	3	Cu	18.4	18	1	32
	459	TÔR											
	462	HURGHÂDA	350	14	22	02	2	6	Cu,Ci	16.7	20	8	46
	465	QUSEIR	350	12	20	03	0	4	Cu,Ac,Ci	16.3	21	12	57
	641	PORT SÛDÂN	20	16	20	01	1	1	Sc	12.0	28	23	74
North Sudan	600	WÂDI HALFA	10	15	20	02	1	4	Ac,Ci	12.9	25	5	28
	640	ABU HAMAD	50	5	22	02	1	4	Ci	9.2	31	11	29
	660	KAREIMA	60	1	20	03	1	4	Ci	8.7	31	11	29
	680	ÂTBARA	340	6	20	02	1	4	Ci	6.7	35	9	20
	721	KHARTOÛM	70	5				3	Sc,Cu,Ci	5.8	35	9	20
	730	KASSALA	30	5	20	01	1	1	Ci	4.7	35	3	13
Central Sudan	751	WÂD MEDANI	50	9	20	02	0	0	—	5.1	35	7	18
	801	RENK											
	802	ROSEIRES	50	5	20	02	0	0	—	3.2	38	7	15
	771	EL OBEID											
	760	EL FASHER	110	6	30	01	2	5	Sc,Cu,Ci	6.3	33	3	15
	770	GENEINA	20	4	20	02	0	0	—	5.0	37	4	13
S. Sûdân	840	MALAKÂL	90	3	20	01	2	3	Ac,Ci	5.6	36	9	19
	880	WÂU	80	4	10	04	1	3	Ci	5.1	34	16	34
	941	JUBA											

At 1800 on 30TH

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	SALLOUM	00	0	16	02	2	8	Sc,Cu,As	20.4	14	2	18	-2	45	0
303	SIDI BARRANI	50	6	12	02	2	8	Sc,As	20.1	15	11	18		77	0
306	MATRÛH (A)	360	7	12	02	2	5	Sc,Ci	20.4	14	10	18		77	0
309	EL DABAA	200	6	4	00	0	6	Ac	20.0	15	11	17		77	0
319	ALEXANDRIA	00	0	20	01	6	5	Cb	20.4	13	10	18	-1	82	17
315	ALEXANDRIA (A)	180	3	12	01	8	6	Cu,Sc	19.8	13	11	19	0	88	4
330	DAMIETTA	40	3	3	00	1	0	—	19.8	12	12	17	-2	97	1
333	PORT SAID (A)														
338	EL 'ARISH														
339	DAMANHÛR	230	2	4	02	1	3	Cu,Sc	19.5	13	7	20	0	67	0
342	MANSÛRA	00	0		00	0	0	—	20.4	14	8	20	0	67	0
348	TANTA	00	0	20	03	2	8		20.2	10	8	20	-1	88	0
360	SHEBÎN EL KÔM	320	2	10	01	1	2	Sc	19.9	13	7	19		67	0
354	ZAGAZIG	40	1	10	02	0	0	—	19.2	14	12	21	+1	88	0
441	ISMAÎLIA	00	0	30	03	1	4	Cu	20.2	14	8	20		67	0
366	CAIRO (A)	320	1	9	02	2	6	Ci	20.6	13	7	18		67	0
372	CAIRO AL MÂZA (A)	50	1	15	01	2	5	Ci	20.2	13	7	19	0	67	0
374	CAIRO EZBEKÎYA											20	0		
375	GIZA	00	0	8	01	1	0	—	20.2	11	8	20	+1	82	0
378	HELWÂN	00	0	10	01	2	3	Ci	20.2	13	7	17	-2	67	
381	FAYOÛM	00	0	10	01	2	6	As	19.8	13	10	18	-3	82	0
387	MINYA (A)	00	0	7	02	2	6	Ci	19.0	13	8	18	-2	72	0
393	ASYOÛT (A)	270	4	10	01	1	5	Ac	19.4	14	8	21	0	67	0
399	NAG HAMÂDI	00	0	3	01	2	8	Cu,As	18.3	14	10	21	-1	77	0
402	QENA	270	2		00	0	0	—	17.2	14	10	20	-3	77	0
405	LUXOR (A)														
414	ASWAN	360	7	10	01	0	0	—	15.9	18	3	23	-1	37	0
417	SÎWA	270	2	14	02	2	7	As	20.9	11	1	16	-4	51	0
420	BAHARIYA	00	0	10	02	2	2	Ac	15.8	12	6	20	0	67	0
423	FARAFRA				00	0	0	—	21.4	14	5	18		55	0
432	DAKHLA	00	0	6	01	2	3	Ci	19.4	17	4	23	+1	42	0
435	KHARGA	00	0	8	01	2	3	Ci	16.8	15	5	21	-2	52	0
450	SUEZ	00	0	10	02	0	3	Cu	19.6	14	8	20	-1	67	0
459	TÔR														
462	HURGHÂDA	320	16	10	02	2	6	Ac,Ci	17.6	18	6	21	0	46	0
465	QUSEIR	340	11	20	01	0	3	Sc,Cu	17.2	20	14	21	-2	69	0
641	PORT SÛDÂN	360	7	20	03	1	7	Sc	14.5	26	22	29		79	0
600	WÂDI HALFA	10	11	20	01	1	1	Ac	14.8	19	6	25		43	0
640	ABU HAMAD	360	5	22	01	1	0	—	10.9	25	8	35		34	0
660	KAREIMA	20	1	21	01	1	0	—	10.9	26	10	32		37	0
680	ÂTBARA	10	11	20	02	0	0	—	8.6	29	7	36		25	0
721	KHARTOÛM											35			
730	KASSALA	40	4	20	02	0	0	—	8.6	27	12	35		40	0
751	WÂD MEDANI											35			
801	RENK											38			
802	ROSEIRES														
771	EL OBEID	80	5	20	02	0	0	—	8.6	25	7	35		32	0
760	EL FASHER	00	0	20	01	1	4	Ac,Ci	8.5	25	7	34		32	0
770	GENEINA														
840	MALAKÂL	50	1	20	01	1	4	Ci	7.7	25	13	37		48	
880	WÂU														
941	JUBA											37			

At 0600 on MONDAY 31th DECEMBER 1956

Index	Station	Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L.	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	SALLOUM																	
303	SIDI BARRANI	230	7	15	50	2	7	Sc	21.8		12	10	11		88	do	130	
306	MATRÛH (A)	350	[illegible]	16	03	2	7	Sc,Ac,Ci	21.7	+3.1	14	8	12		67	do	127	
309	EL DABAA	360	2	10	60	0	7	Cu	20.?		14	10	6		77	0	93	
319	ALEXANDRIA	350	10	20	03	6	7	Cb,Ac	20.6	+1.7	15	9	12	+1	68	20	118	96
315	ALEXANDRIA (A)	00	0	12	02	2	7	Cu,Sc	20.5	+2.5	13	12	12	+2	94	4	75	63
330	DAMIETTA	[illegible]	2	12	03	1	6	Ac	19.9	+1.9	11	9	6	-3	88	1	110	39
333	PORT SAID (A)	[illegible]	6	8	02	2	8	Cu,Ci	19.7	+1.7	14	11	12	0	82			
338	EL 'ARISH																	
339	DAMANHÛR	200	2	10	01	1	5	Cu	20.2	+1.6	12	10	5	-3	88	0	52	36
342	MANSÛRA	00	0		03	1	6	Cu	19.8	+1.2	11	7	8	0	77	0	39	15
348	TANTA	00	0	20	01	1	4		21.1	+2.0	9	7	5	-2	88	0	29	13
360	SHEBÎN EL KÔM	320	[illegible]	7	01	1	2	Cu	20.4	+1.2	10	6	8		76	0	23	
354	ZAGAZIG	00	0		03	2	8	Cu	19.2	0.0	10	8	8	-1	88	0	22	9
441	ISMAÎLIA	00	0	20	03	2	8	As	20.3		11	9	5		88	0	11	
366	CAIRO (A)	260	[illegible]	8	02	2	6	Sc	20.8		10	5	10		71	0	14	
372	CAIRO AL MÂZA (A)	260	6	3	05	2	7	Sc	20.7	+1.7	11	6	10	+1	71	0	15	
374	CAIRO EZBEKÎYA										12	6	10	+2	67	0	18	8
375	GIZA	00	0	5	01	0	5	Cb	21.4	+1.9	9	9	7	+1	82	0	19	9
378	HELWÂN	00	0	4	05	2	8	Ac,Cc	21.4	+1.8	11	4	10	+1	69	0	11	8
381	FAYOÛM	00	0	20	01	2	6	St	21.5	+2.1	11	6	9	+2	71	0	6	2
387	MINYA (A)	00	0	8	02	2	4	Ac	20.7	+0.6	12	6	8	+3	67	0	do	
393	ASYOÛT (A)	370	4	12	01	1	2	Ac	20.6	+0.4	10	8	6	+1	88	0	do	
399	NAG HAMÂDI	00	0		01	0	5	As,Ci	19.4	-0.3	10	8	6	0	88	0	1	
402	QENA	360	2	10	00	0	0	—	19.8	+0.8	11	7	7	0	77	0	do	
405	LUXOR (A)	00	0	20	00	0	3	Ac	19.7	+0.5	10	4	7		67	0	0	
414	ASWAN	00	0	12	02	0	0	—	19.5	+0.5	12	6	10	-1	67	0	0	
417	SÎWA	00	0	16	02	0	1	Ac	21.5	+0.8	10	1	4	0	54	0	19	4
420	BAHARIYA	00	0	10	02	0	0	—	21.7	+1.5	10	8	7	+2	88	0	2	4
423	FARAFRA	230	3	15	03	0	1	Ac	22.6		8	1	6		62	0	0	
432	DAKHLA	270	2	13	02	0	0	—	21.5	+0.9	10	3	4	-1	62	0	1	
435	KHARGA	00	0	9	03	0	1	Ci	19.1	-0.2	12	8	7	0	77	0	3	
450	SUEZ	00	0	20	00	0	6	Cu	19.8	+1.0	12	8	8	-2	77	0	14	8
459	TÔR																	
462	HURGHÂDA	320	18	20	02	2	6	Sc,Cu	17.9	+0.5	16	5	12	+1	49	0	do	
465	QUSEIR	280	6	20	02	0	3	Ac	17.6	0.0	16	8	13	-2	59	0	0	4
641	PORT SÛDÂN	340	8	20	02	2	7	Sc	16.0		25	10	23		39	0		
600	WÂDI HALFA	350	6	20	02	0	0		18.4		14	2	11		45	0		
640	ABU HAMAD	20	5	20	03	1	6	Ac,Cc	16.1		19	7	17		46	0		
660	KAREIMA																	
680	ÂTBARA	40	6	20	01	2	7	Ac,Ci	13.1		23	14	18		57	0		
721	KHARTOÛM	50	5	20	02	1	3	Ci	12.1		21	14	18		65	0		
730	KASSALA	60	3	20	03	0	5	Ac,Ci	11.2		25	10	21		61	0		
751	WÂD MEDANI	30	9	20	02	0	0	—	12.4		23	15	20		61	0		
801	RENK	310	5	20	02	0	0	—	13.0		20	7	16		43	0		
802	ROSEIRES	310	2	20	02	0	1	Ci	11.7		20	11	17		56	0		
771	EL OBEID																	
760	EL FASHER	00	0	10	05	1	5	Ac,Ci	14.6		16	4	14		45	0		
770	GENEINA	70	6	10	05	2	7	Ac,Cc	14.5		19	1	14		30	0		
840	MALAKÂL		6	20	03	0			11		25	19	19		70	0		
880	WÂU	220	6	20	03	2	6	Cu	9.5		25	19	22		70	0		
941	JUBA	180	5	20	01	0	2	Ac,Ci	11.0		26	19	19		66	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME