FORM No. 71

THE DAILY WEATHER REPORT

Egypt. METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 1st MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

CLOUD FORM

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

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WEATHER BUREAU

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U S Dept. of Commerce

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D3
1953
(May
Obs.

GENERAL FORECAST: Pleasant weather to Middle Egypt with some morning low cloud, but hot in Upper Egypt where temperature is expected to fall tomorrow.

العبارات للنظرة فى حالة الطقس
جو معتدل حتى وسط مصر يوسطى
مع رياح معتدله الغلب شماليه والسماء صحو بوجه عام
عدا فى الصباح الباكر حيث تظهر بعض السحب المنخفضه فى بعض الاحيان
ضغط ودرجه الحراة المتوقع فى مصر العليا وغدا فى سائر انحاء القطر .

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F. C.

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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Rocket Center, West Virginia
September 14, 1999

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [illegible] Sunrise 03 13 GMT
Sunset 16 32 GMT

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

At 1200 on THURSDAY 30th | At 1800 on THURSDAY 30th | AREA | INDEX NUMBER | STATION | At 0600 on FRIDAY 1st MAY 1953

1200 WIND DIRECTION	1200 WIND VELOCITY KNOTS	1200 VISIBILITY (m.m.)	1200 PRESENT WEATHER	1200 PAST WEATHER	1200 CLOUD AMOUNT	1200 CLOUD TYPE	1200 CLOUD HEIGHT	1200 TEMPERATURE DRY BULB	1200 TEMPERATURE WET BULB	1200 RELATIVE HUMIDITY %	1200 RAIN PAST 12 hrs mms.	1800 WIND DIRECTION	1800 WIND VELOCITY KNOTS	1800 VISIBILITY (m.m.)	1800 PRESENT WEATHER	1800 PAST WEATHER	1800 CLOUD AMOUNT	1800 CLOUD TYPE	1800 CLOUD HEIGHT	1800 TEMPERATURE DRY BULB	1800 TEMPERATURE WET BULB	1800 RELATIVE HUMIDITY %	1800 RAIN PAST 12 hrs mms.	0600 WIND DIRECTION	0600 WIND VELOCITY KNOTS	0600 VISIBILITY (m.m.)	0600 PRESENT WEATHER	0600 PAST WEATHER	0600 CLOUD AMOUNT	0600 CLOUD TYPE	0600 BAR PRESSURE M.S.	0600 BAR PRESSURE Diff. from normal	0600 TEMPERATURE DRY BULB	0600 TEMPERATURE WET BULB	0600 TEMPERATURE MINIMUM Today	0600 TEMPERATURE MINIMUM Diff. from normal	0600 RELATIVE HUMIDITY %	0600 RAINFALL Past 24 hrs	0600 RAINFALL Diff. from normal	0600 SUNSHINE Hours
20	9	35	03	2	5	Cs	13.0	22	13	57	340	9	15	00	0	0	—	13.5	19	12	22	-4	64	0																	
320	16	15	02	3	7	Cu,Sc	11.8	20	13	64	320	9	14	02	2	4	Sc	12.8	17	13	21		78	0																	
310	9	18	02	1	6	Sc,Cu	11.8	19	13	68	300	11	14	02	2	7	Sc,Cu	11.8	17	12	21		72	0																	
360	5	35	03	2	6	Sc	11.3	20	15	73	340	5	7	03	2	7	St	11.1	18	13	22		73	0																	
360	16	50	02	2	4	Cu	10.6	21	14	65	310	11	35	02	2	4	Sc	11.5	18	15	32	-3	83	0	319	ALEXANDRIA															
340	3	18	01	1	3	Cs	10.3	22	16	69	340	4	12	01	1	3	Sc	11.2	18	14	22	-3	78	0	318	ALEXANDRIA (A)															
340	5	35	03	1	6	Ac	9.9	23	15	61	320	2		01	0	0	—	10.0	20	17	25	0	83	0	330	DABETTA															
360	10	30	01	0	3	Ci	9.6	22	16	69	360	8	18	01	1	3	Ci	9.3	20	18	25	+1	88	0	329	PORT SAÏD (A)															
330	8	30	03	1	2	Ci	8.4	20	17	83	00	0	14	01	1	2	Ac	9.0	19	18	24		94	0	328	EL ARISH															
40	9	15	02	0	0	—	10.0	27	16	52	40	9	15	02	0	0	—	11.8	19	14	28	-1	73	0	335	DAMIANHUR															
40	5	35	03	2	5	Ci	9.1	31	12	31	20	3		00	1	0	—	10.2	22	12	31	+1	53	0	342	MANSURA															
310	5	35	01	1	2	Ci	8.8	30	11	31	270	2	35	01	1	2	Ci	10.2	22	15	32	+2	65	0	348	TANTA															
20	5	35	00	0	0	—	9.1	31	12	31	340	5	15	01	1	2	Ac	10.2	23	10	32		44	0	360	SHERIN EL KÔM															
00	0	50	02	1	3	Ci	9.0	32	16	38	40	2	35	02	1	0	—	9.9	23	10	34	+4	44	0	354	ZAGAZIG															
360	2	35	03	1	4	Ci	8.4	32	9	24	40	2	35	01	0	0	—	9.9	22	13	35		57	0	441	ISMAILIA															
340	6	14	02	0	2	Ci	8.9?	32	12	30	40	8	12	01	2	3	Ci	9.2	26	14	33		48	0	368	CAIRO (A)															
20	11	15	03	1	2	Cs	8.5	32	14	34	20	11	12	01	2	3	Ci	9.2	26	14	32	+1	48	0	370	CAIRO ALMAZA (A)															
350		18	03	0	3	Ci	7.9	32	14	34	20		10	01	1	2	Ci	9.4	26	13	33	+2	45	0	374	CAIRO HELIOPOLIS															
350		18	03	0	3	Ci	8.0	31	14	36	20		10	01	1	2	Ci	9.5	26	12	32	+1	42	0	375	GIZA															
320	11	15	03	2	6	Ci	8.0	33	4	16	20	12	7	02	2	7	Ci	9.3	26	10	33	+2	37	0	378	HELWAN															
360	6	35	02	1	3	Ci	7.1	33	8	21	360	6	15	03	0	6	Ci	9.1	27	13	35	+3	42	0	381	FAYOUM															
350	11	8.	02	1	1	Ci	6.3	36	4	13	340	6	8	02	1	4	Ci	6.8	26	10	36	+3	37	0	387	MINYA (A)															
310	18	80	02	1	1	Ci	5.1	38	-7	6	280	8	10	01	2	1	Ac	6.3	29	3	38	+4	19	0	395	ASSIUT (A)															
00	0		00	0	0	—	5.1	39	7	14	00	0		00	0	0	—	5.6	26	7	40	+6	30	0	399	NEG HAMADI															
270	1	50	03	1	3	Ci	4.3	41	10	16	270	1	7	02	1	3	Ci	6.3	30	13	42	+5	33	0	402	QENA															
190	7	30	03	1	4	Ci	4.1	41	-6	5															405	LUXOR (A)															
250	2	50	03	2	3	Ac	3.9	40	9	15	00	0	50	00	0	0	—	5.0	37	9	42	+5	18	0	411	ASWAN															
300	6	14	02	2	2	Ci	11.9	30	0	14	310	3	8	03	0	1	Ac	11.6	26	0	31	-1	18	0	417	SIWA															
320	2	35	02	1	2	Ac	9.5	32	9	24	320	1	15	02	0	0	—	8.8	26	0	33	0	18	0	420	BAHARIYA															
350	8	35	02	1	1		10.0	34	3	14	350	6	35	00	1	0	—	10.3	25	2	34		22	0	425	FARAFRA															
360	11	50	00	0	0	—	7.1	35	-4	8	340	11	35	00	0	0	—	8.8	30	-4	37	+1	11	0	432	DAKHLA															
																									435	KHARGA															
360	8	50	03	0	3	Cu	6.8	32	9	24	310	9	15	01	0	0	—	9.5	25	11	34	+3	42	0	450	SUEZ															
180	5	35	03	1	2	Ci	6.8	28	22	70	90	2	15	02	1	0	—	7.0	25	19	29	-1	70	0	459	TOR															
90	12	30	03	1	4	Ci	6.5	27	19	62	140	8	12	01	1	2	Ci	6.6	24	21	29	+2	84	0	482	PORT SUDAN															
20	2	15	02	0	0	—	6.0	27	21	70	120	2	15	02	0	0	—	7.4	25	20	28	-1	74	0	485	QUSEIR															
90	12	30	03	1	6	Cb,Ci	5.1	30	29	94											33				841	PORT SUDAN															
00	0	30	03	0	2	Ci	3.8	40	-6	5															806	WAD HALFA															
270	1	30	03	0	1	Cu		41	5	11											42				840	ABU HAMED															
360	1	30	02	0	0	—	2.3	42	4	10															660	KAPOSHA															
230	2	30	01	1	2	Cu	1.4	41	4	10															680	ATBARA															
340	3	30	02	2	7	Cs	2.7	40	0	8											40				721	KHARTOUM															
130	1	30	03	2	7	Cu,Cs	2.0	39	15	24															780	KASSALA	180	6	30	02	2	7	Sc,Cs	10.0		29	18	26		52	0		
360	9	35	02	2	8	Ci	2.6	39	12	20															751	WAD MEDANI															
																									801	RANK															
230	5	35	02	1	5	Cu	4.1	39	19	32											39				902	ROSEIRES	130	2	35	02	1	5	Cu	12.5.		24	19	22		74	0		
																									771	EL OBEID															
90	3	30	01	2	5	Cs		37	-5	7															780	EL FASHER															
110	4	30	01	1	2	Cu,Cs		38	-1	9															770	GENEINA															
170	6	30	03	2	7	Ns,Cs	5.0	35	17	35											36				840	MALAKAL	90	5	30	02	6	8	Ci	11.7		25	23	23		88	dr.		
230	4	30	01	2	7	Ac,Cs	6.7	31	52	20											34				880	WAU	180	2	30	61	6	7	Ns	10.1		26	22	25		78	dr.		
180	10	50	02	2	7	Cb,Ac	6.3	33	18	41											35				941	JUBA	00	0	30	02	2	7	Ci	11.3		27	23	23		78	dr.		

RETARDS — DATE

(A) AERODROME

F.G.

* Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla	
DATE	30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4		30-4	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	16	300	7	20	9	360	10	330	17	10	9	310	13	240	33	240	8	340	10	350	9
600 m.	330	24	280	4	30	7	310	12	10	4	350	8	340	16	210	13	210	2	330	10	350	10
1000 m.			280	11	30	8	340	9	80	7	350	10	350	11	230	15	250	9	340	7	350	10
1500 m.			290	12	40	8	300	11	330	5	340	8	360	10	250	25	240	5	320	9	350	10
2100 m.			230	13	60	8	250	17	220	13					210	38	250	16	330	13		
2400 m.			230	10	70	7	260	13	220	9					250	25	230	5	300	14		
3000 m.			250	10			230	21	200	30									310	17		
4000 m.																			280	20		
5000 m.																			280	20		
8000 m.																			270	24		

STATION	Hurghada				Minya		Asyut		Khartoum		Malakal		W. Halfa		El Obied		P. Sudan		Juba			
DATE	30-4				1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5			
TIME	14				02		02		04		05		04		04		03		00			
ALTITUDE	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	15			350	10	350	9					10	8			50	1				
600 m.	160	15			340	6	20	18	50	3	120	12	30	17			220	1	330	3		
1000 m.	160	17			330	8	350	20	340	10	130	16	20	15	230	15	160	16	240	7		
1500 m.	160	6			350	6	320	20	310	1	140	8			280	4	30	13	150	7		
2100 m.	200	8					290	25											120	7		
2400 m.	240	14							90	1	150	5	310	11	40	5	50	10	100	10		
3000 m.	230	16							120	6	30	5	330	13	20	6	10	2	110	11		
4000 m.																			100	11		
5000 m.									10	3			300	14	80	4	210	4				
6000 m.													270	22	110	3	260	3				

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut		Luxor		Baharia		Dakhla		Kharga	
DATE	1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5	
TIME	08		08		08		08		07		08		08		08 15		08		08		08	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	11	320	12	290	8	310	13	340	11	330	2	310	13	40	2	360	10	360	7	360	10
600 m.	300	17	300	10	330	11	270	5	320	17	300	3	310	10	360	3	360	11	360	7	360	14
1000 m.	300	19	300	14	310	9	240	7	320		320	4	320	10	360	15	350	11	360	9	360	15
1500 m.	290	18			290	10	200	14	280	8	320	5	320	10	310	19	350	17	320	17	310	15
2100 m.							210	9	240	3			300	18	270	19	350	21	250	16	280	17
2400 m.							240	14	280	7			280	12	290	23			250	15		
3000 m.							200	13	290	12			250	16								
4000 m.									300	23												
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	30-4																			
TIME	1500																			
	ALT. m.	TEMP °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	70	32		350	10															
950 mb.																				
900 mb.																				
850 mb.	1496	19		360	6															
800 mb.																				
700 mb.	3127	8		200	19															
600 mb.																				
500 mb.	5812	-10		260	22															
400 mb.	7492	-22		250	32															
300 mb.	9542	-38		250	45															
200 mb.																				

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE SATURDAY 2nd MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *for the next 24 hours from noon today*

Pleasant weather continues in Lower and Middle Egypt and hot in Upper Egypt. Patches of low and high clouds in the north. Winds mainly moderate northeasterly.

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم لاظهر غد

جو معتدل حتى مصر الوسطى وحار فى أعالى الصعيد

يظهر بعض السحاب المنخفض والعالى فى شمال الجمهورية والرياح

شمالية شرقية معتدلة

F.G.

Printed by the Survey of Egypt 1952 (52/334)

AIR NORTH SURFACE OBSERVATIONS

CARD 1 — Time Zone 03 — G.M.T.
Space 10 — G.M.T. 33

At 1200 on FRIDAY 1st

WIND DIR.	WIND SPEED	VIS.	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORM	BAR. PRESS.	TEMP. DRY	TEMP. WET	HUMIDITY	WIND DIR.	WIND SPEED	CLOUD AMOUNT	CLOUD FORM	CLOUD HEIGHT	BAR. TEND.	PRESS. CHANGE	PRESS. TENDENCY	RAIN PAST 12 hrs.
20	13	15	00	0	0	—	15.1	21	10	50	290	9	15	03	1	6	Ci	14.1	18	10	23	+3	60	0
320	9	18	02	0	0	—	14.1	21	12	57	330	6	14	02	1	6	Ci	14.4	17	12	21		72	0
300	15	30	02	0	0	—	13.0	20	14	69	290	7	14	02	0	1	Ci	14.2	17	11	22		68	0
320	12	35	01	1	1	Cu	12.9	21	14	65	340	5	7	01	1	2	Cu	13.4	17	11	22		68	0
											310	16	35	03	2	4	Sc	13.6	18	13	21	-4	73	0
290	15	18	03	1	3	Sc	12.8	21	14	65	00	0	12	02	1	3	Sc	12.7	18	13	22	-3	73	0
340	5	35	01	1	0	—	11.9	22	15	65	360	9	7	00	0	0	—	12.8	19	16	23	-2	83	0
350	13	30	01	0	0	—	12.0	22	17	74	340	16	15	03	0	2	Sc	12.5	20	16	23	-1	78	0
											300	3	14	02	0	0	—	11.6	19	17	24		88	0
310	9	15	02	0	0	—	12.7	28	15	45	310	9	15	02	1	2	Cu	13.5	17	13	28	-1	77	0
20	5	35	00	0	0	—	11.4	27	13	42	360	5		00	0	0	—	13.1	19	14	28	-2	73	0
310	8	35	02	0	0	—	11.4	28	13	40	270	2	35	02	0	0	—	12.7	18	15	29	-1	83	0
340	9	35	01	1	3	Cu	10.6	28	10	33	340	5	15	00	0	0	—	12.8	20	11	29		56	0
00	0	50	02	0	0	—	11.2	29	10	31	00	0	35	02	0	0	—	12.6	20	15	31	+1	73	0
290	2	35	01	0	0	—	11.1	29	9	29	360	5	35	01	0	0	—	12.7	21	16	30		74	0
300	12	13	00	0	0	—	11.8	28	13	40	340	8	13	00	0	0	—	12.2	22	15	29		65	0
290	10	30	00	2	0	—	11.5	28	13	40	340	13	12	00	0	0	—	12.1	22	14	29	-2	61	0
320	3	18	00	2	0	—	12.0	28	10	33	360	4	10	00	0	0	—	12.8	22	13	30	-1	57	0
320	3	18	00	2	0	—	11.5	28	10	33	360	4	10	00	0	0	—	12.7	21	12	29	-2	57	0
320	8	35	01	0	0	—	11.9	27	9	33	320	11	7	02	0	0	—	12.3	23	9	28	-3	41	0
360	6	35	02	0	0	—	11.1	29	9	29	360	8	35	02	0	0	—	10.7	24	6	31	-1	32	0
340	8	10	02	0	0	—	11.2	31	4	18	00	0	8	02	0	0	—	10.8	20	11	31	-2	56	0
340	12	30	02	0	0	—	9.7	32	2	15	00	0	12	02	0	0	—	10.7	25	4	33	-1	26	0
											320	2		00	0	0	—	9.9	27	6	38	+3	27	0
270	2	50	00	0	0	—	7.6	39	22	38	270	1	7	00	0	0	—	9.5	31	17	40	+3	43	0
290	9	30	02	0	0	—	7.7	37	-1	9	270	4	12	02	0	0	—	8.7	29	-1	38		14	0
360	4	50	00	0	0	—	7.2	39	10	17	340	4	50	00	0	0	—	8.2	35	8	40	+2	19	0
270	4	14	02	0	1	Ci	15.0	30	6	22	280	6	8	02	1	3	Ci	13.4	25	6	31	-1	30	0
360	2	35	02	0	0	—	13.1	29	6	23	320	2	15	02	0	0	—	13.1	24	6	30	-3	32	0
20	7	35	00	0	0	—	14.0	30	1	16	360	4	15	00	0	0	—	12.8	24	3	31		26	0
340	15	50	00	0	0	—	11.5	32	-3	10	340	11	35	00	0	0	—	12.4	27	-8	33	-3	9	0
360	4	15	00	0	0	—	9.0	35	11	23	00	0	15	00	0	0	—	10.2	28	4	36	0	22	0
360	7	50	01	0	0	—	10.7	29	12	35	310	9	15	02	1	0	—	13.0	22	13	32	+1	57	0
310	9	50	02	0	0	—	7.9	31	19	49	270	5	35	02	0	0	—	9.6	27	17	31	+1	55	0
350	15	30	02	0	0	—	8.3	26	18	62	310	16	12	02	0	0	—	8.6	28	18	29	+2	55	0
40	2	15	02	0	0	—	8.0	27	19	62	00	0	15	02	0	0	—	8.0	25	19	28	-1	70	0
90	10	30	03	2	7	Cb,Ac	6.5	30	27	84	90	3	30	01	2	1	Cb	7.5	29	27	33		89	0
10	12	30	02	0	0	—	7.0	39	-5	6													41	
											00	0	30	02	0	0	—		35	-1	43		10	0
40	1	30	02	0	0	—	4.2	42	-4	6	330	5	30	02	0	0	—	3.6	35	-6	43		7	0
210	1	30	03	0	2	Cu	2.5	42	3	9													43	
160	2	30	03	0	2	Cu,Ci	4.4	41	10	16	00	0	30	02	0	0	—	4.5	35	9	41		20	0
270	5	30	02	2	8	Cu,Cs	4.5	37	15	27	00	0	30	13	2	7	Cb,Cs	6.1	30	18	37		49	0
130	2	35	02	1	4	Cu	7.5	40	32	55													39	
90	5	30	01	1	4	Cu,Cs	3.5	38	7	15	00	0	30	13	2	6	Cb,Ac	5.1	31	12	40		31	0
150	5	50	01	1	8	Ci		38	-1	9													39	
130	3	30	03	0	1	Cu		38	0	9														
110	8	30	01	6	6	Cu,Ac	6.4	34	16	34													36	
362	3	30	17	2	7	Cb,Ac	6.3	33	21	50	00	0	30	13	2	4	Cb,Ac	6.7	27	21	34		70	dr.
00	0	50	01	2	6	Cb,Ac	6.5	31	20	52	90	4	30	13	2	6	Cb,Ci	7.9	27	21	34		70	0

At 1800 on FRIDAY 1st

WIND DIR.	WIND SPEED	VIS.	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORM	BAR. PRESS.	TEMP. DRY	TEMP. WET	HUMIDITY	WIND DIR.	WIND SPEED	CLOUD AMOUNT	CLOUD FORM	CLOUD HEIGHT	BAR. TEND.	PRESS. CHANGE	PRESS. TENDENCY	RAIN PAST 12 hrs.
90	5	15	03	4	7	Cu,Sc	14.8	+1.6	17	11	12	-3	68	0	37				
30	1	12	02	0	2	Ci	14.9		18	13			73	0	109				
340	4	14	02	0	1	Sc,Ci	14.7	+0.5	18	13	11		73	0	52				
20	5	15	01	1	2	Cu	15.2		18	13	11		73	0	95				
360	5	50	03	2	6	Cu	15.2	+1.1	18	13	16	0	73	0	125	184			
20	3	18	02	2	5	Sc	15.4	+0.8	19	13	16	+1	68	0	122	138			
220	2	7	03	1	6	Cu	15.2	+1.4	20	15	16	0	73	0	56	104			
280	5	18	01	1	5	Sc	15.4	+1.3	19	11	17	-1	60	0	61				
260	2	30	01	1	3	Cu,Sc	14.6	+0.9	21	12	15		57	0	46				
310	9	15	02	1	2	Cu	14.7	+0.8	17	13	14	0	77	0	43	99			
270	3	15	03	2	5	Cu	15.0	+1.0	19	14	14	0	73	0	48	53			
00	0	35	03	2	6	Cu,Ac	14.7	+0.6	18	13	11	-2	73	0	18	41			
270	5	15	01	1	2	Ac	15.6	+1.4	18	10	13		60	0					
00	0	35	02	1	4	Cu	15.4	+1.2	19	12	13	0	64	0	29	26			
290	2	35	03	1	3	Cu	15.4		19	12	14		64	0	32				
20	2	14	01	2	5	Sc,Ci	15.0		17	12	14		72	0	7				
50	3	12	01	2	4	Ac	15.6	+1.2	16	11	15	-1	72	0	8				
20	2	10	02	1	4	Sc,Ci	15.4	+1.7	19	12	15	-1	64	0	15	25			
20	2	10	02	1	4	Sc,Ci	16.1	+2.4	18	11	12	0	64	0	43	25			
360	3	7	02	2	7	Ci	15.8	+2.4	17	9	14	-2	60	0	3	28			
20	4	35	02	0	1	Ci	15.9	+2.5	18	13	14	-1	73	0	14	8			
340	5	10	02	1	1	Ci	15.2	+1.0	19	13	14	-1	68	0	1				
280	4	14	02	1	1	Ci	14.8	+2.2	21	10	16	-2	50	0	2				
00	0	7	01	0	3	Ac	13.8	+1.9	25	11	15	-1	42	0	0.3				
270	1	35	00	0	0	—	14.0	+2.7	28	15	16	-2	45	0	2				
360	3	50	00	0	0	—	12.4	+1.0	28	7	23	+1	27	0	2				
90	5	14	02	0	1	Ci	16.3	+1.6	18	5	13	-1	43	0	2	8			
90	2	35	02	1	1	Cu	16.2	+2.3	19	9	14	-1	52	0	dr.	7			
20	2	50	00	0	0	—	15.9		20	3	13		33	0	1				
110	9	50	00	0	0	—	15.0	+2.2	25	2	16	-1	22	0	0				
360	1	15	00	0	0	—	14.3	+2.3	24	9	16	-3	38	0	dr.				
310	5	35	00	0	2	Cu	15.1	+1.8	20	11			56	0	45	16			
310	9	35	02	0	0	—	12.3	+0.9	23	18	22	+3	74	0	Rain	13			
320	8	18	02	0	0	—	12.1	+0.4	25	18	21	+3	65	0	7				
360	5	15	02	0	0	—			25	17	22	0	61	0	12	4			
20	5	30	03	2	8	Sc	10.6		30	26	26		79	0					
360	7	30	02	0	0	—	11.4		27	-2	25		15	0					
00	0	30	01	0	0	—			31	-2			11	0					
30	3	30	02	0	0	—	9.0		32	0	25		13	0					
210	1	30	02	0	0	—	8.3		32	13	27		31	0					
180	10	30	01	0	0	—	8.2		32	10	23		26	0					
110	6	30	01	2	1	Ac	6.5		33	15	25		34	0					
310	13	35	02	0	4	Ac			29	20	27		59	0					
240	5	30	01	0	1	Ac	7.4		31	13	23		33	0					
00	0	50	02	0	0	—			23	-1	17		20	0					
160	8	30	03	2	7	Ac,Ci	9.4		28	19	24		58	dr.					
200	4	30	02	0	2	Ac	8.3		28	21			66	dr.					
180	3	50	02	2	7	Ac	10.2		27	21	23		70	0					

At 0600 on SATURDAY 2nd MAY 1953

WIND DIR.	WIND SPEED	VIS.	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORM	BAR. PRESS.	TEMP. DRY	TEMP. WET	HUMIDITY	WIND DIR.	WIND SPEED	CLOUD AMOUNT	CLOUD FORM	CLOUD HEIGHT	BAR. TEND.	PRESS. CHANGE	PRESS. TENDENCY	RAIN PAST 12 hrs.
90	5	15	03	4	7	Cu,Sc	14.8	+1.6	17	11	12	-3	68	0	37				
30	1	12	02	0	2	Ci	14.9		18	13			73	0	109				
340	4	14	02	0	1	Sc,Ci	14.7	+0.5	18	13	11		73	0	52				
20	5	15	01	1	2	Cu	15.2		18	13	11		73	0	95				
360	5	50	03	2	6	Cu	15.2	+1.1	18	13	16	0	73	0	125	184			
20	3	18	02	2	5	Sc	15.4	+0.8	19	13	16	+1	68	0	122	138			
220	2	7	03	1	6	Cu	15.2	+1.4	20	15	16	0	73	0	56	104			
280	5	18	01	1	5	Sc	15.4	+1.3	19	11	17	-1	60	0	61				
260	2	30	01	1	3	Cu,Sc	14.6	+0.9	21	12	15		57	0	46				
310	9	15	02	1	2	Cu	14.7	+0.8	17	13	14	0	77	0	43	99			
270	3	15	03	2	5	Cu	15.0	+1.0	19	14	14	0	73	0	48	53			
00	0	35	03	2	6	Cu,Ac	14.7	+0.6	18	13	11	-2	73	0	18	41			
270	5	15	01	1	2	Ac	15.6	+1.4	18	10	13		60	0					
00	0	35	02	1	4	Cu	15.4	+1.2	19	12	13	0	64	0	29	26			
290	2	35	03	1	3	Cu	15.4		19	12	14		64	0	32				
20	2	14	01	2	5	Sc,Ci	15.0		17	12	14		72	0	7				
50	3	12	01	2	4	Ac	15.6	+1.2	16	11	15	-1	72	0	8				
20	2	10	02	1	4	Sc,Ci	15.4	+1.7	19	12	15	-1	64	0	15	25			
20	2	10	02	1	4	Sc,Ci	16.1	+2.4	18	11	12	0	64	0	43	25			
360	3	7	02	2	7	Ci	15.8	+2.4	17	9	14	-2	60	0	3	28			
20	4	35	02	0	1	Ci	15.9	+2.5	18	13	14	-1	73	0	14	8			
340	5	10	02	1	1	Ci	15.2	+1.0	19	13	14	-1	68	0	1				
280	4	14	02	1	1	Ci	14.8	+2.2	21	10	16	-2	50	0	2				
00	0	7	01	0	3	Ac	13.8	+1.9	25	11	15	-1	42	0	0.3				
270	1	35	00	0	0	—	14.0	+2.7	28	15	16	-2	45	0	2				
360	3	50	00	0	0	—	12.4	+1.0	28	7	23	+1	27	0	2				
90	5	14	02	0	1	Ci	16.3	+1.6	18	5	13	-1	43	0	2	8			
90	2	35	02	1	1	Cu	16.2	+2.3	19	9	14	-1	52	0	dr.	7			
20	2	50	00	0	0	—	15.9		20	3	13		33	0	1				
110	9	50	00	0	0	—	15.0	+2.2	25	2	16	-1	22	0	0				
360	1	15	00	0	0	—	14.3	+2.3	24	9	16	-3	38	0	dr.				
310	5	35	00	0	2	Cu	15.1	+1.8	20	11			56	0	45	16			
310	9	35	02	0	0	—	12.3	+0.9	23	18	22	+3	74	0	Rain	13			
320	8	18	02	0	0	—	12.1	+0.4	25	18	21	+3	65	0	7				
360	5	15	02	0	0	—			25	17	22	0	61	0	12	4			
20	5	30	03	2	8	Sc	10.6		30	26	26		79	0					
360	7	30	02	0	0	—	11.4		27	-2	25		15	0					
00	0	30	01	0	0	—			31	-2			11	0					
30	3	30	02	0	0	—	9.0		32	0	25		13	0					
210	1	30	02	0	0	—	8.3		32	13	27		31	0					
180	10	30	01	0	0	—	8.2		32	10	23		26	0					
110	6	30	01	2	1	Ac	6.5		33	15	25		34	0					
310	13	35	02	0	4	Ac			29	20	27		59	0					
240	5	30	01	0	1	Ac	7.4		31	13	23		33	0					
00	0	50	02	0	0	—			23	-1	17		20	0					
160	8	30	03	2	7	Ac,Ci	9.4		28	19	24		58	dr.					
200	4	30	02	0	2	Ac	8.3		28	21			66	dr.					
180	3	50	02	2	7	Ac	10.2		27	21	23		70	0					

AREA — INDEX NUMBER — LOCATION

63860 — Sidney
668 — Dublin Castle
006 — Wicklow (?)
08 — Glenmalure
319 — Rathdrum
330 — Arklow
334 — Courtown
336 — Rosslare
338 — Wexford
340 — Enniscorthy
342 — Gorey
344 — Arklow
346 — Wicklow
348 — Bray
350 — Dublin
352 — Phoenix Park
354 — Dublin Castle
356 — Kilbride
358 — Dublin Airport
360 — Balbriggan
362 — Drogheda
364 — Dundalk
366 — Carlingford
368 — Newry
370 — Warrenpoint
372 — Rostrevor
374 — Kilkeel
375 — Annalong
376 — Newcastle
378 — Ballynahinch
380 — Dromara
382 — Dromore
384 — Banbridge
386 — Rathfriland
388 — Hilltown
390 — Newry
392 — Forkhill
394 — Crossmaglen
396 — Keady
398 — Armagh
400 — Portadown
402 — Lurgan
404 — Moira
406 — Lisburn
408 — Belfast
410 — Carrickfergus
412 — Larne
414 — Ballycastle
416 — Ballymoney
418 — Coleraine
420 — Portrush
422 — Portstewart
424 — Limavady
426 — Londonderry
428 — Strabane
430 — Omagh
432 — Dungannon
434 — Cookstown
436 — Magherafelt
438 — Maghera
440 — Antrim
442 — Ballymena
444 — Glenarm
446 — Cushendall
448 — Cushendun
450 — Ballycastle
452 — Portrush
454 — Portstewart
456 — Limavady
458 — Londonderry
460 — Strabane
462 — Omagh
464 — Dungannon
466 — Cookstown
468 — Magherafelt
470 — Maghera
472 — Antrim
474 — Ballymena
476 — Glenarm
478 — Cushendall
480 — Cushendun
482 — Ballycastle
484 — Portrush
486 — Portstewart
488 — Limavady
490 — Londonderry
492 — Strabane
494 — Omagh
496 — Dungannon
498 — Cookstown
500 — Magherafelt
502 — Maghera
504 — Antrim
506 — Ballymena
508 — Glenarm
510 — Cushendall
512 — Cushendun
514 — Ballycastle
516 — Portrush
518 — Portstewart
520 — Limavady
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524 — Strabane
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710 — Portstewart
712 — Limavady
714 — Londonderry
716 — Strabane
718 — Omagh
720 — Dungannon
722 — Cookstown
724 — Magherafelt
726 — Maghera
728 — Antrim
730 — Ballymena
732 — Glenarm
734 — Cushendall
736 — Cushendun
738 — Ballycastle
740 — Portrush
742 — Portstewart
744 — Limavady
746 — Londonderry
748 — Strabane
750 — Omagh
752 — Dungannon
754 — Cookstown
756 — Magherafelt
758 — Maghera
760 — Antrim
762 — Ballymena
764 — Glenarm
766 — Cushendall
768 — Cushendun
770 — Ballycastle
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808 — Limavady
810 — Londonderry
812 — Strabane
814 — Omagh
816 — Dungannon
818 — Cookstown
820 — Magherafelt
822 — Maghera
824 — Antrim
826 — Ballymena
828 — Glenarm
830 — Cushendall
832 — Cushendun
834 — Ballycastle
836 — Portrush
838 — Portstewart
840 — Limavady
842 — Londonderry
844 — Strabane
846 — Omagh
848 — Dungannon
850 — Cookstown
852 — Magherafelt
854 — Maghera
856 — Antrim
858 — Ballymena
860 — Glenarm
862 — Cushendall
864 — Cushendun
866 — Ballycastle
868 — Portrush
870 — Portstewart
872 — Limavady
874 — Londonderry
876 — Strabane
878 — Omagh
880 — Dungannon
882 — Cookstown
884 — Magherafelt
886 — Maghera
888 — Antrim
890 — Ballymena
892 — Glenarm
894 — Cushendall
896 — Cushendun
898 — Ballycastle
900 — Portrush
902 — Portstewart
904 — Limavady
906 — Londonderry
908 — Strabane
910 — Omagh
912 — Dungannon
914 — Cookstown
916 — Magherafelt
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920 — Antrim
922 — Ballymena
924 — Glenarm
926 — Cushendall
928 — Cushendun
930 — Ballycastle
932 — Portrush
934 — Portstewart
936 — Limavady
938 — Londonderry
940 — Strabane
942 — Omagh
944 — Dungannon
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962 — Ballycastle
964 — Portrush
966 — Portstewart
968 — Limavady
970 — Londonderry
972 — Strabane
974 — Omagh
976 — Dungannon
978 — Cookstown
980 — Magherafelt
982 — Maghera
984 — Antrim
986 — Ballymena
988 — Glenarm
990 — Cushendall
992 — Cushendun
994 — Ballycastle
996 — Portrush
998 — Portstewart

AREA — CENTRAL SHEET — NORTH SHEET

781 — NORTH
801 — CENTRAL
900 — NORTH
771 — CENTRAL
780 — NORTH
770 — CENTRAL
840 — NORTH
850 — WEST
84 — CENTRAL

REMARKS — DATE

B = Sky obscured by fog etc.

(M) AEROPLANE

F. G.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Asyut		Siwa		Dakhla		Kharga		Hurghada			
DATE	1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5		1-5			
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	17	330	17			340	19	360	20	330	22	290	14	330	15	340	10	260	23		
600 m.	290	16	300	14	310	17	290	24	320	14	320	24	290	11	340	20	330	11	260	14		
1000 m.	280	23	280	17	320	15	260	21	300	11	330	16	310	19	330	16	330	13	250	12		
1500 m.	310	19	290	15			260	8			320	14	340	14	350	13	280	14	280	11		
2100 m.	300	23	300	18			220	5			270	19	350	10					280	20		
2400 m.	290	23	290	22			250	10					350	13					270	20		
3000 m.	300	19											350	23					260	13		
4000 m.													320	21								
5000 m.													310	19								
6000 m.													290	28								

STATION	Matruh		P. Said		Asyut		Juba		W. Halfa		Kareima		Atbara		Khartum		El Fasher		El Obeid		Malakal	
DATE	2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5	
TIME	4		3		2		4		4		3		4		3		4		4		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	360	7	340	9	340	10			40	13												
600 m	40	14	310	8	340	16	210	5	30	16	40	24	160	15	40	11					160	15
1000 m	40	13	320	7	300	3	190	11	30	9	40	17	160	15	50	14	50	1	210	17	160	4
1500 m.	360	11	260	7	320	16	120	10	360	7	20	15	130	17			80	17	160	5	50	8
2100 m	300	9	340	5	330	15																
2400 m	310	8					100	9	310	15	10	9	40	19	20	14	80	23	70	13		
3000 m							70	8	320	19	10	6	30	17	360	9	110	20	70	25	50	15
4000 m																						
5000 m							20	10									80	19				
6000 m.									150	2	270	18	310	8	300	8			300	3		

STATION	S. Barani		Matruh		P. Said		Helwan		Minya		Asyut		Siwa		Baharia		Dakhla		Kharga		Hurghada	
DATE	2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5	
TIME	08		08		08		6 45		08		08		08		08		08		08		08	
ALTITUDE	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	10	40	2	270	9	10	10	350	9	320	5	100	20	350	6	360	5	10	10	330	16
600 m	110	17	80	13	300	5	30	9			350	8	110	13	340	6	20	11	360	15	310	13
1000 m	120	17	60	10	300	3	330	12			360	13	30	4	340	7	10	9	360	15	320	11
1500 m	360	4	330	7	360	10	320	13			350	5	350	12			260	5	360	6	250	19
2100 m	320	12	320	10	300	16	280	13	320	6	10	7	360	10			290	5	310	7		
2400 m	320	12	310	11	300	15	310	23	320	11	10	7	350	5			250	10	290	9		
3000 m	320	30	300	23	300	24			310	9	330	10	320	10					280	20		
4000 m			320	22									300	13								
5000 m			340	31									310	23								
6000 m													280	31								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																					
DATE	1-5-53																					
TIME	1500																					
	ALT. m	TEMP. °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																								
1000 mb.	97	28		310	10																			
950 mb.																								
900 mb.																								
850 mb.	1568	18		280	11																			
800 mb.																								
700 mb.	3138	8																						
600 mb.																								
500 mb.	5824	-10																						
400 mb.	7510	-21																						
300 mb.	9570	-36																						
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE SUNDAY 3rd MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *for the next 24 hours from noon today*

Temperature continues to rise inland, while remaining cool near the coast. Sky clear apart from some high cloud in the north. Winds mainly moderate northeasterly

التغيرات المنتظرة في حالة الطقس خلال الـ ٢٤ ساعة القادمة

تزايد درجة الحرارة في الداخل مع استمرار الجو معتدلا قرب الساحل. السماء صحو ما عدا بعض السحب العالية في الشمال والرياح غالبا شمالية شرقية معتدلة.

Printed by the Survey of Egypt 1952 (52/384)

F.G.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 11 U.T. / Sunset 16 33 U.T.

All Times are Universal Times (U.T.)

At 1200 on Saturday 2nd

Area	Index	Station	Wind Direction	Wind Velocity (knots)	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure mb	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62306	SALLUM	360	9	35	03	2	7	Sc	15.4	22	13	57
Mediterranean	309	SIDI BARRANI	20	8	18	03	2	6	Ci	14.9	20	13	64
Mediterranean	300	MATRUH (A)	30	6	18	03	1	2	Ci	14.4	24	5	30
Mediterranean	306	[illegible]	40	4	35	01	1	2	Cu	14.9	22	9	44
Mediterranean		ALEXANDRIA											
Mediterranean	318	ALEXANDRIA (A)	320	4	18	02	1	3	Ci	15.2	23	12	50
Mediterranean	[illegible]	[illegible]											
Mediterranean	[illegible]	[illegible]	350	6	30	02	0	1	Ci	14.6	21	14	65
Mediterranean	[illegible]	[illegible]	360	4	30	01	1	1	Ci	13.2	22	12	53
Lower Egypt	[illegible]	[illegible]	310	9	15	02	1	1	Ci	15.5	27	13	42
Lower Egypt	[illegible]	[illegible]	360	5	35	00	1	0	—	13.9	27	11	37
Lower Egypt	[illegible]	[illegible]	00	0	35	01	1	2	Ci	15.0	26	10	37
Lower Egypt	[illegible]	[illegible]	140	9	35	01	1	2	Ci	14.3	26	10	37
Lower Egypt	[illegible]	[illegible]											
Lower Egypt	[illegible]	[illegible]											
Cairo Area	[illegible]	[illegible]	00	0	18	03	0	3	Ci	13.6	26	13	45
Cairo Area	372	CAIRO ALMAZA (A)	360	3	18	03	1	2	Ci	13.8	27	12	40
Cairo Area		[illegible]	320	2	18	01	1	1	Ci	13.6	26	11	40
Cairo Area		[illegible]	320	2	18	01	1	1	Ci	13.9	27	12	40
Cairo Area	[illegible]	[illegible]	320	4	15	01	0	0	—	13.8	27	6	27
Upper Egypt	[illegible]	[illegible]	20	4	35	02	0	0	—	13.8	27	9	33
Upper Egypt	[illegible]	[illegible]	340	6	10	01	1	0	—	12.7	30	6	22
Upper Egypt	[illegible]	[illegible]	330	5	30	02	0	0	—	11.9	32	5	18
Upper Egypt	[illegible]	[illegible]											
Upper Egypt	[illegible]	[illegible]	270	2	50	00	0	0	—	9.3	37	23?	45
Upper Egypt	[illegible]	[illegible]	290	5	30	02	0	0	—	9.5	36	2	12
Upper Egypt	[illegible]	[illegible]											
Oases	[illegible]	[illegible]	180	3	14	02	0	1	Ci	14.6	30		
Oases	[illegible]	[illegible]	360	2	35	02	0	0	—	13.9	30	5	21
Oases	[illegible]	[illegible]	360	4	35	00	0	0	—	13.9	32	6	20
Oases	[illegible]	[illegible]	50	9	50	00	0	0	—	11.9	34	3	14
Oases	435	[illegible]	360	2	15	00	0	0	—	11.1	34	12	27
Red Sea	[illegible]	[illegible]											
Red Sea	[illegible]	[illegible]	220	5	35	02	0	0	—	10.8	27	17	55
Red Sea	[illegible]	[illegible]	360	19	30	02	0	0	—	10.4	26	16	55
Red Sea	[illegible]	[illegible]	360	13	15	02	0	0	—	10.4	27	17	55
Red Sea	641	[illegible]	50	12	30	03	1	7	Cu,Ac	7.7	32	28	79
North Sudan	[illegible]	[illegible]	350	4	30	02	0	0	—	9.5	39	-3	7
North Sudan	640	[illegible]	20	2	30	02	0	1	Cu		42	0	7
North Sudan	680	[illegible]	20	9	30	02	0	0	—	4.0	42	-3	6
North Sudan	800	[illegible]											
North Sudan	721	[illegible]	50	5	30	02	0	1	Cu	2.2	41	6	12
North Sudan	750	[illegible]											
Central Sudan	761	WAD MEDANI											
Central Sudan	801	[illegible]											
Central Sudan	802	[illegible]											
Central Sudan	771	EL OBEID											
Central Sudan	700	EL FASHER											
Central Sudan	770	GENEINA											
S. Sudan	840	MALAKAL	200	4	30	02	1	5	Cu,Ac	4.0	36	17	33
S. Sudan	660	WAU											
S. Sudan	941	JUBA	50	5	50	15	2	6	Cb,Cs	4.0	35	19	39

At 1800 on Saturday 2nd

Station	Wind Direction	Wind Velocity (knots)	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure	Dry Bulb	Dew Point	Maximum Today	Diff. from normal	Relative Humidity %	Rain past 12 hrs. mm.
SALLUM	70	9	15	03	2	8	Cs	12.8	19	14	25	-1	73	0
SIDI BARRANI	80	7	14	02	2	4	Cs	12.9	18	14	21		78	0
MATRUH (A)	50	6	12	02	1	2	Cs	13.4	18	14	25		78	0
306 [illegible]	20	6	7	01	1	3	Cu	13.9	19	12	23		64	0
ALEXANDRIA	360	5	35	00	0	0	—	13.9	18	15	23	-2	83	0
ALEXANDRIA (A)	330	7	12	01	2	2	Ci	13.9	18	14	23	-2	78	0
Mediterranean [illegible]	340	5		02	1	2	Ac	14.3	20	15	23	-2	75	0
Mediterranean [illegible]	340	13	14	02	0	3	Ci	14.3	19	15	22	-2	78	0
Mediterranean [illegible]	00	0	14	01	0	0	—	13.7	18	13	24		73	0
Lower Egypt [illegible]	310	9	15	02	1	1	Cu	15.0	18	13	28	-1	72	0
Lower Egypt [illegible]	40	5		03	2	4	Cu	14.0	21	10	29	-1	50	0
Lower Egypt [illegible]	00	0	35	01	1	4	Cu,Ci	14.2	20	15	29	-2	73	0
Lower Egypt [illegible]	320	5	15	01	1	3	Ac	13.9	20	11	29		56	0
Lower Egypt [illegible]	240	1	35	02	0	0	—	13.9	21	12	30	-1	57	0
Lower Egypt [illegible]	20	5	35	01	0	0	—	13.6	21	10	29		50	0
Cairo Area [illegible]	40	14	12	01	2	0	—	13.3	23	16	28		65	0
CAIRO ALMAZA (A)	20	20	12	00	1	0	—	13.0	25	13	28	-4	47	0
Cairo Area [illegible]	50	3	10	00	0	0	—	13.1	25	12	29	-2	45	0
Cairo Area [illegible]	50	3	10	00	0	0	—	13.5	23	10	28	-3	44	0
Cairo Area [illegible]	340	4	15	03	1	4	Ci	13.0	24	6	28	-3	32	0
Upper Egypt [illegible]	360	4	35	03	1	1	Ci	13.1	23	8	30	-3	38	0
Upper Egypt [illegible]	360	4	8	02	0	0	—	11.7	20	9	31	-2	49	0
Upper Egypt [illegible]	20	3	12	02	0	0	—	11.4	26	5	32	-2	27	0
Upper Egypt [illegible]	00	0	7	00	0	0	—	10.8	26	12	35	0	42	0
Upper Egypt [illegible]	00	0	7	00	0	0	—	10.0	25	15	38	+1	54	0
Upper Egypt [illegible]	360	3	12	02	0	0	—	9.9	27	0	37		17	0
Upper Egypt [illegible]	00	0	50	00	0	0	—	9.1	33	8	37	-1	21	0
Oases [illegible]	110	3	8	02	0	1	Ci	13.0	25	-2	32	0	17	0
Oases [illegible]														
Oases [illegible]	90	4	35	00	0	0	—	12.3	26	0	33		18	0
Oases [illegible]	15	4	35	00	0	0	—	10.8	29	-1	35	-1	14	0
Oases 435 [illegible]	360	1	15	00	0	0	—	9.8	29	9	35	-1	29	0
Red Sea [illegible]	360	9	15	01	0	0	—	13.0	22	6?	28	-3	36	0
Red Sea [illegible]	310	13	15	02	0	0	—	10.8	24	19	30	0	74	0
Red Sea [illegible]	300	17	12	02	0	0	—	9.0	22	18	28	+1	78	0
Red Sea [illegible]	20	2	15	03	0	0	—	9.1	25	17	27?	-3	61	0
Red Sea 641 [illegible]											33			
North Sudan [illegible]											40			
North Sudan 640											43			
North Sudan 680											43			
North Sudan 800											43			
North Sudan 721											43			
North Sudan 750											42			
WAD MEDANI														
Central Sudan 801														
Central Sudan 802														
EL OBEID											40			
EL FASHER											39			
GENEINA											39			
MALAKAL														
WAU											37			
JUBA											36			

At 0600 on SUNDAY 3rd MAY 1953

Station	Wind Direction	Wind Velocity (knots)	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure mb	Diff. from normal	Dry Bulb	Dew Point	Minimum Today	Diff. from normal	Relative Humidity	Rain	Rainfall	Rainfall
SALLUM	110	13	15	03	2	8	As			18	13	16	+1	73	0	37	
SIDI BARRANI	100	7	14	02	2	8	As	12.4		18	14	15		78	0	109	
MATRUH (A)	100	4	14	02	2	7	Ac	12.9	-1.3	19	14	10		73	0	52	
306 [illegible]	90	1	15	02	1	4	Cu	12.8		20	15	13		73	0	95	
ALEXANDRIA	40	5	50	03	1	6	Sc,Ci	14.2	+0.1	21	14	17	0	65	0	125	184
ALEXANDRIA (A)	00	0	18	02	2	6	Ci	13.9	-0.6	20	15	16	+1	73	0	122	138
Mediterranean [illegible]	200	2	7	03	1	5	Ac	13.5	-0.3	21	16	15	-1	74	0	56	104
Mediterranean [illegible]	210	9	12	03	0	1	Sc,Ci	13.8	-0.2	21	16	18	0	74	0	61	
Mediterranean [illegible]	00	0	30	03	1	3	Ci	13.4	-0.3	21	12	13		57	0	46	
Lower Egypt [illegible]	40	5	15	02	1	1	Ci	14.4	+0.5	17	11	15	+1	68	0	43	99
Lower Egypt [illegible]	220	3	15	03	2	5	Ac	13.6	-0.4	20	15	13	-1	73	0	48	53
Lower Egypt [illegible]	00	0	35	01	1	3	Ci	13.8	-0.3	20	15	11	-2	73	0	18	41
Lower Egypt [illegible]	110	2	15	01	1	2	Ci	14.4	+0.2	18	15	13		83	0		
Lower Egypt [illegible]	00	0	35	02	0	0	—	13.4	-0.8	20	15	12	-1	73	0	29	26
Lower Egypt [illegible]	160	2	35	01	0	0	—	14.3		20	15	14		73	0	32	
Cairo Area [illegible]	70	12	18	01	1	1	Ac	13.6		20	14	15		69	0	7	
CAIRO ALMAZA (A)	40	11	18	03	0	1	Ci	13.7	-0.6	19	14	15	-2	73	0	8	
Cairo Area [illegible]			10	00	0	0	—	13.8	+0.1	22	13	16	0	57	0	15	25
Cairo Area [illegible]			10	00	0	0	—	13.8	+0.1	22	13	14	+1	57	0	43	25
Cairo Area [illegible]	40	13	15	02	0	0	—	13.6	+0.2	21	7	15	-1	41	0	3	28
Upper Egypt [illegible]	360	6	35	02	0	0	—	13.4	+0.1	22	9	15	0	44	0	14	8
Upper Egypt [illegible]	350	5	10	02	0	0	—	12.6	-0.7	21	13	13	-2	61	0	1	
Upper Egypt [illegible]	280	4	12	02	0	0	—	12.6	0.0	20	9	15	-3	49	0	2	
Upper Egypt [illegible]	00	0	15	00	0	0	—	12.5	+0.7	25	8	15	-2	34	0	0.3	
Upper Egypt [illegible]	270	1	35	00	0	0	—	11.8	+0.5	27	16	16	-3	52	0	2	
Upper Egypt [illegible]	360	1	30	02	0	0	—	11.8	+0.3	27	-4	15		13	0	1	
Upper Egypt [illegible]	340	3	50	00	0	0	—	10.4	-0.9	27	6	20	-2	27	0	2	
Oases [illegible]	90	8	14	01	1	3	As,Ci	13.2	-1.5	20	6	17	+3	41	0	2	8
Oases [illegible]																	
Oases [illegible]	90	2	35	00	0	0	—	12.6		22	6	14		36	0	1	
Oases [illegible]	180	9	50	00	0	0	—	12.0	-0.7	23	1	16	-1	24	0	0	
Oases 435 [illegible]	00	0	35	00	0	0	—	11.2	-0.7	24	9	15	-4	38	0	dr.	
Red Sea [illegible]	360	5	35	00	0	2	Cu	12.2	-1.0	21	10			50	0	45	17
Red Sea [illegible]	310	9	35	02	0	0	—	11.2	-0.1	23	13	17	-2	50	0	Rain	13
Red Sea [illegible]	330	19	18	02	0	0	—	11.2	-0.4	24	12	17	-1	47	0	7	
Red Sea [illegible]	360	13	15	02	0	0	—	11.0	-0.2	26	12	21	-1	42	0	12	4
Red Sea 641 [illegible]	360	6	30	01	1	4	Sc	9.3		29	25	25		79	0		
North Sudan [illegible]	00	0	30	02	0	0	—	9.5		26	-2	19		16	0		
North Sudan 640	20	1	30	02	0	0	—			31	-4	24		10	0		
North Sudan 680	40	11	30	02	0	0	—	7.6		30	-4	25		11	0		
North Sudan 800	40	8	30	02	0	0	—	6.0		34	11	26		25	0		
North Sudan 721	20	17	30	02	0	1	Ci	5.5		35	-8	26		6	0		
North Sudan 750	200	1	30	02	0	1	Ac	4.5		33	17	24		38	0		
WAD MEDANI																	
Central Sudan 801																	
Central Sudan 802																	
EL OBEID	00	0	30	02	2	7	Ac			29	15	24		43	0		
EL FASHER	330	1	30	03	2	7	Cs			24	1	20		22	0		
GENEINA	00	0	30	01	2	5	Cs			22	-1	18		21	0		
MALAKAL	350	4	30	17	6	8	Sc,Cu	10.0		25		25			6		
WAU	260	3	30	02	2	6	Ac,Ci	8.8		26	21	24		74	0.6		
JUBA	1	4	30	02	2	7	Ac,Ci	8.7		27	23	23		79	0		

REMARKS

D = Sky obscured by fog etc.

(A) AERODROME

F.G.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla	
DATE	2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5		2-5	
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.	100	18	20	6	330	10	350	9	330	14	340	10	350	20	310	5	360	4	70	9	330	6
600 m.	140	8	120	6	340	6	330	9	320	12	360	12	340	26	330	8	360	4	80	6	350	4
1000 m.	200	9	200	5	350	4	320	10	260	11	350	9	350	25	330	8	330	8	110	5	360	5
1500 m.	30	4	360	5	320	8	310	13	270	10	320	17	340	21	310	9	320	9	90	3	40	7
2100 m.	40	19	360	15	300	10	300	13			340	16	300	3	270	5			10	3		
2400 m.	40	10	360	19	310	16					350	6	300	4	260	9			10	6		
3000 m.	320	17	330	21	310	13							290	7	270	13			40	11		
4000 m.																			360	9		
5000 m.																			280	24		
6000 m.																			260	33		

STATION	Matruh		Alex. A.P.		P. Said		Minya		Asyut		Juba		Kareima		Atbara		Khartum		El Obied		El Fasher	
DATE	3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5	
TIME	04		02		02		02		02		05		04		04		05		04		04	
ALTITUDE	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	14	10	12	340	5	10	23	340	11												
600 m.	80	13	350	12	10	16	10	33	20	14	190	13	50	29	30	20	40	36				
1000 m.	50	17	350	10	10	12	360	16	360	13	180	14	30	24	30	16	40	34	40	29	20	9
1500 m.	40	12			330	16	360	19	350	18	150	7	360	22	60	12	50	27	50	38	50	28
2100 m.	300	17			290	12									50	10						
2400 m.	260	10									120	18	340	13	50	9	50	18	80	11	80	9
3000 m.	270	25									100	11	240	8	70	10	40	15	70	11	50	7
4000 m.																					140	10
5000 m.															270	9			40	8		
6000 m.															290	9	270	8	40	4		

STATION	Gemeina		Malakal		S. Barani		Matruh		Helwan		Minya		Asyut		Siwa		Baharia		Dakhla		Hurghada	
DATE	3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5		3-5	
TIME	05		04		08		08		07		08		08		07		08		08		08	
ALTITUDE	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	18	110	10	50	24	40	3	280	8			100	8	50	6	330	17
600 m.			230	4	100	23	120	10	50	5	40	13	30	8			110	8	40	5	290	14
1000 m.	190	5	300	8	100	16	80	8	20	6	30	11	40	12			110	9	40	6	300	10
1500 m.	190	6	270	15	140	11	220	2	10	27	340	5	40	7			20	4	60	8	320	3
2100 m.					260	11	280	12	330	16	340	11	320	9			50	5			290	9
2400 m.	100	20	230	17	290	19	280	17	330	18	350	14	320	10	160	12					300	10
3000 m.	90	16	180	16	290	25	290	8	330	19	340	13	340	17	240	5						
4000 m.					280	23	290	20							260	19						
5000 m.	10	9			260	4	290	12							280	17						
6000 m.															300	13						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.					Khartum														
DATE	2-5-53					3-5-53														
TIME	1500					0500														
	ALT. m.	TEMP. °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.	114	28		360	9															
950 mb.							32		40	36										
900 mb.						990	32			34										
850 mb.	1520	17		330	9															
800 mb.							23		60	20										
700 mb.	3147	7		280	17	3152	14		40	9										
600 mb.						4453	4		210	14										
500 mb.	5828	-10		270	32	5910	-3		260	6										
400 mb.	7508	-23		280	43	7620	-14		300	15										
300 mb.	9538	-42		280	48	9778	-27		300	33										
200 mb.	12150	-63				12253	-50		290	38										

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

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE MONDAY 4th MAY 195 3

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: for the next 24 hours from noon today. التغيرات المنتظرة فى حالة الطقس من ظهر اليوم لأخر

The prevailing heat wave continues except near the جو حار يرجح عما تربة بسواحل البحر المتوسط

coast. Winds mainly moderate easterly, fresh at times by أتجاه شرقية متوسطة أحيانا قوية أحيانا

day. The heat wave will moderate tomorrow in Lower Egypt. بعض الشئ غدا فى قطاع الوجه البحرى

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 10 U.T. — Sunset 16 34 U.T.

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

At 1200 on SUNDAY 3rd

Area	Index No.	Station	Wind Direction Deg	Wind Velocity in knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOUM	40	13	35	03	2	8	As	13.8	19	16	83
Mediterranean	309	SIDI BARRANI	40	6	15	02	2	8	Sc,As	13.8	19	16	83
Mediterranean	306	MATRUH (A)	20	9	14	03	2	8	Ns,As	13.9	21	15	69
Mediterranean	309	EL DABA'A											
Mediterranean		ALEXANDRIA	40	15	50	02	2	8	As	13.4	21	15	69
Mediterranean	318	ALEXANDRIA (A)	330	9	18	02	2	6	Ci	13.1	23	13	53
Mediterranean	330	DAMIETTA	340	5	35	02	1	5	Ac	12.8	23	12	50
Mediterranean	333	PORT SAID (A)	10	9	30	02	1	6	Ci	12.7	23	16	65
Mediterranean	336	EL ARISH	340	8	30	03	1	5	Ci	11.7	23	12	50
Lower Egypt	338	DAMANHUR	40	5	15	02	1	3	Ci	13.1	28	7	27
Lower Egypt	342	MANSURA	40	3	35	03	2	6	Ac	12.2	29	9	29
Lower Egypt	348	TANTA	360	5	35	03	2	6	Cs	12.4	30	11	31
Lower Egypt	360	SHEBIN EL KOM	20	5	35	01	1	2	Ci	11.9	28	10	33
Lower Egypt	354	ZAGAZIG	00	0	50	02	0	0	—	12.0	30	13	35
Lower Egypt	441	ISMAILIA	20	2	35	03	1	6	Ci	11.9	29	6	23
Cairo Area	366	CAIRO (A)	40	10	18	02	1	5	Cs	12.0?	30	1	16
Cairo Area	372	CAIRO ALMAZA (A)	80	9	30	02	1	5	Cs	11.3	30	-1	13
Cairo Area		CAIRO EZBEKIYA			18	03	0	3	Cs	11.0	30	6	22
Cairo Area		GIZA			18	03	0	3	Cs	10.6	31	5	19
Cairo Area	378	HELWAN	360	8	35	01	1	3	Ci	11.0	31	-1	12
Upper Egypt	381	FAYOUM	360	6	35	02	0	1	Ci	11.2	32	2	15
Upper Egypt	387	MINYA (A)	00	0	10	02	0	0	—	9.8	34	7	19
Upper Egypt	393	ASSIUT (A)	360	7	30	02	0	0	—	8.9	36	5	14
Upper Egypt	399	NAG HAMMADI	00	0	35	00	0	0	—	8.4	35	14	29
Upper Egypt	402	QENA	270	1	50	00	0	0	—	8.2	37	23	45
Upper Egypt	405	LUXOR (A)	280	4	30	02	0	0	—	7.6	37	-7	6
Upper Egypt	414	ASWAN	340	5	50	00	0	0	—	5.9	38	8	16
Oases	417	SIWA	120	10	14	02	2	7	Sc,Cs	11.6	31	3	17
Oases	420	BAHARIYA	90	3	35	02	0	0	—	12.1	32	2	15
Oases	423	FARAFRA	140	7	35	00	0	0	—	10.7	34	3	14
Oases	432	DAKHLA	340	15	50	00	0	0	—	9.4	36	-7	6
Oases	435	KHARGA	360	1	35	00	0	0	—	9.0	37	12	22
Red Sea	450	SUEZ	360	5	50	03	0	4	Cu	10.8	29	-1	14
Red Sea	459	TOR											
Red Sea	462	HURGHADA	10	10	30	02	0	0	—	9.2	26	15	51
Red Sea	465	QUSEIR	20	13	15	02	0	0	—	9.4	26	16	55
Red Sea	641	PORT SUDAN	50	10	30		1	1	Ac	7.3	31	26	74
North Sudan	600	WADI HALFA	340	9	30	02	0	0	—	5.9	38	-5	6
North Sudan	640	ABU HAMED	360	1	30	03	0	1	Cu		41	2	9
North Sudan	680	KARIMA	340	7	30	02	0	0	—	2.9	42	-7	4
North Sudan	690	ATBARA	350	2	30	03	0	3	Cu,Ac	1.3	42	5	11
North Sudan	721	KHARTOUM	90	9	30	03	0	1	Cu	1.1	41	6	12
North Sudan	730	KASSALA	10	3	30	03	1	5	Cu	0.4	41	16	23
Central Sudan	751	WAD MEDANI	50	9	35	02	8	8	Cu	999.2	42	12	17
Central Sudan	801	RENK											
Central Sudan	802	ROSEIRES	230	2	35	01	9	5	Cu	3.7	34?	19	41
Central Sudan	771	EL OBEID	60	11	30	02	2	8	Cu,Ac	2.8	39	-2	8
Central Sudan	760	EL FASHER	40	4	30	02	2	7	Cs		39	4	12
Central Sudan	770	GENEINA	90	11	30	02	2	4	Cs		39	2	10
S. Sudan	840	MALAKAL	160	9	30	02	9	8	As,Cs	5.8	23	19	78
S. Sudan	880	WAU	270	3	30	02	2	4	Cb,Ci	4.5	37	19	35
S. Sudan	941	JUBA	130	4	50	15	2	7	Cb,Ac	2.6	36	20	40

At 1800 on SUNDAY 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	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	90	13	15	03	2	8	As	10.3	19	16	22	-4	83	0
SIDI BARRANI	60	13	13	02	2	7	Ac	11.7	18	15	19		83	0
MATRUH (A)	50	10		03	2	8	Sc,As	11.8	18	15	23		83	0
EL DABA'A	40	3	7	02	1	4	Cu	12.9	19	16	24		83	0
ALEXANDRIA	40	11	35	03	2	7	Ac	13.6	19	16	23	-2	83	0
ALEXANDRIA (A)	40	12	14	02	2	8	Ac,Cs	13.4	19	15	24	-1	78	0
DAMIETTA	340	5		03	1	7	Ac	13.6	19	15	25	0	78	0
PORT SAID (A)	20	11	14	01	2	6	Ci	13.4	20	17	25	+1	83	0
EL ARISH	60	4	14	01	2	0	—	—	19	16	25		83	0
DAMANHUR	40	9	15	02	0	0	—	13.3	20	15	29	0	73	0
MANSURA	20	5		03	2	6	Ac	13.5	20	15	30	0	73	0
TANTA	90	5	35	03	2	6	Cu	12.8	21	16	31	0	74	0
SHEBIN EL KOM	20	9	15	01	1	2	As	13.1	22	11	30		50	0
ZAGAZIG	00	0	35	02	0	0	—	12.6	22	13	32	+1	57	0
ISMAILIA	20	5	35	01	0	0	—	12.3	21	14	30		65	0
CAIRO (A)	70	14	12	01	2	7	Ci	12.3	24	16	31		61	0
CAIRO ALMAZA (A)	30	13	12	03	2	7	As	11.9	24	13	31	-1	50	0
CAIRO EZBEKIYA			10	03	1	6	Cs	11.6	24	13	32	+1	50	0
GIZA			10	03	1	6	Cs	12.2	25	13	32	+1	47	0
HELWAN	20	19	15	02	2	8	Cc	11.2	26	10	32	+1	37	0
FAYOUM	360	4	35	03	1	4	Ci	9.9	26	10	34	+1	37	0
MINYA (A)	360	4	8	02	0	0	—	8.6	23	10	35	+2	44	0
ASSIUT (A)	40	2	7	00	0	0	—	8.8	27	9	37	+2	33	0
NAG HAMMADI	00	0	7	00	0	0	—	8.4	25	8	38	+3	34	0
QENA	270	1	7	00	0	0	—	7.4	26	16	38	+1	55	0
LUXOR (A)	00	0	12	02	0	0	—	7.5	29	-2	39		13	0
ASWAN	360	6	50	00	0	0	—	6.4	34	6	39	+1	18	0
SIWA	110	20	5	07	2	8	Ns,As	5.9	31		33	+1		0
BAHARIYA	00	0	15	02	1	2	Ac	8.7	28	4	34	+1	22	0
FARAFRA	90	3	15	01	0	1		8.7	28	0	36		16	0
DAKHLA	90	9	35	00	0	0	—	8.0	31	-6	37	+1	9	0
KHARGA	00	0	15	00	0	0	—	8.3	28	-4	38	+2	12	0
SUEZ	360	6	15	01	0	0	—	12.3	25	5	31	0	28	0
TOR														
HURGHADA														
QUSEIR	360	2	15	02	0	0	—	11.1	26	4	27	-3	25	0
PORT SUDAN											32			
WADI HALFA											40			
ABU HAMED											43			
KARIMA											43			
ATBARA											44			
KHARTOUM											43			
KASSALA											44			
WAD MEDANI											43			
RENK														
ROSEIRES														
EL OBEID											41			
EL FASHER											41			
GENEINA											39			
MALAKAL											27			
WAU														
JUBA											37			

At 0600 on MONDAY 4th MAY 1953

Station	Wind Direction Deg	Wind Velocity in knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
SALLOUM	40	13	15	00	0	0	—	8.4	-4.8	19	16	17	+2	83	0	37	
SIDI BARRANI	80	16	14	02	0	1	Cc	8.9		20	14	15		69	0	109	
MATRUH (A)	70	13	18	01	1	2	Cu	9.3	-4.9	20	15	16		73	0	52	
EL DABA'A	110	13	15	02	1	4	Cb	10.8		21	14	17		65	0	95	
ALEXANDRIA	90	11	50	02	5	5	Sc	11.9	-2.2	21	12	18	+1	57	dw.	125	184
ALEXANDRIA (A)	80	10	18	01	6	5	Ac	11.6	-2.9	21	15	17	+2	69	dw.	122	138
DAMIETTA	160	5	7	01	1	6	Cu,Ac	12.3	-1.5	21	16	18	+2	74	0	56	104
PORT SAID (A)	80	11	14	01	2	6	Ac,Ci	12.8	-1.1	22	17	19	+1	74	0	61	
EL ARISH	80	4	30	01	2	6	Ac	11.7	-2.0	20	14	14		69	0	46	
DAMANHUR	180	19	15	02	1	2	Ci	11.9	-2.0	21	14	17	+3	65	0	43	99
MANSURA	90	3	15	03	2	5	Cu	12.6	-1.3	21	16	16	+2	74	0	48	53
TANTA	90	8	35	03	2	6	Cu,Ac	11.2	-2.9	21	16	15	+1	74	0	18	41
SHEBIN EL KOM	20	9	15	03	2	4	Cu	12.2	-2.0	19	16	15		83	0		
ZAGAZIG	40	1	35	02	1	5	Cu	12.3	-1.9	21	16	16	+2	74	0	29	26
ISMAILIA	70	9	35	01	1	6	Ac	12.7		22	9	15		44	0	32	
CAIRO (A)	70	13	15	01	2	3	Ac,Ci	12.5		21	12	15		57	0	7	
CAIRO ALMAZA (A)	80	16	14	01	2	3	Ac,Ci	11.7	-2.5	21	9	17	0	47	0	8	
CAIRO EZBEKIYA			10	02	2	6	Ac	11.4	-2.2	22	12	17	+1	53	0	15	25
GIZA			10	02	2	6	Ac	11.5	-2.2	24	12	16	+3	47	0	43	25
HELWAN	40	8	15	01	1	3	Ac,Cc	11.1	-2.3	24	0?	19	+3	21?	0	3	28
FAYOUM	20	6	35	02	1	3	Ci	10.8	-2.4	23	8	16	+1	38	0	14	8
MINYA (A)	00	0	8	03	2	5	As,Ci	8.5	-5.7	26	8	15	0	32	0	1	
ASSIUT (A)	220	8	14	03	1	3	Ci	7.9	-4.6	23	1	18	0	24	0	2	
NAG HAMMADI	00	0	7	00	0	0	—	9.5	-2.3	26	10	16	-1	37	0	0.3	
QENA	00	0	35	00	0	0	—	8.6	-2.6	31	17	17	-2	43	0	2	
LUXOR (A)	70	3	30	02	0	0	—	9.3	-2.1	29	-2	17		13	0	1	
ASWAN			50	00	0	0	—	8.2	-3.0	27	16	21	-1	52	0	2	
SIWA	90	24	5	07	0	0	—	8.0	-6.7	24	7	20	+5	34	dw.	2	8
BAHARIYA	40	2	15	02	0	0	—	9.5	-4.3	24	6	19	+4	32	0	dw.	7
FARAFRA		10	7	03	1	7	Cs	7.8		22	6	18		36	0	1	
DAKHLA	160	11	35	00	0	0	—	9.0	-3.7	27	-8	17	-1	9	0	0	
KHARGA	00	0	35	00	0	0	—	9.0	-2.9	25	11	17	-2	42	0	dw.	
SUEZ	310	5	35	00	0	3	Cu	10.8	-2.4	23	5			32	0	45	16
TOR																	
HURGHADA	320	10	18	02	0	0	—	9.3	-2.2	24	11	19	0	44	0	7	
QUSEIR	360	2	15	02	0	0	—	9.4	-1.7	27	16?	21	-1	52	0	12	4
PORT SUDAN	340	3	30	02	0	0	—	8.8		31	16	25		41	0		
WADI HALFA	00	0	30	02	0	0	—	7.3		27	-4	21		13	0		
ABU HAMED	00	0	30	02	0	0	—			32	0	25		13	0		
KARIMA	90	3	30	02	0	0	—	6.6		30	1	24		16	0		
ATBARA	350	1	30	02	0	0	—	5.6		31	2	26		16	0		
KHARTOUM	40	3	30	01	2	1	Cs	6.3		32	-3	26		10	0		
KASSALA	180	3	30	02	0	1	Ci	6.7		31	18	27		46	0		
WAD MEDANI	230	9	35	02	0	3	Ci	6.0		31	15	27		38	dw.		
RENK																	
ROSEIRES	130	10															
EL OBEID	130	10	30	02	2	7	Cs	7.2		28	13	25		40	0		
EL FASHER	00	0	30	02	0	2	Ci			25	1	19		21	0		
GENEINA	40	5	30	03	0	2	Ci			24	-7	18		13	0		
MALAKAL	110	1	30	03	2	8	Ac	10.9		23	22	21		94	25		
WAU	180	3	30	02	2	7	Ac,Ci	8.3		25	21	23		79	dw.		
JUBA	180	7	30	01	2	7	Sc,Ac	10.9		24	23	21		94	38		

REMARKS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh	Alex. A.P.	P. Said	El Arish	Almaza	Minya	Asyut	Luxor	Sinai	Dakhla	Hurghada
DATE	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5	3-5
TIME	14	14	14	14	14	14	14	14 30	14	14	14

ALTITUDE	Matruh DIR	Matruh SPEED	Alex. A.P. DIR	Alex. A.P. SPEED	P. Said DIR	P. Said SPEED	El Arish DIR	El Arish SPEED	Almaza DIR	Almaza SPEED	Minya DIR	Minya SPEED	Asyut DIR	Asyut SPEED	Luxor DIR	Luxor SPEED	Sinai DIR	Sinai SPEED	Dakhla DIR	Dakhla SPEED	Hurghada DIR	Hurghada SPEED
300 m.	00	12	360	12	350	12	340	13	30	13	330	9	360	3	40	2	100	31	190	2	350	12
600 m.	100	0	40	1	350	10	330	14	50	10	350	7	330	3	320	2	100	34	00	0	320	16
1000 m.	100	0	320	6	310	9	470	8	50	14	20	6	340	8			100	35	30	2	310	19
1500 m.	150	7	340	11	290	15	310	9	320	15	70	6	60	3	340	6	170	21	300	9	320	14
2100 m.	230	15			200	17	280	17	340	15	30	3	50	10	10	12	200	15	350	3	330	16
2400 m.	260	15			280	18	300	21	330	20	30	3	10	4	340	10	220	14				
3000 m.	290	6					310	25			320	6	290	10	280	6	240	12				
4000 m.	230	17											300	18			230	16				
5000 m.	230	37											300	24			240	27				
6000 m.													270	21			230	35				

STATION	S. Barani	Matruh	Alex. A.P.	P. Said	El Arish	Minya	Asyut
DATE	3-5	4-5	4-5	4-5	4-5	4-5	4-5
TIME	14	4	2	2	4	2	2

ALTITUDE	S. Barani DIR	S. Barani SPEED	Matruh DIR	Matruh SPEED	Alex. A.P. DIR	Alex. A.P. SPEED	P. Said DIR	P. Said SPEED	El Arish DIR	El Arish SPEED	Minya DIR	Minya SPEED	Asyut DIR	Asyut SPEED
300 m	90	12	160	22	80	14	40	16	80	5	350	9	330	11
600 m	120	9	80	9	50	6	60	16	10	9	340	8	350	9
1000 m	130	9	30	7	10	10	60	15	360	11	360	5	70	10
1500 m	160	7	70	3	310	14	360	21	320	9	340	8	40	7
2100 m	220	12			320	14	310	9	310	18	340	9		
2400 m	310	8			320	14	230	9			350	6		
3000 m	260	5			290	14	240	19						
4000 m							240	42						
5000 m														
6000 m														

STATION	S. Barani	Alex. A.P.	P. Said	Almaza	Helwan	Minya	Luxor	Baharia	Farafra	Hurghada
DATE	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
TIME	8	8	8	9	7 15	8	8 30	8	8	8

ALTITUDE	S. Barani DIR	S. Barani SPEED	Alex. A.P. DIR	Alex. A.P. SPEED	P. Said DIR	P. Said SPEED	Almaza DIR	Almaza SPEED	Helwan DIR	Helwan SPEED	Minya DIR	Minya SPEED	Luxor DIR	Luxor SPEED	Baharia DIR	Baharia SPEED	Farafra DIR	Farafra SPEED	Hurghada DIR	Hurghada SPEED
300 m	110	24	90	12	100	16	60	22	60	19	10	6	180	1	120	18	120	7	320	9
600 m	120	17	90	17	90	15	70	19	50	30	110	10	140	2	120	14	120	12	210	3
1000 m	100	14	90	7	60	10	70	7	50	31	140	15	190	3	120	12	110	17	170	4
1500 m	110	9	250	6	350	14	350	9	20	14	190	10	150	9	120	13	120	13		
2100 m	100	7			310	25	320	7	190	9	260	20			130	14				
2400 m									270	17	260	21			180	8				
3000 m							240	6	250	31	270	22								
4000 m																				
5000 m																				
6000 m																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.
DATE	3-5-53
TIME	1500

	ALT m.	TEMP °C.	HUM %	WIND DIR	WIND SPEED
Surface					
1000 mb	106	30		30	12
950 mb					
900 mb					
850 mb.	1524	20		320	11
800 mb					
700 mb.	3164	8		320	23
600 mb.					
500 mb	5859	-10		270	42
400 mb	7552	-20		270	35
300 mb.	9322	-36		270	42
200 mb.	12310	-58			

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE ... TUESDAY ... 5th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or Duststorm
4	Fog or heavy dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

CLOUD FORM

Ci	Cirrus
Cc	Cirrocumulus
Cs	Cirrostratus
Ac	Altocumulus
As	Altostratus
Sc	Stratocumulus
Ns	Nimbostratus
Cb	Cumulonimbus
Fc	Fractocumulus
Fs	Fractostratus
Cu	Cumulus
St	Stratus

GENERAL FORECAST: *For the next 24 hours from noon today* ... التوقعات العامة في حالة الطقس عن الفترة ليوم ٢٤ ظهر غد

Weather continues to be hot, especially in Upper Egypt with some cloud يستمر الجو حارا خاصة في الصعيد مع ظهور بعض السحب والرياح *and fresh southerly winds, raising dust at times. Temperature is* جنوبية نشطة أثناء الوقت تثير الغبار بالجو درجة الحرارة *expected to drop tonight near coast and the cooling will extend to* ضئيلا ويتوقع أن يسود الجو الليلة على الساحل وتمتد الرياح الباردة وتتوغل *Lower Egypt tomorrow.* الوجه البحري غدا

Printed by the Survey of Egypt 1952 (32/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Helio.) Sunrise 03 09 U.T.
Sunset 16 35 U.T.

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

At 1200 on MONDAY 4th — At 1800 on MONDAY 4th — At 0600 on TUESDAY 5th MAY 1953

1200 CLOUD AMOUNT 0-8	1200 CLOUD FORMS	1200 WIND DIRECTION	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 BAR PRESSURE Diff. from normal mb	1200 TEMPERATURES °C Dry Bulb	1200 TEMPERATURES °C Max. Today	1200 TEMPERATURES °C Max. Diff. from normal	1200 RELATIVE HUMIDITY %	1200 RAIN PAST 12 hrs. mms.	AREA	INDEX NUMBER	STATION	0600 WIND DIRECTION	0600 WIND VELOCITY IN KNOTS	0600 VISIBILITY IN Km (or m)	0600 PRESENT WEATHER	0600 PAST WEATHER	0600 CLOUD AMOUNT 0-8	0600 CLOUD FORMS	0600 BAR PRESSURE M.S.L. mb	0600 BAR PRESSURE Diff. from normal mb	0600 TEMPERATURES °C Dry Bulb	0600 TEMPERATURES °C Dew Point	0600 TEMPERATURES °C Min. Today	0600 TEMPERATURES °C Min. Diff. from normal	0600 RELATIVE HUMIDITY %	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st	RAINFALL mms. Normal From Oct. 1st
4	0	130	5	15	00	0	0	—	4.3	-8.8	20	15	17	+2	73	0	37																
8	0	130	13	14	02	0	3	Cs	4.1		20	15	16		73	0	109																
8	0	100	8	14	02	2	6	Cs	4.0	-10.1	20	15	16		73	0	52																
7	0	110	7	15	01	1	2	Cu	4.2		23	15	18		61	0	95																
9	0	90	17	50	01	1	2	Ci	5.1	-9.0	22	11	18	+1	50	0	125	184															
7	0	100	17	18	03	1	6	Cs	4.5	-9.9	23	13	18	+3	53	0	122	138															
0	0	70	9	7	00	0	0	—	5.5	-8.2	23	15	19	+3	61	0	56	104															
0	0	90	23	12	02	0	1	Ci	6.5	-7.4	22	16	20	+1	69	0	61																
0	0	40	4	30	01	1	3	Ac	7.0	-6.7	22	10	14		47	0	46																
0	0	90	19	7	02	0	0	—	6.6	-8.8	23	12	17	+3	50	0	43	99															
0	0	90	12	15	00	0	0	—	5.5	-8.4	24	14	17	+2	54	0	48	53															
4	0	90	13	35	02	0	0	—	4.7	-9.4	23	12	16	+2	50	0	18	41															
0	0	40	13	15	00	0	0	—	5.2	-8.9	22	9	17		44	0																	
0	0	40	2	35	02	0	0	—	5.4	-8.7	24	12	18	+4	47	0	29	26															
0	0	70	5	35	01	1	7	Cs	6.9		25	5	18		28	0	32																
0	0	120	22	12	02	2	6	Cs	4.1		26	7	20		30	0	7																
0	0	160	17	12	02	2	8	Cs	3.7	-10.4	28	2	20	+3	19	0	8																
0	0	30	1	10	02	2	6	Ac	3.9	-9.7	28	8	22	+6	29	0	15	25															
0	0	30	1	10	02	2	6	Ac	3.6	-10.0	27	7	18	+5	28	0	43	25															
0	0	00	0	7	02	2	8	Ac, Cc	3.9	-9.4	24	6	21	+5	32	dr.	3	28															
0	0	00	0	35	02	2	7	Ci	4.0	-9.2	26	10	19	+3	37	0	14	8															
0	0	160	5	8	02	1	2	Ac, Ci	4.5	-9.6	29	6	19	+4	23	0	1																
3	0	140	3	12	01	1	2	Ac	5.0	-7.5	32	-7	22	+4	8	0	2																
0	0	00	0	7	01	0	3	Ac	5.8	-6.9	26	16	18	+1	55	0	0.3																
0	0	270	1	35	03	1	2	Ci	5.5	-5.6	33	21	21	+2	50	0	2																
0	0	280	1	30	02	0	0	—	6.4	-5.0	31	12	20		31	0	1																
0	0	00	0	50	00	0	0	—	6.8	-4.3	31	12	24	+2	31	0	2																
4	0	270	6	14	03	1	4	Ac, Cs	6.3	-8.4	25	7	19	+4	32	0	2	8															
0	0	220	2	15	02	2	6	Ac	5.8	-7.9	28	0	22	+7	16	0	dr.	7															
0	0	320	5	35	03	1	5	Cs	6.6		30	1	25		15	0	1																
0	0	340	2	35	00	0	1	Ci	6.6	-6.1	28					0	0																
0	0	00	0	15	00	0	0	—	5.1	-6.7	29	12	18	-1	35	0	dr.																
0	0	00	0	35	00	0	4	Cs	5.5	-7.6	31	3			17	0	45	16															
0	0			35	01	2		Ac	5.6	-5.6	28		20	+1		0	Rain	13																
0	0	130	6	18	02	1	4	Cu, Ci	5.8	-5.6	29	13?	19	0	37	0	7																
0	0	20	2	15	02	0	0	—	6.3	-4.8	26	14	21	-1	48	0	12																
0	0	00	0	9	04	0	4	Ac, Ci	5.6		33	3	24		15	0																	
0	0	230	9	35	02	0	0	—	6.7		35	17	26		35	0																	
0	0	130	2	35	02	1	5	As	7.9		31	21	26		55	0																	
0	0	240	8	30	01	2	6	Ac	5.3		31	17	25		43	0																	
0	0	00	0	30	03	1	7				27	13			42	0																	
0	0	100	6	30	01	2	4	Ac, Cs			29	12	21		35	0																	
0	0	220	8	30	03	2	7	Ac	9.1		25	22	25		84	dr.																	
0	0	180	5	30	02	0	0	—	8.2		27	21	24		70	0																	
0	0	180	5	50	03	0	7	Cu, Cs	9.4		26	22	22		79	0																	

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOUM
	308	SIDI BARRANI
	306	MATRÛH (A)
	309	EL DABAA
		ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAÏD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHUR
	342	MANSÛRA
	348	TANTA
	360	SHEBÎN EL KÔM
	364	ZAGAZIG
	441	ISMAÏLIA
CAIRO AREA	368	CAIRO (A)
	372	CAIRO ALMAZA (A)
		CAIRO, EZBEKÎYA
		GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG' HAMÂDI
	402	QENA
	406	LUXOR (A)
	414	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	429	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÂDA
	465	QUSEIR
	841	PORT SUDAN
NORTH SUDAN	609	WADI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WAU
	941	JUBA

	45																																
	43																																
	42																																
	43																																
	41																																
	39																																
	39																																
	40																																
	34																																
	33																																
	32																																

REMARKS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

F.G.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Kharga	
DATE	4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5		4-5	
TIME	14		14		14		14		14		14 30		14		14 30		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	90	24	90	17	80	17	60	23	40	13	30	3	220	9	210	8	320	10	180	12	170	10
600 m.	90	17	110	16	100	17	50	21	70	9	30	3	220	8	200	7	320	10	190	17	180	12
1000 m.	80	16	90	14	100	12	20	7	110	4	240	3	220	3	200	7	330	13	190	19	180	13
1500 m.	130	14	140	12			100	12	280	5	270	16	250	5	260	6			200	9		
2100 m.			110	13			120	12					260	13	270	6			210	16		
2400 m.			170	16											280	10			220	17		
3000 m.															290	20			230	20		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Hurghada				Matruh		Alex. A.P.		P. Said		El Arish		Asyut								S. Barani	
DATE	4-5				5-5		5-5		5-5		5-5		5-5								5-5	
TIME	14				4		2		3		3		2								8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	180				100	22	90	14	70	12	60	19	210	15							170	61
600 m.	170	21			110	30	70	11	70	9	60	18	250	10							230	19
1000 m.	180	36			120	28			80	17	80	15	240	19							230	17
1500 m.	90	28			160	16			100	19	120	5	240	17							200	9
2100 m.					130	12			100	21	170	9	240	17							220	9
2400 m.					190	10			100	18											220	10
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Alex. A.P.		El Arish		Almaza		Helwan		Asyut		Siwa		Baharia		Kharga		Dakhla		Hurghada	
DATE	5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5	
TIME	8		8		8		8		6 45		8		7		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	15	80	23	80	14	200	15	150	8	290	11	290	16	280	28	180	6	330	12	130	18
600 m.	190	15	70	19	110	12	220	17	180	18	260	11	290	23	270	43?	260	9	330	13	160	21
1000 m.	230	12	60	25	120	19	240	26	190	23	260	14	270	30	270	40?	240	14	330	14	200	15
1500 m.	230	10			160	15	250	26	230	30			270	30	280	18	230	18			210	14
2100 m.	250	14					230	27					270	37							230	19
2400 m.	260	22					220	30					270	43							240	17
3000 m.													270	42								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	4-5-53																			
TIME	1500h																			
	ALT. m.	TEMP. °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.	70	34		50	24															
950 mb.																				
900 mb.																				
850 mb.	1505	22		90	8															
800 mb.																				
700 mb.	3151	11		250	13															
600 mb.																				
500 mb.	5849	-9		250	38															
400 mb.	7529	-22		270	30															
300 mb.	9579	-38																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE WEDNESDAY 6TH MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow* التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر الغد

Cool weather with some low cloud in Lower and Middle Egypt, rather يسود الجو لطيف مع وجود سحب منخفضة فى الوجه البحرى وفى الوجه القبلى
cold by night. The heat wave in extreme Upper Egypt will moderate كما تكون درجة البرد الليلة فى الوجه البحرى قليلة البرودة
tonight. Winds mainly moderate Northwest, fresh on coast at times تكون الرياح معتدلة الى نشطة شمالية غربية فى بعض
Moderate to rough at times in coastal waters. الاوقات على السواحل والبحار

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 03 08 U.T. / Sunset 16 35 U.T.)

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

At 1200 on Tuesday 5th

DIRECTION Deg	VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
340	13	35	00	3	0	—	3.5	29	10	46	
40	4	14	02	0	0	—	2.5	24	16	61	
80	8	18	01	0	2	Cs	1.9	28	14	42	
20	6	35	01	1	3	Cu	1.2	25	15	54	
130	8	50	03	2	5	Cc	1.5	34	0	18	
220	7	12	02	1	5	Cc	1.1	30	11	31	
90	13	7	01	1	7	Ac	1.9	25	13	47	
80	19	14	02	0	7	Cs	1.9	23	16	65	
40	6	30	03	2	7	As	1.5	24	15	57	
180	13	7	02	0	0	—	1.8	35	10	22	
360	9	35	03	2	6	As	2.2	36	10	21	
220	5	35	03	2	6	Cs	1.6	35	8	19	
160	5	35	01	1	2	Ci	2.0	35	5	15	
00	0	50	02	1	3	Ci	1.6	36	10	20	
220	9	35	03	2	8	Cc	1.9	35			
250	25	7	07	2	7	Cs	2.7	36	10	20	
300	23	10	03	2	8	Cs	2.1	36	-12?	4	
		12	03	2	8	As, Cs	2.6	36	3	13	
		12	03	2	8	As, Cs	1.9	37	2	11	
150	15	7	02	2	8	As	2.4	35	1	12	
20	6	35	02	2	8	As	2.3	38	11	19	
250	3	10	01	2	6	Ac	2.4	38	0	9	
320	6	8	06	2	7	Ac, Cs	2.6	41	-3	6	
00	0	15	01	0	4	Ac	3.8	42	10	15	
270	2	50	02	1	3	Ci	4.4	42	13	18	
200	1	50	01	1	2	Ci	2.0	43	0	7	
300	11	14	01	2	4	Cs	5.0	35			
270	1	15	02	2	4		3.5	38	0	4	
270	12	35	02	1	5	Cu, Ci	5.1	39	-5	6	
00	0	15	03	2	4	Cu	3.8	41	-6	5	
00	0	15	02	2	4	Ac	2.7	45	13?	16	
180	7	50	03	0	6	Sc	2.7	28	15	45	
140	9	35	03	2	7	As	3.8	32?	25	66	
80	10	30	02	1	4	Ac	4.8	28	22	70	
120	9	15	03	1	4	Ci	5.9	29	20	59	
90	5	30	03	02	2	Cu, Ci	0.5	42	4	10	
160	6	50	02	0	1	As	3.7	33			
130	8	35	02	1	5	Cu	0.6	39	20	34	
340	1	30	02	2	5	Cu, Sc	1.2	39	9	16	
60	4	30	02	2	3	Cu, Ci		40	0	8	
330	2	30	03	2	6	Cb		37	13	24	
170	14	30	17	2	8	Ns, Ac	6.9		22		
160	6	30	03	1	5	Ac, Ci	3.8	37	18	33	

At 1800 on Tuesday 5th

DIRECTION Deg	VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	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.
320	24	15	07	0	0	—	4.6	21	12	33	+7	57	0
280	8	14	02	0	0	—	3.9	20	16			78	0
230	4	14	02	0	1	Ci	2.8	24	12	29		47	0
40	1	7	01	1	3	Cu	2.7	22	15	27		65	0
00	0	35	00	0	0	—	3.6	24	14	35	+10	54	0
320	5	12	02	1	1	Cs	3.0	24	12	35	+10	47	0
30	2		01	1	1	Ac	4.0	21	18	26	+1	83	0
50	1	12	01	2	0	—	3.2	22	19	24	0	83	0
00	0	12	01	2	4	As	2.2	22	17	26		74	0
180	5	7	02	0	0	—	3.0	25	11	37	+8	42	0
360	3		00	1	0	—	2.8	24	16	37	+7	61	0
220	5	35	03	2	5	Cs	3.4	26	12	37	+6	42	0
200	2	15	00	0	0	—	2.4	28	10	38		33	0
00	0	35	02	1	0	—	3.4	27	11	37	+6	37	0
270	5	35	03	2	8	As	2.7	32		36			0
250	9	10	02	2	7	Ac	3.6	32	8	38		22	0
280	9	10	02	2	5	Ac	3.7	32	-3	37	+5	10	0
00	0	8	02	2	8	As, Cs	4.0	30	9	37	+6	27	0
00	0	8	02	2	8	As, Cs	4.0	29	7	38	+7	25	0
250	5	7	02	5	8	As	4.3	32	-3	37	+6	10	dr.
290	6	8	01	1	3	Cs	5.5	31	4	36	+3	18	0
320	1	15	02	2	2	Ac	3.8	31	3	38	+5	17	0
360	6	15	01	1	4	Cu, Ci	5.4	30	1	39		16	0
00	0	15	01	1	0	—	4.2	36	-6?	43	+6	7	0
00	0	15	00	1	0	—	3.2	35	1	45	+8	12	0
180	8	15	01	0	0	—	5.1	25	15	30	-1	54	0
140	5	15	03	2	7	Ac	5.0	27	21	33	+3	70	0
140	5	12	02	1	4	Ac	5.0	25	22	31	+3	84	0
90	2	15	01	1	0	—	4.6	26	21	29	-1	74	0
										35			
										46			
										44			
										45			
										44			
										44			
										43			
										40			
										39			
										37			

At 0600 on Wednesday 6th May, 1953

AREA	INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY IN Km (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	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	270	19	15	00	0	0	—	8.4	-4.7	18	10	14	-2	60	0	37	
	308	SIDI BARRANI	270	19	13	02	0	0	—	7.5		18	11	15		64	0	109	
	306	MATRÛH (A)	270	21	5	07	0	0	—	6.6	-7.5	19	9	14		52	0	52	
	309	EL DABAA	90	11	15	01	1	2	Cu	6.0		19	16	11		83	0	95	
		ALEXANDRIA	310	23	50	03	1	6	Cu	7.0	-7.1	19	16	18	+1	83	0	125	185
	318	ALEXANDRIA (A)	300	17	12	03	0	4	Sc, Ci	6.6	-7.7	20	15	17	+2	73	0	122	138
	339	DAMIETTA	290	13	7	03	1	6	Cu, Ac	6.2	-7.5	20	18	18	+2	88	0	56	104
	393	PORT SAÏD (A)																	
	386	EL 'ARISH	220	4	18	02	2	7	Ac	4.1	-9.6	23	12	17		49	0	46	
LOWER EGYPT	338	DAMANHÛR	310	19	7	02	0	0	—	6.0	-7.9	22	13	17	+3	57	0	43	99
	342	MANSÛRA	320	3	15	03	2	7	Ci	5.9	-7.9	21	16	19	+4	74	0	48	53
	348	TANTA	360	13	35	03	2	7	As	6.0	-8.1	21	16	19	+5	74	0	18	41
	360	SHEBIN EL KÔM	290	13	15	03	2	5	Nc	6.6	-7.5	21	16	19		74	0		
	354	ZAGAZIG	00	0	35	02	2	8	St	5.8	-8.3	22	15	19	+5	65	0	29	20
	441	ISMAÏLIA	290	5	35	03	2	8	As	6.4		24	9	20		38	0	32	
CAIRO AREA	368	CAIRO (A)	290	9	10	02	2	8	Ac	6.5		22	15	22		65	0	7	
	372	CAIRO ALMAZA (A)	290	12	14	02	2	8	Ac	6.9	-7.1	22	14	21	+4	61	0	8	
		CAIRO EZBEKIYA	340	3	8	02	2	8	Ac	7.4	-6.2	22	15	22	+6	65	0	15	25
		GIZA	340	3	8	02	2	8	Ac	7.4	-6.2	21	16	21	+8	74	0	43	25
	378	HELWAN	320	18	7	02	2	8	As	7.2	-6.1	22	11	22	+6	50	dr.	3	28
UPPER EGYPT	387	FAYOÛM	00	0	35	02	2	8	As	7.2	-5.9	24	9	22	+6	38	0	14	8
	387	MINYA (A)	330	4	10	02	2	6	Ac, Ci	6.9	-7.1	29	5	20	+4	22	0	1	
	393	ASYOÛT (A)	300		10	02	2	6	Cs	6.3	-6.1	29	4	25	+7	20	0	2	
	399	NAG HAMADI	00	0	7	01	0	3	Ci	6.3	-5.3	27	11	19	+2	37	0	0.3	
	402	QENA	270	1	35	03	1	3	Ci	5.8	-5.2	32		21	+2		0	2	
	405	LUXOR (A)	00	0	30	02	1	5	Ci	5.9	-6.1	32	4	24		17	0	1	
	414	ASWÂN	00	0	50	00	0	0	—	5.8	-5.3	32	14	26	+4	34	0	2	
OASES	417	SIWA	310	9	14	02	1	4	Ac, Ci	11.9	-2.7	18	10	17	+2	60	0	2	8
	420	BAHARIYA	340	2	15	02	2	6	Ac	9.0	-4.7	24	9	22	+6	38	0	dr.	7
	429	FARAFRA	340	16	15	03	1	8	Ac	10.0		26	4	22		25	0	1	
	432	DAKHLA	340	9	35	00	1	0	—	7.0	-5.0	30	-1	23	+5	13	0	0	
	486	KHARGA	00	0	15	00	0	0	—	5.3	-6.4	33	10	17	-2	24	0	dr.	
RED SEA	456	SUEZ	00	0	35	00	0	5	Sc	5.1	-8.0	25	17			61	0	45	16
	458	TOR	00	0	35	01	1	3	Ci	5.5	-5.6	30?	21	23	+4	59	0	Rain	13
	480	HURGHADA	70	1	18	02	1	4	Ci	5.8	-5.5	26	20	21	+2	70	0	7	
	465	QUSEIR	20	2	15	03	2	8	As	5.6	-5.5	26	20	23	+1	70	0	12	4
	641	PORT SUDAN	160	7	30	02	0	0	—	8.9		31	25	23		70	0		
NORTH SUDAN	600	WADI HALFA	120	14	30	01	0	1	Ci	5.1		34	-4	24		9	0		
	640	ABU HAMAD	130	2	30	02	0	1	Ac			33	11	27		26	0		
	660	KAREIMA	180	5	1	05	0	1	Ac	5.3		34	18	28		39	0		
	680	ATBARA	250	2	10	05	0	0	—	5.8		34	13	28		29	dr.		
	721	KHARTOUM	180	7	15	06	0	2	Ac, Ci	6.9		33	15	29		34	0		
	730	KASSALA	180	6	30	02	0	0	—	7.5		32	17	27		41	0		
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	HENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER	160	3	30	02	2	8	Cs			27	-4	20		13	0		
	770	GENEINA	00	0	30	03	0	7	Cs			29	15			43	0		
S. SUDAN	840	MALAKÂL	160	6	30	03	2	5	Ac, Ci	9.9		26	22	24		79	0		
	880	WÂU	180	4	30	02	2	7	Sc, Ac	9.2		26	20	25		70	dr.		
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga	
DATE	5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5		5-5	
TIME	14		14		14		14		15		14		14	30	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	17	310	19	280	20	40	16	260	12	340	10	270	20	270	7	290	13	270	7	250	11
600 m.	280	17	280	20	270	23	60	17	250	27	280	8	260	15	280	4	290	11	250	10	270	14
1000 m.	270	21	280	21	270	21	70	17	240	23	250	11	260	17	260	4	290	16	250	10	270	19
1500 m.	260	37					100	16	250	38	220	5	260	23	250	13	220	27	230	6		
2100 m.	260	30									220	15	270	22	240	6			230	15		
2400 m.											230	21	260	14	230	9			230	16		
3000 m.																			220	13		
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Hurghada		Matruh		P. Said		El Arish		Almaza		Minya		Asyut		Abbara		Malakal		S. Barani	
DATE	5-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5	
TIME	14		4		2		2		3		3		2		4		4		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	140	20	280	22	270	23	210	12	170	16	330	10	350	5					280	28
600 m.	140	15	290	23	230	15	260	12	190	18	330	15	360	12	230	11	150	16	280	30
1000 m.	170	14	280	26	240	23	270	13	190	23	290	8	340	11	120	11	170	21	290	40
1500 m.	220	11	260	31	240	29	260	22			260	11	250	3			140	10	290	51
2100 m.	240	17	250	33			250	28			200	17								
2400 m.			250	42			240	33			220	24			70	31				
3000 m.															50	7	90	15		
4000 m.																				
5000 m.															70	11	30	14		
6000 m.															30	4				

STATION	Alex. A.P.		P. Said		Helwan		Minya		Asyut		Luxor		Siwa		Baharia		Dakhla		Kharga		Hurghada	
DATE	6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5		6-5	
TIME	8		8		7	15	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.	280	7	290	21	320	13	00	0	330	11	210	2	290	15	310	12	340	17	20	15	40	3
600 m.	270	10	280	23	330	13	330	24	320	13	260	10	310	9	310	10	340	20	20	17	160	7
1000 m.			230	24	260	23	320	18	320	11	160	20	300	18	310	12	350	10	30	14	190	13
1500 m.			240	29	250	20	240	18	290	14	200	12	290	46	300	20			200	7		
2100 m.											210	10	300	35	290	31			250	26		
2400 m.											220	11	290	35	280	36						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	5-5-53																			
TIME	1500																			
	ALT m.	TEMP °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.	1473	14		260	32															
800 mb.																				
700 mb.	3131	12		260	49															
600 mb.																				
500 mb.	5844	-7																		
400 mb.	7554	-16																		
300 mb.	9654	-32																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE THURSDAY 7th MAY 1953

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 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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon to day to noon tomorrow.*

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Cool weather to Middle Egypt continues, rather cold by night ; but hot in extreme Upper Egypt. Sky mainly clear and winds moderate northerly.

يستمر الجو معتدلا أثناء النهار حتى وسط الوجه القبلى مع ميل للبرودة ليلا . بينما يكون جو شديد الحرارة بأقصى الوجه القبلى . السماء صحو بوجه عام والرياح شمالية معتدلة أما فى أعالى الصعيد فالجو حار .

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 07 U.T. / Sunset 16 50 U.T.

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

At 1200 on Wednesday 6th

WIND Direction Deg	WIND Velocity in 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	19	35	03	2	7	NS	10.0	24	14	54
300	18	14	02	0	1	Cs	9.6	20	11	56
310	23	12	03	4*	1	Cu	9.4	22	11	50
320	13	35	01	1	2	Cu	9.1	21	10	50
310	24	50	02	2	5	Cu	9.5	21	12	57
320	24	14	03	1	4	Sc,Ci	8.7	22	13	57
320	13	15	02	1	6	As	8.3	21	14	65
320	23	10	02	0	0	–	8.1	24	15	57
250	12	18	01	2	5	Ac	7.2	23	17	69
310	19	15	02	0	0	–	8.4	24	12	47
320	9	35	00	1	0	–	8.2	27	11	37
270	18	35	03	2	3	Ci	8.3	27	11	37
320	13	35	00	0	0	–	8.6	27	9	33
00	0	50	03	2	0	–	8.0	30	15	40
270	2	35	03	1	6	Cc	7.4	32	9	24
270	16	14	02	2	3	Ci	9.0	28	13	40
310	16	30	02	1	5	Ac,Ci	8.1	29	5	22
		18	01	2	2	Ci	7.9	29	11	33
		18	01	2	2	Ci	8.2	30	6	22
290	15	50	02	1	3	Ac	8.3	28	4	22
340	6	35	02	2	7	Ci	8.6	29	12	35
350	11	10	02	2	6	Ac,Ci	7.4	35	5	12
320	13	10	02	2	8	Cs	6.2	35	0	11
290	1	15	02	1	6	Ac,Ci	5.3	38	8	16
270	2	50	02	1	5	Ci	3.9	42		
200	6	50	01	1	3	Ci	2.6	43	9	13
300	14	13	01	0	1	Cs	12.4	26	4	25
320	4	35	02	2	4	Ac	9.4	29	6	23
340	16	15	01	3	6	Cs	11.2	31	1	15
340	19	7	35	3	0	–	8.2	34	-2	10
320	4	7	02	2	4	Ac	5.4	40	-2	8
310	9	50	03	0	6	Sc	7.5	30	11	31
220	5	35	03	1	3	Ci	5.0	31	24	66
30	5	30	02	2	6	Ci	3.6	28	24	79
120	9	15	01	1	3	As	3.2	28	22	70
230	2	35	02	0	2	Cu	4.2	38	17	29
140	4	30	03	1	6	Cu,Ac	0.6	38	20	35
160	4	50	02	2	6	Cu,Ci	5.3	35	23	50

At 1800 on Wednesday 6th

WIND Direction Deg	WIND Velocity in 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.
320	19	15	00	0	0	–	13.4	18	15	26	-1	83	0
300	10	14	02	0	1	Ci	12.5	18	13	22		73	0
300	10	14	02	0	0	–	11.7	17	13	22		77	0
320	11	7	01	1	1	Cu	11.9	18	13	22		73	0
310	16	35	01	2	2	Cu	12.6	18	13	23	-2	73	0
320	10	12	01	1	1	Sc	12.1	18	14	23	-3	78	0
320	19	7	01	1	1	Cu	11.9	19	14	23	-2	73	0
320	17	14	02	0	0	–	11.8	20	12	26	+2	60	0
290	8	14	02	1	2	Sc,Cu	11.1	20	14	28		69	0
310	9	15	02	1		Cu	12.4	18	15	25	-4	83	0
360	5		00	0	0	–	12.1	20	11	27	-3	56	0
320	2	35	01	1	4	Ci	12.0	19	14	28	-3	73	0
320	5	15	00	0	0	–	12.2	20	11	28		56	0
290	2	35	02	0	0	–	12.4	19	12	30	-1	64	0
250	2	35	01	0	0	–	11.0	22	11	36		50	0
320	4	12	01	0	1	Ci	11.8	21	13	30		61	0
320	8	12	00	1	0	–	12.3	21	11	30	-2	53	0
340	5	10	00	0	0	–	12.7	22	11	30	-1	50	0
340	5	10	00	0	0	–	12.0	20	11	31	0	56	0
320	13	7	03	1	4	Ci	12.3	21	10	30	-1	50	0
340	6	35	01	1	4	Ci	11.4	23	10	32	-1	44	0
320	4	8	01	2	4	Ci	10.6	26	4	35	+1	25	0
320	6	10	01	2	4	Ac	9.8	27	4	36	+1	23	0
290	1	7	01	0	3	Ac	9.0	29	9	40	+4	29	0
270	2	60	00	0	7	02	1	5	Ci	8.2	33	8	43	+6	21	0
360	10	15	32	3?	0	–	7.1	37	9	44	+6	18	0
300	6	8	02	0	1	Ci	13.5	24	8	27	-6	36	0
320	1	15	02	1	0	–	13.1	24	6	31	-2	32	0
340	8	35	01	1	0	–	13.8	23	1	32		24	0
340	15	15	03	0	4	Cc	10.6	29	-1	34	-3	14	0
320	1	7	00	1	0	–	8.8	32	2	40	+3	15	0
310	10	15	01	0	0	–	11.5	23	10	32	+1	44	0
310	9	15	03	1	4	Ci	8.6	28	19	33	+3	57	0
290	12	12	01	0	0	–	7.4	29	19	30	+2	55	0
20	2	15	03	1	5	Ci	6.7	26	20	29	-1	70	0

At 0600 on Thursday 7th May, 1953

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	270	13	15	00	0	0	–	16.8	+3.7	17	11	14	-2	68	0	37	
	306	SIDI BARRANI	290	10	14	02	0	4	Cu	16.6		19	13	16		68	0	109	
	306	MATRUH (A)	300	5	14	01	1	2	Sc,Cu	15.7	+1.8	18	12	13		68	0	52	
	309	EL DABAA	220	8	15	01	1	3	Cu	16.2		19	16	15		83	0	95	
		ALEXANDRIA	310	12	50	02	2	4	Cu	16.4	+2.6	19	16	17	0	83	0	125	185
	818	ALEXANDRIA (A)	320	12	18	02	2	4	Cu	16.3	+2.4	20	14	17	+1	69	0	122	138
	380	DAMIETTA	220	5	7	03	1	2	Cu	15.6	+1.9	20	13	13	-4	64	0	56	104
	353	PORT SAÏD (A)	270	11	14	01	1	1	Sc	15.5	+1.8	20	15	17	-2	73	0	61	
	336	EL 'ARISH	270	8	30	03	1	5	Cu,Sc	14.7	+1.1	20	13	15		64	0	46	
LOWER EGYPT	339	DAMANHUR	310	9	15	02	1	3	Cu	15.6	+1.7	20	15	14	0	73	0	43	99
	342	MANSURA	270	3	15	00	0	0	–	15.8	+2.0	19	14	13	-2	73	0	48	53
	348	TANTA	270	2	35	01	1	2	Cu	15.6	+1.5	20	13	12	-2	64	0	18	41
	360	SHEBIN EL KOM	250	5	15	00	0	0	–	16.4	+2.3	19	14	13		73	0		
	354	ZAGAZIG	00	0	35	02	0	0	–	15.8	+1.7	21	14	13	-1	65	0	29	26
	441	ISMA'ILIA	320	2	35	01	1	4	Cu	16.2		21	9	15		47	0	32	
CAIRO AREA	386	CAIRO (A)	00	0	12	03	0	5	Cu	16.8		19	12	14		64	0	7	
	372	CAIRO ALMAZA (A)	360	2	30	02	2	6	Sc	16.6	+2.7	19	13	16	-1	68	0	9	
		CAIRO EZBEKIYA	340	2	10	02	1	5	Cu	16.8	+3.3	19	13	17	+1	68	0	15	25
		GIZA	340	2	10	02	1	5	Cu	17.0	+3.5	20	13	13	0	64	0	43	25
	378	HELWAN	320	3	15	03	1	3	Cu	16.8	+3.5	18	13	15	-2	73	0	3	28
UPPER EGYPT	381	FAYOUM	360	6	35	03	0	1	Cu,Sc	17.4	+4.3	20	13	14	-2	64	0	14	8
	387	MINYA (A)	340	8	8	03	0	3	Ci	15.7	+1.8	21	10	14	-2	50	0	1	
	393	ASYOUT (A)	310	2	14	03	1	6	Ac,Ci	15.7	+3.3	22	8	17	-2	41	0	2	
	399	NAG' HAMADI	250	1	7	01	0	3	As	13.9	+2.3	26	12	20	+3	42	0	0.3	
	402	QENA	270	1	35	03	1	4	Ci	13.3	+2.3	28		21	+2		0	2	
	406	LUXOR (A)																	
	414	ASWAN	20	10	15	30	3?	2	Ci	12.0	+0.9	29	9	26	+4	29	0	2	
OASES	417	DIWA	350	3	14	01	0	0	–	19.4	+4.8	18	11	13	-2	64	0	2	8
	420	BAHARIYA	360	1	35	02	1	2	Cu	17.4	+3.7	20	11	14	-2	56	0	dr.	7
	428	FARAFRA	40	10	35	03	0	3	Ci	17.6		22	6	16		36	0	1	
	432	DAKHLA	340	9	35	03	1	5	Cu	14.7	+2.1	24	3	19	+1	26	0	0	
	435	KHARGA	360	2	7	02	2	6	Ac	14.0	+2.3	25	13	22	+2	47	0	dr.	
RED SEA	450	SUEZ	310	7	35	00	0	3	Cu	15.8	+2.8	21	12			57	0	45	16
	469	TOR	310	13	35	03	1	6	Ci	13.5	+2.4	27	13	24	+5	42	0	Rain	13
	462	HURGHADA	310	24	18	02	2	6	Ac,Ci	12.7	+1.7	24	13	23	+4	50	0	7	
	465	QUSEIR	330	13	15	03	2	7	Ci	12.3	+1.2	25	15	25	+3	54	0	12	4
	641	PORT SUDAN																	
NORTH SUDAN	800	WADI HALFA																	
	840	ABU HAMAD																	
	660	KAREIMA																	
	880	ATBARA																	
	721	KHARTOUM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	941	JUBA																	
RETARDS	DATE																		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh	Alex. A.P.	P. Said	El Arish	Minya	Asyut	Aswan	Siwa	Dakhla	Kharga	Hurghada
DATE	6-5	6-5	6-5	6-5	6-5	6-5	6-5	6-5	6-5	6-5	6-5
TIME	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	17	330	18	310	19	310	19	330	12			280	19	300		350	13	330	19	360	3
600 m.	300	25	330	19	320	26	290	21	340	20	320	10	270	19	300		340	17	330	25	10	18
1000 m.	280	28	330	12	330	21	270	22	350	14	340	12	260	13	300		330	21	320	25	310	23
1500 m.	270	28			340	31			350	13	315	15	270	16	280	6					280	17
2100 m.									300	16					290	26					270	24
2400 m.															300	29					260	14
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh	P. Said	El Arish	Minya
DATE	7-5	7-5	7-5	7-5
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
300 m.	320	15	280	10	250	17	340	8												
600 m.	320	16	290	10	270	9	350	9												
1000 m.	320	20	290	9	280	11	340	6												
1500 m.			310	10			350	6												
2100 m.			330	7																
2400 m.			350	7																
3000 m.																				
4000 m.																				
5000 m.																				
6000 m.																				

STATION	Matruh	Helwan		Asyut	Siwa	Baharia	Dakhla	Kharga
DATE	7-5	7-5		7-5	7-5	7-5	7-5	7-5
TIME	6	7 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.	300	7	320	7			330	11	20	13	360	10	10	25	20	18						
600 m.	300	8	330	9			340	16	20	12	360	10	20	13	20	24						
1000 m.			340	12			340	11	20	9	330	15	20	15	20	28						
1500 m.							320	25	360	10	340	14			360	16						
2100 m.							290	23	330	23	340	22			320	19						
2400 m.							290	31	310	21	350	27			320	19						
3000 m.									310	29												
4000 m.									310	35												
5000 m.									305	40												
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.					Khartum														
DATE	6-5-53					7-5-53														
TIME	1500					0500														
	ALT. m	TEMP. °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.	96	26		310	16															
950 mb.							33		290	8										
900 mb.						999	31													
850 mb.	1497	14		240	10															
800 mb																				
700 mb.	3113	6		250	61															
600 mb.																				
500 mb.	5791	-11				5879	-9		140	9										
400 mb.	7466	-23				7552	-17		90	12										
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

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE FRIDAY 8th MAY 195

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow

Slight rise in temperature tomorrow with some high cloud.

Winds mainly moderate northeasterly.

العبارات المنظرة فى حالة الطقس من ظهر اليوم الى ظهر الغد

من طفيف فى درجة الحرارة غدا مع بعض السحب العالية

والرياح غالبا معتدلة شمالية شرقية

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 07 U.T. / Sunset 16 36 U.T.

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

At 1200 on Thursday 7th

WIND Direction Deg	WIND Velocity in Knots	PRESENT WEATHER ww	PAST WEATHER W	CLOUD Amount Oktas N	CLOUD Forms	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	RELATIVE HUMIDITY %
20	19	35	00	0	0	—		21	14	65
230	11	18	01	0	0	—	17.1	20	12	60
320	12	18	02	0	0	—	17.3	21	12	57
320	6	35	01	1	1	Cu	17.8	21	10	50
310	18	50	01	2	3	Cu	17.0	21	12	57
310	6	18	02	1	3	Cu	16.7	22	15	65
290	5	35	01	1	8	—	16.0	21	14	65
350	14	30	02	1	1	Cu	15.7	21	16	74
360	8	30	01	1	0	—	14.9	22	14	61
310	9	15	02	1	1	Cu	16.6	25	11	42
270	5	35	02	1	3	Cu	15.1	27	11	37
270	5	35	01	1	3	Cu	15.1	27	11	37
340	9	35	01	1	2	Cu	16.0	26	10	37
00	0	50	02	0	0	—	15.1	28	15	45
320	2	35	01	1	2	Cu	15.0	27	11	37
270	5	12	00	0	0	—	14.9	26	10	37
340	10	30	01	1	0	—	14.8	25	10	39
320	3	18	00	1	0	—	15.4	27	11	37
320	3	18	00	1	0	—	15.1	27	10	35
290	8	35	02	0	0	—	15.5	26	7	30
360	6	35	02	0	0	—	15.4	26	10	37
350	14	8	02	0	0	—	13.8	29	6	23
340	12	30	00	1	0	—	12.9	30	1	16
270	1	15	01	0	4	Ae,Ci	11.1	33	10	24
270	2	50	02	1	2	Ci	11.0	35		
320	8	30	02	2	6	Cs	11.0	34	1	12
360	4	15	01	1	2	Ci	9.5	36	10	20
300	5	14	03	0	2	Ci	18.2	28	3	20
360	3	35	02	0	0	—	16.0	28	7	27
360	9	35	01	1	1	Ci	17.0	30	8	25
20	9	50	00	0	0	—	13.4	31	3	17
40	3	15	01	2	2	Ac	12.6	32	14	34
360	8	50	01	0	0	—	14.3	26	10	37
220	9	35	05	1	0	—	11.8	28	16	37
350	22	18	02	1	2	Ci	12.2	26	15	51
360	13	15	01	1	6	Ac	10.6	28	17	52

At 1800 on Thursday 7th

WIND Direction Deg	WIND Velocity in Knots	VISIBILITY in Km (or m)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD Amount Oktas N	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	9	15	03	2	7	Ci	17.1	15	13	23	-4	73	0
340	4	14	02	1	6	Ci	17.0	16	12	21		68	0
310	3	11	03	1	6	Cs	16.6	18	12	22		68	0
320	3	7	01	1	2	Cu	17.0	17	13	22		77	0
360	10	35	00	0	0	—	16.4	18	13	24	-1	73	0
320	11	12	01	1	4	Sc	16.4	19	12	22	-4	64	0
320	5		03	0		Cu	16.4	19	14	22	-4	73	0
020	5	18	02	0	1	Cu	16.1	20	15	24	-1	73	0
360	4	12	00	0	1	Ci	16.6	22	13	28		57	0
320	10	12	00	0	0	—	15.7	22	11	28	-4	50	0
330	2	10	00	0	0	—	16.4	22	12	29	-2	53	0
330	2	10	00	0	0	—	16.3	21	12	28	-4	57	0
320	12	15	02	0	0	—	15.6	22	9	27	-4	44	0
350	7	8	03	1	6	Ac	16.8	24	2	29	-4	24	0
340	2	15	02	0	0	—	15.9	24	6	29	-4	32	0
340	1	15	01	0	0	—	16.4	23	5	30		32	0
330	2	25	02	0	0	—	13.4	27	2	32	-5	20	0
340	2	15	02	0	0	—	12.8	28	7	33	-4	27	0
340	13	25	02	0	0	—	15.4	22	13	28	-3	57	0
330	13	25	02	0	0	—	11.9	26	14	31	+1	48	0
340	2	25	02	0	0	—	10.7	25	11	27	-1	42	0
		15						25	15	28	-2	54	0
										32			
										42			
										45			
										45			
										32			

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRANI
	305	MATRUH (A)
	309	EL BARAK
		ALEXANDRIA
	315	ALEXANDRIA (A)
	350	DAMIETTA
	353	PORT SAID (A)
	398	EL ARISH
LOWER EGYPT	335	DAMANHUR
	340	MANSURA
	344	TANTA
	360	SHEBIN EL KOM
	364	ZAGAZIG
	441	ISMAILIA
CAIRO AREA	368	CAIRO (A)
	373	CAIRO ALMAZA (A)
		CAIRO HELIOPOLIS
		GIZA
	377	HELWAN
UPPER EGYPT	381	FAYOUM
	387	BENHA (A)
	387	ASHLUT (A)
	399	NAG HAMADI
	402	MINIA
	406	ASSIUT
	415	LUXOR
RED SEA	430	SUEZ
	434	TOR
	437	HURGHADA
	439	QUSEIR
	441	PORT SUDAN
NORTH SUDAN	607	WAD MEDANI
	630	ATBARA
	650	KASSALA
	672	KHARTOUM
	730	SUAKIN
CENTRAL SUDAN	781	WAD MEDANI
	801	RENK
	802	MONGALLA
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKAL
	880	WAU
	941	JUBA

At 0600 on Friday 8th May 1953

WIND Direction Deg	WIND Velocity in Knots	VISIBILITY in Km (or m)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD Amount Oktas N	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 to Oct. 1st
160	5	15	00	0	0	—	15.9	+2.8	21	16	13	-3	74	0	37	
160	6	15	02	0	0	—	13.6		20	6	12		41	0	109	
180	2	14	02	0	6		15.6	+1.5	20	10	9		53	0	52	
200	1	15	00	0	0	—	16.3		19	14	10		73	0	95	
130	10	35	03	4	6	Cu	16.8	+2.6	19	12	16	-1	64	0	125	185
200	4	18	02	1	3	Sc	16.8	+2.7	19	14	12	-4	73	0	122	138
140	2	7	02	1	3	Cu	16.7	+3.1	20	15	14	-3	73	0	56	104
90	5	12	03	0	4	Sc	17.0	+3.4	21	14	18	-1	65	0	61	
360	9	15	02	0	0	—	17.1	+3.2	21	16	16	+1	74	0	43	99
90	3	15	03	2	4	Ac,Ci	16.8	+3.0	21	14	13	-2	65	0	48	53
00	0	35	02	0	0	—	17.2	+3.2	18	13	11	-3	73	0	18	41
70	5	15	01	1	3	Cu	17.5	+3.4	19	12	12		64	0		
00	0	35	02	1	2	Cu	17.0	+3.0	20		12	-2		0	29	26
20	2	35	01	1	4	Ac	16.0		21	14	14		65	0	32	
90	7	12	01	1	1	Sc	17.0		17	14	15		83	0	7	
70	8	14	02	1	1	Cu	16.5	+2.7	19	14	15	-2	73	0	8	
20	2	10	00	0	0	—	16.8	+3.3	20	14	16	0	69	0	15	25
20	2	10	00	0	1	Cu	16.7	+3.2	22	13	12	-1	57	0	43	25
320	4	15	02	0	0	—	16.3	+3.0	18	13	15	-2	73	0	3	28
00	0	35	02	0	0	—	16.2	+3.1	19	14	14	-2	73	0	14	8
00	0	8	02	0	0	—	15.0	+1.2	20	13	13	-3	64	0	1	
290	2	12	01	1	1		14.6	+2.2	22	9	16	-3	44	0	2	
340	1	7	01	0	2	Ac,Ci	14.3	+2.8	24	12	17	-1	47	0	0.3	
270	1	35	00	0	0	—	12.8	+1.9	29	23	16	-3	70	0	2	
340	4	50	00	0	0	—	12.3	+1.3	26	10	22	0	37	0	2	
100	2	14	03	0	2	Ci	16.8	+2.2	20	8	15	0	46	0	2	8
360	1	35	02	0	0	—	16.7	+3.1	20	11	13	-3	56	0	dr.	7
40	4	35	03	0	1	Ci	17.0		22	6	16		36	0	1	
180	9	50	01	1	4	Ci	15.0	+2.5	25	5	18	0	28	0	0	
360	2	15	02	2		Ac	13.8	+2.2	24	12	20	0	47	0	dr.	
360	4	35	00	0	0	—	14.4	+1.4	20	13			64	0	45	16
310	13	35	02	0	0	—	13.6	+2.6	20	18?			88?	0	Rain	13
330	18	30	02	0	0	—	12.8	+1.7	22	17	18	-1	74	0	7	
360	13	15	02	0	0	—	11.6	+0.6	24	19	22	0	74	0	12	4
340	1	30	01	0	0	—	11.1		29	21	26		62	0		
10	15	30	02	0	0	—	10.6		26	2	21		21	0		
360	6	30	02	0	0	—			33	12	28		28	0		
50	6	30	01	0	0	—	6.0		35	10	26		22	0		
180	7	30	03	2	6	As,Cs	11.4		25	21	21		77	dr.		

RETARDS — DATE

* = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut		Aswan		Biwa		Dakhla		Kharga	
DATE	7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5		7-5	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	12	310	10	340	26	360	13	250	4	340	21	330	13	360	19	310	18	10	30	20	19
600 m.	320	12	310	10	330	15	300	15	240	3	340	33	340	16	350	24	320	16	10	30	20	25
1000 m.	320	17	300	8	280	21	280	17	250	8	360	31	350	23	340	27	350	10	10	36	30	25
1500 m.	320	9	290	13	240	23	290	17	250	15	350	26	350	18	10	16	330	13	350	11		
2100 m.	290	15	210	17	290	25	280	19	240	16			320	25	360	16	340	10				
2400 m.	290	17	300	11	290	19	280	20	240	17			320	25	360	16	350	11				
3000 m.	300	23	300	20			270	22									290	15				
4000 m.							290	33									310	31				
5000 m.																	290	34				
6000 m.																	300	33				

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut		W. Halfa		Khartoum		El Fasher		Geneina		Nala Kal	
DATE	8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5	
TIME	4		4		3		3		2		2		2		4		4		4		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	300	3			70	6	70	16	330	7	20	13	30	15								
600 m	260	11	230	4	70	5	80	14	340	6	10	20	60	19	240	21					250	17
1000 m	320	11	230	5	80	5	360	14	350	7	360	16	50	10	240	15	310	3	230	13	240	24
1500 m	320	35			90	4	340	17	310	7	350	17	10	17	170	5	70	13	240	23	180	29
2100 m					110	5	310	20	360	5	300	11			90	11			90	7	190	21
2400 m					130	5					270	16	290	21	60	11	60	31	90	22	190	15
3000 m							290	30					310	7	50	9	90	17	80	16	80	15
4000 m							290	29														
5000 m																					50	13
6000 m																						

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Melwan		Minya		Asyut		Luxor		Baharia		Dakhla		Kharga	
DATE	8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5	
TIME	8		8		8		8		7		8		8		8 15		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	140	3	60	1	80	4	40	6	10	2	340	24	340	18	340	10	20	3	30	10	20	21
600 m	220	5	240	3	110	6	70	6	50	16	340	10	340	19	350	8	40	8	40	10	30	29
1000 m	330	4	330	1	140	5	90	6	360	9	360	14	350	9	350	8	50	4	30	10	20	31
1500 m	320	12			360	11	330	17	340	13	360	16	350	16	340	16	360	6	350	9	40	25
2100 m	310	18			310	5	320	21	320	17	300	14	310	16			360	21	310	13		
2400 m	300	22					320	26	300	26	300	17	300	23			10	19	310	11		
3000 m	300	21					300	17	300	26							320	10				
4000 m	290	21																				
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo R.P.																					
DATE	7-5-53																					
TIME	1500																					
	ALT m.	TEMP °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.	132	27		320	11																	
950 mb.																						
900 mb.																						
850 mb.	1534	13																				
800 mb.																						
700 mb.	3149	5																				
600 mb.																						
500 mb.	5833	-9																				
400 mb.	7511	-24																				
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE SATURDAY 9th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow* التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر الغد

A desert depression is approaching from over the Western Desert causing اقترب انخفاض جوى من الصحراء الغربية فتشتد الرياح الجنوبية

strong winds to Middle Egypt with occasional duststorms. Cloudy مشبعة بالغبار من السواحل الى الوجه البحرى مع تكاثر السحب احيانا

with risk of light scattered thundery showers. Winds will veer to وتتعرض الوجه البحرى لخطر خفيف محلى بالبرد فى اتجاه تتحول الرياح حتى

westerly tomorrow with fall of temperature. الغربى وتنخفض درجة الحرارة غدا وتهب رياح غربية وتكون الاحوال

F. G.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

Cairo — Time of Sunrise 03 06 U.T.; Sunset 16 37 U.T.

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

At 1200 on Friday 8th

Area	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	Salloum	40	9	35	00	0	0	—	13.6	21	12	57
Mediterranean	Sidi Barrani	60	14	18	02	0	0	—	13.4	21	11	53
Mediterranean	Matruh (A)	30	8	18	02	0	0	—	13.9	24	11	44
Mediterranean	El Dab'aa	70	5	35	00	0	0	—	14.2	22	13	57
Mediterranean	Alexandria	300	12	50	00	0	0	—	15.2	20	15	73
Mediterranean	Alexandria (A)	330	10	18	02	0	0	—	15.4	22	15	65
Mediterranean	Damietta	40	2	35	01	0	1	Cu	16.4	23	15	61
Mediterranean	Port Said (A)	40	10	30	01	0	0	—	15.7	22	15	65
Mediterranean	El Arish	360	8	30	01	0	0	—	14.4	22	12	53
Lower Egypt	Damanhur	360	9	15	02	0	0	—	15.0	27	13	42
Lower Egypt	Mansura	360	3	35	00	1	0	—	14.8	27	11	37
Lower Egypt	Tanta	00	0	35	02	0	0	—	14.7	27	9	33
Lower Egypt	Shebin el Kom	340	5	35	00	0	0	—	14.8	27	9	33
Lower Egypt	Zagazig	00	0	50	02	0	0	—	14.7	28	15	45
Lower Egypt	Ismailia	360	2	35	02	0	0	—	14.7	27	9	33
Cairo Area	Cairo (A)	20	3	18	01	1	1	Ci	14.2	28	14	42
Cairo Area	Cairo Almaza (A)	350	5	30	02	0	1	Ci	13.9	27	9	33
Cairo Area	Cairo Ezbekiya	340	3	18	00	0	0	—	13.8	28	7	27
Cairo Area	Giza	340	3	18	00	0	0	—	13.9	28	7	27
Cairo Area	Helwan	340	10	35	02	0	0	—	13.5	28	0	16
Upper Egypt	Fayoum	360	4	35	02	0	0	—	13.5	29	6	23
Upper Egypt	Minya (A)	10	9	8	02	0	0	—	12.5	30	6	22
Upper Egypt	Asyout (A)	310	12	30	02	1	1	Ci	11.9	32	-2	11
Upper Egypt	Nag Hamadi	140	2	15	01	1	4	As,Ci	10.6	36	10	20
Upper Egypt	Qena	270	1	50	00	0	0	—	9.5	37		
Upper Egypt	Luxor (A)	270	3	30	02	0	1	Ci	9.4	36	-7	6
Upper Egypt	Aswan	340	5	50	00	0	0	—	8.2	36	10	20
Oases	Siwa	170	3	14	02	1	4	Cs	14.4	32		
Oases	Baharia	360	2	35	02	1	3	Ac	14.3	30	8	25
Oases	Farafra	00	0	35	03	1	2	Ci	14.6	31	8	24
Oases	Dakhla	90	4	35	01	1	1	Ci	12.6	35	1	12
Oases	Kharga	360	4	15	02	1	2	Ac	11.2	34	12	27
Red Sea	Suez	40	4	50	03	0	2	Sc	13.9	27	6	27
Red Sea	Tor	220	9	35	02	0	0	—	12.2	26	18	62
Red Sea	Hurghada	350	13	30	01	0	0	—	11.9	26	17	58
Red Sea	Quseir	360	19	15	02	0	0	—	10.8	27	17	55
Red Sea	Port Sudan	20	3	30	03	0	1	Ci	8.0	33	22	53
North Sudan	Wadi Halfa	20	12	30	02	0	0	—	7.0	39	-5	6
North Sudan	Abu Hamad	70	4	30	02	0	1	Cu		44	6	10
North Sudan	Kareima	70	12	30	03	0	1	Cu	2.0	44	5	10
North Sudan	Atbara	150	4	30	03	0	0	—	2.0	43	8	12
North Sudan	Khartoum	200	8	30	01	0	0	—	2.7	41	13	19
North Sudan	Kassala	130	4	30	03	0	1	Cu	2.2	40	15	23
Central Sudan	Wad Medani											
Central Sudan	Renk											
Central Sudan	Roseires											
Central Sudan	El Obeid	200	16	30	02	2	7	Cs	3.5	37	17	31
Central Sudan	El Fasher	50	6	30	02	2	8	As,Ci		37	-5	7
Central Sudan	Geneina	100	21	30	03	2	8	Cu,Ac		35	12	25
S. Sudan	Malakal	180	8	30	03	2	5	Cu,Ac	6.6	34	18	39
S. Sudan	Wau	230	6	30	05				6.5	33	19	44
S. Sudan	Juba	180	9	50	01	2	7	Cu,Cs	6.3	34	21	47

At 1800 on Friday 8th

Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloum	70	9	15	02	1	2	Ci	11.2	28	13	24	-3	64	0
Sidi Barrani	90	9	14	03	1	4	Ci	11.8	19	12	23		64	0
Matruh (A)	100	9	15	03	0	1	Ac	12.0	19	15	26		78	0
El Dab'aa	90	4	7	00	0	0	—	12.4	18	13	23		73	0
Alexandria	90	16	35	00	0	0	—	14.4	18	15	22	-3	83	0
Alexandria (A)	60	8	12	02	0	0	—	13.9	18	14	25	-1	78	0
Damietta	120	15	7	00	0	0	—	14.7	20	13	24	-2	64	0
Port Said (A)	50	14	18	02	0	0	—	14.7	20	15	23	-2	73	0
El Arish	40	6	14	02	0	0	—	14.5	18	12	24		68	0
Damanhur	40	5	15	02	0	0	—	14.4	19	16	28	-1	83	0
Mansura	40	5		00	0	0	—	14.4	20	12	29	-2	60	0
Tanta	90	2	35	02	0	0	—	13.6	21	14	29	-2	65	0
Shebin el Kom	00	0	15	00	0	0	—	14.3	21	12	28		57	0
Zagazig	00	0	35	02	0	0	—	14.2	24	14	30	-1	54	0
Ismailia	20	5	35	02	0	0	—	13.6	20	11	28		56	0
Cairo (A)	70	17	12	01	0	0	—	13.2	25	8	29		34	0
Cairo Almaza (A)	60	17	12	00	0	0	—	12.8	25	11	28	-4	42	0
Cairo Ezbekiya	360	4	10	00	0	0	—	13.1	25	11	29	-3	42	0
Giza	360	4	10	00	0	0	—	12.8	24	11	29	-3	44	0
Helwan	360	6	15	03	1	3	Ci	13.5	25	8	29	-3	34	0
Fayoum	00	0	35	02	0	0	—	12.8	25	8	31	-2	34	0
Minya (A)	00	0	8	02	1	2	Ci	11.7	22	9	32	-3	44	0
Asyout (A)	300	8	8	02	1	1	Ci	10.7	25	3	33	-3	24	0
Nag Hamadi	00	0	7	01	0	2	As	10.3	24	9	37	+1	38	0
Qena	00	0	7	03	1	3	Ci	10.2	29		38	0		0
Luxor (A)	00	0	12	01	1	4	Ci	9.4	29	3	38		19	0
Aswan	00	0	50	00	0	0	—	8.2	33	10	37	-1	24	0
Siwa	100	6	8	02	0	2	Ci	11.4	28	-1	33	0	15	0
Baharia	00	0	15	02	0	0	—	12.6	25	5	31	-3	28	0
Farafra	00	0	35	03	1	3	Ci	11.9	27	9			33	0
Dakhla	20	4	15	01	1	1	Ci	10.2	29	-1	35	-2	14	0
Kharga	00	0	15	00	1	0	—	9.6	30	5	35	-2	21	0
Suez	360	11	15	01	0	0	—	12.7	22	11	30	-2	50	0
Tor	40	9	15	01	1	2	Ci	9.5	26	18?	29	-1	62	0
Hurghada	300	11	18	02	0	0	—	9.3	24	12	27	-1	47	0
Quseir	330	5	15	02	0	0	—	9.0	25	13	27	-3	47	0
Port Sudan											34			
Wadi Halfa											40			
Abu Hamad											45			
Kareima											45			
Atbara											44			
Khartoum											43			
Kassala														
Wad Medani														
Renk														
Roseires														
El Obeid														
El Fasher											39			
Geneina											38			
Malakal											35			
Wau											34			
Juba											34			

At 0600 on Saturday 9th May, 1953

Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct 1st	Rainfall Normal From Oct 1st
62300	Salloum	90	9	7	02	0	0	—	4.4	-8.6	23	15	18	+2	61	0	37	
303	Sidi Barrani	150	24	12	07	0	5	Ci	5.5		24	15	10		57	0	109	
306	Matruh (A)	130	20	10	03	2	8	Ac,Cs	6.8	-7.3	21	10	15		50	0	52	
309	El Dab'aa	140	13	15	03	2	6	Sc	10.5		19	9	14		52	0	95	
	Alexandria	130	15	35	03	4	8	Ac	12.6	-1.4	19	14	10	-1	73	0	125	185
318	Alexandria (A)	100	6	12	02	2	8	Ac	12.8	-1.2	19	15			78	0	122	138
330	Damietta	70	5		03	2	8	As	13.1	-0.5	20	15	18	+1	73	0	56	104
333	Port Said (A)	80	13	12	03	1	7	Ci	12.8	-0.7	20	15	18	-1	73	0	61	
336	El Arish	30	6	30	03	2	6	Cs	11.6	-2.0	20	12	12		60	0	46	
339	Damanhur	90	4	7	02	1	6	Ci	12.6	-1.2	19	14	14	-1	73	0	43	99
342	Mansura	90	5	15	03	2	8	As,Ci	12.8	-1.0	20	13	15	0	64	0	48	53
348	Tanta	90	5	35	03	2	8	Cu	12.0	-2.0	19	14	14	0	73	0	18	41
350	Shebin el Kom	20	5	15	03	2	7	Sc	11.8	-2.2	18	13	15		73	0		
354	Zagazig	40	1	35	02	1	7	Sc	11.6	-2.4	19	14	15	+1	73	0	29	26
441	Ismailia	40	5	35	03	2	8	As	11.5		20	11	14		56	0	32	
366	Cairo (A)	50	8	14	02	2	7	As,Cs	11.2		21	7	16		41	0	7	
372	Cairo Almaza (A)	40	11	18	03	2	8	Cs	11.2	-2.5	20	12	17	0	60	0	8	
	Cairo Ezbekiya	350	1	8	02	2	7	Ac	11.5	-1.9	21	11	18	+2	53	0	15	25
	Giza	350	1	8	02	2	7	Ac	11.0	-2.5	20	12	18	+4	60	0	43	25
378	Helwan	320	7	7	05	2	8	As	10.6	-2.6	22	6	20	+3	36	0	3	28
381	Fayoum	00	0	35	02	2	7	As	10.8	-2.3	23	10	16	0	44	0	14	8
387	Minya (A)	150	1	8	02	1	2	Ci	9.5	-4.2	23	10	13	-3	44	0	1	
393	Asyout (A)	270	2	12	02	1	4		10.3	-2.0	25	7	18	-1	32	0	2	
399	Nag Hamadi	00	0	7	00	0	0	—	10.7	-0.7	23	10	16	-2	44	0	0.3	
402	Qena	00	0	35	00	0	0	—	10.2	-0.7	28		17	-2		0	2	
405	Luxor (A)	10	4	30	01	0	1	Ci	9.5	-1.6	28	-2	18		14	0	1	
414	Aswan	360	2	50	01	1	2	Ci	9.3	-1.7	29	3	23	0	19	0	2	
417	Siwa	120	9	14	02	2	7	Sc,Ac	8.3	-6.3	24	0	16	+1	21	0	2	8
420	Baharia	00	0	35	02	2	7	Ac	11.0	-2.6	22	11	16	0	50	0	dr	7
423	Farafra	00	0	35	02	1	8	Cs	10.8		24	3	16		26	0	1	
432	Dakhla	20	9	35	03	1	5	Ci	11.1	-1.4	23	1	17	-1	24	0	0	
435	Kharga	00	0	35	02	2	3	Ac	10.7	-0.9	23	7	19	-1	36	0	dr.	
450	Suez	310	5	35	00	0	5	Sc	11.4	-1.6	21	12			57	0	45	16
459	Tor	180	5	35	03	1	3	Ci	9.9	-1.1	24	19	17	-2	74	0	Rain	13
462	Hurghada	320	14	18	02	0	1	Ci	9.4	-1.6	24	12	17	-3	47	0	7	
465	Quseir	330	2	15	00	0	2	Ci	9.0	-2.0	27	11	22	-1	37	0	12	4
641	Port Sudan	360	4	50	02	0	0	—	8.9		31	16	22		41	0		
600	Wadi Halfa	350	9	30	02	1	3	Ac,Ci	8.6		27	-4	21		13	0		
640	Abu Hamad	70	1	30	02	0	1	Ac			33	2	27		14	0		
660	Kareima	80	8	30	02	0	0	—	5.6		32	-1	28		12	0		
680	Atbara	90	6	30	02	0	1	Ac	5.2		35	12	29		25	0		
721	Khartoum	260	12	30	03	1	7	Cs	4.9		35	16	30		32	0		
730	Kassala																	
751	Wad Medani																	
801	Renk																	
802	Roseires																	
771	El Obeid																	
780	El Fasher	50	1	30	02	2	8	Cs			28	15	21		45	0		
770	Geneina	260	3	15	05	0	7	Cs			27	13	21		42	0		
840	Malakal	170	3	30	03	2	7	As,Cs	10.5		28	22	25		70	dr.		
880	Wau	00	0	30	02	1	3	Ac,Ci	9.1		28	22	25		70	0		
941	Juba	00	0	50	03	2	7	Cb,Ac	11.7		25	23	22		89	3		

Retards — Date

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		P. Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga	
DATE	8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5		8-5	
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	14	10	9	30	16	350	22	350	14	20	15	300	6	340	19	130	17	10	14	40	10
600 m	130	10	10	5	40	11	350	13	360	17	10	10	320	9	330	21	130	19	20	15	40	14
1000 m	170	12	110	4	50	11	280	3	360	23	10	12	330	9	340	27	120	19	30	17	20	14
1500 m	200	26	250	15	90	7	260	5	20	16	10	18	340	12			140	25	30	15	360	7
2100 m	200	17	310	9			290	10	330	3			320	26			160	7	20	9		
2400 m			310	17			300	14	320	12			300	28			170	10	330	12		
3000 m			270	22			290	11	290	12							190	16	300	15		
4000 m							290	7									220	10				
5000 m							280	33									260	20				
6000 m																						

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut		W. Halfa		Abu Hamed		Kareima		Atbara		Khartum	
DATE	9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	4		2		3		2		2		2		4		3		3		4		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	120	30	110	9	90	14	70	18	40	8	80	6	30	13								
600 m	140	19	150	6	80	8	50	12	40	2	100	8	60	17	70	17	60	28	110	15		
1000 m	160	18	140	5	60	4	30	11	70	6	30	3	60	15	80	15	70	27	110	17	240	23
1500 m			220	4	270	5	60	7	60	10	30	7	30	5	90	13	60	25	120	16		
2100 m							300	7			340	6	340	5					110	10	270	9
2400 m							340	5					350	5	50	10	50	16	90	8	310	5
3000 m													300	6	30	9	360	1	70	6	50	11
4000 m															50	6					70	21
5000 m															230	3			130	6	170	7
6000 m													290	6	310	4	290	27	20	8	50	5

STATION	Alex. A.P.		P. Said		El Arish		Helwan		Minya		Asyut		Luxor		Siwa		Baharia		Dakhla		Kharga	
DATE	9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	8		8		8		7	15	8		8		8	15	8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	60	17	70	11	70	7	40	12	10	4	180	4			140	23	130	9	130	10	40	7
600 m	40	20	70	16	110	7	40	13	330	3	180	5	180	22	150	22	130	7	210	8	30	7
1000 m	30	27	70	16	70	9	270	9	190	6	200	7	320	2	210	30	130	7	230	10	320	3
1500 m	200	20	60	25	350	4	270	4	230	10	220	9	280	9	270	21	140	4	290	25	250	5
2100 m					330	7	240	5	220	6	270	6	270	10	290	37					280	7
2400 m							220	4	260	12	320	4			310	30					270	8
3000 m					230	6	270	10			300	10	280	19	290	32						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

Cairo R.P.
8-5-53
1500

	ALT. m	TEMP °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
900 mb	114	28		20	6															
850 mb	1519	14		30	5															
700 mb	3151	9		320	17															
500 mb	5861	-7		280	31															
400 mb	7561	-19																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE SUNDAY 10 TH MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

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

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Cool weather to Middle Egypt with moderate northerly winds, fresh at times. Sky, mainly clear. The heat wave in Upper Egypt will moderate tomorrow.

جو معتدل بالوجه البحرى مع رياح شمالية معتدلة تنشط بالساعات
السماء صحو بوجه عام والحر بالوجه القبلى يلطف غدا.

Printed by the Survey of Egypt 1952 (52/334)

F. G.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 05 U.T.; Sunset 16 38 U.T.

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

At 1200 on Saturday 9th

Station	Wind Direction	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
Salloum	220	24	35	00	3	0	—	1.3	34	-1	11
Sidi Barrani	260	23	1.2	07	3	8	C̄s	1.1	36	-6	7
Matruh (A)	200	25	0.11	34	3	8	Cs	2.0	36	-1	10
El Daba'a	160	15	1.1	34	3	9	—	2.7	33	-5	8
Alexandria	130	22	7	34	3	9	—	5.0	26	7	30
Alexandria (A)	160	14	12	02	2	8	Ac	6.5	26	11	40
Damietta	90	5	15	01	1	6	Ac	6.6	24	16	61
Port Said (A)	100	18	30	03	2	7	Ac	8.5	24	15	57
El Arish	90	4	30	02	2	7	Ac	10.1	23	12	50
Damanhur	130	13	15	02	1	7	Ci	8.1	28	13	40
Mansura	90	5	15	03	2	8	As	7.9	29	9	29
Tanta	90	5	35	03	2	7	Ac, Ci	7.5	29	6	23
Shebin el Kom	110	13	35	02	2	5	Ac	8.3	28	0	16
Zagazig	40	2	50	02	1	7	Sc	6.8	28	7	27
Ismailia	140	13	35	03	2	8	Ac	7.1	29	6	23
Cairo (A)	120	14	12	02	2	6	As, Cs	6.8	33	0	12
Cairo Almaza (A)	180	22	10	01	2	6	Ac, Ci	6.1	34	8	20
Cairo Ezbekiya			18	01	2	6	Ac	6.2	32	5	18
Giza			18	01	2	6	Ac	6.3	36	8	18
Helwan	140	18	15	02	2	7	As	5.9	33	-5	8
Fayoum	20	4	35	02	2	7	As	6.7	32	6	20
Minya (A)	00	0	8	02	2	5	Ci	7.4	35	6	16
Asyout (A)	00	0	30	01	1	5	Ac, Ci	7.3	38	0	9
Nag Hamadi	00	0	15	01	0	3	Ac	6.7	37	9	18
Qena	270	1	50	00	0	0	—	6.4	39		
Luxor (A)	240	5	30	02	1	2	C̄i	6.5	40	-1	8
Aswan	340	6	50	03	2	4	Ac	5.9	40	12	19
Siwa	270	12	10	03	3?	8	As	4.6	38		
Bahariya	130	3	35	02	2	4	Ac	7.9	35	5	15
Farafra											
Dakhla	00	0	35	02	1	7	Cu	7.2	38	0	9
Kharga	180	1	35	02	2	5	Ac	7.2	40	2	10
Suez	360	5	50	02	0	5	Sc	8.7	31	3	17
Tor	220	9	35	03	1	5	Ac	7.9	30	21	59
Hurghada	10	6	30	03	0	4	Ci	8.1	26	19	66
Quseir	20	5	15	01	1	0	—	7.8	27	17	55
Port Sudan	50	10	50	03	0	1	Cu	7.0	33	23	56
Wadi Halfa	360	7	30	02	0	1	Ac	4.7	41	-7	5
Abu Hamad	180	1	30	02	0	1	Cu		45	4	9
Kareima	50	4	30	03	0	1	Cu	1.6	45	2	7
Atbara	20	1	30	03	0	4	Cu	0.8	44	8	12
Khartoum	130	13	30	01	1	4	Cu, Ci	1.7	43	11	15
Kassala											
Wad Medani											
Renk											
Roseires											
El Obeid	270	2	30	03	1	6	Cu	1.0	39	19	32
El Fasher	90	5	30	03	2	8	Cu, Cs		40	8	14
Geneina	40	1	13	05	2	6	Ci		38	2	11
Malakal	180	12	30	01	2	7	Sc, Cu	8.1	28	20	62
Wau	180	8	30	03	2	7	Cu, Ci	4.8	35	21	44
Juba	360	3	50	03	2	8	Cb, Cs	7.5	32	22	56

At 1800 on Saturday 9th

Station	Wind Direction	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloum	290	24	15	07	3	0	—	5.5	20	15	37	+10	73	0
Sidi Barrani	300	16	14	02	0	0	—	4.5	18	15	36		83	0
Matruh (A)	280	25	08	35	3	0	—	3.2	22	11	36		50	0
El Daba'a	290	11	7	00	c	0	—	2.9	28	0	35		16	0
Alexandria	130	10	35	00	0	0	—	3.6	29	7	30	+4	25	0
Alexandria (A)	90	11	12	01	3?	0	—	3.3	24	14	29	+3	54	0
Damietta	90	5		03	2	7	As	6.6	21	16	24?	-2	74	0
Port Said (A)	90	20	14	01	1	2	As	6.3	21	16	24?	-1	74	0
El Arish	30	12	10	03	2	8	As	7.7	22	14	26		61	0
Damanhur	360	5	15	02	0	0	—	5.3	25	13	30	+1	47	0
Mansura	40	5		03	2	8	As	4.8	24	16	30	-1	61	0
Tanta	90	5	35	03	2	6	Ci	3.9	25	8	29	-2	34	0
Shebin el Kom	110	2	15	01	1	2	Ci	4.2	27	9	31		33	0
Zagazig	320	3	35	02	1	0	—	4.4	24	12	33	+2	47	0
Ismailia	180	2	35	03	2	8	As	5.8	30	8	33		25	0
Cairo (A)	200	30	10	03	3	8	Ac	5.7	32	5	35		18	0
Cairo Almaza (A)	170	26	10	02	2	8	As	5.4	32	11	36	+3	28	0
Cairo Ezbekiya			10	03	2	8	Ac	4.8	31	7	36	+4	22	dr.
Giza			10	03	2	8	Ac	4.8	30	6	36	+4	22	dr.
Helwan	160	22	7	30	3	6	As	5.5	32	2	35	+3	15	0
Fayoum	00	0	35	01	2	4	As	6.8	29	9	35	+2	29	0
Minya (A)	360	1	8	02	2	5	Ci	5.9	27	11	36	+1	37	0
Asyout (A)	00	0	14	01	1	3	Ac, Ci	6.7	32	-6	39	+3	8	0
Nag Hamadi	00	0	7	01	0	4	Ac	7.2	30	11	39	+3	31	0
Qena	00	0	7	03	1	2	Ci	8.4	31		40	+2		0
Luxor (A)	330	5	12	01	2	2	Ci	7.1	34	3	42		14	0
Aswan	00	0	50	00	0	0	—	5.9	36	10	41	+3	20	0
Siwa	280	8	7	01	2	0	—	6.3	32		38	+5		0
Bahariya	130	4	15	02	2	3	Ac	7.2	32	2	38	+4	15	0
Farafra	340	14	15	01	1	6	Ac, Ci	6.0	35	1	42		12	0
Dakhla	150	4	35	01	1	3	Cu	5.5	34	-2	41	+4	10	0
Kharga	00	0	15	02	2	4	Ac	6.0	30	11	40	+3	31	0
Suez	60	2	15	01	0	0	—	7.0	30	5	33	+1	21	0
Tor	40	9	15	03	2	7	Ac	6.8	24	19	30	0	74	0
Hurghada	150	1	12	02	0	4	Ac, Ci	6.9	26	12	30	+2	42	0
Quseir	20	2	15	03	1	3	Ci	9.2	26	18	28	-2	62	0
Port Sudan														
Wadi Halfa											42			
Abu Hamad											45			
Kareima														
Atbara											45			
Khartoum											44			
Kassala														
Wad Medani											42			
Renk														
Roseires														
El Obeid											40			
El Fasher														
Geneina														
Malakal											30			
Wau											36			
Juba											33			

At 0600 on Sunday 10th May, 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
Mediterranean	62300	Salloum	320	19	15	00	0	0	—	11.8	-1.2	18	13	15	-1	73	0	37	
	309	Sidi Barrani	310	12	13	02	0	1	Ac	11.5		18	13	16		73	0	109	
	306	Matruh (A)	300	15	15	00	0	0	—	11.2	-2.8	19	14	15		73	0	52	
	308	El Daba'a	320	12	15	01	1	3	Cu	10.7		19	16	17		83	0	95	
		Alexandria	310	22	50	03	1	6	Sc	10.6	-3.4	19	14	18	+1	73	0	125	185
	318	Alexandria (A)	320	16	18	01	2	6	Sc	10.1	-3.8	19	15	18	+2	78	0	122	138
	330	Damietta	270	19		00	0	0	—	9.1	-4.5	21	18	19	+2	83	0	56	104
	333	Port Said (A)	280	20	5	02	0	0	—	9.0	-4.5	22	15	20	+1	65	0	61	
	336	El Arish																	
Lower Egypt	339	Damanhur	360	13	15	02	1	1	Cu	10.6	-3.2	21	14	17	+2	65	0	43	100
	342	Mansura	20	9	15	00	1	0	—	10.0	-3.7	21	16	19	+4	74	0	48	53
	348	Tanta	220	8	35	02	0	0	—	10.4	-3.6	21	16	18	+4	74	0	18	42
	350	Shebin el Kom	220	13	15	00	0	0	—	10.2	-3.8	20	15	17		73	0		
	354	Zagazig	00	0	35	02	0	0	—	9.9	-4.1	23	10?	19	+5	44	0	29	26
	441	Ismailia	290	9	35	01	0	0	—	9.3		24	12	18		47	0	32	
Cairo Area	366	Cairo (A)	320	8	8	05	0	0	—	10.5		21	14	20		65	0	7	
	372	Cairo Almaza (A)	320	9	12	00	0	0	—	10.6	-3.0	21	17	20	+3	78	0	8	
		Cairo Ezbekiya	340	3	4	05	0	0	—	10.4	-3.0	22		20	+4	69	dr.	15	25
		Giza	340	3	4	05	0	0	—	10.9	-2.5	21	15	19	+5	69	dr.	43	25
	378	Helwan	320	11	7	06	0	0	—	11.7	-2.1	21	12	20	+3	57	0	3	28
Upper Egypt	381	Fayoum	360	6	35	02	2	8	Ns	10.8	-2.3	24	12	20	+4	47	0	14	8
	387	Minya (A)	360	12	8	03	1	5	Ci	9.9	-3.7	26	9	17	+1	35	0	1	
	393	Asyout (A)	320	10	12	02	1	3	Ac, Ci	9.3	-3.0	29	-3	21	+2	12	0	2	
	399	Nag Hamadi	00	0	7	02	0	8	Ac, Ci	9.3	-2.1	27	13	20	+2	42	0	0.3	
	402	Qena	00	0	15	03	1	3	Ci	8.6	-2.2	32		20	0		0	2	
	405	Luxor (A)	00	0	30	03	0	1	Ci	9.0	-2.0	30	3	21		18	0	1	
	414	Aswan	00	0	50	00	0	0	—	8.3	-2.6	31	7	25	+2	22	0	2	
Oases	417	Siwa	330	5	11	00	0	0	—	14.3	-0.3	18	11	15	0	64	0	2	8
	420	Bahariya	360	1	35	02	2	4	Ac	12.3	-1.3	23	10	20	+4	44	0	dr.	7
	423	Farafra	340	20	15	02	1	8	Ac, Cs	13.4		26	7	22		30	0	1	
	432	Dakhla	340	15	35	03	1	4	Cu	9.0	-3.4	30	1	22	+4	16	0	0	
	435	Kharga	00	0	15	03	2	6	Sc, Cu	8.7	-2.8	30	5	23	+3	21	0	dr.	
Red Sea	460	Suez	360	13	35	00	0	5	Sc	9.9	-3.0	26	7			30	0	45	16
	469	Tor	40	2	35	02	1	0	—	9.5	-1.4	27	20	20	0	66	0	Rain	13
	462	Hurghada	00	0	18	02	0	3	Ci	9.0	-1.9	29	16	20	0	46	0	7	
	465	Quseir	330	2	15	02	0	0	—	9.0	-1.9	27	19	22	-1	62	0	12	4
	641	Port Sudan	320	1	50	02	0	0	—	9.2		31	17			43	0		
North Sudan	600	Wadi Halfa	00	0	30	02	0	1	Ac	7.7		30	2	24		17	0		
	640	Abu Hamad	70	4	30	03	1	5	Ac			34	-1	26		11	0		
	660	Kareima	30	3	30	02	0	1	Ac	6.8		33	4	24		15	0		
	680	Atbara	250	3	10	05	0	0	—	5.4		35	16	30		32	0		
	721	Khartoum	290	5	30	02	2	7	Cs	6.1		31	19	23		49	8		
	730	Kassala																	
Central Sudan	751	Wad Medani	230	9	35	02	0	8	Ac	7.8		30	21	21		59	0		
	801	Renk																	
	802	Roseires																	
	771	El Obeid	270	13	30	01	2	4	Sc, Cs	8.0		27	19	24		62	dr.		
	760	El Fasher																	
	770	Geneina																	
S. Sudan	840	Malakal	180	5	30	01	2	8	Ac, Cs	10.5		25	20	21		74	4		
	880	Wau	180	1	30	02	0	7	Ac, Ci	9.7		23	21	20		89	22		
	941	Juba	310	3	50	02	2	7	Cb, Cs	11.4		26	23	22		84	0		

RETARDS — DATE

? = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. A.P.		P. Said		El Arish		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla		Kharga		Hurghada	
DATE	9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5		9-5	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	150	13	80	11	120	34	210	2	210	3	200	3	340	8	290	37	260	9	180	3	350	8
600 m.	190	20	80	10	120	21	220	2	250	3	250	3	320	10	290		240	16	200	3	340	10
1000 m.	210	25	80	11	130	10	210	2	250	5	300	5	330	9	290		240	16	270	4	320	11
1500 m.			100	11	220	16	30	2	250	11	290	12	330	11	290		260	16	320	10	290	15
2100 m.			110	9	230	19											250	16			290	21
2400 m.			110	9	230	26											270	21			280	20
3000 m.			130	10	260	25											270	24			320	8
4000 m.					270	28																
5000 m.																						
6000 m.																						

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut		Luxor		W. Halfa		Abu Hamad		P. Sudan		Malakal	
DATE	10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	4		2		3		4		2		2		2	15	4		3		3		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	20	290	17	290	31	300	8	190	10	130	10	140	7	50	8			10	8		
600 m.	300	7	300	18	280	22	310	26	200	10	150	11	70	6	50	12	70	22	20	8	230	11
1000 m.	310	26	300	18			290	23	260	15	190	8	70	5	40	13	90	17	20	7	230	12
1500 m.	310	23					260	24	220	22	210	10	290	1	30	10	80	15	110	11	180	11
2100 m.									240	14			300	2	180	1						
2400 m.									240	32			320	2	270	1	50	16	130	11	110	15
3000 m.															280	4	20	9	130	8	110	22
4000 m.																			360	2		
5000 m.																			340	3	20	30
6000 m.															290	21	210	5	170	10	330	23

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		Helwan		Minya		Asyut		Luxor		Siwa		Baharia		Dakhla	
DATE	10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	8		8		8		8		7	30	8		8		8	15	8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	280	8	310	16	310	10	280	24	300	6	360	11	310	12	240	7			360	30	340	28
600 m.	320	23	310	17	340	13	280	24	320	9	330	20	300	19	170	7	340	14	360	43	330	31
1000 m.	310	27	310	22			280	24	290	17	310	11	280	18	160	6	350	21	360		320	22
1500 m.	320	28	300	24					270	23	220	19	230	18	220	6	340	20	40	9		
2100 m.											220	23	240	19	270	7	340	23	330	10		
2400 m.													240	17	280	9	340	20	350	28		
3000 m.													240	33	300	6	320	17				
4000 m.																	260	46				
5000 m.																	260	38				
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.					Khartum												
DATE	9-5-53					10-5-53												
TIME	1500					0500												
	ALT.	TEMP.	HUM.	WIND		ALT.	TEMP.	HUM.	WIND		ALT.	TEMP.	HUM.	WIND		ALT.	TEMP.	HUM.	WIND	
	m.	°C	%	DIR.	SPEED	m.	°C	%	DIR.	SPEED	m.	°C	%	DIR.	SPEED	m.	°C	%	DIR.	SPEED
SURFACE																				
1500 m.	70	30		110	4															
950 mb.							30		260	12										
900 mb.						996	32		310	6										
850 mb.	1504	22		210	7	1502	28		50	9										
800 mb.						2106	25		80	18										
700 mb.	3146	8		220	7	3255	14		100	14										
600 mb.						4535	4		120	12										
500 mb.	5824	-8		210	26	5986	-5		120	12										
400 mb.	7260	-18																		
300 mb.	9626	-30																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE MONDAY 11th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow. حالة الطقس المتوقعة من ظهر اليوم الى ظهر الغد

Cool in the Delta and east coast and hot elsewhere. تكون باردة بالوجه البحرى والساحل الشرقى لليوم الدلتا وحار فى الجهات الاخرى

Temperature will rise tomorrow with some high cloud, ويرتفع الحرارة غدا مع بعض السحب العالية

and winds mainly moderate north east والرياح تكون شمالية شرقية معتدلة فى الغالب. بحر السحاب

Printed by the Survey of Egypt 1952 (52/334)

F.G.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 05 U.T. / Sunset 16 38 U.T.

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

At 1200 on Sunday 10th

WIND Direction Deg.	WIND Velocity in 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 %
330	10	18	02	0	0	—	13.9	22	11	50
310	11	14	62	0	0	—	13.6	21	14	65
320	8	35	00	0	0	—	13.7	21	12	57
310	22	50	00	0	0	—	13.8	21	14	65
310	16	18	01	2	0	—	13.8	22	16	69
340	19	35	00	0	0	—	13.1	22	17	74
330	18	7	02	0	0	—	12.3	24	17	65
270	12	6	01	0	0	—	11.2	24	18	69
360	9	15	02	0	0	—	13.3	27	13	42
360	5	35	00	0	0	—	13.0	27	11	37
310	5	35	02	0	0	—	13.2	28	10	33
320	13	35	00	0	0	—	12.8	29	9	29
00	0	50	02	0	0	—	13.2	30	15	40
290	5	35	01	0	0	—	12.8	30	8	25
290	12	12	00	0	0	—	12.8	29	6	23
350	8	30	03	0	2	Ci	12.1	29	6	23
320	3	18	00	0	0	—	12.4	29	11	33
320	3	18	00	0	0	—	12.4	29	8	27
290	15	35	01	1	0	—	12.4	28	7	27
360	6	35	01	1	3	Ci	11.9	31	3	17
330	10	8	02	2	8	Cs	11.2	32	5	18
320		6	03	2	8	Ac	10.7	33	4	16
320	2	15	02	1	6	Ac,Cs	9.4	37	9	18
270	1	50	02	1	4	Ci	7.6	41		
290	4	30	01	2	5	Ac,Ci	7.0	42	1	8
290	2	50	03	2	3	Ac	5.5	42	10	15
300	2	14	00	0	0	—	15.0	31	2	16
360	2	35	02	2	2	Ac	11.5	31	3	17
200	17	35	03	1	7	Cs	11.4	30	2	17
340	26	1.5	32	3	6	Cu	9.5	36	4	13
360	4	7	02	2	8	St	8.4	39	3	11
310	12	50	02	0	5	Sc	11.1	33	4	16
220	9	35	03	1	6	As	10.3	29	22	66
80	4	30	02	1	4	Ac	8.7	30	21	59
90	2	15	03	1	4	Ac	8.0	29	22	66
40	11	50	02	0	1	Cu	7.4	33	26	66
10	3	30	03	0	4	Cu,Ac	2.0	45	8	11
110	5	10	05	1	4	Cu,Ci	1.2	43	6	11
230	8	30	03	2	8	Cb,Cs	2.6	40	16	24
130	9	35	02	2	8	Ci	3.4	37	17	31
220	11	30	01	2	8	Sc,Cu	4.7	36	18	35
50	6	30	01	2	4	Ac,Ci		39	5	12
270	5	30	03	2	7	Cu		34	15	32
180	10	30	03	1	3	Cu,Ac	5.0	37	17	31
140	4	30	02	1	3	Cu,Ci	5.3	34	19	41
220	2	50	01	2	6	Cb,Cs	5.5	33	23	56

At 1800 on Sunday 10th

WIND Direction Deg.	WIND Velocity in 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.
90	9	15	00	0	0	—	14.6	19	14	25	-2	73	0
300	3	13	02	0	0	—	14.6	18	14	22		78	0
00	0	11	02	0	0	—	14.8	18	15	22		83	0
00	0	7	00	0	0	—	16.1	17	15	23		88	0
340	11		00	0	0	—	16.4	18	15	26	0	83	0
340	8	12	02	1	2	Sc	16.4	18	15	23	3	83	0
320	5	7	02	0	0	—	16.2	19	17	23	-3	88	0
320	12	8	02	0	1	Sc	15.7	20	17	26	+1	83	0
360	6	10	03	1	4	Cb	14.5	20	16	27	+1	78	0
360	9	15	02	0	0	—	15.5	18	15	28	-2	83	0
340	5		00	0	0	—	15.4	20	13	28	-3	64	0
270	2	35	02	0	0	—	15.0	20	13	29	-3	64	0
320	3	10	00	0	0	—	15.1	21	10	30		50	0
360	5	35	02	0	0	—	14.7	21	14	31	-1	65	0
340	5	12	00	0	0	—	14.9	24	11	30		44	0
350	5	14	00	0	0	—	14.7	24	9	30	-3	38	0
360	5	10	00	0	0	—	14.7	24	13	31	-1	50	0
360	5	10	00	0	0	—	15.1	23	10	30	-2	44	0
320	15	15	02	0	0	—	14.7	24	9	30	-2	38	0
360	4	35	01	1	2	Ci	14.0	25	8	38	-1	34	0
330	3	8	01	2	2		13.0	22	10	33	-2	47	0
00	0	8	01	1	1	Ac	12.1	27	6	34	-2	27	0
70	2	7	01	0	4	AC	10.3	27	11	39	+3	37	0
00	0	7	01	0	4	Ci	10.0	33	17	42	+4	28	0
00	0	7	02	1	4	Ci	7.6	41		00	0	7	0
40	5	12	02	2	7	AC,Ci	7.0	42	1	8		15	0
360	11	7	35	3	0	—	9.5	38	8	44	+5	16	0
20	3	8	03	0	1	Ci	14.4	26	2	32	-1	21	0
360	1	5	02	2	0	—	14.0	25	5	33	-1	28	0
360	15	35	00	0	0	—	11.0	31	7	37	0	22	0
40	6	15	00	2	0	—	10.8	33	0			12	0
310	13	15	01	0	0	—	15.2	22	11	34	+2	50	0
190	6	12	02	8	6	AC	10.7	32	20	34	+6	49	dr.
360	5	15	01	1	3	AC	9.9	27	19	31	+1	62	0

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOUM
	909	SIDI BARRANI
	905	MATRUH (A)
	909	EL DABAA
		ALEXANDRIA
	915	ALEXANDRIA (A)
	930	DAMIETTA
	933	PORT SAID (A)
	936	EL ARISH
LOWER EGYPT	939	DAMANHUR
	942	MANSURA
	948	TANTA
	960	BILBEIS EL KOM
	954	ZAGAZIG
	941	ISMAILIA
CAIRO AREA	968	CAIRO (A)
	972	CAIRO ALMAZA (A)
		CAIRO EZBEKIYA
		GIZA
	978	HELWAN
UPPER EGYPT	361	FAYOUM
	987	MINYA (A)
	993	ASYOUT (A)
	999	NAG HAMADI
	402	QENA
	406	LUXOR (A)
	414	ASWAN
CASES	+37	SIWA
	450	BAHARIYA
	458	FARAFRA
	432	DAKHLA
	438	KHARGA
RED SEA	480	SUEZ
	456	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WADI HALFA
	640	ABU HAMED
	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
	841	JUBA

At 0600 on Monday 11th May, 1953

WIND Direction Deg.	WIND Velocity in 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
200	24	15	07	0	1	Ci	14.6	+1.6	21	6	17	+1	38	0	37	
190	15	6	05	0	2	Ci	15.1		22	1	14		25	0	109	
180	10	12	02	0	0	—	15.9	+1.9	23	1	14		24	0	52	
200	3	15	01	1	1	Cu	16.1		22	3	12		29	0	95	
170	10	25	03	4	2	Ci	17.4	+2.4	20	15	15	-2	73	0	125	185
180	6	18	02	1	3	Ci	17.3	+3.5	19	16	11	-5	83	0	122	138
200	2	7	03	1	3	AC	17.5	+4.0	18	16	13	-4	88	0	56	104
200	9	8	0.1	0	1	Ci	17.6	+4.2	21	16	16	-3	74	0	61	
100	2	30	0.3	1	4	Sc,Cu	16.4	+2.9	22	14	16		61	0	46	
360	9	15	02	0	0	—	17.1	+3.3	20	15	14	-1	73	0	43	100
140	8	15	00	0	0	—	17.4	+3.7	20	15	13	-2	73	0	48	53
00	0	35	01	1	2	Ci	17.3	+3.3	20	15	12	-2	73	0	18	42
220	5	15	00	0	1	Ci	17.8	+3.8	20	15	13		73	0		
00	0	35	02	0	0	—	17.1	+3.2	21	14	12	-2	65	0	29	26
140	2	25	01	1	3	Ac	17.4		21	16	14		74	0	32	
00	0	12	02	1	2	Ac,Ci	16.8		20	14	15		69	0	7	
50	2	15	01	0	0	—	17.1	+3.6	20	12	15	-3	60	0	8	
360	5	12	00	0	0	—	16.7	+3.3	21	13	17	+1	61	0	15	25
360	5	12	00	0	0	—	17.1	+3.7	20	13	13	-1	64	0	43	25
320	13	3	05	0	1	Ci	17.2	+4.0	20	11	15	-2	56	0	3	28
360	4	35	02	0	1	Ci	17.4	+4.4	21	14	15	-1	65	0	14	8
340	5	8	02	0	0	—	16.3	+2.8	24	12	15	-1	47	0	1	
320	6	10	02	0	0	—	15.9	+3.6	23	9	18	-1	41	0	2	
00	0	7	01	0	3	Ac	13.8	+2.5	26	14	19	+1	48	0	0.3	
270	1	35	00	0	0	—	13.0	+2.2	30	17	22	+2	46	0	2	
00	0	30	02	0	0	—	12.6	+1.7	30	9	23		27	0	1	
360	10	15	31	3	0	—	11.8	+1.0	31	15	27	+4	38	0	2	
00	0	14	03	1	5	Ac,Cs	18.2	+3.7	23	9	16	+1	41	0	2	8
00	0	35	02	0	0	—	17.1	+2.6	24	6	16	0	32	0	dr.	7
50	1	35	00	0	0	—	17.8		24	-5	15		15	0	1	
20	15	35	00	0	0	—	14.3	+1.9	28	4	22	+3	22	0	9	
10	8	5	06	0	0	—	13.1	+1.6	26	4	23	+3	25	0	dr.	
360	5	35	00	0	2	Cu	17.5	+4.6	20	15			73	0	45	17
310	13	35	02	1	0	—	12.8	+2.9	24	18	22	+2	69	0	Rain	13
320	24	8	05	0	1	Ci	13.0	+2.1	25	14	24	+4	51	dr.	7	
360	19	15	02	0	0	—	12.4	+1.5	27	16	25	+2	52	0	12	4
360	7	18	05	0	0	—	9.1		32	7	27		21	0		
90	4	18	01	2	7	Ac,Cs			25	3	23		13	0		
80	8	18	01	2	3	Ac,Cs	6.2		30	8	29		25	0		
70	4	30	01	2	5	Ci	7.1		35	7	29		18	0		
180	21	4	07	2	7	AC	8.0		33	18	29		47	0		
360	8	30	03	0	6	Ac				16	26			0		
210	6	50	01	2	2	Ci			31	15	27		28	0		
220	3	30	03	0	3	Ac,Ci			27	14	23		45	0		
220	4	30	03	2	7	St,Ac	9.5		29	21	25		62	0		
00	0	30	02	0	0	—	8.8		27	23	25		79	0		
180	2	30	02	0	1	Ac	9.5		28	23	20		74	0		

RETARDS

DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut B		Aswan		Siwa		Dakhla	
DATE	10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5		10-5	
TIME	14		14		14		14		14		15		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	10	330	13	300	9	310	23	300	22	320	10	360	16	330	10	340	17	360	13	360	23
600 m.	310	16	340	15	320	12	320	23	280	23	320	5	340	11	330	8	340	17	360	10	350	38
1000 m.	290	17	300	18	300	17	310	31	270	26	300	13	340	9	330	8	340	19	360	14	340	38
1500 m.	310	24			300	13	300	16	270	27	310	5	290	13	220	15			360	15		
2100 m.	290	37			280	18	300	16											360	16		
2400 m.							300	29											340	21		
3000 m.							280	21											290	25		
4000 m.																			270	34		
5000 m.																			260	40		
6000 m.																			260	49		

STATION	Matruh		P. Said		El Arish		Asyut		W. Halfa		Abu Hamad		El Obeid		Geneina		El Fasher		Malakal		Juba	
DATE	11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	4		2		3		2		4		4		4		4		4		4		4	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	9	90	4	290	4	10	12	80	15												
600 m.	170	4	320	2	300	4	10	33	60	34	80	11							180	19	310	6
1000 m.	260	9	330	16	350	13	10	23	70	23	100	11	220	17	230	5	200	9	190	21	10	5
1500 m.	300	21	330	31	330	10	360	24	70	7	110	11	310	1	170	9	200	9	180	15	110	13
2100 m.	310	21	330	19	330	21					110	10	50	19	130	7						
2400 m.	310	20	310	18					20	5	100	10			70	7	70	9	330	4	120	19
3000 m.	310	22	280	16	260	20			320	7	80	10			70	25	70	21	360	11	110	27
4000 m					270	26															80	30
5000 m.									290	11							80	15				
6000 m.									280	25	190	8					110	16				

STATION	S. Barani		Matruh		P. Said		El Arish		Almaza		Helwan		Minya		Asyut		Siwa		Bahariya		Dakhla	
DATE	11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	8		8		8		8		8		8		8		9		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.	230	22	190	9	220	9	140	4	40	11	20	10	10	17	10	10	150	18	30	18	40	19
600 m.	230	14	210	10	220	1	210	3	50	21	40	6	20	25	10	20	140	23	30	26	40	13
1000 m.	250	21	250	15	200	3	350	4	20	14	20	26	20	47	360	23	130	10	30	32	40	10
1500 m.	260	18			290	5	340	16	360	28	360	36	30	33	340	14	10	5	40	26		
2100 m.									350	29	360	44					40	8	40	38		
2400 m.											360	53					70	11				
3000 m.																	60	9				
4000 m.																	250	13				
5000 m.																	260	21				
6000 m.																	270	50				

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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE TUESDAY 12th MAY 1953

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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow

The prevailing heat wave will continue apart from the eastern part of the coast.

Clear sky with moderate northeast winds.

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر الغد

يستمر الجو حارا نسبيا على بقية أنحاء الجمهورية

السماء صحو معتدل والرياح شمالية شرقية معتدلة.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 04 U.T. / Sunset 16 39 U.T.

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

At 1200 on Monday 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	250	9	35	00	0	0	—	14.3	35	9	20
	303	SÎDI BARRÂNI	360	8	18	02	0	0	—	14.5	30	6	22
	306	MATRÛH (A)	20	6	18	02	0	0	—	14.9	30	5	21
	309	EL DAB'AA	40	8	35	00	0	0	—	15.7	27	6	27
		ALEXANDRIA	360	14	50	01	2	1	Ci	17.5	22	15	65
	318	ALEXANDRIA (A)	360	8	18	02	1	3	AC,Cc	17.5	25	14	51
	330	DAMIETTA	340	5	35	01	1	1	AC	17.2	24	14	54
	333	PORT SA'ÎD (A)	10	6	30	01	0	1	Ci	17.6	25	15	54
	336	EL 'ARÎSH											
Lower Egypt	339	DAMANHÛR	360	9	15	02	1	1	Ci	17.1	28	13	40
	342	MANSÛRA	20	5	35	00	0	0	—	16.4	31	10	28
	348	TANTA	00	0	35	01	1	3	Ci	17.0	29	9	29
	360	SHEBÎN EL KÔM	40	9	35	01	1	2	AC	16.7	30	8	25
	354	ZAGAZIG	220	1	50	02	0	0	—	16.3	31	15	38
	441	ISMAILÎA	40	2	35	02	1	3	AC	16.3	29	9	29
Cairo Area	366	CAIRO (A)	20	10	18	03	1	6	CS	16.4	30	9	27
	372	CAIRO ALMÂZA (A)	40	13	30	02	1	4	Ci	15.9	29	3	19
		CAIRO EZBEKÎYA			18	00	0	0	—	15.8	30	11	31
		GIZA			18	00	0	0	—	15.8	30	8	25
	378	HELWÂN	340	16	15	03	1	5	Ci	16.4	30	1	16
Upper Egypt	381	FAYOÛM	360	6	35	02	1	2	Ci	15.5	32	2	15
	387	MINYA (A)	360	16	8	02	0	0	—	13.5	32	5	18
	393	ASYOÛT (A)	360	15	30	02	0	0	—	12.3	35	-4	8
	398	NAG HAMÂDI	320	2	15	05	1	0	—	11.9	37	2	11
	402	QENA	270	1	50	00	0	0	—	10.4	39		
	405	LUXOR (A)	330	7	30	02	0	0	—	9.9	39	-2	8
	414	ASWÂN	00	0	50	00	0	0	—	7.6	42	13	18
Oases	417	SÎWA	260	2	14	03	0	5	Cs	16.4	34	5	16
	420	BAHARÎYA	40	3	25	02	0	0		15.1	33	8	21
	423	FARAFRA	70	23	15	03	1	6	Ci	15.6	35	5	15
	432	DAKHLA	360	19	15	32	3	0		13.5	34	3	14
	435	KHARGA	40	6	7	00	0	0	—	11.5	36	-7	6
Red Sea	450	SUEZ	360	6		02	0	2	AC	15.5	28	4	22
	459	TÔR	310	9	35	03	1	2	AC	13.2	27	16	52
	462	HURGHÂDA	340	24	18	02	0	0	—	11.4	27	13	42
	465	QUSEIR	360	13	15	02	0	0	—	11.0	28	19	58
	641	PORT SUDÂN	70	8	50	01	0	1	Ci	8.8	35	20	42
North Sudan	600	WÂDI HALFA	110	9	30	02	0	0	—	6.9	42	6	11
	640	ABU HAMED	00	0	30	01	2	3	Cu,As		45	2	7
	660	KAREIMA	40	8	30	03	1	2	Cu,AC	2.3	45	10	13
	680	ATBARA	130	4	30	03	1	1	Cu	2.4	45	8	11
	721	KHARTOÛM	360	3	15	05	2	4	Cu,Ci	3.2	41	16	23
	730	KASSALA	180	14	30	13	1	5	Cu	2.2	43	14	18
Central Sudan	751	WÂD MEDANI	130	9	35	02	1	5	Cu	3.2	41	15	2.2
	801	RENK											
	902	ROSEIRES											
	771	EL OBEID	140	1	30	02	2	7	Cu,Cs	3.4	38	17	29
	760	EL FASHER	50	3	50	25	8	6	Cu		39	12	20
	770	GENEINA	70	7	30	03	1	4	Cb		39	10	17
S. Sûdân	840	MALAKÂL	180	8	30	02	6	8	AS	6.6	36	19	37
	880	WÂU	140	5	30	03	0	8	Cu	4.7	36	19	37
	941	JUBA	90	6	50	03	1	5	Cu,Ci	5.7	35	16	32

At 1800 on Monday 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	320	5	15	00	0	0	—	15.0	24	18	37	+10	69	0
303	SÎDI BARRÂNI	100	6	14	02	0	0	—	15.2	24	7	32		34	0
306	MATRÛH (A)	100	5	15	00	0	0	—	15.5	22	13	33		57	0
309	EL DAB'AA	110	2	1	00	0	0	—	17.1	21	10	30		50	0
	ALEXANDRIA	130	11	35	00	0	0	—	11.9	21	10	25	-1	50	0
318	ALEXANDRIA (A)	80	6	12	02	0	0	—	11.4	20	15	27	+1	73	0
330	DAMIETTA	20	2	7	00	1	0	—	18.0	20	15	25	-1	73	0
333	PORT SA'ÎD (A)	30	10	14	02	0	0	—	18.0	20	16	26	+1	78	0
336	EL 'ARÎSH	360	4	14	01	1	0	—	17.4	19	15	27		78	0
339	DAMANHÛR	40	9	15	02	0	0	—	18.2	21	10	28	-2	50	0
342	MANSÛRA	40	5		00	0	8	—	18.0	21	12	32	+1	57	0
348	TANTA	00	0	35	03	2	5	Ci	17.8	22	9	31	-1	44	0
360	SHEBÎN EL KÔM	40	9	15	00	0	0	—	18.0	22	9	31		44	0
354	ZAGAZIG	40	2	35	02	0	0	—	17.4	22	13	32	0	57	0
441	ISMAILÎA	20	5	35	02	0	0	—	17.2	22	11	30		50	0
366	CAIRO (A)	90	17	12	00	0	0	—	16.7	24	9	31		38	0
372	CAIRO ALMÂZA (A)	50	18	14	00	0	0	—	16.9	25	9	30	-3	36	0
	CAIRO EZBEKÎYA			10	00	0	0	—	16.9	25	13	31	-1	47	0
	GIZA			10	00	0	0	—	17.2	25	10	31	-1	39	0
378	HELWÂN	20	16	15	02	0	1	Ci	16.8	25	8	31	-1	34	0
381	FAYOÛM	00	0	35	02	1	2	Ci	16.0	26	10	33	-1	37	0
387	MINYA (A)	360	8	8	02	1	0	—	13.7	25	10	33	-2	39	0
393	ASYOÛT (A)	360	9	12	01	1	1	Ci	13.0	28	2	36	0	19	0
398	NAG HAMÂDI	00	0	7	00	0	0	—	11.6	27	13	39	+3	42	0
402	QENA	270	2	7	00	0	0	—	12.0	32	11	40	+2	28	0
405	LUXOR (A)	300	7	12	01	0	2	Ci	10.5	32	-4	40		10	0
414	ASWÂN	340	6	15	00	0	0	—	8.1	39	13	43	+4	21	0
417	SÎWA	110	2	8	01	2	4	CS	16.0	29	2	35	+1	18	0
420	BAHARÎYA	20	1	15	02	0	0	—	16.2	27	9	34	0	33	0
423	FARAFRA														
432	DAKHLA	20	15	30	00	0	0	—	13.2	30	5	35	-2	21	0
435	KHARGA	360	4	15	00	0	0	—	11.6	32	-3	36	-2	10	0
450	SUEZ	360	6	15	01	0	0	—	15.8	24	6	30	-2	32	0
459	TÔR	310	9	15	02	1	0	—	13.6	25	15	29	-2	54	0
462	HURGHÂDA	300	13	12	01	0	0	—	11.8	27		27	-2		0
465	QUSEIR	330	9	15	02	0	0	—	11.2	24	18	29	-2	69	0
641	PORT SUDÂN											35			
600	WÂDI HALFA														
640	ABU HAMED														
660	KAREIMA											46			
680	ATBARA											45			
721	KHARTOÛM														
730	KASSALA											44			
751	WÂD MEDANI														
801	RENK														
902	ROSEIRES														
771	EL OBEID														
760	EL FASHER														
770	GENEINA														
840	MALAKÂL											38			
880	WÂU														
941	JUBA														

At 0600 on Tuesday 12th May 1953

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	200	24	15	00	0	0	—	12.7	-0.3	27	-2	23	-7	15	0	37	
303	SÎDI BARRÂNI	190	16	6	05	0	0	—	12.9		28	0	20		16	0	109	
306	MATRÛH (A)	190	19	12	07	0	1	Ci	13.8	-0.2	27	1	15		19	0	52	
309	EL DAB'AA	160	6	15	00	0	0	—	14.4		25	5	15		28	0	95	
	ALEXANDRIA	40	10	50	00	0	0	—	15.9	+1.9	23	5	18	+1	32	0	125	185
318	ALEXANDRIA (A)	220	5	18	02	0	0	—	15.8	+2.0	22	9	16	0	44	0	122	138
330	DAMIETTA	160	5	15	00	0	0	—	16.0	+2.5	23	10	15	-2	44	0	56	104
333	PORT SA'ÎD (A)	170	5	18	02	0	0	—	16.1	+2.7	22	11	18	-1	50	0	61	
336	EL 'ARÎSH	150	2	30	02	0	0	—	16.2	+2.7	22	10	13		47	0	46	
339	DAMANHÛR	230	4	15	02	0	0	—	16.0	+2.2	22	11	16	+1	50	0	43	100
342	MANSÛRA	180	3	15	00	0	0	—	15.9	+2.2	23	10	15	0	44	0	48	55
348	TANTA	220	2	35	02	0	0	—	16.1	+2.1	23	8	16	+1	35	0	18	42
360	SHEBÎN EL KÔM	110	2	15	00	0	0	—	16.2	+2.3	22	9	16		44	0		
354	ZAGAZIG	00	0	35	02	0	0	—	15.6	+1.7	24	9	16	+1	38	0	29	26
441	ISMAILÎA	140	2	35	01	0	0	—	15.8		23	12	15		50	0	32	
366	CAIRO (A)	120	8	14	02	1	1	Ci	14.8		28	8	19		29	0	7	
372	CAIRO ALMÂZA (A)	360	8	6	05	0	0	—	15.0	+1.6	24	9	20	+2	38	0	8	
	CAIRO EZBEKÎYA	00	0	10	00	0	0	—	14.8	+1.5	26	10	17	0	37	0	15	25
	GIZA	00	0	10	00	0	0	—	15.2	+1.9	25	8	13	-1	34	0	43	25
378	HELWÂN	00	0	7	05	0	1	Ci	15.4	+2.3	22	6	18	+1	36	0	3	28
381	FAYOÛM	00	0	35	02	0	1	Ci	15.8	+2.8	25	11	15	-2	42	0	14	8
387	MINYA (A)	350	2	8	02	1	1	Ci	14.8	+1.4	24	10	13	-3	41	0	1	
393	ASYOÛT (A)	280	4	12	01	1	1	Ci	14.7	+2.5	23	4	18	-1	29	0	2	
398	NAG HAMÂDI	320	1		02	1	6	AC,Cs	13.8	+2.5	25	11	20	+2	42	0	0.3	
402	QENA	270	1	35	03	1	2	Ci	12.8	+2.1	29	16	19	-1	46	0	2	
405	LUXOR (A)	70	4	30	02	0	2	Ci	12.1	+1.2	27	2	20		20	0	1	
414	ASWÂN	340	10	15	00	0	0	—	11.8	+1.0	28	7	25	+2	27	0	2	
417	SÎWA	80	4	14	03	0	3	AC,Cs	15.5	+1.0	24	4	19	+3	28	0	2	6
420	BAHARÎYA	00	0	35	02	1	2	AC	14.7	+1.2	26	10	17	+1	27	0	tr.	7
423	FARAFRA																1	
432	DAKHLA	20	15	35	00	0	0	—	14.3	+1.9	29	7	24	+5	29	0	0	
435	KHARGA	360	2	15	02	2	3	AC	13.0	+1.6	27	2	24	+3	20	0	tr.	
450	SUEZ	360	3	35	00	0	0	—	15.8	+3.0	28	8			29	0	45	17
459	TÔR	340	2	35	01	1	2	Ci	13.6	+2.8	26	16	21	+1	5[illegible]	0	Rain	13
462	HURGHÂDA	320	19	30	02	0	0	—	12.6	+1.8	24	10	20	0	41	0	7	
465	QUSEIR	360	13	15	02	0	3	Ci	11.4	+0.6	26	12	24	+1	42	0	12	4
641	PORT SUDÂN	330	2	30	02	0	0	—	9.8		31	24			66	0		
600	WÂDI HALFA																	
640	ABU HAMED																	
660	KAREIMA	60	8	30	02	0	1	AC	7.6		34	5	30		16	0		
680	ATBARA	70	2	35	01	2	1	Cu	6.9		34	5	29		16	0		
721	KHARTOÛM																	
730	KASSALA	130	5	30	02	0	3	Cs	5.3		35	10	30		22	0		
751	WÂD MEDANI																	
801	RENK																	
902	ROSEIRES																	
771	EL OBEID																	
760	EL FASHER	340	1	30	03	1	0	—			28	15			43	Rain		
770	GENEINA																	
840	MALAKÂL																	
880	WÂU	00	0	30	02	0	1	Ci	7.3		26	24	24		85	0		
941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Baram		Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut		Luxor		Aswan		Siwa		Dakhla	
DATE	11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5		11-5	
TIME	14		14		14		14		15		14		14		14 30		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	340	7	360	13	360	6	360	13	300	19	360	26	10	26	330	13	310	6	110	16	20	17
600 m.	300	9	10	19	20	5	10	13	300	11	360	27	10	25	290	7	310	6	110	18	20	21
1000 m.	270	10			30	7	20	11	310	13	10	23	10	23	330	12	310	6	120	13	20	18
1500 m.	260	11	300	9			40	7	320	23	350	35	360	21	320	12	310	8	100	10		
2100 m.	250	14	250	21			50	9	330	25					290	15			120	8		
2400 m.	260	16	260	11			50	9							290	17			120	5		
3000 m.	260	16	280	12			60	7							250	24			150	8		
4000 m.	270	9																	320	8		
5000 m.																			290	27		
6000 m.																						

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyut								S. Baram		Matruh	
DATE	12-5		12-5		12-5		12-5		12-5		12-5								12-5		12-5	
TIME	4		2		2		4		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.	220	22	190	6	170	10	50	9	20	24	20	16							240	7	220	11
600 m.	240	19	10	6	190	8	30	11	60	34	30	23							230	8	240	16
1000 m.	280	10	10	10	190	9	20	19	20	33	20	30							220	15	220	5
1500 m.	280	8			240	7	70	16			30	34									210	3
2100 m.	280	7																			280	5
2400 m.	330	11																			320	9
3000 m.																					350	10
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Alex. A.P.		P. Said		Almaza		Helwan		Minya		Farafra		Luxor		Siwa		Baharia		Kharga		Hurghada	
DATE	12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5	
TIME	8		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.	240	3	150	9	20	5	260	8	30	22	110	10	10	11	130	20	30	5	30	25	50	8
600 m.	320	4	140	9	30	8	340	4	40	21	110	11	350	4	140	21	50	5	30	30	360	3
1000 m.	30	4	60	2	30	10			20	24	110	10	350	9	150	33	60	7	30	28	330	10
1500 m.			350	14	20	19					80	21	30	16	140	14	60	11			320	11
2100 m.			350	14	360	29					80	26	330	16	200	6	60	16				
2400 m.			350	23							80	26	330	14	200	8	70	12				
3000 m.			340	32									300	6	340	21						
4000 m.															360	16						
5000 m.															330	19						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	11-5-53																			
TIME	1500																			
	ALT m.	TEMP °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.	141	30		360	12															
950 mb.																				
900 mb.																				
850 mb.	1552	14		360	16															
800 mb.																				
700 mb.	3158	6		360	28															
600 mb.																				
500 mb.	5845	-10		300	30															
400 mb.	7520	-24																		
300 mb.	9565	-37																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE WEDNESDAY 13th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow* منظر اليوم الى ظهر غد

The prevailing heat wave continues with variable winds تستمر الموجة الحارة السائدة مع رياح متغيرة الاتجاه

mainly northeasterly. Sky clear apart from patches أغلبها شمالية شرقية. السماء صافية

of high cloud in the north. تظهر بعض السحب العالية في الشمال.

Printed by the Survey of Egypt 1952 (52/334)

F.G

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 63 U.T.
Sunset 16 40 U.T.

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

At 1200 on Tuesday 12th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	220	13	35	03	1	6	Ci	11.9	36	-9	5
	[illegible]	SIDI BARRANI	300	10	15	02	0	4	Ci	11.8	34	6	18
	[illegible]	MATRUH (A)	10	6	14	02	0	0	—	12.5	33	6	19
	[illegible]	EL DAB'A	70	8	35	00	0	0	—	13.6	34	-2	10
	319	ALEXANDRIA	40	15	50	00	0	0	—	15.2	30	13	35
	[illegible]	ALEXANDRIA (A)	350	11	12	04	0	0	—	15.1	30	12	33
	[illegible]	DAMIETTA	40	5	35	02	0	0	—	16.0	26	12	42
	[illegible]	PORT SAID (A)	40	6	30	02	0	0	—	16.1	25	15	54
	[illegible]	EL ARISH	340	4	30	02	0	0	—	15.7	24	13	50
LOWER EGYPT	[illegible]	DAMANHOUR	360	9	15	02	0	0	—	14.7	32	13	31
	[illegible]	MANSURA	40	5	35	00	0	0	—	14.7	33	8	21
	[illegible]	TANTA											
	[illegible]	SHEBIN EL KOM	320	5	35	00	0	0	—	15.6	32	6	20
	[illegible]	ZAGAZIG	00	0	50	02	0	0	—	15.5	32	14	34
	[illegible]	ISMAILIA	290	2	35	02	0	0	—	14.7	31	7	22
CAIRO AREA	[illegible]	CAIRO (A)	70	10	18	00	0	0	—	15.3	32	9	24
	[illegible]	CAIRO ALMAZA (A)	40	10	30	02	1	1	Ci	14.4	32	6	20
	374	CAIRO EZBEKIA			18	00	0	0	—	14.9	33	8	21
	375	GIZA			18	00	0	0	—	14.6	33	8	21
	[illegible]	HELWAN	360	11	35	03	1	1	Ci	15.1	33	0	12
UPPER EGYPT	[illegible]	FAYOUM	360	6	35	02	1	2	As	14.0	34	3	14
	[illegible]	MINYA (A)	360	13	10	02	1	2	Ci	12.4	35	6	16
	[illegible]	ASSIUT (A)	360	10	30	02	1	1	Ci	11.4	37	0	10
	[illegible]	NAG HAMMADI	40	15	7	02	1	5	As. Cs	9.4	36	17	33
	[illegible]	QENA	270	1	50	02	1	2	Ci	9.3	37	15	27
	[illegible]	LUXOR	40	9	30	02	2	3	Ci	9.2	36	-1	10
	[illegible]	ASWAN	340	5	50	00	0	0	—	7.4	37	6	14
[illegible]	[illegible]	[illegible]	170	5	14	02	2	5	Ac,Cs	14.3	36	3	13
	[illegible]	[illegible]	40	2	35	02	1	2	AC	14.2	35	8	19
	[illegible]	[illegible]	90	16	35	03	1	2	Ci	14.7	35	-4	8
	[illegible]	[illegible]	80	26	7	32	3	0	—	11.2	35	1	12
	[illegible]	[illegible]	40	4	15	02	2	3	AC	10.3	36	-1	10
RED SEA	[illegible]	[illegible]	360	10	50	02	0	0	—	13.5	31	3	17
	[illegible]	[illegible]	310	9	35	02	0	0	—	11.8	30	19	52
	[illegible]	[illegible]	30	6	30	02	0	2	Ci	11.2	26	19	66
	[illegible]	QUSEIR	20	9	15	03	1	6	As	10.4	29	16	46
	[illegible]	PORT SUDAN	00	0	30	02	0	0	—	7.4	32	17	41
NORTHERN SUDAN	[illegible]	WADI HALFA	40	13	30	02	0	0	—	6.8	41	-7	5
	[illegible]	ABU HAMED	90	2	30	02	0	0	—		45	-1	6
	[illegible]	KAREIMA	20	5	30	02	0	0	—	2.4	45	1	7
	[illegible]	ATBARA	120	3	30	02	0	1	Cu	1.6	44	1	7
	721	KHARTOUM	50	10	30	03	1	5	Cu	1.0	44	8	12
	[illegible]	KASSALA											
CENTRAL SUDAN	[illegible]	WAD MEDANI	220	5	50	01	1	5	St	1.8	34	14	30
	801	[illegible]											
	[illegible]	[illegible]											
	[illegible]	EL OBEID	180	1	30	17	0	6	Cb	1.4	39	14	23
	780	EL FASHER	00	0	30	02	2	7	Sc,Cu		39	14	23
	770	GENEINA	110	4	30	02	2	8	Cu,Cs		38	10	18
SOUTHERN SUDAN	[illegible]	MALAKAL	180	2	30	01	0	1	Cu	4.3	27	17	55
	[illegible]	WAU											
	[illegible]	JUBA	00	0	50	03	1	0		3.4		16	

At 1800 on Tuesday 12th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOUM	220	5	15	03	2	8	As	11.0	33	0	37	+10	12	0
SIDI BARRANI	140	8	14	02	1	4	Ci	11.8	26	4			25	0
MATRUH (A)	120	6	14	02	0	0	—	12.3	26	7	36		35	0
EL DAB'A	140	5	7	01	1	1	Cu	13.0	25	8	35		34	0
ALEXANDRIA	130	9	35	00	0	0	—	15.0	24	12	31	+5	47	0
ALEXANDRIA (A)	70	6	12	02	0	0	—	14.4	22	14	34	+8	61	0
DAMIETTA	70	5	7	02	0	0	—	15.8	22	11	27	+1	50	0
PORT SAID (A)														
EL ARISH	40	2	14	02	0	0	—	15.4	19	14	28		73	0
DAMANHOUR	40	5	15	02	0	0	—	15.4	25	11	34	+4	42	0
MANSURA	40	3		00	0	0	—	15.2	24	12	33	+2	47	0
TANTA	00	0	35	02	0	0	—	15.1	26	12	34	+2	42	0
SHEBIN EL KOM	350	2	18	00	0	0	—	15.1	25	11	33		42	0
ZAGAZIG	00	0	35	02	0	0	—	14.7	25	13	34	+2	47	0
ISMAILIA	40	2	35	02	0	0	—	14.7	26	7	32		30	0
CAIRO (A)	90	11	12	00	1	0	—	15.0	28	11	34		35	0
CAIRO ALMAZA (A)	100	15	12	00	0	0	—	14.2	28	7	33	0	27	0
CAIRO EZBEKIA	70	4	10	00	0	0	—	14.8	28	10	33	+1	33	0
GIZA	70	4	10	00	0	0	—	14.3	28	5	33	+1	23	0
HELWAN	20	12	35	03	1	3	Ci	14.4	27	6	34	+2	27	0
FAYOUM	360	4	35	02	1	2	Ci	13.3	29	6	35	+1	23	0
MINYA (A)	350	4	8	02	1	2	Ci	12.0	25	11	35	0	42	0
ASSIUT (A)	30	5	10	00	1	0	—	11.7	30	2	38	+1	17	0
NAG HAMMADI	360	3		02	1	3	AC	11.5	32	2	38	+2	15	0
QENA	270	2	7	00	0	0	—	10.7	32		39	+1		0
LUXOR	70	9	12	02	2	5	Ac,Ci	10.0	31	-10	38		6	0
ASWAN	00	0	50	00	0	0	—	9.4	34	6	38	-1	18	0
[illegible]	00	0	8	01	2	0	—	12.6	29	4	37	+3	20	0
[illegible]	40	2	15	02	2	2	Cu	13.1	31	7	35	+1	22	0
[illegible]	00	0	15	01	1	1	Ci	13.8	28	0	36		16	0
[illegible]	360	9	35	00	0	0	—	11.2	31	-1	36	-1	12	0
[illegible]	00	0	15	01	2	2	Ac	10.7	32	2	37	-1	15	0
[illegible]	360	3	15	02	0	0	—	15.1	26	7	32	0	30	0
[illegible]	310	5	15	02	0	0	—	11.5	31	12	34	+3	31	0
[illegible]	340	13	12	01	0	0	—	10.7	26	13	28	-1	45	0
QUSEIR	360	2	15	02	1	6	AC	10.4	27	13	30	-1	42	0
PORT SUDAN														
WADI HALFA														
ABU HAMED														
KAREIMA											45			
ATBARA											45			
KHARTOUM											45			
KASSALA											45			
WAD MEDANI														
[illegible]														
[illegible]														
EL OBEID											42			
EL FASHER														
GENEINA											40			
MALAKAL														
WAU														
JUBA											37			

At 0600 on Wednesday 13th May, 1953

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.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOUM	320	5	15	02	h.	4	Sc,Cu	11.1	-1.9	28	10	23	+7	33	0	37	
SIDI BARRANI	190	8	15	02	2	7	Ac,Ci	11.9		27	2	21		20	0	109	
MATRUH (A)	190	12	30	01	1	4	Ac,Ci	11.8	-2.2	29	6	22		23	0	52	
EL DAB'A	180	5	15	01	1	2	Cu	11.9		28	13	19		40	0	95	
ALEXANDRIA	130	14	35	03	4	3	Ci	12.8	-1.2	25	5	21	+3	28	0	125	185
ALEXANDRIA (A)	190	7	18	03	0	2	Ci	12.6	-1.1	25	9	17	+1	36	0	122	138
DAMIETTA	160	5	7	00	0	0	—	13.4	-0.1	26	14	18	+1	48	0	56	104
PORT SAID (A)	160	10	12	02	0	0	—	13.7	+0.4	25	8	18	-2	34	0	61	
EL ARISH																	
DAMANHOUR	230	9	15	02	0	0	—	12.6	-1.2	28	10	19	+4	33	0	43	100
MANSURA	180	3	15	00	0	0	—	13.1	-0.5	26	10	16	0	37	0	48	53
TANTA	160	2	35	02	0	0	—	12.6	-1.4	28	7	19	+4	27	0	18	42
SHEBIN EL KOM	140	2	15	00	0	0	—	14.0	+0.1	26	10	19		37	0		
ZAGAZIG	00	0	35	02	0	0	—	13.8	0.0	27	11	19	+4	37	0	29	26
ISMAILIA	140	2	35	01	0	0	—	13.4		26	10	17		37	0	32	
CAIRO (A)	110	7	18	00	0	0	—	13.3		31	2	16		16	0	7	
CAIRO ALMAZA (A)	300	2	5	05	0	0	—	12.9	-0.5	28	10	23	+5	33	0	8	
CAIRO EZBEKIA	00	0	10	00	0	0	—	13.0	-0.3	28	8	20	+3	29	0	15	25
GIZA	00	0	10	00	0	0	—	13.0	-0.3	28	9	21	+7	31	0	43	25
HELWAN	00	0	15	02	0	0	—	13.3	+0.2	28	4	23	+6	22	0	3	28
FAYOUM	00	0	35	02	0	0	—	13.5	+0.5	28	0	17	0	16	0	14	8
MINYA (A)	00	0	8	02	0	0	—	13.6	+0.3	24	11	14	-3	44	0	1	
ASSIUT (A)	300	3	18	02	0	0	—	13.1	+0.9	26	4	20	0	25	0	2	
NAG HAMMADI	270	1	7	05	1	0	—	12.3	+1.1	26	10	20	+2	37	0	0.3	
QENA	00	0	35	00	0	0	—	11.9	+1.2	31		22	+2		0	2	
LUXOR	30	8	30	01	0	1	Ci	12.1	+1.3	29	-1	21		14	0	1	
ASWAN	340	3	50	01	1	2	Ci	10.8	+0.1	28	10	23	0	33	0	2	
[illegible]	00	0	14	00	0	0	—	12.2	-2.2	24	6	18	+2	32	0	2	8
[illegible]	90	1	35	02	0	0	—	14.2	+0.7	28	6	18	+1	25	0	dr.	7
[illegible]	00	0	35	00	0	0	—	15.1		26	2	18		21	0	1	
[illegible]	150	4	50	00	0	0	—	13.0	+0.7	29	6	22	+3	23	0	0	
[illegible]	360	1	15	02	2	2	Ci	12.0	+0.7	29	5	23	+2	22	0	dr.	
[illegible]	00	0	35	00	0	0	—	13.3	+0.6	26	10			37	0	45	12
[illegible]	310	9	35	02	0	0	—	10.8	0.0	26	10	20	0	37	0	Rain	13
[illegible]	330	10	18	03	0	3	Ci	11.1	+0.4	26	14	21	+1	48	0	7	
QUSEIR	360	9	15	03	1	4	As	10.2	-0.6	28	15	23	0	45	0	12	4
PORT SUDAN																	
WADI HALFA																	
ABU HAMED																	
KAREIMA	50	10	30	02	0	1	Ci	6.7		33	-2	29		10	0		
ATBARA	360	5	30	03	1	7	Cs	5.7		33	6	27		19	0		
KHARTOUM	50	9	15	05	0	1	Ac,Ci	4.8		35	0	29		11	0		
KASSALA	80	2	30	03	0	2	AC	3.2		38	11	32		19	0		
WAD MEDANI																	
[illegible]	180	9	35	02	0	5	AC			32	18	24		43	0		
[illegible]																	
EL OBEID	310	5	30	01	1	2	Ci	5.8			16	25			0.4		
EL FASHER																	
GENEINA	00	0	30	01	8	6	Cs			28	13	23		40	0.1		
MALAKAL																	
WAU																	
JUBA	180	10	30	01	1	4	Cu,AC	8.3		29	22	23		66	0		

REMARKS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla	
DATE	12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5		12-5	
TIME	14		14		14		14		14		15		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	270	9	110	9	10	4	50	9	30	9	60	16	10	21	30	21	330	12	140	7	40	27
600 m.	230	9	170	5	20	3	20	7	360	10	40	14	10	24	20	31	320	13	160	9	40	22
1000 m.	200	6	220	8	320	5	330	11	350	17	40	12	10	27	20	25	330	12	150	10	40	28
1500 m.	220	14	220	10	330	12	350	22	350	26	50	17	30	19	20	31			130	11		
2100 m.			210	16	320	10	340	26	350	31	20	17	350	10					100	12		
2400 m.			210	11	350	10			360	30	30	16	230	13					60	11		
3000 m.			220	11	300	5					350	18							50	4		
4000 m.			260	9	340	16													310	6		
5000 m.					280	11													290	21		
6000 m.																						

STATION	Kharga		Hurghada		Matruh		Almaza		W. Halfa		Abu Hamad		Khartum		Gerecina		Nataka's		Juba		S. Barani	
DATE	12-5		12-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	14		14		4		3		4		4		4		5		4		4		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	22	30	9	200	16	100	12	10	11											180	18
600 m.	30	29	340	11	240	15	70	10	60	15	30	23	60	16			280	13	190	17	180	16
1000 m.	40	29	350	12	240	15	30	7	50	27	50	24	60	31	150	2	220	10	190	19	190	18
1500 m.			320	14	230	14	360	14	10	12	20	17	50	27	190	13	110	12	230	5	190	19
2100 m.					220	15	360	15					50	25							200	21
2400 m.							10	14	360	22	340	15	50	24	150	6	200	18	90	15	210	20
3000 m.							10	13	320	25	250	10	40	15	60	14	140	11	80	21	230	24
4000 m.							330	23	310	17							260	4				
5000 m.							300	27			290	19	30	6	60	31	260	5				
6000 m.											280	12										

STATION	Matruh		Alex. A.P.		P. Said		Almaza		Helwan		Minya		Asyut		Luxor		Siwa		Dakhla		Kharga	
DATE	13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	8		8		8		8		7		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	210	6	210	6	140	12	330	17	190	3	40	4	50	6			150	25	100	16	40	19
600 m	190	8	250	7	140	14	350	18	100	15	70	17	80	5	50	8	150	35	70	7	60	26
1000 m	210	6	290	9	160	9	200	30	60	12	50	22	60	20	30	13	160	26	70	10	60	28
1500 m	240	7	320	11	290	8	340	5	20	13	40	26	50	31	50	10	170	23	90	6		
2100 m	220	10			320	9					80	11	60	33	10	14	180	14				
2400 m	210	10			330	10					60	29	40	16			250	14				
3000 m	220	13			340	29									10	15	270	11				
4000 m															340	10	310	16				
5000 m																	310	25				
6000 m																	310	13				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A. P.					Khartum														
DATE	12-5-53					13-5-53														
TIME	1500					0500														
	ALT m.	TEMP °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.	124	32		20	13															
950 mb.							33		60	18										
900 mb.						999	28		70	26										
850 mb.	1553	18		20	13	1506	29		60	24										
800 mb.						2032	25		60	25										
700 mb.	3171	5		10	15		16		50	9										
600 mb.						4471	3		330	9										
500 mb.	5830	-12		300	29	5916	-6		130	6										
400 mb.	7500	-23		310	33	7629			230	15										
300 mb.	9550	-36		310	52	9696	-32		270	27										
200 mb.						12466	-53		270											

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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE THURSDAY 14th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (a)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) during preceding hour 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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon to day* التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

The unusual heat wave in the west tonight تتراجع الموجة الحارة غير العادية على السواحل الغربية

with wind veering to northerly Cool weather then الليلة مع تحول الرياح الى شمالية ثم يمتد الجو

spreads to lower Egypt and Cairo tomorrow. غدا الى الوجه البحرى والقاهرة.

Printed by the Survey of Egypt 1952 (52/884)

FG

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 03 U.T. / Sunset 16 40 U.T.

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

At 1200 on Wednesday 13th

Area	Index	Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62300	SALLOUM	40	13	15	00	0	0	—				
	305	SIDI BARRANI	160	12	12	02	2	4	Cc	8.7	38	4	12
	306	MATRUH (A)	70	10	14	03	0	3	Ci	9.8	33	12	28
	309	EL DABAA	20	8	35	02	1	5	Cb	11.5	29	9	29
	319	ALEXANDRIA	40	6	50	02	2	6	Sc	13.0	26	12	42
	318	ALEXANDRIA (A)	360	8	12	02	2	6	Ac, Ci	12.3	30	13	35
	330	DAMIETTA	140	5	35	03	0	3	Ac	13.1	30	13	35
	333	PORT SAID (A)	80	11	18	02	0	4	Ci	13.1	26	13	45
	336	EL ARISH											
Lower Egypt	335	DAMANHUR	270	5	15	02	0	0	—	12.6	36	10	20
	342	MANSURA	220	3	35	02	1	3	As, Ci	12.2	36	7	17
	348	TANTA	00	0	35	03	2	5	Ci	11.9	36	7	17
	360	SHEBIN EL KOM	2_0	5	35	01	1	0	—	12.8	35	5	15
	366	ZAGAZIG	00	0	50	02	0	0	—	11.9	37	5	13
	440	ISMAILIA	20	5	35	03	1	3	Ac	12.4	35	1	12
Cairo Area	366	CAIRO (A)	20	6	14	02	1	3	Cs	13.0	36	5	14
	372	CAIRO ALMAZA (A)	40	12	30	02	2	5	Cs	12.4	36	2	12
	374	CAIRO EZBEKIYA	30	2	18	03	0	3	Ci	12.2	36	10	20
	375	GIZA	30	2	18	03	0	3	Ci	12.3	36	5	14
	378	HELWAN	340	10	15	03	1	5	Cc	12.4	36	-1	10
Upper Egypt	381	FAYOUM	00	0	35	02	0	1	Ci	11.9	36	7	17
	387	MINYA (A)	00	0	10	02	0	0	—	11.6	37	10	19
	393	ASYOUT (A)	30	8	30	02	0	0	—	10.2	38	-8?	5
	394	NAG HAMADI	00	0	15	00	0	0	—	9.3	36	22?	44
	402	QENA	270	1	50	00	0	0	—	8.6	38	16?	27
	405	LUXOR (A)	00	0	30	02	0	1	Ci	8.8	39	-2?	8
	414	ASWAN	340	2	50	01	1	3	Ac	6.7	38	8	16
Oases	417	SIWA	180	12	8	00	0	0	—	10.3	38		
	423	BAHARIYA	90	2	35	02	0	0	—	12.3	37	6	14
	424	FARAFRA											
	432	DAKHLA	160	7	50	00	0	0	—	9.1	38	-5	6
	435	KHARGA	40	1	15	02	1	2	Ac	8.6	39	-1	8
Red Sea	450	SUEZ	00	0	50	03	0	2	Cu	11.5	34	-2?	10
	453	TOR	220	9	35	02	0	0	—	10.4	30	19	52
	457	HURGHADA	50	3	30	02	0	0	—	10.3	27	21	62
	465	QUSEIR	360	7	15	01	1	0	—	9.4	30	17	46
	641	PORT SUDAN	50	9	30	02	0	0	—	6.4	32	25	66
North Sudan	600	WADI HALFA	10	13	30	02	0	3	Ci	6.1	39	-2	8
	640	ABU HAMAD	310	1	30	01	0	0	—		43	-5	5
	660	KAREIMA	300	7	30	02	0	0	—	2.7	43	0	7
	680	ATBARA	90	2	30	02	0	0	—	1.0	43	3	9
	721	KHARTOUM	20	11	30	02	0	1	Cu	0.2	44		
	730	KASSALA	60	6	30	03	1	5	Cu	999.2	42	11	16
Central Sudan	751	WAD MEDANI	50	9	35	02	2	8	Cu	999.9	43	8	12
	801	RENK	310	13	35	02	1	7	Ac		42	22	32
	802	ROSEIRES											
	771	EL OBEID	40	11	30	01	2	3	Cu, Ac	999.5	41	5	11
	780	EL FASHER	80	9	30	01	2	7	Ac		37	-5	7
	770	GENEINA	100	2	30	01	1	5	Cu, Ci		37	11	20
S. Sudan	840	MALAKAL	160	20	30	01	2	5	Cu, Ac	4.9	35	19	39
	880	WAU	00	0	30	02	2	7	Cu, Ac	3.2	37	19	35
	941	JUBA	130	6	50	02	1	5	Cu, Cs	3.8	37	18	33

At 1800 on Wednesday 13th

Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOUM	220	7	15	03	1	2	Ci	7.6	35	8	39	+12	19	0
SIDI BARRANI	160	9	13	02	0	2	Ci	7.6	32	4	39		17	0
MATRUH (A)	100	10	12	01	8	1	Ci	8.0	26	11	36		40	dr.
EL DABAA	110	4	7	01	1	2	Cu	9.9	23	15?	36		61	0
ALEXANDRIA	90	9	35	03	2	7	As	12.0	26	10?	34	+8	37	0
ALEXANDRIA (A)	70	11	12	03	2	7	Ci	11.2	24	16	34	+8	64	0
DAMIETTA	140	2	7	01	1	0	—	11.9	25	17	31	+5	61	0
PORT SAID (A)	110	8	8	02	0	2	Ci	12.6	24	15	29	+4	57	0
EL ARISH	250	2	14	01	2	0	—	14.5	21	12	30		57	0
DAMANHUR	360	9	15	02	0	0	—	12.0	26	14	36	+6	48	0
MANSURA	40	3		00	1	0	—	12.3	27	13	38	+7	42	0
TANTA	00	0	35	01	2	4	Ci	12.6	29	14?	37	+5	40	0
SHEBIN EL KOM	20	2	15	00	0	0	—	12.2	29	6?	37		23	0
ZAGAZIG	00	0	35	02	0	0	—	11.5	28	13	37	+5	40	0
ISMAILIA	360	2	35	01	0	0	—	12.2	29	6	36		23	0
CAIRO (A)	110	11	13	01	1	0	—	12.3	31	6	37		21	0
CAIRO ALMAZA (A)	110	14	12	00	2	0	—	11.5	32	-2	36	+3	11	0
CAIRO EZBEKIYA			10	00	1	0	—	11.6	30	10	38	+6	29	0
GIZA			10	00	1	0	—	11.1	30	10	37	+5	29	0
HELWAN	40	13	7	01	1	0	—	11.5	31	-1	37	+5	12	0
FAYOUM	00	0	35	02	0	0	—	10.4	30?	8	38	+4	25	0
MINYA (A)	360	1	8	02	0	0	—	10.1	26?	9	38	+3	35	0
ASYOUT (A)	30	4	12	02	0	0	—	9.8	31	0?	39	+2	13	0
NAG HAMADI	00	0	7	00	0	0	—	8.8	32	20?	40	+4	49	0
QENA	270	2	7	00	0	0	—	8.3	33	13	39	+1	30	0
LUXOR (A)	90	12	14	02	0	0	—	8.3	31					0
ASWAN	360	1	50	00	0	0	—	7.0	35	8	39	0	19	0
SIWA	120	3	8	00	0	0	—	7.1	32	0	39	+5	13	0
BAHARIYA	90	1	15	02	0	0	—	11.1	30	6	38	+4	22	0
FARAFRA	110	3	15	00	0	0	—	11.2	30	1	38		16	0
DAKHLA	360	4	35	00	0	0	—	9.4	32	-9	39	+2	7	0
KHARGA	00	0	15	00	1	0	—	8.4	29	-1	40	+2	-1	0
SUEZ	00	0	15	01	0	0	—	12.3	28	7	36	+4	7	0
TOR	180	2	15	02	0	0	—	10.6	26	21	31	0	74	0
HURGHADA	260	5	12	02	0	0	—	9.9	26	12	31	+2	42	0
QUSEIR	330	2	15	02	0	0	—	10.6	29	12	30	-1	35	0
PORT SUDAN														
WADI HALFA											41			
ABU HAMAD											43			
KAREIMA														
ATBARA											44			
KHARTOUM											45			
KASSALA											45			
WAD MEDANI														
RENK														
ROSEIRES											39			
EL OBEID														
EL FASHER														
GENEINA														
MALAKAL														
WAU														
JUBA											37			

At 0600 on Thursday 14th May, 1953

Station	Wind Direction Deg.	Velocity in Knots	Visibility in Km.	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	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
SALLOUM	320	4	15	00	0	0	—	7.8	-5.2	23	15	19	+2	61	0	37	
SIDI BARRANI	280	12	14	02	0	0	—	7.7		21	13?	19		61	0	109	
MATRUH (A)	220	13	12	31	3	0	—	6.7	-7.3	31	17?	21		43	dr	52	
EL DABAA	160	12	2	32	3	0	—	6.8		32	16	20		38	0	95	
ALEXANDRIA	130	14	50	01	2	2	Sc	9.3	-4.7	27	6	23	+5	27	0	125	185
ALEXANDRIA (A)	180	12	18	02	0	0	—	9.0	-4.6	26	6	19	+3	25	0	122	138
DAMIETTA	140	2	7	03	0	2	Ac	11.4	-2.1	27	16	21	+4	52	0	56	104
PORT SAID (A)	130	8	14	03	0	1	Ac	11.1	-2.2	27	14	20	0	45	0	61	
EL ARISH	170	4	30	03	0	0		11.0	-2.5	29	5	18		22	0	46	
DAMANHUR	180	19	15	02	1	2	Cu	10.3	-3.5	30	11	21	+6	31	0	43	100
MANSURA	140	3	15	00	0	0	—	10.0	3.6	29	9	20	+4	29	0	48	53
TANTA	220	8	35	01	1	3	Cu	10.4	3.6	29	12	21	+6	35	0	18	42
SHEBIN EL KOM	160	2	15	01	1	3	Cu	9.6	3.3	29	6	21		23	0		
ZAGAZIG	00	0	35	02	0	0	—	9.9	3.4	29	9	21	+6	29	0	29	26
ISMAILIA	160	2	35	02	0	0	—	10.7		31	10	20		28	0	32	
CAIRO (A)	140	13	18	03	0	1	Ac	10.6		34	3	26		14	0	7	
CAIRO ALMAZA (A)	160	18	15	03	0	1	Ac	9.8	-3.5	34	-5	27	+9	8	0	8	
CAIRO EZBEKIYA			12	00	0	0	—	9.9	-3.4	35	5	26?	+9	15	0	15	25
GIZA			12	00	0	0	—	9.6	-3.7	30	12	20?	+6	33	0	43	25
HELWAN	110	16	15	02	0	1	Ci	9.5	-3.5	33	0	27	+10	12	0	3	28
FAYOUM	00	0	35	02	0	1	Ci	10.0	-3.0	31	10	18	+1	28	0	14	8
MINYA (A)	180	3	8	02	0	0	—	10.4	-2.8	29	11	19	+2	33	0	1	
ASYOUT (A)	00	0	12	02	0	0	—	10.7	-1.5	30	2	22	+2	17	0	2	
NAG HAMADI	270	1	7	00	0	0	—	12.2	+1.1	28	17	19	+1	52	0	0.3	
QENA	270	1	35	00	0	0	—	11.2	+0.5	31	12	22	+2	31	0	2	
LUXOR (A)	350	3	30	02	0	0	—	10.7	0.0	30	3	19		18	0	1	
ASWAN	00	0	50	00	0	0	—	10.3	-0.4	29	12	22	-1	35	0	2	
SIWA	00	0	14	00	0	0	—	8.2	-6.2	28	2	22	+6	19	0	2	8
BAHARIYA	130	6	0.8	30	3	0	—	10.2	-3.2	32	6			20	0	dr.	7
FARAFRA	160	2	35	00	0	0	—	10.4		31	-1			12	0	1	
DAKHLA	150	9	50	00	0	0	—	10.3	-2.0	28	0	19	0	16	0	0	
KHARGA	00	0	35	00	0	0	—	10.2	-1.1	31	10	21	0	28	0	dr.	
SUEZ	180	4	35	00	0	0	—	10.4	-2.3	27	13			42	0	45	17
TOR	310	2	35	02	0	0	—	11.0	+0.3	26	23	19	-1	84	0	Rain	13
HURGHADA	310	4	18	02	0	0	—	10.6	[illegible]	30	18	21	+1	49	0	7	
QUSEIR	360	5	15	02	0	0	—	11.0	+0.3	30	15	25	+2	40	0	12	4
PORT SUDAN																	
WADI HALFA	00	0	30	02	0	0	—	9.7		27	1	21		19	0		
ABU HAMAD	360	5	30	02	0	0	—			30	-3	22		11	0		
KAREIMA																	
ATBARA	40	11	30	02	0	0	—	7.0		32	1	28		14	0		
KHARTOUM	220	7	30	03	1	6	Cs	6.6		31	15	26		38	0		
KASSALA	200	5	30	02	0	2	Ac, Ci	6.6		33	17	25		38	0		
WAD MEDANI																	
RENK																	
ROSEIRES	230	2	35	02	0	2	Ci	7.7		31	19	26		49	0		
EL OBEID																	
EL FASHER																	
GENEINA	250	4	30	03	1	7	Ac			25	19	22		70	3		
MALAKAL			30	03	2	6	Ac	9.0		28	20	20		62	0		
WAU																	
JUBA	180	8	50	03	1	8	Ac, Cs	8.2		29	21	23		62	0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Minya		Asyut		Siwa		Dakhla		Kharga	
DATE	13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5		13-5	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	24	100	12			50	14	40	15	10	9	360	14	20	16	180	14	40	4	40	15
600 m.			150	11	70	4	50	12	20	16	50	11	350	10	20	18	190	13	50	4	50	18
1000 m.			150	19	360	2	60	10	360	15	60	20	360	14	30	18	190	13	30	7	50	20
1500 m.			160	16	360	3	70	9	350	14	20	13	10	16	30	18	190	15	20	10	40	19
2100 m.			170	18	290	13	80	9	340	15	40	16			40	21	260	16				
2400 m.			180	17	290	19	70	16	350	24	60	17					260	16				
3000 m.					300	22	110	7	360	17	70	8					280	18				
4000 m.							120	19			350	16										
5000 m.											330	17										
6000 m.																						

STATION	Hurghada		Aswan		P. Said		El Arish		Almaza		Minya		Asyut									
DATE	13-5		13-5		14-5		14-5		14-5		14-5		14-5									
TIME	14		14		2		3		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.	320	2	350	18	150	17	150	14	130	19	110	21	110	10								
600 m.	320	2	350	18	140	16	140	14	130	15	100	25	90	23								
1000 m.	10	5	360	18	130	14	130	10	140	7	110	13	90	13								
1500 m.	10	9	360	18	80	8	80	10	120	7	130	13	70	11								
2100 m.	10	26	10	16	20	2	10	16	200	7	110	10										
2400 m.	20	19			350	19	340	18	230	9												
3000 m.							130	28														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Minya		Asyut		Siwa		Dakhla					
DATE	14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5		14-5					
TIME	8		8		8		8		8		8		8		7		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	26	260	13	160	16	150	9	120	9	170	8	160	21	270	9	130	20				
600 m.	340	23	220	17	170	18	140	11	130	18	160	24	160	17	310	16	140	23				
1000 m.	320	18	210	26	180	20	140	17	120	20	150	24	170	11	320	23	140	19				
1500 m.	300	17					130	20	120	19	160	11	170	10	300	20						
2100 m.									100	17	130	17	70	13	260	18						
2400 m.									70	13	150	16	40	8	250	24						
3000 m.													360	19	270	39						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																					
DATE	13-5-53																					
TIME	1500																					
	ALT. m	TEMP °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																								
1000 mb.	106	36		10	12																			
950 mb.																								
900 mb.																								
850 mb.	1556	25		360	6																			
800 mb.																								
700 mb.	3221	12		20	8																			
600 mb.																								
500 mb.	5939	-6		300	27																			
400 mb.	7645	-13		300	31																			
300 mb.	9755	-29		280	35																			
200 mb.	12560	-45																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 15th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorms

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

LIBRARY
DEC 28 1954
WEATHER BUREAU

GENERAL FORECAST: from noon today to noon tomorrow. توقعات للفترة من ظهر اليوم الى ظهر غد

Temperature continues its gradual fall in the north تواصل درجة الحرارة الهبوط تدريجيا وزوال اعتدال الجو في
& Middle Egypt with a moderation of the heat wave الوجه البحري والوسطى كما تخف موجة الحر في اعالي الصعيد
over Upper Egypt. Sky mainly clear. والسماء صحو والرياح غلبا شمالية معتدلة.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 03 02 U.T. / Sunset 16 41 U.T.

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

At 1200 on Thursday 14th

WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	RELATIVE HUMIDITY %
310	13	14	02	0	0	—	4.2	22	15	65
290	20	8	07	0	0	—	8.2	24	16	61
220	2	14	02	0	0	—				
80	16	30	01	0	1	AC	1.5	28	20	62
230	9	15	02	0	0	—	8.4	40	9	15
140	3	35	00	0	0	—	8.4	39	7	14
220	3	35	02	0	0	—	8.2	39	3	11
220	13	35	00	0	0	—	8.6	38	0	9
320	1	50	02	0	0	—	8.3	39	10	17
160	2	35	02	0	0	—	4.1	37	10	19
200	5	18	00	0	0	—	8.6	40	11	17
270	10	18	00	0	0	—	7.9	40	-1	8
180	3	30	00	0	0	—	8.2	41	11	17
180	3	30	00	0	0	—	7.8	42	9	14
200	10	35	02	0	0	—	7.9	40	2	10
150	7	8	02	0	0	—	8.6	40	6	12
00	0	15	00	0	0	—	8.0	40	23	38
270	1	50	00	0	0	—	7.6	40	19	30
360	4	30	02	0	0	—	7.6	40	-3	7
180	2	50	03	0	1	Cu	8.7	35	8	19
00	0	35	02	0	0	—	9.0	31	24	66
90	5	30	02	0	0	—	9.0	33	15	36
360	5	15	02	0	0	—	7.2	31	17	43
40	4	50	02	0	0	—	7.2	31	25	70
40	9	30	02	0	0	—	3.6	41	4	10
310	3	30	02	0	0	—	1.5	43	-3	6
310	4	30	02	0	1	Cu	2.2	42	1	8
180	4	30	01	2	5	Cu, AC	1.1	41	16	23
130	9	35	02	2	7	AC	6.8	41	15	22
230	5	35	01	1	3	Cu	2.6	38	17	29
330	6	30	02	2	7	AC, CS	3.3	40	7	13
140	5	50	02	2	8	CS		38	10	18
150	7	30	02	2	7	Cu, CS		35	12	25
180	8	30	15	1	6	Cb	6.8	35	20	42
360	3	30	17	2	6	Cb	7.3	31	21	55
180	4	50	02	2	8	Cu, CS	5.0	37	19	35

At 1800 on Thursday 14th

WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	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.
320	19	15	00	0	0	—	10.8	23	10			44	0
280	8	12	02	0	0	—	10.6	19	14	25		73	0
280	12	11	02	0	0	—	9.8	19	16	31		83	0
40	6	7	00	0	0	—	9.6	20	17	34		83	0
310	15	35	00	0	0	—	9.1	21	18	39	+13	83	0
330	13	12	00	3	0	—	8.5	21	17	40	+14	78	0
110	9		00	0	0	—	8.6	26	16	35	+9	55	0
90	22	12	02	0	0	—	7.4	24	17	30	+5	65	0
360	13	7	02	0	0	—	8.0	24	16	41	+10	61	0
40	3		00	0	0	—	6.7	30	13	40	+9	35	0
140	2	35	02	0	0	—	7.4	28	12	40	+8	37	0
140	2	15	00	0	0	—	7.2	30	8	40		25	0
00	0	35	02	0	0	—	6.0	32	14	40	+8	34	0
160	2	35	02	0	0	—	6.8	30	11	39		31	0
160	10	12	00	0	0	—	6.3	35	8	40		19	0
180	10	12	00	1	0	—	6.9	35	-3	40	+7	9	0
180	10	10	00	0	0	—	6.6	34	10	41	+9	23	0
00	0	10	00	0	0	—	5.9	32	9	42	+10	24	0
140	12	15	01	1	1	AC	6.0	34	3	41	+9	14	0
00	0	35	02	0	0	—	5.8	32	4	43	+9	24	0
130	3	8	02	0	0	—	6.5	29	11	40	+5	33	0
160	3	12	02	0	0	—	7.8	36	4	42	+5	13	0
00	0	7	00	0	0	—	8.4	28	19	41	+4	58	0
00	0	7	00	0	0	—	8.4	29	14	41	+3	40	0
360	6	50	00	0	0	—	6.7	37	6	41	+2	14	0
20	6	8	00	0	0	—	9.2	32	6	39	+5	20	0
320	2	15	02	0	0	—	7.2	34	6	43	+9	18	0
290	3	15	00	0	0	—	8.4	35	-2	43		9	0
160	4	35	00	0	0	—	7.8	35	1	42	+4	12	0
00	0	15	00	0	0	—	7.6	30	7	42	+4	24	0
180	2	15	01	0	0	—	7.6	27	16	35	+3	52	0
00	0	15	02	0	0	—	9.0	29	20	32	+1	59	0
210	4	12	02	0	0	—	9.0	28	1	33	+4	18	0
20	2	15	02	0	0	—	9.2	28	13	32	+1	40	0

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62800	SALLOUM
	803	SIDI BARRANI
	806	MATRUH (A)
	808	EL DABA'A
	319	ALEXANDRIA
	818	ALEXANDRIA (A)
	880	DAMIETTA
	883	PORT SA'ID (A)
	886	EL 'ARISH
LOWER EGYPT	888	DAMANHÛR
	849	MANSÛRA
	848	TANTA
	860	SHEBÎN EL KÔM
	854	ZAGAZIG
	441	ISMAILIA
CAIRO AREA	868	CAIRO (A)
	873	CAIRO ALMAZA (A)
	374	CAIRO EZBEKIYE
	375	GIZA
	376	HELWAN
UPPER EGYPT	881	FAYOÛM
	887	MINYA (A)
	893	ASYOÛT (A)
	898	NAG' HAMÂDI
	902	QENA
	903	LUXOR (A)
	911	ASWAN
OASES	417	SIWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHÂDA
	485	QUSEIR
	841	PORT SUDAN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMED
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

At 0600 on Friday 15th May 1953

WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	BAR. PRESSURE Diff. from normal mb.	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
320	9	15	00	0	0	—	10.0	-3.0	23	15	17		61	0	37	
280	6	15	02	0	0	—	10.5		20	14	14		69	0	108	
270	12	14	02	0	0	—	10.7	-3.3	21	15			69	0	52	
220	3	15	00	0	0	—	11.3		20	15	15		73	0	45	
320	12	50	00	0	0	—	10.8	-3.2	20	17	18	0	83	0	125	185
320	6	18	02	0	0	—	10.5	-3.0	22	17	18	+1	74	0	122	138
270	5	15	00	0	0	—	10.4	-3.0	23	18	20	+3	74	0	56	104
270	6	10	02	0	0	—	10.1	-3.1	23	18	20	0	74	0	61	
270	8	10	02	0	0	—	8.8	-4.7	25	17	23		61	0	46	
010	5	7	02	0	0	—	10.4	-3.4	22	18	19	+4	74	0	43	100
140	3	15	00	0	0	—	9.8	-3.7	22	18	18	+2	74	0	48	53
270	2	35	02	0	0	—	10.3	-3.6	25	17	16	+1	61	0	18	42
290	2	15	00	0	0	—	11.0	-2.8	22	19	16		83	0		
100	0	35	02	0	0	—	10.6	-3.2	24	18	17	+2	69	0	29	27
220	2	35	02	0	0	—	10.7		23	16	18		65	0	32	
100	0	14	02	0	0	—	10.6		22	17	19		74	0	7	
120	0	14	00	0	0	—	10.9	-2.3	22	16	19	+1	69	0	8	
360	3	12	00	0	0	—	11.3	-1.9	24	17	20	+3	65	0	15	25
360	3	12	00	0	0	—	11.0	-2.2	23	16	18	+4	65	0	43	25
320	6	7	02	0	0	—	11.0	-2.0	23	12	19	+2	50	0	3	28
100	0	35	02	0	0	—	11.2	-1.8	24	14	19	+2	54	0	14	8
340	10	8	02	1	2	AC	9.7	-3.4	25	13	17	+2	47	0	1	
100	0	14	03	1	3	AC	9.6	-2.5	30	9	23	+3	27	0	2	
100	0	7	00	0	0	—	8.8	-2.3	27	13	20	+1	42	0	0.3	
100	0	7	00	0	0	—					19	-1		0	2	
100	0	30	02	0	0	—	9.6	-1.0	29	3	21		19	0	1	
100	0	50	00	0	0	—	9.5	-1.2	29	16	26	+3	46	0	2	
120	4	14	03	0	1	AC	12.3	-2.1	21	4	16	0	59	0	2	8
360	3	35	02	0	0	—	11.0	-2.4	24	16	19	+2	61	0	dr.	7
120	2	35	00	0	0	—	11.5		26	4			25	0	1	
340	9	35	01	1	4	Cu	11.5	-0.7	27	-8	22	+3	9	0	0	
100	0	15	00	0	0	—	12.4	-0.8	29	6	20	-1	23	0	dr.	
140	6	35	00	0	0	—	10.3	-2.3	26	14			48	0	45	17
220	2	35	02	0	0	—	9.2	-1.5	27	23	21	+1	70	0	Rain	13
110	1	14	02	0	0	—	8.9	-1.7	34	24	21	0	56	0	7	
360	2	15	02	0	8	—	9.6	-1.1	32	26	23	0	70	0	12	4

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani	Siwa	Asyut																	
DATE	14-5	14-5	14-5																	
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
300 m	330	23	290	17	210	3														
600 m	320	15	290	10	240	4														
1000 m	310	12	310	9	340	6														
1500 m	290	25	330	14	250	3														
2100 m	280	29	290	14	260	6														
2400 m			270	18	290	9														
3000 m			280	33	340	8														
4000 m			270	51																
5000 m																				
6000 m																				

STATION		Aïmaza	P. Said	Minya	Asyut															
DATE		15-5	15-5	15-5	15-5															
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
300 m			350	17	290	16	350	5	340	5										
600 m			340	10	280	29	340	8	210	7										
1000 m			290	4	260	22	360	6	150	9										
1500 m			300	12			320	8	200	8										
2100 m			240	17			340	8	240	13										
2400 m			240	21																
3000 m			250	31																
4000 m																				
5000 m																				
6000 m																				

STATION	S. Barani	Matruh	Kelwan	Minya	Asyut	Dakhla	Kharga	Hurghada												
DATE	15-5	15-5	15-5	15-5		15-5	15-5	15-5												
TIME	8	8	7 45	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
300 m	290	7	260	30	330	10	10	6			80	5	20	6	140	20				
600 m	270	6	230	7	30	5	10	6			110	3	10	4	140	21				
1000 m	260	7	310	6	310	5	330	11			180	6	130	6	120	10				
1500 m	300	12			270	8	260	9					180	9	100	6				
2100 m					250	12							180	7						
2400 m					240	17														
3000 m					240	23														
4000 m					260	29														
5000 m					250	35														
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Saturday 16th May 195

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) — 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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: From noon today to noon tomorrow التغيرات المنتظرة فى حالة الطقس من اليوم إلى غد

Warm unstable weather with much medium ظ ... متوسط ... كثير ...

cloud and risk of scattered thundery showers up to ... متقطع ... وخطر ... متفرق ...

Middle Egypt. Temperature expected to fall tomorrow. ... الوسطى ... درجة الحرارة ... غدا

Printed by the Survey of Egypt 1952 (52/834)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 01 U.T. / Sunset 16 41 U.T.

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

At 1200 on Friday 15th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	Salloum	360	13	35	00	0	0	—	11.0	24	14	54
	303	Sidi Barrani	320	11	18	02	0	0	—	10.7	22	16	69
	306	Matruh (A)	340	4	15	02	0	0	—	10.6	23	16	65
	308	El Dab'aa	20	8	35	00	0	0	—	10.0	24?	16	61
	319	Alexandria	360	14	50	00	0	0	—	11.1	21	18	83
	318	Alexandria (A)	340	11	18	02	0	0	—	11.4	24	18	69
	330	Damietta	320	9	35	00	0	0	—	10.8	25	19	70
	333	Port Said (A)	350	16	30	02	0	0	—	10.6	24	19	74
	336	El Arish											
Lower Egypt	339	Damanhur	360	9	15	02	0	0	—	10.4	31	12	31
	342	Mansura	360	5	35	00	0	0	—	10.0	34	15	32
	348	Tanta	310	5	35	02	0	0	—	9.8	33	13	30
	360	Shebin el Kom											
	354	Zagazig	00	0	50	02	0	0	—	9.3	36	17	38
	441	Ismailia	320	2	35	02	0	0	—	9.8	35	11	42
Cairo Area	366	Cairo (A)	340	7	18	00	0	0	—	10.3?	35	16	32
	372	Cairo Almaza (A)	360	6	30	00	0	0	—	9.5	35	10	22
	374	Cairo Ezbekiya	330	4	30	00	0	0	—	9.9	35	13	27
	375	Giza	330	4	30	00	0	0	—	9.4	34	9	22
	373	Helwan	290	5	35	02	0	0	—	9.5	35	1	12
Upper Egypt	381	Fayoum	360	4	35	02	0	0	—	9.3	35	8	19
	387	Minya (A)	300	3	10	02	1	2	Ci	8.4	38	11	19
	393	Asyut (A)											
	389	Nag Hammadi	270	1	15	00	0	0	—	8.2	38	14	24
	402	Qena	270	1	50	00	0	0	—	7.4	42	18	25
	405	Luxor (A)											
	414	Aswan	110	2	50	00	0	0	—	5.8	42	7	12
Oases	417	Siwa	130	3	14	00	0	0	—	10.8	37		
	[illegible]	Baharia	40	2	35	02	0	0	—	9.1	38	11	19
	[illegible]	Farafra	70	3	35	00	0	0	—	9.9	40	5	12
	[illegible]	Dakhla	360	4	35	01	2	5	Ci	8.0	40	2	10
	[illegible]	Kharga	00	0	15	02	0	0	—	7.9	43	6	
Red Sea	[illegible]	Suez	40	6	50	02	0	0	—	8.8	33	20	47
	[illegible]	Tor	180	5	35	02	0	0	—	8.4	35	24	53
	[illegible]	Hurghada	70	9	30	02	0	0	—	7.5	32	22	56
	[illegible]	Quseir	40	2	15	02	0	0	—	7.6	31	24	66
	[illegible]	Port Sudan	50	12	30	03	1	6	Cb	6.5	31	27	
North Sudan	600	Wadi Halfa											
	[illegible]	Abu Hamed	90	2	30	03	0	7	Cu		41	1	8
	[illegible]	Karima	130	5	35	02	0	0	—	4.3	42	4	10
	680	Atbara	210	5	30	03	0	1	Cu	2.3	43	7	12
	721	Khartoum											
	730	Kassala	180	5	30	03	2	7	Cu, Cs	4.3	39	17	28
Central Sudan	751	Wad Medani	180	5	50	02	0	2	Ci	6.3	36	14	27
	801	Renk											
	809	Roseires											
	771	El Obeid	320	5	30	02	2	7	Cu, Cs	3.2	39	12	20
	780	El Fasher	50	5	30	02	0	0	—		38	-4	7
	770	Geneina	100	1	30	03	1	3	Cu, Ci		37	7	16
S. Sudan	840	Malakal	230	7	30	03	2	6	Sc, Cu, Ac	6.3	35	17	35
	880	Wau	130	9	35	02	0	5	Cu	7.5	35	19	39
	941	Juba	180	4	50	02	2	7	Cb, Cs	6.3	34	20	44

At 1800 on Friday 15th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloum	320	13	15	00	0	0	—	10.8	20	15	25	-2	73	0
Sidi Barrani	330	7	12	02	0	0	—	10.7	19	16	23		83	0
Matruh (A)	350	1	14	02	0	0	—	10.0	19	17			88	0
El Dab'aa	320	9	7	00	0	0	—	9.8	20	18	25		88	0
Alexandria	40	13	35	00	0	0	—	10.6	20	18	24	-2	88	0
Alexandria (A)	30	4	12	02	0	0	—	10.1	20	15	25	-1	73	0
Damietta	340	2		00	0	0	—	10.8	21	19	27	+1	88	0
Port Said (A)	20	4	14	02	0	0	—	10.7	21	19	26	0	88	0
El Arish														
Damanhur	360	9	15	02	0	0	—	10.3	22	13	32	+2	57	0
Mansura	40	5		00	0	0	—	9.8	25	13	34	+3	47	0
Tanta	270	2	35	02	0	0	—	9.8	23	12	34	+2	50	0
Shebin el Kom	320	5	15	00	0	0	—	10.0	26	12	35		42	0
Zagazig	40	3	35	02	0	0	—	9.6	26	16	37	+5	55	0
Ismailia	20	2	35	02	0	0	—	10.0	25	15	36		54	0
Cairo (A)	70	11	12	00	0	0	—	9.9	29	9	36		29	0
Cairo Almaza (A)	60	11	12	00	0	0	—	9.8	30	10	36	+3	29	0
Cairo Ezbekiya	20	4?	10	00	0	0	—	10.0	29	14	37	+5	40	0
Giza	20	4?	10	00	0	0	—	9.5	30	11	35	+3	31	0
Helwan	360	17	15	02	0	0	—	9.3	30	11	36	+4	31	0
Fayoum	00	0	35	02	0	0	—	8.6	27	11	38	+4	37	0
Minya (A)	00	0	8	02	1	0	—	7.5	29	8	39	+4	27	0
Asyut (A)	180	2	10	01	1	0	—	7.6	32	8	42	+5	22	0
Nag Hammadi	00	0	7	01	0	3	AC	7.4	30	13	41	+4	35	0
Qena	00	0	7	00	0	0	—	7.2	32	16?	43	+5	38	0
Luxor (A)	340	3	12	01	0	0	—	7.1	36	1?	43		11	0
Aswan	360	4	50	00	0	0	—	5.8	38	5	43	+4	13	0
Siwa	00	0	10	00	0	0	—	8.8	29	8	39	+5	27	0
Baharia	00	0	15	02	0	0	—	9.1	31	10	40	+6	28	0
Farafra	90	2	15	00	0	0	—	8.3	34	-2	43		10	0
Dakhla	340	19	15	01	2	6	Ci	7.9	37	9	42	+4	18	0
Kharga	00	0	15	00	1	0	—	6.6	30	11	43	+5	31	0
Suez														
Tor	180	5	15	02	0	0	—	8.2	26	23	39	+8	84	0
Hurghada	170	7	12	02	0	0	—	7.0	29	18	33	+4	52	0
Quseir	20	2	15	02	0	0	—	7.6	28	17	36	+5	52	0
Port Sudan	290	12	30	13	9	8	Sc	9.5	29	26	34		84	0.6
Wadi Halfa	20	9	30	02	0	0		4.8	35	-8			6	0
Abu Hamed	00	0	30	13	0	1	Cb		35	8	43		19	0
Karima	310	3	30	02	0	0	—	3.6	35	-9	43		6	0
Atbara	250	1	30	01	0	0	—	2.6	37	2	43		11	0
Khartoum	250	5	30	01	1	0	—	3.4	35	8	41		19	0
Kassala	210	7	30	13	0	1	Cb	4.8	32	16	40		38	0
Wad Medani														
Renk														
Roseires														
El Obeid	340	1	30	01	1	2	Ci	3.5	30	8	41		25	0
El Fasher	00	0	30	01	0	0	—		33	0	40		12	0
Geneina														
Malakal														
Wau														
Juba	00	0	30	13	2	7	Cb, Ac	6.6	29	22	35		66	0

At 0600 on Saturday 16th May, 1953

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
Salloum	340	13	15	03	1	2	Cu	12.0	-1.0	19	12	16	-1	64	0	37	
Sidi Barrani	350	9	15	02	0	4	Cu	11.1		19	14	17		73	0	109	
Matruh (A)	330	11	18	02	0	5	Sc	10.8	-3.1	20	15	14		73	0	52	
El Dab'aa	360	11	15	02	1	4	Cb	10.0		21	13	16		61	0	45	
Alexandria	360	16	50	01	1	3	Sc	10.2	-3.7	21	18	18	0	83	0	125	165
Alexandria (A)																	138
Damietta	340	5	7	03	1	3	AC	10.4	-3.0	21	19	17	-1	88	0	56	105
Port Said (A)	60	10	7	03	0	5	Sc	9.1	-4.1	22	20	19	-1	89	0	61	
El Arish	170	5	30	02	0	0	—	7.9	-5.6	23	6	16		55	0	46	
Damanhur	40	5	15	02	0	0	—	9.9	-3.9	22	18	19	+4	78	0	43	100
Mansura	360	5	15	00	0	0	—	9.4	-4.1	23	18	17	+1	74	0	48	54
Tanta	40	2	35	01	1	2	Cu	8.8	-5.0	25	17	15	0	61	0	18	42
Shebin el Kom	320	2	15	01	1	2	Cu	9.6	-4.2	24	14	17		54	0		
Zagazig	00	0	35	02	0	0	—	9.6	-4.2	25?	17?	17	+2	61	0	29	27
Ismailia	160	2	35	01	0	0	—	8.6		29?	6?	17		23	0	32	
Cairo (A)	00	0	10	02	0	0	—	8.9		26	8	23		32	0	7	
Cairo Almaza (A)	00	0	10	00	0	0	—	8.4	-4.7	26	14	22	+4	48	0	8	
Cairo Ezbekiya	360	3	12	00	0	0	—	8.6	-4.6	27	14	20	+3	45	0	15	25
Giza	360	3	12	00	0	0	—	8.4	-4.8	25	13	14	-1	47	0	43	25
Helwan	00	0	7	05	0	0	—	8.6	-4.4	26	10	21	+3	37	0	3	28
Fayoum	00	0	35	02	0	0	—	8.2	-4.8	27	11	18	+1	37	0	14	8
Minya (A)	220	3	8	02	0	0	—	7.2	-5.8	28	7	20	+1	27	0	1	
Asyut (A)	120	4	12	02	0	0	—	7.5	-4.6	31	-1	21	+1	12	0	2	
Nag Hammadi	00	0	7	00	0	0	—	7.9	-3.1	29	16			46	0	0.3	
Qena	270	1	35	00	0	0	—	8.3	-2.3	34	15?	19	-1	32	0	2	
Luxor (A)	20	2	30	02	0	0	—	8.8	-1.8	38	1?	21		10	0	1	
Aswan	00	0	50	00	0	0	—	8.6	-2.0	32	14	26	+2	34	0	2	
Siwa	30	15	14	01	0	0	—	10.8	-3.5	22	12	19	+3	53	0	2	8
Baharia	00	0	35	02	1	2	AC	8.0	-5.4	28	13	20	+3	40	0	dr.	7
Farafra	00	0	35	00	0	0	—	9.4		28	0	18		16	0	1	
Dakhla	20	15	50	00	0	0	—	8.7	-3.5	29	-1	22	+3	14	0	0	
Kharga	00	0	35	00	0	0	—	8.7	-2.5	32	11	22	+1	28	0	dr.	
Suez	180	3	35	00	0	0	—	8.2	-4.4	29	14			40	0	45	17
Tor	00	0	35	02	0	0	—	8.2	-2.4	26	23	19	-1	84	0	Rain	13
Hurghada	360	4	14	02	0	0	—	8.7	-1.8	26	20	22	+1	70	0	7	
Quseir	360	2	15	02	0	0	—	9.4	-1.2	31	15	23	0	38	0	12	4

RETARDS — DATE

*θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Bahariya	Mersa Matruh	Alex. A.P.	P. Said	Almaza	Minya	Asyut	Luxor	Aswan	Dakhla	Aswan
DATE	15-5	15-5	15-5	15-5	15-5	15-5	15-5	15-5	15-5	15-5	15-5
TIME	1400	1400	1400	1400	1500	1400	1400	14	14	14	14 00
ALTITUDE	DIR. SPEED	DIR SPEED	DIR. SPEED	DIR. SPEED	DIR SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	350 14	330 7	310 7	340 15	350 5	20 5	330 17	330 9	140 6	340 3	80 9
600 m.	260 11	320 5	320 7	350 9	350 4	360 11	290 10	310 9	150 5	330 4	40 6
1000 m.	250 10	220 11	270 5	350 9	350 7	350 6	290 17	310 14	170 5	340 4	40 5
1500 m.	260 16	260 12	280 7	10 9	330 4	320 8	260 8	320 16	280 11	350 8	30 7
2100 m.	270 19	260 10	260 9	10 9	270 13	310 15	260 11		260 16		50 13
2400 m.	260 23	260 12		10 9			260 11		260 15		
3000 m.	240 26	250 22	260 12	30 9	250 21		280 11		260 15		
4000 m.			260 16		260 22				290 28		
5000 m.											
6000 m.									290 36		

STATION	K Harga	Mersa Matruh	Alex. A.P.	Almaza	Minya	Asyut	Luxor	P. Said			
DATE	15-5	16-5	16-5	16-5	16-5	16-5	16-5	16-5			
TIME	14	0400	0200	0400	0200	0200	0200	0200			
ALTITUDE	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 7	340 13	30 6	140 9	70 17	100 12	10 10	110 16			
600 m.	190 10	360 13	20 4	140 8	70 11	10 5	350 18	130 28			
1000 m.	210 11	350 8	30 4	140 8	140 9	340 6	20 24	140 12			
1500 m.	250 5	290 23	20 6	210 10	230 12	340 10	40 12	190 11			
2100 m.				220 10		340 15	70 10				
2400 m.				240 15			40 5				
3000 m.											
4000 m.											
5000 m.											
6000 m.											

STATION	Hurghada	Dakhla	Helwan	Suez	M. Matruh	P. Said	Luxor	Minya	S. Bahariya	Bahariya	
DATE	16-5	16-5	16-5	16-5	16-5	16-5	16-5	16-5	16-5	16-5	
TIME	8	8	0715	0715	0800	0800	0600	08 00	08 00	0800	
ALTITUDE	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 16	160 4	820 4	30 24	360 13	20 14	80 5	150 16	360 16	250 34	
600 m.	50 13	170 4	180 5	60 22	360 11	210 10	70 7	150 30	360 16	250 40	
1000 m.	90 4	160 8	200 16	70 8	340 10	170 10	70 8	170 20	10 17	250 36	
1500 m.	30 7	150 7	220 14	300 10	260 13		90 5	210 8	10 19	250 36	
2100 m.	300 8		240 17	300 17	260 26		360 2	220 13		90 18	
2400 m.	330 8			280 20			340 6	230 15		80 14	
3000 m.	220 13			250 28			320 13	290 12			
4000 m.				250 30							
5000 m.											
6000 m.											

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																	
DATE	15-5-53																	
TIME	1500																	
	ALT. m.	TEMP °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.	88	35		360	10															
950 mb.																				
900 mb.																				
850 mb.	1531	22		300	6															
800 mb.																				
700 mb.	3185	8		250	17															
600 mb.																				
500 mb.	5879	−11		250	21															
400 mb.	7551	−23		250	22															
300 mb.	9601	−36																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE SUNDAY 17th MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow. التغيرات المنظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Cool weather to Middle Egypt with morning ستر الجو معتدل أثناء النهار على معظم الوطن مع ميل

low cloud; and slight cooling today in Upper Egypt. للبرودة نسبيا. تظهر السحب المنخفضة صباحا فى شمال

Winds mainly moderate north east. والرياح تغلب شمالية معتدلة. كذلك تكون هناك

انخفاض فى درجات الحرارة اليوم فى اعالى الصعيد.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 03 01 U.T.; Sunset 16 42 U.T.

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

At 1200 on Saturday 16th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOUM	340	13	35	00	0	0	—	13.0	23	12	50
303	SIDI BARRANI	30	8	18	01	0	1	Cu	12.6	21	14	65
306	MATRUH (A)	10	12	14	02	1	5	Cu	11.8	22	15	65
309	EL DABA'A	360	10	35	01	1	3	Cu	10.8	22	15	65
319	ALEXANDRIA	360	20	50	03	2	5	Sc	10.7	22	17	74
318	ALEXANDRIA (A)	350	17	18	02	1	4	Sc,Ac	10.3	24	18	69
330	DAMIETTA	40	5	35	03	1	4	Cu	9.4	23	20	84
333	PORT SAID (A)	40	12	8	03	1	6	Ac	8.4	24	20	79
336	EL ARISH	280	12	12	01	1	0	—	8.4	21	18	83
339	DAMANHUR	40	9	15	02	1	1	Cu	9.4	28	15	45
342	MANSURA	40	5	35	00	0	6	Cu	9.0	30	13	35
348	TANTA	360	8	35	03	2	6	Cu, Ci	9.2	33	10	24
360	SHEBIN EL KOM	340	5	35	01	1	3	Ac	9.3	34	15	32
364	ZAGAZIG	00	0	50	02	1	3		9.0	36	16	31
441	ISMAILIA	20	5	35	03	1	5	Ci	7.2	32	16	38
366	CAIRO (A)	290	10	12	02	2	4	Ac	7.5	37	8	17
372	CAIRO ALMAZA (A)	290	5	18	03	2	5	Ac, Ci	6.7	36	7	17
374	CAIRO EZBEKIYA	00	0	30	03	0	4	Ac	6.8	37	15	27
375	GIZA	00	0	30	03	0	4	Ac	6.6	36	13	25
378	HELWAN	290	11	7	02	1	5	Ci	6.8	37	6	14
381	FAYOUM	240	4	35	02	1	3	Ci	5.8	41	4	10
387	MINYA (A)	160	9	8	02	1	1	Ci	5.3	42	5	11
393	ASSYUT (A)	340	4	30	03	1	2	Ac	5.4	42	1	8
399	NAG HAMADI	140	1	15	00	0	0	—	7.4	43	6	11
402	QENA	270	1	50	00	0	0	—	5.3	42	18	25
405	LUXOR (A)											
414	ASWAN	270	3	50	00	0	0	—	4.8	42	10	15
417	SIWA	20	10	14	00	0	0	—	11.2	33	5	17
420	BAHARIA	220	4	35	02	2	4	Ac	6.8	40	12	19
423	FARAFRA	200	13	35	03	0	2	Cu, Ci	6.3	43	-4	5
432	DAKHLA	90	9	35	01	2	5	Cu, Ci	5.9	44	3	8
435	KHARGA	00	0	15	02	2	2	Cu	5.8	43	6	11
450	SUEZ	220	3	50	03	0	3	Cu	5.8	34	9	22
459	TOR	140	2	35	02	0	0	—	6.3	30	24	70
463	HURGHADA	70	8	30	02	0	0	—	7.4	30	25	74
465	QUSEIR	90	2	15	02	0	0	—	7.8	29	22	66
641	PORT SUDAN											
600	WADI HALFA											
640	ABU HAMAD											
650	KAREIMA											
680	ATBARA											
721	KHARTOUM	270	7	30	03	2	7	Cu	2.1	42	3	9
730	KASSALA	340	2	30	03	0	4	Cu	2.4	40	12	19
751	WAD MEDANI											
801	RENK	130	9	35	02	0	6	Ac		38	19	33
802	ROSEIRES											
771	EL OBEID	270	5	30	02	2	7	Cb, Cs	3.5	38	9	17
760	EL FASHER											
770	GENEINA	220	6	30	03	2	8	Cu, Cs		37	11	20
840	MALAKAL	230	7	30	03	1	4			37	19	35
880	WAU											
941	JUBA	180	5	50	01	2	7	Cb, Cs	6.8	33	20	47

At 1800 on Saturday 16th

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	Max. Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOUM	20	13	15			1	Sc,Cu	13.1	19	14	24	-3	73	0
303	SIDI BARRANI	360	7	14	02	0	4	Cu	12.7	19	14	21		73	0
306	MATRUH (A)	360	10	12	03	1	2	Cu	11.7	19	15	23		78	0
309	EL DABA'A	360	11	7	01	1	3	Cu	11.3	19	14	23		73	0
319	ALEXANDRIA	40	19	35	02	2	4	Cu	11.5	19	16	23	-3	83	0
318	ALEXANDRIA (A)	10	12	12	03	0	1	Sc	10.8	19	16	23	-4	83	0
330	DAMIETTA	320	5		01	0	1	Cu	9.8	20	18	24	-3	88	0
333	PORT SAID (A)	10	12	12	01	0	0	—	9.6	21	18	24	-2	83	0
336	EL ARISH	280	12	10	01	1	0	—	8.3	21	18	33		83	0
339	DAMANHUR	360	9	15	02	1	1	Cu	10.7	21	16	29	-1	74	0
342	MANSURA	360	5		00	0	0	—	9.5	21	16	31	-1	74	0
348	TANTA	360	2	35	02	1	0	—	9.9	21	16	33	+1	74	0
360	SHEBIN EL KOM	340	5	15	00	0	0	—	9.9	23	17	35		69	0
364	ZAGAZIG	00	0	35	02	0	0	—	9.3	23	16	36	+4	65	0
441	ISMAILIA	360	5	35	03	1	5	Ac	8.7	22	17	33		74	0
366	CAIRO (A)	20	16	12	00	0	0	—	9.1	25	15	38		54	0
372	CAIRO ALMAZA (A)	40	15	12	02	1	0	—	9.5	25	13	37	+4	47	0
374	CAIRO EZBEKIYA	360	9	10	00	1	0	—	9.6	24	15	38	+5	57	0
375	GIZA	360	9	10	00	1	0	—	9.1	26	13	37	+5	45	0
378	HELWAN	360	19	3	01	1	0	—	8.4	26	10	38	+6	37	0
381	FAYOUM	360	4	35	01	0	0	—	7.1	28	13	42	+8	40	0
387	MINYA (A)						6	Ac	6.5	33	8	42	+6	21	0
393	ASSYUT (A)	310	4	10	01	1	2	Ac	5.8	36	-2	44	+7	9	0
399	NAG HAMADI	00	0	7	00	0	0	—	6.2	28	10	43	+6	33	0
402	QENA	00	0	7	00	0	0	—	5.6	30	13	43	+5	35	0
405	LUXOR (A)	00	0	12	02	0	0	—	5.1	33	4	43		16	0
414	ASWAN	00	0	50	00	0	0	—	4.8	37	15	43	+4	27	0
417	SIWA	30	15	10	00	0	0	—	10.4	27	6	34	0	27	0
420	BAHARIA	360	4	15	02	2		Ac	8.4	27	13	42	+8	42	0
423	FARAFRA	360	6	15	01	2	2	Ci	6.6	34	0	44		12	0
432	DAKHLA	340	9	15	01	2	4	Cu, Ci	5.6	34	1	44	+6	12	0
435	KHARGA	00	0	15	00	0	0	—	5.0	30	5	44	+6	21	0
450	SUEZ														
459	TOR	140	2	15	02	0	0	—	6.6	27	23	31	0	77	0
463	HURGHADA	130	6	12	02	0	0	—	6.6	25	22	32	+3	84	0
465	QUSEIR	120	2	15	02	0	0	—	6.7	26	21	34	+3	74	0
641	PORT SUDAN											35			
600	WADI HALFA											43			
640	ABU HAMAD											42			
650	KAREIMA											43			
680	ATBARA											41			
721	KHARTOUM											42			
730	KASSALA											41			
751	WAD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID														
760	EL FASHER														
770	GENEINA														
840	MALAKAL											38			
880	WAU														
941	JUBA											35			

At 0600 on Sunday 17th May, 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Bar. Diff. from normal mb	Dry Bulb	Dew Point	Minimum Today	Min. Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOUM	320	5	15	00	0	0	—	14.7	+1.7	20	11	15	-2	56	0	37	
	303	SIDI BARRANI	340	16	15	02	0	1	Ci	14.3		20	11	18		56	0	109	
	306	MATRUH (A)	320	10	18	01	2	2	Cu	13.3	-0.6	20	13	17		64	0	52	
	309	EL DABA'A	360	10	15	01	1	3	Cu	12.5		20	17	17		83	0	95	
	319	ALEXANDRIA	360	23	50	02	2	4	Cu	11.9	-2.0	20	13	18	0	64	0	125	185
	318	ALEXANDRIA (A)	320	14	18	03	1	5	Sc	11.6	-1.7	20	15	18	+1	73	0	122	138
	330	DAMIETTA	290	5	15	02	1	1	Ac	10.6	-2.7	21	16	16	-2	74	0	56	105
	333	PORT SAID (A)	340	10	14	03	1	4	Sc,Cu	10.7	-2.5	21	16	19	-1	74	0	61	
	336	EL ARISH																	
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	2	Cu	11.5	-2.2	22	13	16	0	57	0	43	100
	342	MANSURA	320	5	15	00	0	0	—	10.7	-2.8	20	15	15	-1	73	0	48	54
	348	TANTA	360	5	35	02	0	0	—	11.0	-2.8	22	15	14	-1	65	0	18	42
	360	SHEBIN EL KOM	320	5	15	00	0	0	—	11.4	-2.3	21	14	15		65	0		
	364	ZAGAZIG	00	0	35	02	0	0	—	10.7	-3.0	23	16	16	+1	65	0	29	27
	441	ISMAILIA	20	2	35	03	2	7	Cu	10.8		22	15	16		65	0	32	
CAIRO AREA	366	CAIRO (A)	360	10	14	01	2	5	Sc	10.9		20	14	17		69	0	7	
	372	CAIRO ALMAZA (A)	40	6	12	01	1	5	Sc, Cu	11.2	-1.8	19	16	18	0	83	0	8	
	374	CAIRO EZBEKIYA	360	6	10	02	2	6	Cu	10.7	-2.5	21	15	18	+1	68	0	15	25
	375	GIZA	360	6	10	02	2	6	Cu	11.1	-2.1	20	15	17	+2	73	0	43	25
	378	HELWAN	340	13	15	01	1	1	Cu	10.7	-2.3	20	13	18	0	64	0	3	28
UPPER EGYPT	381	FAYOUM	360	9	35	01	1	3	Cu, Sc	11.2	-1.7	21	14	18	+1	65	0	14	8
	387	MINYA (A)	340	15	12	02	1	5	Ac	10.2	-2.7	22	15	18	+1	65	0	1	
	393	ASSYUT (A)	300	14	14	02	2	7	Ac	9.4	-2.7		14	22	+2		0	2	
	399	NAG HAMADI	00	0	7	02	0	5	Cu, Ac	8.8	-2.1	32	18	23	+4	46	0	0.3	
	402	QENA	00	0	15	03	1	5	Ci	7.8	-2.8	33	15	22	+2	34	0	2	
	405	LUXOR (A)																	
	414	ASWAN	00	0	50	00	0	0	—	7.0	-3.6	34	14	28	+4	30	0	2	
OASES	417	SIWA	20	9	14	00	0	0	—	15.2	+0.9	19	14	16	0	73	0	2	8
	420	BAHARIA	360	5	35	02	1	1	Ac	12.3	-1.1	20	15	16	-1	73	0	dr.	7
	423	FARAFRA	20	3	35	02	1	3	Ci	12.7		22	11	18		50	0	1	
	432	DAKHLA	340	15	35	01	1	7	Cu	8.2	-3.9	29	9	23	+4	29	0	0	
	435	KHARGA	360	3	7	02	2	2	Ci	7.9	-3.2	30	13	24	+3	35	0	dr.	
RED SEA	450	SUEZ	360	6	35	00	0	4	Sc, Cu	9.8	-2.8	22	11			50	0	45	17
	459	TOR	90	5	15	03	1	6	Ac	9.6	-1.0	27	13	25	+5	42	0	Rain	13
	463	HURGHADA	90	10	14	02	2	8	Ac	9.0	-1.4	26	19	22	+1	66	0	7	
	465	QUSEIR	120	9	15	03	2	8	As	8.2	-2.4	26	21	24	0	74	0	12	4
	641	PORT SUDAN	90	6	50	03	1	6	Cu, Ac	8.1		32	25	25		66	0.9		
NORTH SUDAN	600	WADI HALFA	130	17	30	02	0	0	—	5.8		32	4	24		17	0		
	640	ABU HAMAD	180	3	10	05	0	0	—			32	17	28		41	0		
	650	KAREIMA	130	13	30	02	0	0	—	5.2		33	15	27		34	0		
	680	ATBARA	360	10	10	07	2	5	Ci	6.7		32	15	28		36	0		
	721	KHARTOUM	150	22	15	07	1	3	Ci	5.8		33	15	26		34	0		
	730	KASSALA	180	7	30	02	0	2	Ac	7.6		30	17	25		46	dr.		
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	760	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL	180	11	30	03	2	8	Ac, Cs	7.9		30	20	25		55	dr.		
	880	WAU																	
	941	JUBA	180	6	50	03	2	7	Cu, Ac	8.9		28	21	22		66	0		

9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Burami		Matruh		Alex. A.P.		P. Said		El Arish		Asyut		Hurghada		Minya		Aswan		Siwa		Dakhla	
DATE	16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5		16-5	
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	10	20	17	360	17	360	10	20	21	280	7	150	13	300	14	250	4	30	18	10	16
600 m.	50	17	20	19	350	13	10	19	350	8	290	10	320	2	300	13	340	4	30	21	40	16
1000 m.	20	17	10	12	340	12	360	25	210	8	320	10	60	2	280	17	300	4	30	24	40	16
1500 m.	10	19	340	15	280	12	300	10	220	17	280	12	340	10	280	14	300	4	20	26		
2100 m.			290	21	270	29	200	5	220	22	280	15	350	23					350	11		
2400 m.			290	21	270	27			220	24	290	6	10	23					280	17		
3000 m.			270	22	250	26			240	25	240	7							260	28		
4000 m.											250	15							270	33		
5000 m.																						
6000 m.																						

STATION	Matruh		Alex. A.P.		Asyut						W. Halfa		Khartoum		El Obied		El Fasher		Malakal		Nau	
DATE	17-5		17-5		17-5						17-5		17-5		17-5		17-5		17-5		17-5	
TIME	4		2		2						4		3		4		4		4		5	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	15	330	12	320	10					150	8										
600 m.	330	15	320	10	70	6					150	21	150	25					170	16	260	2
1000 m.	330	19	340	9	360	4					150	18			210	27	110	3	200	16	280	3
1500 m.	330	17	310	9	300	24					190	16			240	8	120	4	200	10		
2100 m.	300	18			280	14									310	5						
2400 m.	290	19									140	6	200	2	330	5	120	7	220	3	40	10
3000 m.											100	8	360	3	340	3	60	9	220	5	30	21
4000 m.																						
5000 m.													220	3	170	5	10	17			140	6
6000 m.													280	5	230	8	50	3			40	5

STATION	Hurghada		Baharia		Helwan		Dakhla		Minya		Asyut		Matruh		Siwa		S. Barani		Almaza		Alex. A.P.	
DATE	17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5	
TIME	8		8		6 45		8		8		8		8		7 15		8		9		9	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	110	18	300	22	350	24	330	8	10	22	350	5	330	11	30	14	340	26	320	18	310	16
600 m.	140	16	360	18	350	15	290	4	330	15	280	8	310	8	20	15	340	17	320	12	320	19
1000 m.	160	15	10	1	40	8	330	5	210	16	220	8	330	15	30	18	350	18	330	7	320	13
1500 m.	210	13	360	20			260	10	220	7	180	11			10	10	10	17	310	9	240	12
2100 m.			20	12					220	14	210	11			340	18			300	14	280	15
2400 m.			360	18					250	10	220	16			320	21						
3000 m.									220	24					270	24						
4000 m.															260	32						
5000 m.															260	32						
6000 m.															280	32						

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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Monday 18th May 1953

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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: From noon today to noon tomorrow

Cool weather to Middle Egypt continues, rather cold by night, but rather hot in Upper Egypt. Winds moderate N'E with some cloud in the north.

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم إلى ظهر غد

يستمر الجو البارد بالوجه القبلى ويكون شديد البرودة ليلا، ولكنه حار نسبيا بالوجه القبلى. الرياح معتدلة شمالية شرقية مع بعض السحب بالجهات الشمالية.

Printed by the Survey of Egypt 1952 (52/384)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 03 00 U.T. / " " Sunset 16 43 U.T.

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

At 1200 on Sunday 17th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	40	13	35	00	0	0	—	15.2	21	10	50
	303	SÎDI BARRÂNI	330	17	18	02	0	0	—	15.0	22	11	50
	308	MATRÛH (A)	340	18	14	03	0	2	Cu	13.6	22	11	50
	309	EL DAB'AA	340	13	35	01	1	2	Cu	13.0	22	11	50
	319	ALEXANDRIA	330	16	50	03	1	6	Cu	13.0	21	14	65
	318	ALEXANDRIA (A)	320	20	18	03	0	5	Sc, Ci	12.7	22	14	61
	330	DAMIETTA	290	9	35	02	1	1	AC	12.2	23	15	61
	333	PORT SAÎD (A)	350	13	30	03	0	3	SC	11.8	22	17	74
	336	EL ARISH											
Lower Egypt	336	DAMANHÛR	40	9	15	02	1	1	Ci	12.0	24	12	47
	342	MANSÛRA	40	5	35	00	0	0	—	10.8	28	13	40
	343	TANTA	310	2	35	02	0	0	—	12.0	27	11	37
	360	SHEBÎN EL KÔM	40	9	35	00	0	0	—	11.4	28	13	40
	354	ZAGAZIG	00	0	50	02	0	0	—	10.6	30	17	46
	441	ISMA'ILIA	320	2	35	01	1	3	Ci	10.3	30	11	31
Cairo Area	366	CAIRO (A)	290	9	14	02	0	1	Ci	11.2	28	10	33
	372	CAIRO ALMÂZA (A)	340	5	30	02	0	1	Ci	10.7	28	14	42
	374	CAIRO EZBEKÎYA	330	3	30	01	2	1	AC	10.8	29	12	35
	375	GIZA	330	3	30	01	2	1	AC	10.7	29	9	29
	378	HELWÂN	320	11	35	02	1	1	AC	10.6	28	10	33
Upper Egypt	381	FAYOÛM	360	9	35	01	1	1	Cu, Sc	10.4	30	5	21
	387	MINYA (A)	350	12	8	01	2	4	Ac, Ci	9.7	30	12	33
	393	ASYOÛT (A)	310	15	10	02	2	7	Ac, CS	8.1	33	10	24
	399	NAG HAMÂDI	320	2	15	02	1	4	CS	6.6	39	20?	34
	402	QENA	270	1	50	02	1	4	Ci	5.6	41	22?	34
	405	LUXOR (A)	270	16	30	02	1	6	Cu, Ci	5.4	39	0	9
	414	ASWÂN	110	4	50	03	2	4	AC	4.3	42	10	15
Oases	417	SÎWA	30	8	14	00	0	0	—	14.4	29	1?	17
	420	BAHARÎYA	360	3	35	02	1	1	Ac	11.0	29	16?	46
	423	FARAFRA	20	10	35	02	1	4	Ci	11.5	31	3	17
	432	DAKHLA	360	19	35	01	2	4	Cu	8.2	33	8	21
	435	KHARGA	360	6	15	02	2	3	AC	6.2	37	12	22
Red Sea	450	SUEZ	310	5	50	02	0	4	Sc	9.6	29	14	40
	459	TÔR	140	9	15	03	2	7	Ac	9.1	28	25	83
	462	HURGHÂDA	90	9	18	17	2	6	Ac	8.5	28	25	84
	465	QUSEIR	90	13	15	01	1	4	Ac	8.2	28	22	70
	641	PORT SUDÂN	70	10	30	03	1	5	cb, Ac	7.1	31	25	70
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	180	4	30	03	1	6	Cu, Ci		41	10	16
	660	KAREIMA	200	7	30	02	0	1	Cu	1.4	42	5	11
	680	ATBARA	210	1	30	03	1	4	Cu	1.8	41	9	15
	721	KHARTOÛM	240	5	30	03	0	4	Cu, Ci	1.6	40	10	16
	730	KASSALA	160	4	30	01	1	1	Cu, AC	2.0	40	12	19
Central Sudan	751	WÂD MEDANI	230	9	35	02	1	6	Cu	2.2	39	14	23
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	270	9	30	02	0	5	Cu	0.2	39	13	21
	760	EL FASHER	320	1	30	03	1	5	Cu, Ci		39	2	10
	770	GENEINA	200	5	30	02	1	4	Cu, Ci		38	7	15
S. Sudan	840	MALAKÂL											
	880	WÂU	180	1	30	03	1	4	Cu	3.9	35	21	44
	941	JUBA	230	6	30	15	2	7	cb, AC	5.3	32	21	52

At 1800 on Sunday 17th

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
SALLOÛM	320	13	15	00	0	0	—	16.2	19	7	22	-5	46	0
SÎDI BARRÂNI	330	6	14	02	0	0	—	15.9	19	13	22		68	0
MATRÛH (A)	340	8	14	01	1	0	—	14.8	19	11	22		60	0
EL DAB'AA	340	12	7	01	1	3	Cu	14.3	19	13	23		68	0
ALEXANDRIA	310	10	35	01	2	1	Cu	14.2	18	15	23	-3	63	0
ALEXANDRIA (A)	320	14	12	01	1	3	SC	13.8	18	14	23	-4	78	0
DAMIETTA	270	5	7	03	1	4	Cu, AC	13.0	20	15	23	-4	73	0
PORT SAÎD (A)	330	12	14	02	0	2	Cu	12.8	20	16	23	-3	78	0
EL ARISH	340	2	14	01	8	3	Sc, Ci	11.7	20	16	24		78	dr.
DAMANHÛR	40	9	15	02	0	0	—	13.5	20	13	25	-5	64	0
MANSÛRA	340	5		00	0	0	—	13.4	20	15	28	-4	73	0
TANTA	360	2	35	02	0	0	—	13.5	18	15	28	-4	83	0
SHEBÎN EL KÔM	340	5	15	03	0	0	—	13.5	20	13	29		64	0
ZAGAZIG	320	1	35	02	0	0	—	12.8	21	16	31	-1	74	0
ISMA'ILIA	20	5	35	01	0	0	—	12.6	22	13	31		57	0
CAIRO (A)	340	7	12	00	0	0	—	12.7	22		30			0
CAIRO ALMÂZA (A)	340	11	15	00	0	0	—	12.7	22	13	30	-3	57	0
CAIRO EZBEKÎYA	350	5	10	00	0	0	—	12.7	21	14	30	-3	65	0
GIZA	350	5	10	00	0	0	—	13.1	22	11	29	-3	50	0
HELWÂN	320	19	15	01	1	0	—	12.7	22	11	29	-3	50	0
FAYOÛM	360	9	35	02	1	1	Cu, SC	12.0	23	10	32	-2	44	0
MINYA (A)	350	1	8	01	2	3	Ci	10.2	24	10	31	-5	41	0
ASYOÛT (A)	320	4	12	01	2	5	Ac, Ci	9.2	28	8	34	-3	29	0
NAG HAMÂDI	320	2	7	01	1	3	Ac	8.6	29	12?	39	+2	35	0
QENA	270	1	7	02	1	2	Ci	7.4	31	19?	42	+4	49	0
LUXOR (A)	200	8	12	03	1	4	CS	6.4	33	12	42		28	0
ASWÂN	360	3	50	01	1	2	AC		39	10	43	+4	17	0
SÎWA	40	15	8	01	0	0	—	16.3	24	5?	30	-4	30	0
BAHARÎYA	360	5	15	02	1	2	Ac	13.5	25	14?	31	-4	51	0
FARAFRA	360	4	15	01	1	2	Ci	12.3	26	7	32		30	0
DAKHLA	340	15	15	01	2	4	Cu	8.6	30	1	35	-3	16	0
KHARGA	360	2	15	01	2	1	AC	7.6	30	8	39	+1	25	0
SUEZ	360	5	15	01	0	0	—	12.7	23	15	30	-3	61	0
TÔR	310	5	15	01	1	4	Ac	9.2	27	24	31	0	83	0
HURGHÂDA	210	7	12	02	9	0	—	8.0	25	21	31	+2	79	2
QUSEIR	360	5	15	13	6	6	Ac, Ci	7.5	28	22	28	-3	70	dr.

At 0600 on Monday 18th May, 1953

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALLOÛM	290	13	15	00	0	0	—	17.6	+4.6	19	9	14	-3	52	0	37	
SÎDI BARRÂNI	310	13	14	02	0	0	—	17.1		20	13	17		64	0	109	
MATRÛH (A)	320	10	14	02	0	0	—	16.0	+2.1	20	13	14		64	0	52	
EL DAB'AA	340	9	15	01	1	3	Cu	15.9		20	17	17		83	0	95	
ALEXANDRIA	310	5	50	03	0	5	Cu	15.2	+1.3	19		17	-1	73	0	125	185
ALEXANDRIA (A)	310	11	18	03	2	6	SC	14.8	+1.5	21		18	+1	69	0	122	138
DAMIETTA	340	5	7	02	1	3	Cu, AC	14.8	+1.5	20	13	3?	-5	64	0	56	105
PORT SAÎD (A)	280	6	12	01	0	1	SC	14.8	+1.7	20	1	8	-2	64	0	61	
EL ARISH	240	4	30	01	1	3	Cu, Sc	14.2	+0.8	21	1	6		65	dr.	46	
DAMANHÛR	360	9	15	02	1	1	Cu	15.0	+1.3	21	12	15	-1	57	0	43	100
MANSÛRA	40	3	15	00	0	0	—	15.0	+1.6	21	14	14	-2	65	0	48	54
TANTA	270	2	35	01	1	2	Cu	14.6	+0.8	21	12?	12	-3	57	0	18	42
SHEBÎN EL KÔM	340	5	15	01	1	2	Ci	15.4	+1.7	21	7?	13		41	0		
ZAGAZIG	00	0	35	02	0	0	—	14.6	+0.9	22	13	13	-2	57	0	29	27
ISMA'ILIA	320	2	35	03	1	3	Cu	15.1		21	12	15		57	0	32	
CAIRO (A)	330	3	12	03	0	3	SC	15.5		19	12	13		64	0	7	
CAIRO ALMÂZA (A)	360	7	12	02	2	4	SC	15.2	+2.2	18	14	16	-2	78	0	8	
CAIRO EZBEKÎYA	20	4	10	01	2	5	Sc	15.2	+2.1	20	11	17	0	56	0	15	25
GIZA	20	4	10	01	2	5	SC	15.4	+2.3	19	12	15	0	64	0	43	25
HELWÂN	320	4	15	02	0	0	—	15.1	+2.1	18	10	16	-2	60	0	3	28
FAYOÛM	360	6	35	02	1	3	Cu, SC	15.0	+2.1	19	12	14	-3	64	0	14	8
MINYA (A)	360	12	8	02	0	0	—	14.8	+1.9	19	12	15	-2	64	0	1	
ASYOÛT (A)	330	9	10	02	0	0	—	14.7	+2.6	19	12	17	-3	64	0	2	
NAG HAMÂDI	320	10				2	AC				14	22	+3		0	0.3	
QENA	270	2	35	00	0	0	—	11.1	+0.5	30	17	23	+2	46	0	2	
LUXOR (A)	220	2	30	02	2	6	AC	10.4	-0.1	30	10	25		29	0	1	
ASWÂN	340	6	50	01	1	2	AC	9.1	-1.5	30	17	26	+2	46	0	2	
SÎWA	350	2	13	03	0	1	CS	18.4	+4.1	18	13	12	-4	73	0	2	8
BAHARÎYA	360	3	35	02	1	2	Cu	15.8	+2.5	18	15	13	-4	83	0	dr	7
FARAFRA	20	9	35	02	1	3	Ci	16.3		20	13	14		64	0	1	
DAKHLA	20	11	50	01	1	4	Ci	12.6	+0.5	24	3	20	0	26	0	0	
KHARGA	360	9	7	00	0	0	—	10.8	-0.3	24	9	21	0	38	0	dr.	
SUEZ	360	4	35	00	0	3	Cu	15.2	+2.7	21	12			57	0	45	17
TÔR	310	9	35	02	0	0	—	12.8	+2.3	24	19?	22	+2	74	0	Rain	13
HURGHÂDA	330	22?	14	02	0	2	Sc	11.5	+1.1	23	20?	22	+1	84	2	9	
QUSEIR	20	2	15	03	2	7	AC	10.7	+0.2	26	18	23	-1	62	dr	12	4

REMARKS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		M. Matruh		Alex A.P		Abuqir		P. Said		El Arish		Minya		Asyut		Luxor		Aswan		Sinn	
DATE	17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5		17-5	
TIME	14		14		15		14		14		14		14		14		1415		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	19	340	23	320	21	320	17	340	12	350	12	360	23	320	20	360	13	140	6	10	16
600 m.	350	24	340	17	320	22	350	10	320	16	310	11	360	22	320	16	10	10	140	5	350	23
1000 m.	350	30	340	15	310	19	330	10	310	17	310	9	350	27	340	12	20	6	190	3	350	23
1500 m.	350	30			330	13	330	7	300	21			340	16	270	14	150	9	160	4	10	16
2100 m.					330	14	170	10									220	10	230	5	360	18
2400 m.																					360	23
3000 m.																					330	23
4000 m.																					300	23
5000 m.																						
6000 m.																					290	24

STATION	Dakhala		K Harga				El-Arish		Abuqir		Alex A.P		Minya		M. Matruh		P. Said		Asyut			
DATE	17-5		17-5				18-5		18-5		18-5		18-5		18-5		18-5		18-5			
TIME	14		14				02		04		02		02		04		02		02			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	14	20	21			290	6	340	6	320	10	350	20	320	14	300	9	350	12		
600 m.	350	10	20	28			320	9	350	7	330	10	360	30	340	16	290	10	20	19		
1000 m.	340	13	20	23			300	8	330	9	340	13	10	26	350	19	260	6	350	20		
1500 m.	300	29							320	14			350	28	340	20	280	16	330	24		
2100 m.									280	8					330	17						
2400 m.									280	14					340	22						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Fraafra		Abuqir		Alex. A.P.		S. Barrani		Dakhala		Minya		Helwan		Asyut		K Harga		Sinn		Bahalia	
DATE	18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5		18-5	
TIME	08		09		08		08		08		08		0745		08		08		08		08	
ALTITUDE	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	13			310	9	320	23	50	4	360	30	340	10	350	8	360	17	40	12	360	7
600 m.	20	15	330	5	360	6	340	10	40	9	10	26	340	3	350	10	10	23	40	14	360	16
1000 m.	40	17	350	5	340	11	340	6	30	9	20	11	20	4	340	10	360	24	40	15	360	16
1500 m.	320	9	310	9	350	4	20	17	360	11	340	13	280	8	280	12	350	18	10	16	360	25
2100 m.	320	17	300	10	330	7	360	15	290	10	310	25	320	5	260	17			10	17		
2400 m.	340	14							280	10			310	16	260	19			10	18		
3000 m.			270	26									270	31	270	30			340	16	10	5
4000 m.			260	25									250	15					270	16		
5000 m.													260	25					290	19		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo. A.P																					
DATE	17-5																					
TIME	1500																					
	ALT. m.	TEMP. °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																								
1000 mb.	97	28		320	9																			
950 mb.																								
900 mb.																								
850 mb.	1507	14		340	6																			
800 mb.																								
700 mb.	3140	9		240	19																			
600 mb.																								
500 mb.	5517	-14		240	48																			
400 mb.	7472	-26																						
300 mb.	9482	-43																						
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE TUESDAY 19th MAY 1953

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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow

التغيرات المنتظرة فى حالة الطقس عن ظهر اليوم الى ظهر غد

Cool weather to Middle Egypt continues, rather

يستمر اعتدال الجو اثناء النهار على الوجه البحرى

cold by night; but rather hot in Upper Egypt

على العموم يبقى الجو باردا نوعا ما ليلا وحارا نهارا

Winds moderate NE with some cloud in the north and fair elsewhere

فى الوجه القبلى. الرياح شمالية شرقية معتدلة السرعة مع قليل من السحب فى الشمال والجو صحو فى الاماكن الاخرى

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 59 U.T. / " " Sunset 16 43 U.T.

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

At 1200 on Monday 18th

DIRECTION Deg	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 %
40	9	15	00	0	0	—	18.0	23	10	44
310	10	18	02	0	0	—	17.6	22	14	61
340	13	14	03	0	2	Sc	16.5	22	12	53
340	10	35	01	1	3	Cu	16.4	22	11	50
330	13	50	01	1	3	Cu	15.6	21	15	69
340	15	18	03	1	4	Cu	15.5	22	16	69
360	10	30	01	0	0	—	14.9	22	15	65
360	13	15	02	1	1	Cu, Ac	14.6	26	10	37
320	5	35	00	0	0	—	14.3	28	7	27
310	5	35	01	1	2	Cu	15.0	27	11	37
340	9	35	01	1	2	Cu	14.2	27	11	37
00	0	50	02	0	0	—	14.2	28	13	40
320	8	18	03	0	2	Ci	13.9	27	6	27
300	8	30	03	1	2	Ci	14.1	26	7	30
290	3	30	01	1	2	Ci	13.6	28	11	36
290	3	30	01	1	2	Ci	14.3	28	10	33
320	13	15	02	0	0	—	13.9	26	10	37
340	11	10	03	1	5	Ci	13.0	28	7	27
340	9	30	03	1	4	Ci	12.0	32	-2	11
270	1	15	02	1	5	Ac, Cs	9.5	36	13	25
270	1	50	03	1	2	Ci	8.0	39		
340	5	30	02	2	5	Ac, Cs	7.6	39	8	15
00	0	50	03	2	3	Ac	5.1	42	10	15
340	2	14	02	2	5	Ac, Ci	17.8	27	2	20
360	7	35	02	2	5	Ac	15.2	28	13	40
350	4	35	03	1	7	Ci	17.2	28	3	20
340	11	50	00	0	0	—	13.0	30	-4	11
360	9	7	02	2	5	Ac	9.6	34	3	14
360	4	50	01	0	0	—	14.4	27	9	33
310	13	35	03	1	4	Ac	10.4	27	21	70
340	14	12	03	0	3	Ac, Ci	9.9	27	18	58
20	13	15	01	1	2	As	8.6	26	20	70
30	5	35	02	2	5	Cu		40	14	21
50	2	35	02	1	3	Cu	0.9	39	16	26
50	1	30	14	1	6	Cb	0.4	39	11	18

At 1800 on Monday 18th

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	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
340	9	15	00	0	0	—	17.5	17	12	26	-1	64	0
300	3	14	02	0	1	Cu	17.1	19	16	22		83	0
310	4	15	02	0	1	Ci	17.0	19	14	23		73	0
320	4	7	01	1	1	Cu	16.9	15	13	23		88	0
310	6	35	01	0	0	—	17.2	19	14	23	-3	73	0
340	8	14	02	1	3	Cs	17.1	19	14	23	-4	73	0
320	5		00	0	0	—	16.6	20	15	23	-4	73	0
350	11	15	01	0	0	—	15.8	20	17	24	-2	83	0
00	0	14	03	1	1	Cu	14.7	19	14	24		73	0
360	9	15	02	1	1	Cu	16.1	21	12	27	-3	57	0
360	5		00	0	0	—	15.6	21	14	28	-4	65	0
360	2	35	01	1	2	Cu	15.8	20	17	28	-5	83	0
340	9	15	00	0	0	—	15.9	22	11	29		50	0
00	0	35	02	0	0	—	15.5	23	12	31	-1	50	0
20	5	35	01	0	0	—	15.2	22	11	31		50	0
360	6	35	02	1	1	Ci	13.9	25	11	30	-4	42	0
360	5	8	05	1	4	Ac	13.5	20	10	29	-7	53	0
350	5	12	03	1	5	Ac, Cu	12.4	26	2	33	-4	21	0
270	1	7	01	1	3	Cs	10.6	27	9	36	-7	33	0
210	1	7	02	1	4	Cc	10.3	32	10	40	+1	26	0
300	5	12	01	2	5	Cs	9.3	32	10	40		26	0
360	13	7	35	3	4	Ac	7.2	39	7	43	+4	14	0
00	0	8	02	1	4	As, Cu	16.3	24	6	29	-5	32	0
360	3	15	02	2	6	Ac	14.8	24	12	29	-6	47	0
340	19	35	01	1	3	Ci	11.8	27	-2	31	-7	15	0
360	6	15	01	1	3	Ac	10.8	27	2	35	-3	20	0
310	5	15	02	0	0	—	15.2	22	11	28	-5	50	0
40	5	15	03	2	4	Ac	11.9	28	15	31	0	45	0
360	18	12	03	0	0	—	10.7	28	18	28	-1	55	0
360	9	15	02	1	1	Cu	9.8	27	17	28	-3	55	0

* 9 = Sky obscured by fog etc.

At 0600 on Tuesday 19th May, 1953

AREA	INDEX NUMBER	STATION	WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER w	CLOUD AMOUNT 0-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	BAR. PRESSURE Diff. from normal mb.	TEMPERATURES °C. Dry Bulb	TEMPERATURES °C. Dew Point	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	RAINFALL mms. Past 24 hrs.	RAINFALL mms. Total From Oct. 1st	RAINFALL mms. Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	320	5	15	00	0	0	—	17.3	+4.3	20	13	15	-2	64	0	37	
	303	SÎDI BARRÂNI	330	11	14	02	0	1	Sc	16.5		19	15	16		78	0	109	
	308	MATRÛH (A)	300	5	14	02	0	3	Sc	15.9	+2.0	19	14	15		73	0	52	
	309	EL ḌAB'AA	340	6	15	01	1	3	Cu	16.0		20	15	15		73	0	95	
	319	ALEXANDRIA	40	5	50	03	0	3	Cs	16.0	+2.1	20	16	18	0	78	0	125	185
	318	ALEXANDRIA (A)	10	10	18	02	1	2	Ac	15.9	+2.7	21	15	17	0	69	0	122	138
	330	DAMIETTA	110	2	7	03	1	5	Cu, Ac	16.2	+3.0	23	15	16	-2	61	0	56	105
	333	PORT SAÏD (A)	40	2	12	03	1	6	Sc, Ci	16.0	+2.9	22	16	19	-1	69	0	61	
	336	EL 'ARISH	180	3	30	03	2	6	Sc, Cs	14.7	+1.4	21	13	14		61	0	46	
LOWER EGYPT	339	DAMANHÛR	90	5	15	02	1	1	Ci	15.9	+2.2	22	13	14	-2	57	0	43	100
	342	MANŞÛRA	20	3	15	03	2	6	Ac	15.9	+2.5	21	14	14	-2	65	0	48	54
	348	ṬANṬA	00	0	35	01	1	4	Cu	15.6	+1.9	21	14	13	-2	65	0	18	42
	360	SHEBÎN EL KÔM	20	2	15	01	1	2	Ci	15.6	+1.9	20	15	13		73	0		
	354	ZAGAZIG	00	0	35	02	0	0	—	15.8	+2.2	22	15	15	0	65	0	29	27
	441	ISMA'ÎLIA	360	2	35	03	1	6	Ci	15.8		22	15	15		65	0	32	
CAIRO AREA	366	CAIRO (A)	00	0	12	03	2	5	Sc	15.7		20	14	15		69	0	7	
	372	CAIRO ALMÁZA (A)	90	6	18	03	2	6	Cu	15.9	+3.0	19	14	16	-2	73	0	8	
	374	CAIRO EZBEKÍYA	00	0	10	02	2	6	Cu	16.0	+2.9	20	15	17	0	73	0	15	25
	375	GIZA	00	0	10	02	2	6	Cu	16.2	+3.1	21	14	15	0	65	0	4.3	25
	378	HELWÂN	20	11		01	1	3	Cu, Ci	15.8	+2.8	20	13	17	-1	64	0	3	28
UPPER EGYPT	381	FAYOÛM	360	6	35	01	1	1	Ci	15.6	+2.7	21	14	16	-1	65	0	14	8
	387	MINYA (A)	350	10	8	02	1	1	Ci	14.8	+2.0	21	14	15	-2	65	0	1	
	393	AṢYOÛṬ (A)	330	10	12	02	2	7	Ac	13.8	+1.8	21	12	19	-1	57	0	2	
	399	NAG' ḤAMÂDI	00	0	7	02	1	2	Cu, Ac	13.0	+2.2	25	11	19	0	42	0	0.3	
	402	QENA	260	1	35	03	1	3	Ci	11.5	+1.0	29	14	19	-2	40	0	2	
	405	LUXOR (A)	260	2	30	03	1	7	Cs	11.3	+0.9	29	14	22		20	0	1	
	414	ASWÂN	340	8	15	30	3	7	Cu	9.3	-1.2	29	12	26	+2	35	0	2	
OASES	417	SÎWA	90	2	14	03	0	3	Cs	18.2	+4.0	20	11	15	-1	56	0	2	8
	420	BAHARÎYA	20	2	35	02	0	0	—	16.3	+3.0	19	14	15	-2	77	0	dr	7
	423	FARAFRA	20	10	35	02	1	1	Ci	16.6		22	6	16		36	0	1	
	432	DAKHLA	20	19	35	01	1	8	Cu	13.0	+1.0	24	3	21	+1	26	0	0	
	435	KHARGA	360	7		02	2	8	Cs	11.1	0.0	24	9	22	0	38	0	dr	
RED SEA	450	SUEZ	360	4	35	00	0	3	Cu	15.0	+2.5	23	12			50	0	45	17
	458	TÛR	310	9	15	03	1	8	Ac	12.2	+1.7	24	19	19	-2	74	0	Rain	13
	462	HURGHÂDA	330	19	18	03	0	2	Ci	11.4	+1.1	24	14	20	-1	54	0	9	
	465	QUSEIR	360	9	15	03	2	7	Ac	10.8	+0.3	27	16	24	0	52	0	12	4
	841	PORT SÛDAN																	
NORTH SUDAN	600	WÂDI HALFA																	
	840	ABU ḤAMAD																	
	660	KAREIMA																	
	680	ÂṬBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani	Hurghada	Matruh	Alex. A.P.	P. Said	El Arish	Almaza	Minya	Asyut	Luxor	Aswan
DATE	18-5	18-5	18-5	18-5	18-5	18-5	18-5	18-5	18-5	18-5	18-5
TIME	14	14	14	14	14	13	14	14	14	14	14
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	330 18	350 12	330 16	330 19	350 21	340 9	340 13	320 20	320 17	350 23	360 8
600 m.	330 21	10 14	310 11	340 16	350 18	300 12	350 35	340 21	320 18	340 20	350 8
1000 m.	340 14	310 12	340 24	330 12	350 12	270 11	350 43	350 26	350 18	340 13	360 5
1500 m.	350 14	270 5		350 12	290 14	270 15	360 30	350 19	330 17	320 13	
2100 m.	330 26				280 12	250 18	350 19		300 13	310 5	
2400 m.						260 17	340 21		260 12	220 12	
3000 m.						270 24			280 20	180 8	
4000 m.											
5000 m.											
6000 m.											

STATION	Siwa	Dakhla	Kharga		El Arish	Alex. A.P.	Luxor	Matruh	Asyut	Minya	P. Said
DATE	18-5	18-5	18-5		19-5	19-5	19-5	19-5	19-5	19-5	19-5
TIME	14	14	14		3	2	2 30	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.	20 10	350 32	10 22		220 2	330 15	210 6	310 13	20 10	360 32	30 5
600 m.	10 11	350 37	10 29		300 3	330 13	30 13	340 10	40 17	20 23	30 6
1000 m.	10 8	350 42	10 30		30 4	340 14	50 10	30 8	20 12	10 12	60 5
1500 m.	30 5	360 20					40 5	330 10	340 12	20 11	
2100 m.	70 8						120 10	30 11			300 15
2400 m.	50 6						120 10	330 11			260 16
3000 m.	40 7						160 8	300 14			270 13
4000 m.	340 14							260 19			
5000 m.	280 13										
6000 m.	280 14										

STATION	Minya	Siwa	Dakhla	S. Barani	Asyut	Matruh	Bahariya	Helwan	Alex. A.P.	P. Said	
DATE	19-5	19-5	19-5	19-5	19-5	19-5	19-5	19-5	19-5	19-5	
TIME	8 30	8	8	8	8	8	8	7 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.	10 16	00 0	30 8	330 7	330 7	330 7	20 9	20 5	340 5	350 5	
600 m.	20 23	340 2	10 6		330 16	340 5	20 11	40 3	10 4	30 2	
1000 m.	40 5	110 8	350 5		340 7	40 1	30 16	60 4	30 6	300 1	
1500 m.	340 7	20 23			220 2	50 9	360 13	300 16	20 12	360 7	
2100 m.	70 10	350 30				60 4		280 11	290 7	20 7	
2400 m.		350 31				300 10	20 28	250 16	310 10	30 9	
3000 m.		340 22				260 14		250 25	280 15	50 13	
4000 m.		310 4							260 16		
5000 m.		320 6									
6000 m.		290 10									

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																	
DATE	18-5-53																	
TIME	1500																	
	ALT. m	TEMP. °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.	123	28		350	9															
950 mb.																				
900 mb.																				
850 mb.	1527	13		320	5															
800 mb.																				
700 mb.	3138	6		270	18															
600 mb.																				
500 mb.	5810	-12		260	36															
400 mb.	7477	-25																		
300 mb.	9507	-40																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE WEDNESDAY 20th MAY 1953

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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow* التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Cool weather in Lower and Middle Egypt, hot elsewhere. Medium clouds in Upper Egypt with risk of light showers. Winds moderate N.E. General slight rise in temperature tomorrow.

يستمر اعتدال الجو نوعا فى مصر الوسطى وفى البحيرة وشمال الصعيد. الجو حار فى باقى انحاء الجمهورية. تتوقع سحب متوسطة فى اقاصى الصعيد مع خطر امطار خفيفة. الرياح شمالية شرقية معتدلة. تتوقع ارتفاعا طفيفا فى درجة الحرارة غدا.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 59 U.T. / Sunset 16 44 U.T.

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

At 1200 on Tuesday 19th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	20	19	35	00	0	0	—	17.4	22	13	57
	303	SÎDI BARRÂNI	330	9	18	02	0	1	Ci	17.0	21	16	74
	306	MATRÛH (A)	350	5	14	02	0	0	—	16.4	21	14	65
	309	EL DAB'AA	360	6	35	01	1	2	Cu	16.0	22	15	65
	319	ALEXANDRIA	310	9	50	02	0	3	Ci	16.7	22	15	65
	318	ALEXANDRIA (A)	340	15	18	01	1	3	Ci	16.2	24	16	61
	330	DAMIETTA	360	5	35	02	1	6	AC	15.6	24	12	47
	333	PORT SA'ÎD (A)	10	9	30	02	2	5	Ci	15.6	24	17	65
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	40	5	15	02	1	2	Ci	15.6	27	7	33
	342	MANSÛRA	360	5	35	03	2	7	Ac	15.0	28	7	27
	348	TANTA	270	8	35	03	2	7	Cu	15.5	28	10	33
	360	SHEBÎN EL KÔM	340	9	35	01	1	3	AC	15.2	27	11	37
	354	ZAGAZIG	00	0	50	02	0	0	—	14.4	30	11	31
	441	ISMA'ILÎA	20	2	35	03	1	3	Ci	13.8	28	7	27
Cairo Area	366	CAIRO (A)	40	12	18	02	1	3	Ac, Ci	13.9	28	6	25
	372	CAIRO ALMÂZA (A)	40	16	30	02	2	2	Ci	13.5	28	5	23
	374	CAIRO EZBEKÎYA	60	2?	18	01	2	3	Ci	13.1	30	12	33
	375	GIZA	60	2?	18	01	2	3	Ci	13.8	31	10	28
	378	HELWÂN	360	13	15	02	1	1	Ci	13.6	29	3	19
Upper Egypt	381	FAYOÛM	360	6	35	02	1	2	Ci	13.3	30	1	16
	387	MINYA (A)	340	14	10	00	1	2	Ci	12.4	30	6	21
	393	ASYOÛT (A)	360	5	30	02	2	5	Ac	10.3	33	7	20
	399	NAG' HAMÂDI	270	1	7	03	2	8	Ac, Cs	9.5	30	15	40
	402	QENA	270	1	50	02	1	5	Ci	8.2	37	19	35
	405	LUXOR (A)	20	10	30	02	2	6	Ac, Ci	8.4	38		
	414	ASWÂN	320	6	50	03	2	8	Cu	6.3	38	14	24
Oases	417	SÎWA	280	2	14	01	1	3	Ci	17.2	27	6	27
	420	BAHARÎYA	360	3	35	02	2	3	CS	14.2	30	11	31
	423	FARAFRA											
	432	DAKHLA	340	15	35	01	2	5	Cu	11.2	31	3	17
	435	KHARGA	360	9	7	02	2	5	Sc, Cu	9.5	34	4	22
Red Sea	450	SUEZ	360	7	50	01	0	2	Cu	13.1	28	7	27
	459	TÔR	270	5	15	03	2	8	Ac	11.8	25	10	30?
	462	HURGHÂDA	340	16	18	01	0	4	Ac, Ci	13.2	26	16	55
	465	QUSEIR	20	9	15	03	2	8	Ac	9.9	27	10	35
	641	PORT SÛDÂN	40	13	30	01	2	3	Ci	7.5	33	25	63
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	360	2	30	01	2	7	Cu, Ac		42	10	15
	660	KAREIMA	30	11	30	17	2	7	Cu, Ac	0.7	42	12	17
	680	'ATBARA	00	0	30		1	5	Cu, Ci	0.2	43	13	17
	721	KHARTOÛM											
	730	KASSALA	90	3	30	03	1	7	Cb, Ac	999.9	42	19	14
Central Sudan	751	WÂD MEDANI											
	801	RENK	180	13	35	02	2	8	Sc		29	18	52
	802	ROSEIRES	230	5	50	01	1	3	Cu	4.5	34	21	47
	771	EL OBEID											
	760	EL FASHER	00	0	50	01	2	6	Ac, Ci		36	11	22
	770	GENEINA	220	1	30	03	2	8	Cu, CS		32	17	41
S. Sûdân	840	MALAKÂL	340	6	30	61	6	8	Ns	10.6	23	22	94
	880	WÂU	20	3	30	02	6	8	Ns	8.4	24	21	84
	941	JUBA											

At 1800 on Tuesday 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.	Temp. Dry Bulb °C	Temp. Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	70	9	15	03	2	7	Sc, Cu	15.8	19	14	22	-5	73	0
303	SÎDI BARRÂNI	60	5	13	02	0	0	—	16.1	19	16	22		83	0
306	MATRÛH (A)	00	0	12	02	0	0	—	16.0	18	14	22		78	0
309	EL DAB'AA														
319	ALEXANDRIA	40	6	35	01	0	0	—	17.4	19	16	23	-3	83	0
318	ALEXANDRIA (A)	360	9	12	01	0	0	—	16.5	17	16	24	-3	83	0
330	DAMIETTA	320	5		01	0	1	AC	15.6	20	17	26	-1	83	0
333	PORT SA'ÎD (A)	10	13	18	02	1	1	Ci	14.9	21	16	24	-2	74	0
336	EL 'ARISH														
339	DAMANHÛR	40	5	15	02	1	2	Ci	15.2	22	13	28	-3	57	0
342	MANSÛRA	40	5		03	2	4	AS	15.9	21	14	29	-3	65	0
348	TANTA	270	2	35	01	1	4	Cu, AS	15.5	20	15	29	-4	73	0
360	SHEBÎN EL KÔM	340	5	15	00	0	0	—	15.6	21	12	29		57	0
354	ZAGAZIG	00	0	35	02	0	0	—	15.8	22	11	31	-1	50	0
441	ISMA'ILÎA	40	2	35	01	0	0	—	15.2	21	12	29		57	0
366	CAIRO (A)	70	16	12	03	0	3	AC, Ci	15.6	24	7	30		34	0
372	CAIRO ALMÂZA (A)	40	11?	12	03	0	7	AC	14.7	24	6	29	-4	32	0
374	CAIRO EZBEKÎYA	30	6?	10	03	1	5	Ac	15.3	24	12	30	-3	47	0
375	GIZA	30	6?	10	03	1	5	AC	15.1	25	5	31	-2	28	0
378	HELWÂN	20	22	7	03	2	7	Ac, Cc	14.3	24	3	30	-3	26	0
381	FAYOÛM	360	6	35	02	1	2	Ci	13.1	26	7	31	-3	30	0
387	MINYA (A)	320	5	8	02	6	5	AC	12.1	25	6	32	-4	30	dr.
393	ASYOÛT (A)	260	6	12	03	2	8	AC	12.3	29	1	35	-2	17	0
399	NAG' HAMÂDI	270	1		02	1	6	Cu, Ac	11.2	29	14	33	-4	40	0
402	QENA	270	1	7	02	8	5	Ci	10.6	33	19	38	-1	44	dr.
405	LUXOR (A)														
414	ASWÂN	00	0	50	03	2	7	Cu	8.4	35	11	39	0	23	0
417	SÎWA	00	0	8	01	0	0	—	15.0	24	3	31	-4	26	0
420	BAHARÎYA	20	1	15	01	1	0	—	14.2	26	12	31	-4	42	0
423	FARAFRA	360	3	15	00	0	0	—	13.9	25	-8	32		11	0
432	DAKHLA	340	15	15	01	2	5	Cu	11.5	29	-7	32	-6	9	0
435	KHARGA	40	6	7	03	2	8	Ac	10.2	30	8	35	-3	25	0
450	SUEZ	310	4	15	03	0	4	Cu	14.6	23	10	30	-3	44	0
459	TÔR	310	5	15	01	2	7	AC	11.6	27	17	29	-2	55	0
462	HURGHÂDA	330	7	12	02	2	5	AC	11.2	25	19	26	-3	70	0
465	QUSEIR	360	5	15	01	1	4	Ac	11.2	27	16	29	-2	52	0
641	PORT SÛDÂN											35			
600	WÂDI HALFA														
640	ABU HAMAD														
660	KAREIMA											45			
680	'ATBARA											43			
721	KHARTOÛM											43			
730	KASSALA											43			
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES											35			
771	EL OBEID														
760	EL FASHER														
770	GENEINA														
840	MALAKÂL														
880	WÂU														
941	JUBA														

At 0600 on Wednesday 20th May, 1953

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
62300	SALLOÛM	240	3	15	00	0	0	—	16.3	+3.3	21	12	15	-2	57	0	37	
303	SÎDI BARRÂNI	170	5	10	28	4	0	—	15.6		17	15	12		88	0	109	
306	MATRÛH (A)	120	3	10	03	0	1	Sc	15.9	+2.0	20	15	14		73	0	52	
309	EL DAB'AA																	
319	ALEXANDRIA	40	5	50	02	0	0	—	16.8	+3.0	22	16	18	0	69	0	125	185
318	ALEXANDRIA (A)	50	7	18	01	0	0	—	16.6	+3.5	22	15	14	-3	65	0	122	138
330	DAMIETTA	326	5	7	02	0	2	AC	16.7	+3.5	21	16	18	0	74	0	56	105
333	PORT SA'ÎD (A)	40	9	15	01	0	1	Sc	16.6	+3.5	22	17	19	-1	74	0	61	
336	EL 'ARISH	120	3	30	03	2	6	Cu, Sc	15.2	+1.9	22	16	15		69	dr.	46	
339	DAMANHÛR	360	9	15	02	0	0	—	17.2	+3.5	22	13	16	0	57	0	43	100
342	MANSÛRA	70	3	15	00	0	0	—	16.3	+3.0	22	15	15	-1	65	0	48	54
348	TANTA	270	2	35	02	0	0	—	16.2	+2.5	23	15	14	-1	61	0	18	42
360	SHEBÎN EL KÔM	20	2	15	00	0	1	Ci	16.6	+3.0	21	16	14		74	0		
354	ZAGAZIG	00	0	35	02	0	0	—	15.8	+2.2	23	16	13	-3	65	0	29	21
441	ISMA'ILÎA	40	5	35	01	0	0	—	15.8		22	15	16		65	0	32	
366	CAIRO (A)	70	10	14	00	0	0	—	16.2?		22	14	17		61	0	7	
372	CAIRO ALMÂZA (A)	110	15	14	00	1	0	—	15.4	+2.5	21	14	17	-1	65	0	8	
374	CAIRO EZBEKÎYA	60	6?	10	00	0	●	—	15.2	+2.1	21	15	17	0	69	dr	15	25
375	GIZA	60	6?	10	00	0	0	—	15.5	+2.4	22	14	18	+3	61	dr.	43	26
378	HELWÂN	20	19	15	02	0	0	—	14.7	+1.8	23	10	19	+1	44	0	3	24
381	FAYOÛM	00	0	35	02	0	0	—	15.1	+2.2	23	12	17	0	50	0	14	8
387	MINYA (A)	340	9	8	02	0	0	—	14.2	+1.5	22	12	16	-1	53	dr.	1	
393	ASYOÛT (A)	300	5	10	02	0	0	—	13.5	+1.5	22	9	18	-2	44	0	2	
399	NAG' HAMÂDI																	
402	QENA	270	2	35	03	1	2	Ci	11.8	+1.4	31	19?	24	+3	49	dr	2	
405	LUXOR (A)	140	3	30	02	2	6	Sc	11.2	+0.9	30	9	26		27	0	1	
414	ASWÂN	00	0	50	01	1	2	AC	11.1	+0.6	33	12	26	+2	28	0	2	
417	SÎWA	00	0	14	00	0	0	—	17.1	+2.9	20	7	13	-4	43	0	2	8
420	BAHARÎYA	360	2	35	02	0	0	—	15.8	+2.5	21	10	16	-1	50	0	dr.	7
423	FARAFRA	20	4	35	00	0	0	—	14.6		24	3	15		26	0	1	
432	DAKHLA	20	11	50	00	0	0	—	14.3	+2.3	26	4	19	-1	25	0	0	
435	KHARGA	40	2	7	02	2	6	Cb	13.0	+2.0	27	6	20	-2	27	0	dr	
450	SUEZ	310	7	35	00	0	5	Cb	15.0	+2.6	24	14			54	0	45	17
459	TÔR	310	9	35	02	0	0	—	13.2	+2.8	24	19	19	-2	74	0	Rain	13
462	HURGHÂDA	340	17	14	02	0	2	Ci	11.8	+1.5	24	17	22	+1	65	0	9	
465	QUSEIR	360	9	15	03	1	5	AC	11.8	+1.4	27	17	25	+1	55	0	12	4
641	PORT SÛDÂN	360	1	30	02	2	8	Ac, Ci	10.4		31	24	29		66	0		
600	WÂDI HALFA																	
640	ABU HAMAD																	
660	KAREIMA	180	10	30	03	2	7	AC	8.1		32	18	29		43	0.4		
680	'ATBARA	70	5	30	03	6	8	Ns	8.7		28	21	26		66	1		
721	KHARTOÛM	90	5	30	60	6	8	Ns	9.0		26	21	23		74	2		
730	KASSALA	250	1	30	02	2	7	Ac	10.8		30	19	25		52	dr.		
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES	230	2	35	02	1	3	Cu	10.4		28	19	23		58	0		
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	S. Barani	Matruh	Minya	Asyut	Aswan	Siwa	Dakhla	Kharga	Hurghada					
DATE	19-5	19-5	19-5	19-5	19-5	19-5	19-5	19-5	19-5					
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	DIR SPEED	DIR SPEED	DIR SPEED
300 m.	10 9	340 5	340 15	70 8	10 16	220 4	340 18	10 21	320 21					
600 m.	340 4	290 5	350 16	40 12	360 14	230 4	350 16	10 25	320 13					
1000 m.	280 5	250 3	360 17	30 10	10 13	10 10	350 17	20 27	300					
1500 m.	260 9	360 2	360 16	360 11	30 25	10 13	360 25		340 14					
2000 m.	270 10	230 8	320 9	270 7	40 19	360 19	280 23							
2500 m.	290 17	230 16		270 14	40 18	360 12								
3000 m.	290 17	210 19		260 13		320 9								
4000 m.				250 20		300 16								
5000 m.														
6000 m.														

STATION	Matruh	P. Said	EL Arish	Minya	Asyut				W. Halfa	P. Suaan	Fasher	Juba		
DATE	20-5	20-5	20-5	20-5	20-5				20-5	20-5	20-5	20-5		
TIME	4	2	3	2	2				3	3	4	4		
ALTITUDE	DIR SPEED	DIR SPEED	DIR SPEED	DIR SPEED	DIR SPEED	DIR SPEED			DIR SPEED	DIR SPEED	DIR SPEED	DIR SPEED	DIR SPEED	
300 m.	130 8	50 13	40 6	360 29	360 13				90 8	360 10				
600 m.	10 6	40 9	20 8	30 47	20 19				120 17	350 8		330 4		
1000 m.	80 4	60 8	50 9	20 31	330 12				60 12	20 10	160 7	20 7		
1500 m.	90 14		40 10	290 16	240 11				80 7	90 25	250 5	20 10		
2000 m.			150 4								310 9			
2500 m.			190 14		250 11				360 7		350 7			
3000 m.			240 16						340 7	130 19	50 9	100 9		
4000 m.			210 19											
5000 m.											10 7			

STATION	S. Barani	Matruh	Alex. A.P.	P. Said	Almaza	Helwan	Minya	Asyut	Siwa	Baharia	Dakhla			
DATE	20-5	20-5	20-5	20-5	20-5	20-5	20-5	20-5	20-5	20-5	20-5			
TIME	8	8	8	8	9	7 45	8	8	7 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.	200 7	100 3	50 9	20 9	30 10	50 15	360 14	300 9	140 15	20 19	360 10			
600 m.	200 7	190 6	50 8	20 9	30 25	40 51	320 9	320 14	140 14	10 21	340 11			
1000 m.	260 10	240 7	70 6	10 16	30 23	40 48	350 6	320 13	180 5	20 25	10 7			
1500 m.	270 12	290 13	360 9	350 8			320 1	280 12	320 6	20 19	360 12			
2000 m.	280 14	290 12	320 10	160 7			250 7	220 17	360 8					
2500 m.	290 9	280 11	250 5	230 12			260 6	220 23	330 6					
3000 m.	290 15	290 15	230 10	240 16				240 30	260 13					
4000 m.									280 21					
5000 m.														
6000 m.														

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	19-5-53																			
TIME	1500																			
	ALT. m	TEMP °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
SFC	123	29		30	20															
950 mb																				
900 mb																				
850 mb	1532	15		60	9															
800 mb																				
700 mb	3156	7		230	19															
600 mb																				
500 mb	5839	-10		250	43															
400 mb	7525	-21		240	28															
300 mb	9587	-36		220	26															
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE THURSDAY 21st MAY 1953

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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow*

Temperature rises especially in the west, but remains cool near coast in the east.

Patches of high clouds and winds mainly moderate NE.

التغيرات المنتظرة فى حالة الطقس خلال اليوم التالى

ترتفع درجة الحرارة خاصة فى الغرب ولكن تنخفض على الساحل الشرقى. والسماء صحو جزئيا مع رياح معتدلة شمالية شرقية.

Printed by the Survey of Egypt 1952 (52/934)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 59 U.T. / Sunset 16 45 U.T

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

At 1200 on Wednesday 20th

WIND Direction Deg	WIND Velocity in 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	9	35	00	0	0	—	14.7	24	12	47
40	12	18	02	0	0	—	15.2	22	12	53
40	11	18	02	0	0	—	14.8	24	12	47
20	7	7	00	0	0	—	16.1	22	13	57
40	11	50	02	0	0	—	16.4	22	15	65
10	13	18	02	0	0	—	15.8	24	12	47
340	5	35	00	0	0	—	15.6	23	15	61
10	12	30	02	0	0	—	15.7	23	16	65
40	5	15	02	0	0	—	15.6	27	11	37
320	9	35	00	0	0	—	14.8	29	9	29
360	8	35	02	0	0	—	15.0	29	9	29
340	9	35	00	0	0	—	14.8	29	12	35
40	1	50	02	0	0	—	14.4	31	10	28
20	5	35	02	0	0	—	14.0	28	10	33
70	10	18	00	0	0	—	14.1	30	6	22
70	11	30	00	0	0	—	14.4	29	5	22
350	7	30	00	0	0	—	14.7	30	12	33
350	7	30	00	0	0	—	13.8	30	8	25
360	8	35	02	0	0	—	13.0	30	5	21
360	6	35	02	0	0	—	13.1	31	3	17
350	10	8	02	0	0	—	11.4	33	6	19
320	10	30	02	0	0	—	11.2	34	-1	11
320	1	15	01	1	5	cb, Ac	10.8	35	14	29
270	1	50	02	1	2	Ci	8.8	38	14	24
270	8	30	03	2	2	Cu	8.5	39	6	13
00	0	50	03	2	4	Ac	6.3	39	20	34
280	4	14	00	0	0	—	15.9	31		
360	3	35	02	0	0	—	13.9	31	12	31
80	4	50	00	0	0	—	11.1	34	3	14
360	2	15	02	1	4	cb	11.0	37	9	18
310	7	50	01	0	1	Cu			6	
310	9	35	02	0	0	—	10.8	29	18	52
350	12	30	02	0	2	Cu	10.3	27	20	66
20	5	15	01	1	3	Ac	9.6	27	21	70
150	3	30	03	6	7	Cu, Ac	6.3	36	14	27
140	4	30	03	2	7	cb, Ac	6.8	35	16	32
20	2	30	02	2	6	Cu, Cs	4.5	39	15	24
50	9	35	02	2	8	Ac	4.3	37	15	27
		30	01	2		Cu, Ac	6.2	33	18	41
210	10	30	03	2	8	Cu, As		30	17	46
180	2	30	02	2	6	Cu, Ac	6.9	33	22	53
340	2	30	01	2	2	Cu, Ac	8.0	31	21	55
50	3	50	03	2	7	cb, Cs	4.9	35	20	42

At 1800 on Wednesday 20th

WIND Direction Deg	WIND Velocity in 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.
40	23	15	00	0	0	—	12.6	20	15	24	-3	73	0
30	4	14	02	0	0	—	13.0	19	14	23		73	0
90	7	12	02	0	0	—	13.5	19	15	25		78	0
40	10		02	0	0	—	15.5	19	16	23	-3	83	0
40	10	12	02	0	0	—	14.8	19	15	24	-3	78	0
270	5		00	0	0	—	15.8	20	15	23	-4	73	0
30	12	14	03	0	1	SC	15.6	20	16	24	-2	78	0
360	3	14	01	1	2	Cu	14.7	20	15	24		73	dr.
40	9	15	02	0	0	—	15.2	22	13	28	-3	57	0
20	5		00	0	0	—	15.1	21	12	29	-3	57	0
360	2	35	02	0	0	—	15.2	20	11	30	-3	56	0
340	2	15	00	0	0	—	15.5	22	9	30		44	0
40	1	35	02	0	0	—	15.4	22	11	31	-2	50	0
40	5	35	02	0	0	—	14.6	21	14	29		65	0
70	16	12	00	0	0	—	14.3	23	8	31		38	0
70	16	14	00	0	0	—	13.8	24	6	30	-4	32	0
360	7	10	00	0	0	—	14.3	24	12	31	-2	47	0
360	7	10	00	0	0	—	14.4	25	8	31	-2	34	0
360	5	7	00	0	0	—	13.8	24	9	30	-3	38	0
360	6	35	02	0	0	—	13.6	26	10	32	-2	37	0
340	5	8	02	0	0	—	12.3	23	6	33	-3	34	0
300	3	12	03	1	2	Ac, Ci	11.2	27	4	35	-2	23	0
00	0	7	01	1	5	cb, Ac	10.6	30	13	36	-1	35	0
270	1	7	02	1	2	Ci	10.4	32	9	39	0	24	0
330	4	12	01	2	3	Cu	8.9	33	4	40		16	0
360	3	50	01	1	2	Ac	7.1	36	15	41	+1	29	0
00	0	8	00	0	0	—	13.5	25	5	33	-2	28	0
340	9	35	00	0	0	—	10.3	30	1	35	-3	16	0
360	30	15	00	1	1	Ac	9.6	32	2	38	0	15	0
310	7	50	01	0	0	—	14.3	21	12	30	-3	57	0
310	9	15	02	0	0	—	11.4	26	18	30	-1	62	0
320	19	12	02	0	3	Cu, Sc		27	16	27	-2	52	0
320	2	15	02	1	3	Ac	9.8	27	17	28	-3	55	0
										33			
										36			

At 0600 on Thursday 21st May, 1953

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	90	3	15	00	0	0	—	12.8	-0.2	22	11	15	-2	50	0	37	
	303	SIDI BARRANI	160	11	15	02	0	0	—	13.7		24	7	14		34	0	109	
	306	MATRUH (A)	120	3	30	02	0	0	—	14.1	+0.2	22	5	13		33	0	52	
	309	EL DABA'A																	
	319	ALEXANDRIA	160	5	50	02	0	0	—	14.6	+0.8	21	14	16	-2	65	0	125	165
	318	ALEXANDRIA (A)	180	6	18	00	0	0	—	14.7	+1.6	20	15	15	-2	73	0	122	138
	330	DAMIETTA	110	5	15	00	0	0	—	15.2	+2.0	22	15	15	-3	65	0	56	105
	333	PORT SA'ID (A)	80	8	14	03	0	1	Cu	15.1	+2.1	21	15	18	-3	69	0	61	
	336	EL 'ARISH	340	3	30	03	1	5	Cu, Sc	14.3	+1.1	22	17	14		74	dr.	46	
LOWER EGYPT	339	DAMANHÛR	40	5	15	02	0	0	—	15.2	+1.6	21	12	15	-1	57	0	43	101
	342	MANSÛRA	90	3	15	00	0	0	—	14.7	+1.4	22	15	16	0	65	0	48	54
	348	TANTA	90	2	35	02	0	0	—	15.3	+1.6	23	12	13	-2	50	0	18	43
	360	SHEBÎN EL KÔM	40	2	15	00	0	0	—	15.4	+1.8	21	14	14		65	0		
	354	ZAGAZIG	00	0	35	02	0	0	—	14.6	+1.1	21	14	13	-3	65	0	29	27
	441	ISMA'ILIA	40	2	35	01	0	0	—	14.7		21	14	14		65	0	32	
CAIRO AREA	368	CAIRO (A)	110	14	18	00	0	0	—	13.9		21	13	14		61	0	7	
	372	CAIRO ALMAZA (A)	110	11	30	00	0	0	—	14.1	+1.3	22	12	15	-2	53	0	8	
	374	CAIRO EZBEKÎYA	60	4	10	00	0	0	—	13.8	+0.8	23	13	16	-2	53	0	15	26
	375	GIZA	60	4	10	00	0	0	—	14.0	+1.0	23	12	13	-2	50	0	43	26
	378	HELWÂN	40	11	15	02	0	0	—	13.6	+0.7	23	8	15	-3	38	0	3	29
UPPER EGYPT	381	FAYOÛM	360	4	35	01	0	0	—	13.9	+1.1	22	11	15	-3	50	0	14	8
	387	MINYA (A)	350	8	8	02	0	0	—	13.8	+1.1	20	11	13	-4	56	0	1	
	393	ASYOÛT (A)	300	10	14	02	1	2	Ac, Ci	13.2	+1.2	22	7	17	-3	38	0	2	
	399	NAG HAMÂDI	00	0	7	02	1	6	Cu, Ac	11.5	+0.8	26	12	20	+1	42	0	0.3	
	402	QENA	270	1	35	03	1	2	Ci	10.6	+0.2	27	11	22	+1	37	0	2	
	405	LUXOR (A)																	
	414	ASWÂN	360	3	50	03	2	3	Ac	9.4	-1.1	31	20	27	+3	52	0	2	
OASES	417	SÎWA	110	2	14	00	0	0	—	14.4	+0.2	23	5	15	-2	32	0	2	8
	420	BAHARÎYA																	7
	423	FARAFRA																	
	432	DAKHLA	20	11	50	01	1	6	Cu	13.2	+1.2	26	4	19	-1	25	0	0	
	435	KHARGA	360	1	15	00	0	0	—	10.3	-0.6	29	9	22	0	29	0	dr	
RED SEA	450	SUEZ	310	3	35	00	0	0	—	13.9	+1.5	24	12	17	-2	47	0	45	17
	459	TÛR	310	9	35	02	0	0	—	12.0	+1.6	24	18	21	0	69	0	Rain	13
	462	HURGHÂDA	330	19	18	02	0	3	Cu, Sc	11.1	+0.9	24	14	23	+2	54	0	9	
	465	QUSEIR	360	2	15	01	1	2	Ac	10.7	+0.4	27	16	24	0	52	0	12	4
	641	PORT SÛDAN																	
NORTH SUDAN	600	WÂDI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	ATBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SÛDAN	840	MALAKÂL																	
	880	WÂU	220	1	30	02	2	7					21	23			0		
	941	JUBA	200	6	50	03	2	8	cb, Ac	11.3		24	22			89	Rain		

REMARKS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P		P. Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla	
DATE	20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5		20-5	
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	9	310	6	20	6	360	21	350	9	360	17	360	13	330	19	350	7	00	0	330	20
600 m.	340	8	250	7	10	11	360	21	350	19	190	17	360	16	330	30	340	9	00	0	340	18
1000 m.	290	7	220	6	30	11	340	16	350	14	190	20	360	19	330	28	350	10	00	0	350	18
1500 m.	220	12	160	10	40	19	330	12	320	6			40	20	350	22			310	19	360	20
2100 m.	230	21	180	11	40	15									330	8			290	17	350	23
2400 m.	240	21	190	18											290	6			290	20		
3000 m.	260	24	180	15											250	29			290	21		
4000 m.	260	26																	250	27		
5000 m.																			240	49		
6000 m.																						

STATION	Kharga		Harghada				Matruh		Minya				N. Halfa		El Fasher		Jicha					
DATE	20-5		20-5				21-5		21-5				21-5		21-5		21-5					
TIME	14		14				4		2				4		4		4					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	340	18	180	6			150	13	340	7			50	3								
600 m	330	22	100	4			140	8	330	7			280	5			220	13				
1000 m	330	23	120	3			150	11	320	5			290	7	340	7	240	12				
1500 m	330	24	290	5			220	17	330	13			260	6	130	2	260	9				
2100 m							280	11					130	5			340	5				
2400 m							290	10					150	7	70	10	350	5				
3000 m													260	5	50	26	330	2				
4000 m																						
5000 m													260	25								
6000 m																						

STATION	S. Barani		Matruh		Alex. A.P.		Almaza		Helwan		Asyut		Luxor		Siwa		Dakhla		Kharga			
DATE	21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5			
TIME	8		8		8		9		7		8		8	15	6	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	200	10	160	6	100	6	40	5	20	9	330	16	270	2	140	16	20	5	10	13		
600 m	200	8	170	12	40	2	30	9	30	10	340	16	320	3	160	16	20	10	10	15		
1000 m	220	6	180	23	40	4	20	17	20	13	320	10	310	5	180	10	20	11	360	10		
1500 m	240	7	240	11	340	11	350	5	360	10	340	16	300	3	210	5	10	6	20	4		
2100 m			290	7	340	14			280	4	220	2	270	7	220	6	300	10	290	8		
2400 m			270	14	330	13			220	9	160	3	280	10	260	10			280	10		
3000 m			240	17					230	17	230	8			290	16						
4000 m															250	23						
5000 m															260	41						
6000 m															250	26						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	20-5-53																			
TIME	1500																			
	ALT. m.	TEMP. °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.	123	29		10	13															
950 mb.																				
900 mb.																				
850 mb.	1532	14		360	13															
800 mb.																				
700 mb.	3142	5		270	17															
600 mb.																				
500 mb.	5818	-10		240	22															
400 mb.	7493	-24		250	26															
300 mb.	9533	-38		250	32															
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 22nd MAY 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing
02 Sky generally unchanged
03 Cloud forming or developing
(during last hour)
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in 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)
(within sight during past hour)
20 Drizzle (not freezing)
21 Rain („ „)
22 Snow
23 Rain and snow
24 Freezing drizzle or rain
(not falling as shower (s))
25 Shower (s) of rain
26 „ of snow, or of rain and snow
27 „ „ hail, „ „ „ „ hail
28 Fog
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
92 Moderate or heavy rain
93 Slight snow *
94 Moderate or heavy snow *
(Thunderstorm during preceding hour but not at time of observation)
95 Thunderstorm slight or moderate without hail
96 „ „ „ with „
97 „ heavy without hail
98 „ with duststorm or sandstorm
99 „ heavy with hail
(Thunderstorm at time of observation)

* or rain and snow mixed

PAST WEATHER "W"

0 Clear (no cloud at any level)
1 Partly cloudy
2 Continuous layer (s) of cloud
3 Sandstorm or duststorm
4 Fog or thick dust haze
5 Drizzle
6 Rain
7 Snow
8 Showers
9 Thunderstorm

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

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

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Hot weather continues except over the eastern part of the coast. Sky clear and winds mainly moderate northeast.

يستمر الجو حارا فيما عدا منطقة شرقى الساحل. السماء صحوة عامة والرياح جنوبية الى شمالية معتدلة

Printed by the Survey of Egypt 1952 (52/384)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 58 U.T. — Sunset 16 45 U.T.

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

At 1200 on Thursday 21st

WIND Direction Deg.	WIND Velocity 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 %
200	19	35	00	0	0	—	12.9	34?	9	22
60	15	15	02	0	1	Cu	10.8	29?	9	29
50	12				0	—			7	
70	13	35	00	0	0	—	12.5	25	15	54
20	13	18	02	0	0	—	13.6	26	14	48
40	9	30	02	0	0	—	14.3	23	16	65
330	6	30	02	0	0	—	13.0	23	15	61
40	9	15	02	0	0	—	13.3	30	11	31
360	5	35	00	0	0	—	13.5	29	12	35
40	8	35	02	0	0	—	13.0	31	7	22
20	12	18	02	0	0	—	13.6	30	4	19
70	10	30	00	0	0	—	12.6	30	2	17
20	4	30	00	0	0	—	11.6	31	9	26
20	4	30	00	0	0	—	12.2	32	6	20
360	11	35	02	0	0	—	11.9	31	-1	12
350	3	8	02	0	0	—	10.2	33	1	13
270	1	15	01	1	3	Cs	9.3	37	9	18
270	1	50	02	1	3	Ci	7.0	39	3	11
40	2	35	02	0	0	—	11.6	34	12	27
360	7	35	00	0	0	—	11.8	32	-3	10
360	4	50	00	0	0	—	10.3	35	-4	8
40	2	15	00	0	0	—	8.4	36	4	13
310	9	35	01	0	2	Ac, Ci	9.5	27	19	62
60	13	30	02	0	2	Sc	9.0	26	20	70
360	9	15	02	1	2	Ci	8.8	29	18	52
50	12	50	02	2	6	AC	6.4	33	19	44
10	11	30	02	2	7	Cu, AS	6.1	38	7	15
310	1	30	02	2	7	AC		38	8	17
340	9	30	02	0	3	Ac	5.0	38	1	10
50	5	30	01	2	5	Cu, Ac	2.8	40	8	14
90	6	30	03	2	5	Cu	3.1	39	14	23
230	2	30	03	1	4	Cu	0.5	42	12	17
00	0	35	02	1	6	Cu		39	16	26
320	1	30	01	1	3	Cu	2.5	37	15	27
110	3	30	02	2	8	Cu, Sc		36	11	22
120	1	10	05	2	4	Cu, AC		34	12	27
230	9	30	15	6	7	Cb, Ci	5.9	33	20	47
200	11	30	95	2	7	Cu, Sc	6.1	31	21	55
20	7	50	02	2	7	Cb, Ci	8.0	29	21	62

At 1800 on Thursday 21st

WIND Direction Deg.	WIND Velocity Knots	Visibility Km (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
340	19	15	00	0	0	—	11.6	20	14	34	+7	69	0
10	9	14	02	0	0	—	10.7	20	16	32		78	0
70	9	12	02	1	5	Ac	10.8	21	16	32		74	0
90	10	7	01	1	0	—	11.9	20	17	29		83	0
40	6	35	02	0	0	—	13.5	21	14	26	0	65	0
50	8	14	02	0	0	—	14.0	20	15	27	0	73	0
20	5	7	02	0	0	—	14.6	21	16	25	-2	74	0
40	12	18	02	0	0	—	14.1	21	17	24	-2	78	0
350	4	14	02	0	0	—	13.7	20	15	24		73	0
00	8	15	02	0	0	—	14.0	22	13	31	0.	57	0
40	5		00	0	0	—	13.9	22	13	30	-2	57	0
20	2	35	02	0	0	—	13.9	22	15	32	-1	65	0
340	5	15	00	0	0	—	13.9	23	8	31		38	0
40	1	35	02	0	0	—	13.6	21	14	31	-2	65	0
20	2	35	02	0	0	—	13.9	21	12	30		57	0
70	17	12	02	0	0	—	13.8	24	9	31		38	0
60	12	12	00	0	0	—	12.7	25	9	31	-3	36	0
60	6	10	00	0	0	—	12.7	29	9	32	-1	29	0
60	6	10	00	0	0	—	12.6	26	7	32	-1	30	0
20	16	15	02	0	0	—	12.2	25	5	31	-2	28	0
00	0		02	0	0	—	11.6	26	4	33	-2	23	0
340	8	8	02	0	0	—	11.1	26	6	34	-2	28	0
290	6	14	02	0	0	—	10.3	27	2	36	-1	20	0
270	1	7	00	1	0	—	10.2	29	3	37	0	19	0
270	2	7	00	0	0	—	9.0	29	3	40	+1	19	0
360	3	50	03	2	4	Ci	7.1	36	17	40	0	33	0
20	0	10	02	0	1	Ci	11.6	28	4	35	0	22	0
00	0	15	02	2	4	AC	12.0	28	10	34	-1	33	0
00	0	35	00	0	0	—	11.6	29	6	36		23	0
20	4	35	01	1	3	Ci	9.4	30	-4	36	-2	11	0
00	0	15	00	0	0	—	9.3	30	4	37	-2	19	0
360	5	15	02	0	0	—	13.0	23	8	31	-2	38	0
270	5	15	02	1	0	—	10.4	26	18	30	-2	62	0
330	19	12	02	0	0	—	9.0	27	15	29	0	48	0
360	5	15	01	1	0	—	9.1	27	17	29	-2	55	0
										37			
										40			
										38			
										39			
										41			
										41			
										43			
										41			
										38			
										38			

At 0600 on Friday 22nd May, 1953

AREA	Index Number	Station	WIND Direction Deg.	WIND Velocity Knots	Visibility (in Km. (or m.))	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Pressure Diff. from normal mb.	Temperatures °C Dry Bulb	Temperatures °C Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOUM	140	3	15	00	0	0	—	11.4	-1.6	21	16	16	-4	74	0	37	
	303	SIDI BARRANI	240	7	14	02	0	2	CC	11.3		20	15	14		73	0	109	
	306	MATRUH (A)	180	17	14	02	0	1	Ci	10.9	-3.0	26	15	15		51	0	52	
	309	EL DABAA	160	4	15	00	0	0	—	12.6		24	16	13		61	0	95	
	319	ALEXANDRIA	110	8	50	02	0	0	—	13.4	-0.4	20	14	17	-1	69	0	125	185
	316	ALEXANDRIA (A)	130	9	18	02	0	0	—	13.4	+0.4	21	14	16	-1	65	0	122	138
	350	DAMIETTA	140	2	7	03	0	1	Cu	14.3	+1.2	23	18	18	0	74	0	56	105
	338	PORT SAÏD (A)	150	10	14	03	0	3	SC	14.3	+1.3	21	16	18	-3	74	0	61	
	336	EL ARISH	150	3	14	01	1	0	—	14.6	+1.4	21	14	15		65	0	46	
LOWER EGYPT	332	DAMANHUR	40	9	15	02	0	0	—	13.8	+0.2	21	12	15	-1	57	0	43	101
	342	MANSURA	90	3	15	00	0	0	—	13.3	+0.1	23	15	15	-2	61	0	48	54
	348	TANTA	180	5	35	02	0	0	—	13.0	-0.6	24	12	15	-1	47	0	18	43
	360	SHEBIN EL KÔM	40	5	15	00	0	0	—	13.9	+0.4	24	9	14		38	0		
	354	ZAGAZIG																	27
	441	ISMAILIA	40	2	35	01	0	0	—	13.6		23	8	15		38	0	32	
CAIRO AREA	366	CAIRO (A)	90	9	30	00	0	0	—	13.6		28	2	18		18	0	7	
	372	CAIRO ALMAZA (A)	00	0	12	00	1	0	—	12.6	-0.2	26	8	18	-1	32	0	8	
	374	CAIRO EZBEKIYA	00	0	10	00	0	0	—	12.3	-0.7	25	11	17	-1	42	0	15	26
	375	GIZA	00	0	10	00	0	0	—	12.6	-0.4	24	11	13	-2	44	0	43	26
	378	HELWAN	00	0	15	02	0	0	—	12.8	0.0	22	6	18	0	36	0	3	29
UPPER EGYPT	381	FAYOÛM	00	0	35	02	0	0	—	12.6	-0.2	22	0?	16	-2	23	0	14	8
	387	MINYA (A)	140	2	8	02	0	0	—	11.8	-0.8	23	6	13	-4	38	0	1	
	393	ASYOÛT (A)	270	2	10	02	0	0	—	12.1	+0.2	25	4	18	-2	26	0	2	
	399	NAG HAMADI	60	0	7	00	0	0	—	11.4	+0.8	27	9	18	-1	33	0	0.3	
	402	QENA	00	0	35	03	1	1	Cc	11.4	+1.0	32	9	20	-1	24	0	2	
	405	LUXOR (A)	80	2	30	03	1	2	Ci	11.4	+1.2	30	-3	21		11	0	1	
	414	ASWAN	360	6	50	01	1	2	Cc	10.2	-0.2	29	6	25	+1	23	0	2	
CASES	417	SIWA	20	3	14	02	0	2	AC	13.2	-1.0	23	2	16	-1	26	0	2	8
	420	BAHARIYA	40	1	35	02	0	0	—	12.8	-0.5	27	11	19	+1	37	0	dr.	7
	425	FAYAFIR	00	0	35	00	0	0	—	12.2		25	12	18		45	0	1	
	432	DAKHLA	270	4	35	03	1	5	Ci	11.2	-0.7	27	2	20	0	20	0	0	
	435	KHARGA	40	1	15	01	1	1	Cc	10.3	-0.6	26	10	22	0	37	0	dr.	
RED SEA	450	SUEZ	360	5	35	00	0	0	—	12.7	+0.3	28	10?	17	-2	33	0	45	17
	459	TOR	310	9	35	02	0	0	—	11.1	+0.8	24	18			69	0	Rain	13
	462	HURGHADA	330	18	30	03	0	3	Cs	11.2	+1.1	26	12?	22	+1	42	0	9	
	465	QUSEIR	360	13	15	03	1	4	Cc	10.7	+0.4	27	16	24	0	52	0	12	4
	641	PORT SUDAN	360	2	50	02	1	2	AC	8.9		32	24	25		63	0		
NORTH SUDAN	609	WÂDI HALFA	350	2	30	01	0	2	Ac, Cc	9.5		30	-3	23		11	0		
	640	ABU HAMAD	360	4	30	03	2	7	Ac, Cc			35	4	29		14	dr.		
	680	KAREIMA	40	6	30	01	2	5	Ac	8.6		33	8	29		15	dr.		
	680	ATBARA	350	6	30	03	0	4	AC	6.8		35	11	29		27	0		
	721	KHARTOÛM	320	6	30	02	2	7	Ac, Cs	8.1		31	17	28		43	dr.		
	730	KASSALA	200	8	30	02	0	1	AC	8.5		31	17	27		43	0		
CENTRAL SUDAN	751	WÂD MEDANI	230	9	35	02	2	8	Cs	9.2		28	20	23		62	2		
	801	RENK																	
	802	ROSEIRES	130	2	35	02	1	4	Cu	12.3		26	23	24		84	0		
	771	EL OBEID						7	Se, Ac	10.4		25	21	23		79	5.5		
	780	EL FASHER	180	8	30	02	2	8	Sc, Cu			23	18	22		74	dr		
	770	GENEINA																	
S. SUDAN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA	80	4	50	03	2	8	Ac, Cs			24	19			74	0		

METARS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barana		Matruh		P.Said		El Arish		Almaza		Minya		Asyut		Aswan		Siwa		Dakhla		Kharga	
DATE	21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5		21-5	
TIME	14		14		14		15		15		14		14 30		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	22	80	13	10	13	350	23	30	13	360	14	330	23	360	15	290	23	360	8	20	10
600 m.	230	9	130	10	10	16	10	15	30	17	360	26	340	29	350	20	290	16	10	9	20	18
1000 m.	220	9	160	7	30	14	10	12	20	20	350	19	340	23	360	20	300	15	360	8	30	17
1500 m.	230	16	220	13	350	9	300	7	30	10	340	18	360	22			360	8			360	15
2100 m.	220	28	220	16	290	9	240	15	320	19			30	14			300	17				
2400 m.	220	29	230	15			230	17	320	20							310	19				
3000 m.	210	24					200	15	270	10							300	24				
4000 m.																	240	8				
5000 m.																	280	23				
6000 m.																						

STATION	Matruh		Alex. A.P.		P.Said		El Arish		Almaza		Minya		Asyut		Atbara		Kassala		Malakal		El Obied	
DATE	22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5	
TIME	4		2		2		3		4		2		2		4		3		4		4	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	190	16	130	19	90	9	100	4	70	10	360	8	30	13								
600 m.	220	8	120	12	40	9	60	3	30	12	350	6	20	23	20	24	220	17	270	15		
1000 m.	260	7	120	10	360	10	360	14	10	12	10	7	10	18	10	23	220	24	260	18	330	14
1500 m.	270	13	110	10	340	34	320	10	350	13	20	12	10	26	30	14	230	11	240	25	350	6
2100 m.	240	16	140	10					350	13			340	12	70	7	110	5	110	9		
2400 m.	240	17							340	10					30	1			190	7	60	11
3000 m.									250	5					220	4	30	13	200	9	130	8
4000 m.									260	20							50	7				
5000 m.															290	6			70	14		
6000 m.															220	4						

STATION	Matruh		Alex. A.P.		P.Said		El Arish		Almaza		Helwan		Minya		Asyut		Siwa		Baharia		Dakhla	
DATE	22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5		22-5	
TIME	8		8		8		8		9		6 30		8		8		7 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	270	16	100	7	80	8	80	9	40	6	340	5	10	11	20	11	160	22	50	9	20	8
600 m	270	17	100	4	80	9	90	12	50	11	50	13	40	19	360	21	150	17	230	2	40	6
1000 m			120	5	10	13	50	15	20	4	10	12	10	24	10	18	150	7	210	7	60	10
1500 m			170	8	350	16	350	19	330	8	360	13	330	20	360	16	250	4	310	8	80	7
2100 m			310	9	330	20	320	13	330	7	350	13			270	11	270	6	320	9	200	3
2400 m			280	8	320	16	300	9			350	11			300	14	270	9	300	11		
3000 m			280	13	330	11	240	21	340	12	330	5			280	18	310	17	210	10		
4000 m			230	5							270	20					310	20				
5000 m			270	19													290	30				
6000 m			250	27													270	32				

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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Saturday 23rd May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: From noon today to noon Tomorrow, Heat wave continues except on the Eastern part of North Coast with clear sky and moderate easterly to southerly Winds.

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم حتى ظهر الغد تستمر الموجة الحارة باستثناء قطاعا بالجزء الشرقى من الساحل الشمالى حيث يسود الصحو مع رياح شرقية الى جنوبية معتدلة.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 57 U.T. — Sunset 16 46 U.T.

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

At 1200 on Friday 22nd

WIND DIRECTION Deg.	WIND VELOCITY IN 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 %
80	10	35	03	2	8	Cc	12.4	24	17	74
340	7	15	01	2	6	Cc	12.2	21	18	83
50	5	30	02	0	7	As	12.1	27	9	33
40	14	18	02	0	0	—	13.6	30	16	43
40	2	35	00	0	0	—	14.3	26	14	48
50	9	30	02	0	0	—	14.2	24	18	69
90	5	35	00	0	0	—	13.0	31	12	31
130	2	35	02	0	0	—	12.4	33	10	24
110	5	35	00	0	0	—	12.9	31	7	22
00	0	50	02	0	0	—	13.3	31	12	31
20	2	35	02	0	0	—	12.7	31	7	22
360	3	18	02	0	0	—	12.7	33	3	15
360	5	30	00	0	0	—	12.1	33	6	19
60	5	30	00	0	0	—	11.4	34	9	22
60	5	30	00	0	0	—	12.0	34	-1	11
270	8	35	02	0	0	—	11.6	32	-3	10
00	0	35	02	0	0	—	11.4	35	1	12
270	1	50	00	0	0	—	8.2	39	10	17
340	8	30	02	0	0	—	8.3	40	8	14
00	0	14	01	0	0	—	12.0	37	4	13
20	2	35	02	0	0	—	11.4	35	14	29
40	3	35	00	0	0	—	12.0	36	4	13
00	0	35	01	2	5	Cc	9.4	38	0	9
360	7	50	02	0	0	—	11.6	32	2	15
310	13	35	02	0	0	—	10.3	29	18	52
340	18	30	02	0	0	—	7.3	28	14	42
360	13	15	01	1	0	—	8.4	28	20	62
350	8	30	03	0	1	Cc	5.1	41	-1	5
00	0	30	01	2	7	Cu, Ac		45	10	13
340	5	30	03	1	6	Cu, Ac	3.7	41	9	15
310	8	30	03	2	8	Cb, Ac	6.2	36	15	29
230	8	30	02	1	3	Cu	3.5	39	16	26
180	9	35	02	2	8	Cu	9.1	31	21	55
130	9	35	02	6	6	Cu		29	20	59
100	1	30	01	2	6	Cu, Ac	6.8	33	19	44
00	0	50	02	2	8	Ac, Cs		32	13	31
360	4	30	03	2	6	Cu, Ac	9.2	31	21	55
90	3	50	01	2	7	Cu, Ci	7.7	31	21	55

* 9 = Sky obscured by fog etc.

At 1800 on Friday 22nd

WIND DIRECTION Deg.	WIND VELOCITY IN 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.
220	9	15	00	1	0	—	10.7	21	16	24	-4	74	0
90	4	14	02	0	0	—	10.6	20	17	25		83	0
100	2	4	01	1	3	Ac, Cc	11.1	20	13	32		64	0
90	2	7	01	1	1	Cu	11.8	20	17	31		83	0
90	5	35	03	0	3	Ci	12.7	23	12	30	+3	50	0
90	9	12	02	1	4	Ac	11.9	23	14	32	+5	57	0
140	2		00	0	1	Cu	13.8	22	15	26	-1	65	0
60	10	30	02	0	0	—	13.8	22	17	24	-2	74	0
130	9	15	02	0	0	—	12.6	23	15	33	+2	61	0
40	3		00	0	0	—	13.3	23	12	32	0	50	0
00	0	35	02	0	0	—	12.7	24	14	34	+1	54	0
20	5	15	00	0	0	—	13.3	26	10	33		37	0
00	0	35	02	0	0	—	12.3	25	11	34	+1	42	0
40	5	35	02	0	0	—	13.1	24	6	32		32	0
90	16	12	02	0	0	—	13.1	27	4	34		23	0
90	22	12	00	0	0	—	12.6	28	2	33	-1	19	0
70	9	10	00	0	0	—	12.7	27	8	34	+1	30	0
70	9	10	00	0	0	—	12.0	28	3	35	+2	20	0
40	19	15	02	0	0	—	11.5	28	0	34	+1	16	0
00	0	35	02	0	0	—	10.8	27	6	36	+1	27	0
20	3	8	02	0	0	—	11.2	25	8	36	0	34	0
00	0	12	02	0	0	—	11.4	29	6	37	0	23	0
00	0	7	00	0	0	—	11.2	28	13	38	+2	40	0
270	1	7	00	0	0	—	10.4		-5	40	+1	6	0
300	4	30	02	0	0	—	8.5	34	-3	40		9	0
00	0	50	00	0	0	—	8.7	36	7	41	+1	17	0
100	1	10	01	0	1	Ac	10.4	31		38	+3		0
00	0	15	02	0	0	—	11.9	28	18	36	+1	33	0
00.	0	15	00	0	0	—	11.6	30	5	38		21	0
50	4	35	00	0	0	—	9.5	32	2	39	+1	15	0
40	1	15	00	0	0	—	8.8	33	0	39	0	12	0
360	5	15	02	0	0	—	13.3	26	4	32	-1	25	0
310	9	15	02	0	0	—	10.8	25	17	32	0	61	0
310	12	12	01	0	0	—			13	29	-1		0
20	2	15	02	0	0	—	10.0	29	14	30	-1	40	0
										32			
										32			

(A) AERODROME

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOUM
	303	SIDI BARRÂNI
	306	MATRUH (A)
	309	EL DABA'A
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAÏD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANSURA
	348	TANTA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMAÏLIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMAZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWAN
UPPER EGYPT	381	FAYOUM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SIWA
	420	BAHARIYA
	426	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TOR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SUDAN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ATBARA
	721	KHARTOÛM
	750	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

At 0600 on Saturday 23rd May 1953

WIND DIRECTION Deg.	WIND VELOCITY IN 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
320	7	15	03	1	2	Sc	12.4	-0.6	22	18	15	-2	78	0	37	
350	2	11	02	2	6	Sc	12.0		20	17	16		83	0	109	
300	5	18	02	0	0	—	11.0	-2.9	22	16	15		69	0	52	
160	4	15	00	0	0	—	11.1		26	4	15		25	0	95	
110	2	35	01	0	0	—	11.6	-2.2	25	8	20	+1	34	0	125	185
160	4	18	02	0	0	—	11.5	-1.5	25	10	17	-1	39	0	122	138
140	2	7	00	0	0	—	12.6	-0.4	26	16	20	+2	55	0	56	105
130	4	12	02	0	0	—	12.2	-0.8	24	10	19	-2	41	0	61	
180	5	15	02	0	0	—	12.0	-1.6	22	13	16	0	57	0	43	101
140	3	15	00	0	0	—	12.2	-1.0	25	11	16	-1	42	0	48	54
00	0	35	02	0	0	—	11.4	-2.2	26	10	16	0	37	0	18	43
60	2	15	00	0	0	—	11.8	-1.7	26	7	17		30	0		
00	0	35	02	0	0	—	11.6	-1.8	26	10	15	-1	37	0	24	27
160	2	35	01	0	0	—	12.2		27	9	16		33	0	32	
110	7	14	00	0	0	—	12.2		31	1	21		15	0	7	
180	7	14	00	0	0	—	12.3	-0.4	30	2	20	+1	17	0	8	
00	0	10	00	0	0	—	11.6	-1.4	32	12	20	+2	29	0	15	26
00	0	10	00	0	0	—	11.8	-1.2	27	8	14	-1	30	0	43	26
90	5	15	02	0	0	—	11.5	-1.3	28	0	22	+4	16	0	3	29
00	0	35	02	0	0	—	12.0	-0.8	26	10	17	-1	37	0	14	8
110	4	8	02	0	0	—	11.3	-1.3	29	4	16	-1	20	0	1	
140	12	18	02	0	1	Cc	11.4	-0.5	30	-6	20	0	9	0	2	
00	0	7	01	1	5	Ac, Cc	12.2	+1.7	27	11	19	0	37	0	0.3	
360	1	35	00	0	0	—	11.9	+1.6	30	5	21	0	21	0	2	
110	6	50	00	0	0	—	10.6	+0.2	34	6	25	+1	18	0	2	
00	0	14	00	0	0	—	10.3	-3.8	25	7	18	+1	32	0	2	8
130	5	15	02	0	0	—	10.0	-3.2	29	9	20	+2	29	0	dr	7
00	0	35	00	0	0	—	11.8		28	4	18		22	0	1	
90	4	35	00	0	0	—	11.5	-0.4	30	-4	21	+1	11	0	0	
00	0	15	02	2	2	Cc	9.9	-0.9	30	5	23	+1	21	0	dr.	
180	4	35	00	0	0	—	12.3	0.0	27	11	17	-2	37	0	45	17
310	9	50	02	0	0	—	11.6	+1.4	28	17	23	+2	52	0	Rain	13
360	3	30	02	0	0	—	11.4	+1.3	26	16	21	0	55	0	9	
360	9	15	02	0	0	—	11.0	+0.8	29	12	24	0	35	0	12	4
		30	03	1	6	Ac			24	16	22		61	0		
180	3	50	02	2	6	As, Cs	9.8		26	22	22		79	0		

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex A.P																			
DATE	22-5																			
TIME	14																			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	9																		
600 m.	330	8																		
1000 m.	310	11																		
1500 m.	280	11																		
2100 m.	250	21																		
2400 m.	300	17																		
3000 m.	250	21																		
4000 m.																				
5000 m																				
6000 m.																				

STATION	Alex A.P		M. Matruh		Asyout		P. Said		EL Arish						Khartoum		Malakal		P. Sudan		El Obeid	
DATE	23-5		23-5		23-5		23-5		23-5						23-5		23-5		23-5		23-5	
TIME	02		04		02		02		03						05		04		03		04	
ALTITUDE	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	15	140	11	90	16	140	14	160	10									360	14		
600 m.	140	8	110	10	70	16	140	10	130	6					60	11	120	11	10	24		
1000 m.	70	9	80	8	40	13	190	3	40	4					50	15			40	21	300	5
1500 m.	20	10	150	9	360	11	350	14	310	13					40	19			40	9		
2100 m.	280	8	250	30	310	17			320	30											90	13
2400 m.	260	10	230	12	300	23			320	37					30	9	50	9	60	11	100	15
3000 m.	70	4	230	19											50	6	30	9	110	9		
4000 m.	60	3																				
5000 m.	60	3															30	12				
6000 m.																						

STATION	Hurgada		Helwan		S. Barrani		M. Matruh		Asyout		Dakhla		Kharga		Siwa		Minya		Bahaia			
DATE	23-5		23-5		23-5		23-5		23-5		23-5		23-6		23-5		23-5		23-5			
TIME	08		0645		08		08		08		08		08		715		08		08			
ALTITUDE	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	110	6	360	13	20	6	120	11	110	10	100	10	120	4	140	5	170	33		
600 m.			90	11					110	6	130	14	90	11	220	10	130	9	170	35		
1000 m.	340	3	70	13			180	14	80	7	140	13	90	13	210	27	130	10	170	29		
1500 m.	340	13	30	10			150	17	10	4	220	16	80	15	190	42	100	8	180	16		
2100 m.	320	16	250	10			190	18	320	14					220	33						
2400 m.	320	24	290	6			220	16	300	16					240	30	320	4				
3000 m.	300	33	300	18			220	23							250	24	290	17				
4000 m.			290	31											250	30						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo																			
DATE	22-5																			
TIME	1500																			
	ALT m	TEMP °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.	115	32		30	10															
950 mb.																				
900 mb.																				
850 mb.	1543	20		350	11															
800 mb.																				
700 mb.	3175	6		320	10															
600 mb.																				
500 mb.	5843	-10		230	22															
400 mb.	7523	-24																		
300 mb.	9554	-41																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Sunday 24th May 195

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous shallow fog less than 2 m. on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	within sight during past hour
20	Drizzle (not freezing)	not falling as shower (s) – 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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: From noon today to noon tomorrow Generally fair weather Getting somewhat milder in the Delta and Cairo area while continues hot in Upper Egypt. Some medium clouds Moderate winds mainly Northwesterly.

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر الغد عموما الجو صحو يعقبه ارتفاع بسيط فى درجة الحرارة بالوجه البحرى والقاهرة بينما يستمر الجو حارا بالوجه القبلى بعض السحب المتوسطة الارتفاع رياح معتدلة السرعة غربية شمالية غالبا

Printed by the Survey of Egypt 1952 (52/884)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 57 U.T. / Sunset 16 47 U.T.

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

At 1200 on Saturday 23rd

WIND DIRECTION Deg.	WIND VELOCITY IN 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 %
20	13	15	03	1	3	Sc	10.7	23	16	65
350	13	14	02	2	4	Sc	9.9	22	18	78
50	13	18	02	0	0	—	8.4	26	13	45
40	12	35	00	0	0	—	6.8	26	14	48
20	10	18	02	0	0	—	10.4	30	14	38
40	2	35	02	0	0	—	11.9	30	20	55
70	12	30	02	0	0	—	12.0	25	18	65
30	6	30	02	0	0	—	11.6	27	15	48
230	5	15	02	0	0	—	10.2	36	10	20
90	3	35	00	0	0	—	10.6	35	8	19
60	0	35	02	0	0	—	10.6	36	4	13
140	2	35	00	0	0	—	11.1	35	5	15
00	0	50	02	0	0	—	10.7	35	11	23
180	2	35	02	0	0	—	11.0	35	5	15
360	3	18	02	0	0	—	10.1	37		
90	5	30	00	0	0	—	9.9	36	-9?	5
00	0	30	00	0	0	—	8.8	37	11	25
00	0	30	00	0	0	—	9.6	38	2	11
00	0	35	02	0	0	—	9.5	37	2	11
00	0	35	02	0	0	—	7.4	39	3	11
130	6	30	03	1	3	Cᵢ	8.8	39	4	9
00	0	15	00	1	0	—	8.8	40	6	12
270	1	50	00	0	0	—	8.8	39	3	11
50	5	30	02	0	0	—	8.9	40	-4	6
00	0	50	00	0	0	—	7.1	41	8	14
270	8	14	03	0	1	Cs	8.8	37		
200	2	35	02	2	3	Ac	9.4	39	15	24
180	3	35	03	1	7	Cs	9.5	40	6	12
180	9	50	00	0	0	—	8.8	40	2	10
00	0	15	00	0	0	—	8.3	42	7	12
180	4	50	02	0	0	—	10.6	34	3	14
180	5	50	03	1	2	Cᵢ	10.6	30	17	46
100	6	30	02	0	2	Cᵢ	10.1	30	16	43
20	9	15	02	0	0	—	10.0	30	17	46
20	12	30	02	0	6	Ac	8.8	35	16	32
310	1	30	02	1	3	Cu, Ac	5.0	43	1	8
90	1	30	02	2	7	Cu, Ac		40	10	16
50	12	30	02	2	7	Cu, Ac	4.1		10	
70	5	10	01	5	7	Cu, Ac	3.9	41	8	14
50	7	30	03	1	4	Cu, Ac	3.6	39	13	21
310	9	35	02	1	5	Cu	3.9		14	
270	5	35	02	0	6	Cu		37	18	33
230	2	35	02	1	3	Cu	4.6	39	21	36
160	6	30	17	2	6	Cu, Ac	3.0	36	16	31
310	2	30	03	1	5	Cu	5.1	36	18	35
50	4	50	02	2	6	Cb	6.1	33	22	53

At 1800 on Saturday 30th

WIND DIRECTION Deg.	WIND VELOCITY IN 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.
20	19	15	02	1	3	Sc, Cᵢ	14.5	20	15	23	-5	73	0
350	5	12	01	0	1	Sc	10.6	20	17	23		83	0
310	15	14	01	0	0	—	8.0	20	18	27?		88	0
70	11	7	00	0	0	—	6.3	22	15	33?		65	0
60	18	35	02	0	0	—	8.2	25	8?	34	+7	34	0
90	20?	12	02	0	0	—	7.5	25	12	34	+7	45	0
40	2?		00	0	0	—							
80	20	18	02	0	0	—	10.4	24	16	31	+4	61	0
							10.6	24	17	28	+2	65	0
90	5		00	0	0	—	9.1	25	13	37	+5	47	0
110	0	35	02	0	0	—	9.3	27	11	37	+4	37	0
40	9	15	00	0	0	—	9.5	29	9	36		29	0
40	2	35	02	0	0	—	9.1	28	10?	37	+4	33	0
40	5	35	02	0	0	—	9.5	28	0?	36		16	0
70	10	12	01	0	0	—	8.8	32		38			0
110	14	14	00	1	0	—	8.4	32	-10?	38	+4	6	0
90	3	10	00	0	0	—	8.3	32	5	38	+5	18	0
90	3	10	00	0	0	—	7.8	32	2	39	+6	15	0
00	11	15	02	0	1	Cᵢ	7.8	32	-3	38	+5	10	0
00	0		02	0	0	—	7.0	29	9	39	+4	29	0
140	1	8	02	1	2	Cᵢ	8.1	27	8	39	+3	30	0
160	3	12	02	1	3	Ac, Cᵢ	8.1	32	-1	40	+3	12	0
		7	02	1		Sc, Ac	9.5	28		40	+3		0
00	0	7	03	1	2	Cᵢ	9.0	28	7	40	+1	27	0
00	0	12	02	0	0	—	9.1	33	7	41		20	0
00	0	50	03	2	4	Ac	7.4	38	5	42	+2	13	0
							8.3	34	-1				
320	9	15	03	1	8	Cs	8.3	34	3	40		14	0
00	0	15	00	0	6	Cu	7.1	36	-1	42	+4	10	0
00	0	15	00	0	0	—	7.2	31	-1	43	+4	12	0
40	3	15	02	0	0	—	9.0	28	7	36	+3	27	0
00	0	35	03	1	3	Cᵢ	9.2	26	20	32	0	70	0
180	6	14	01	1	3	Cᵢ	9.9	28	20	32	+2	82	0
180	2	15	02	0	0	—	9.5	27	19	31	+1	82	0
										38			
										44			
										42			
										42			
										42			
										39			
										37			
										37			
										33			

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	306	MATRÛH (A)
	309	EL DAB'AA
		ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAÎD (A)
	336	EL 'ARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANSÛRA
	349	TANTA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMAÎLIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
		CAIRO EZBEKÎYA
		GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG' HAMADI
	402	QENA
	405	LUXOR (A)
	414	ASWAN
OASES	417	SÎWA
	420	BAHARIYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	458	TOR
	462	HURGHADA
	465	QUSEIR
	641	PORT SUDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREÎMA
	680	ATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA

At 0600 on Sunday 24th May 1953

WIND DIRECTION Deg.	WIND VELOCITY IN 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
20	5	15	00	0	0	—	11.0	-2.0	22	15	17	-1	65	0	37	
330	9	13	02	2	4	Sc	10.7		20	16	18		78	0	109	
320	11	50	02	2	1	Ac	9.5	-4.3	20	17	17		83	0	52	
320	12	15	01	1	1	Cᵢ	7.0		21	18	17		83	0	95	
340	9	15	03	0	2	Cᵢ	7.6	-5.0	22	17	17	0	74	0	125	185
290	17	18	03	0	2	Cᵢ	7.9	-5.1	24	14	17	-1	54	0	122	138
140	5	7	03	1	5	Cᵢ, Ac	6.7	-4.3	27	16	22	+4	52	0	56	105
350	14	12	03	1	7	Ac	8.9	-4.1	28	10	23	+2	33	0	61	
160	3	30	02	1	1	Ac	8.9	-4.2	26	3?	18		23	0	46	
270	13	15	02	0	1	Ac	7.9	-5.6	27	13	19	+3	42	0	43	101
140	3	15	02	1	3	Ac	8.2	-5.0	26	11	18	+1	40	0	48	54
220	5	35	01	1	4	Ac, Cᵢ	8.4	-5.2	27	13	19	+3	42	0	18	43
220	9	15	01	1	2	Ac	7.3	-6.1	27	11	19		37	0		
00	0	35	02	0	0	—	9.4	-3.9	27	11	21	+5	37	0	29	27
160	2	35	03	2	7	As	9.0		30	13	22		35	0	32	
220	16	12	03	2	5	Sc, Ac	9.2		32	-3	25		10	0	7	
200	13	15	02	1	6	Cᵢ, Ac	8.7	-4.0	30	-2	26	+7	12	0	8	
00	0	12	01	2	4	Ac, Cᵢ	8.6	-4.3	31	9	25	+7	26	0	13	26
00	0	10	01	2	4	Ac, Cᵢ	9.1	-3.8	30	7	21	+6	24	0	43	26
140	5	15	01	1	4	Ac	9.1	-3.7	30	1	25	+7	16	0	3	29
00	0	35	02	1	3	Ac	9.6	-3.1	30	11	22	+4	31	0	14	8
160	1	8	02	0	0	—	9.5	-3.0	30	9	17	-1	27	0	1	
00	0	30	02	1	1	Ac	10.2	-1.7	33	3	23	+3	15	0	2	
320	1	35	02	0	0	—	10.7	-2.5	27	16	22	+4	52	0	dr.	7
360	3	35	00	0	0	—	11.0		28	4	20		22	0	1	
180	4	50	03	1	5	Cᵢ	9.5	-2.4	35	1	27	+7	12	0	0	
00	0	15	02	2	6	Ac	8.4	-2.4	30	13	23	+1	35	0	1	
180	5	35	00	0	5	Cu	9.6	-2.7	29	7	24	+5	25	0	45	17
140	2	50	01	1	2	Ac	10.3	+0.1	31	15	20	-1	41	0	Rain	13
80	2	18	02	0	1	Cu	10.4	+2.4	31	16	21	-1	33	0	9	
20	2	15	03	2	7	Ac	10.5	+0.7	27	11	24	0	37	0	12	4
00	0	30	01	2	3	Ac	5.7		34	12	25		27	0		
120	3	30	01	2	7	Ac	8.2		32	3	27		16	0		
320	10	30	02	2	2	Ac	7.7		33	15	28		34	0		
60	2	30	02	1	1	Cᵢ	7.2		35	-7	27		7	dr.		
90	3	30	01	2	1	Ac	6.8		34	11	30		25	0		
50	4	30	02	1	0	—	6.0		34	12	27		27	0		
330	4	30	01	2	6	Ac, Cs	7.7		28	17	25		52	0		
220	1	30	03	2	8	Ac, Cs	8.2		27	22	25		66	3		
130	6	30	02	0	2	Ac, Cs	9.5		27	23	24		79	0		

RETARDS

DATE	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		M. Matruh		Alex. A.P.		P. Said		El Arish		Almaza		Asyout		Luxor		Aswan		Dakhla		Kharga	
DATE	23-5		23-5		23-5		23-5		23-5		23-5		23-5		23-5		23-5		23-5		23-5	
TIME	14		14		14		14		14		15		15		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	350	12	80	15	50	21	40	9	30	15	10	8	350	7	320	3	340	9	180	7	90	10
600 m.			100	19	80	17	30	6	350	7	20	5	350	9	340	3	340	9	180	8	100	12
1000 m.			110	7	110	18	40	13	300	6	30	3	340	10	320	2	340	12	180	9	100	12
1500 m.			330	17	140	17	300	9	330	17	50	4	320	7	270	1			220	9		
2100 m.			340	19	160	18	240	16	300	15	150	3	280	9	260	5						
2400 m.			350	22	180	15	250	16	300	18	210	4	210	3	260	5						
3000 m.			350	23			260	20			240	6	250	12	290	9						
4000 m.			320	13																		
5000 m.																						
6000 m.																						

STATION	Hurghada				Almaza		Alex. A.P.		Asyout		M. Matruh		P. Said		Minya				El-Obied		El-Fasher	
DATE	23-5				24-5		24-5		24-5		24-5		24-5		24-5				24-5		24-5	
TIME	14				14		02		02		04		03		02				04		04	
ALTITUDE	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			200	17	270	14	150	16	320	14	140	35	170	8						
600 m.	340	21			220	19	250	17	200	19			150	30	260	4						
1000 m.	350	18			250	23	240	16	220	12			170	27	280	6			330	21		
1500 m.	340	19			250	15	250	22	220	15			220	27	260	5					30	7
2100 m.					250	19							230	28	210	20						
2400 m.					250	20							230	29	220	17			50	5	10	5
3000 m.					240	28													70	10	130	8
4000 m.																						
5000 m.																			140	8	140	11
6000 m.																			170	9	170	6

STATION	Hurghada		Minya		Bahria		Dakhla		S. Barani		Asyout		M. Matruh		P. Said		Helwan		Kharga			
DATE	24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5		24-5			
TIME	08		08		08		08		08		08		08		08		07		07			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	30	17	200	7	320	23	310	2	340	9	150	13	320	13	220	10	210	5	180	2		
600 m.	20	29	190	14	310	28	280	2			170	8	330	13	220	12	210	16	160	5		
1000 m.	20	35	190	13	310	45	190	3			190	10	320	17	240	16	240	7	150	23		
1500 m.			200	12							200	20	300	14	230	31	220	12	160	9		
2100 m.			210	14							230	23	260	12	230	28	220	25	220	5		
2400 m.											230	29	240	10			220	25	250	7		
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Monday 25th May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST From noon today to noon tomorrow. — من ظهر اليوم الى ظهر الغد — التغيرات المنتظرة فى حالة الطقس

Fairly mild in Delta & Cairo — معتدل نوعا فى الوجه البحرى والقاهرة وحار فى الصعيد

and hot in Upper Egypt. Clear sky with — والحرارة حارة فى الوجه القبلى صحو

light N W'ly winds. — رياح خفيفة غربية شمالية

Printed by the Survey of Egypt 1952 (52/334)

F C M

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 57 U.T. — Sunset 16 47 U.T.

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

At 1200 on Sunday 24th

WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	RELATIVE HUMIDITY %
320	S	14	02	1	1	Ci	11.8	22	16	69
330	10	18	02	1	2	Sc	10.8	22	17	74
320	7	35	00	0	0	—	10.6	24	16	61
240	10	50	01	0	0	—	9.8	23	18	74
290	19	18	02	0	0	—	9.6	26	18	62
200	S	15	02	1	5	Cu, Ac	8.2	35	11	23
270	13	15	02	1	1	Cu	9.3	30	15	40
18	3	35	03	2	6	Ac	8.6	35	8	19
220	8	35	01	1	2	Cu	8.3	35	11	23
220	1	50	02	1	0	—	8.6	36	15	29
250	5	35	03	2	8	Ac	7.8	37	6	14
290	21	14	03	0	3	Ac	8.3	36	4	13
290	12	30	03	1	4	Ac	8.3	36	6	15
290	3	30	02	1	4	Cu	7.9	36	13	25
290	3	30	02	1	4	Cu	8.4	37	6	14
290	12	35	02	1	1	Ac	8.3	35	1	12
360	4	35	02	1	3	Ac	8.6	38	5	13
250	9	8	02	0	0	—	8.1	41	2	9
260	12	30	03	0	2	Ac, Cu	8.0	42	-1	7
90	1	15	02	1	6	Ac, Cs	9.1	38	14	24
00	0	50	02	1	5	Cu	8.0	41	11	17
150	6	30	02	2	6	Cc	8.3	43	-2	6
180	3	50	03	2	8	Cu	7.8	41	11	17
320	2	35	02	0	0	—	9.5	36	15	29
340	7	35	03	1	3	Ci	11.0	38	6	14
180	4	50	01	2	5	Cu	8.6	42	-2	6
130	1	50	02	2	8	Ac, Cs		41	6	12
100	10	30	00	0	0	—			-3	
	S	30	03	2	6	Cu, Ci		38	15	25
60	8	30	03	0	4	Cb, Ac			16	
190	3	50	29	9	8	Cb, Ac		26	20	70

At 1800 on Sunday 24th

WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	TEMPERATURES °C MAXIMUM Today	TEMPERATURES °C MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
40	9	15	03	2	5	Sc	11.2	20	17	23	-5	83	0
40	6	14	02	1	4	Ci	10.6	20	17	23		83	0
20	2	12	03	1	7	Sc	10.7	20	18	24		88	0
340	5	7	01	1	1	Cu	10.7	20	18	24		88	0
240	4	35	03	0	2	Cu	11.6	20	18	25	-2	88	0
320	9	12	02	0	1	Sc	11.2	20	18	27	0	88	0
270	7		00	0	0	—	10.3	24	18	35	+8	69	0
310	9	15	01	0	1	Ac	9.8	25	17	36	+10	70	0
00	0	18	03	1	3	Ac	8.7	27	12	41		40	0
270	9	15	02	1	1	Cu	10.9	22	13	31	0	57	0
320	5		00	1	0	—	10.3	25	15	36	+4	54	0
290	5	15	00	0	0	—	10.7	23	18	36	+3	74	0
00	0	35	02	0	0	—	10.3	24	14	35		54	0
00	0	35	02	1	0	—	10.4	27	13	37	+4	42	0
290	7	12	00	1	0	—	11.2	28	8	37		29	0
320	8	12	00	1	0	—	10.7	28	9	36	+2	31	0
320	3	10	00	1	0	—	10.3	27	13	37	+3	42	0
320	3	10	00	1	0	—	10.3	28	12	38	+5	37	0
320	15	15	02	0	1	Ac	10.2	29	6	38	+5	23	0
00	0	35	01	1	2	Ac	9.4	29	9	38	+3	29	0
200	2	8	02	1	4	Ac, Cu	9.5	31	8	40	+4	24	0
200	2	15	00	0	0	—	9.1	32	9	42	+5	24	0
270	9	7	01	2	6	Cb, Ac	8.7	31	12	40	+3	31	0
270	7	7	02	1	5	Cu	9.5	31	10	42	+3	28	0
320	1	15	02	0	0	—	10.3	29	12	37	+2	35	0
270	28	35	00	0	0	—	11.2	29	3	38		19	0
270	28	0.8	35	3	9		9.1	35	5	43	+5	15	0
40	9	3	02	2	8	Ci	7.7	37	6	44	+5	14	0
220	8	15	03	0	6	Cb	10.3	30	11	35	+2	31	0
140	2	35	03	1	1	Cu	9.8	31	3	40	+8	17	0
90	9	12	02	0	2	Ci	9.3	27	18	36	+6	58	0
120	22	15	01	2	4	Ci	9.5	29	22	32	0	66	0
										38			
										43			
										42			
										43			
										43			
										38			
										37			
										34			
										35			
										33			

At 0600 on Monday 25th May, 1953

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	40	9	15	03	2	6	Sc	12.0	-1.0	21	18	18	0	83	0	37	
	303	SIDI BARRANI	10	1	14	01	2	1	Ci	12.1		21	16	16		74	0	109	
	306	MATRUH (A)	360	1	12	01	2	0	—	11.6	-2.2	21	17	14		78	0	52	
	309	EL DABAA	00	0	15	01	1	1	Cu	11.9		22	17	15		74	0	95	
	319	ALEXANDRIA	310	5	35	01	0	0	—	12.8	-1.0	21	18	18	-1	83	0	125	185
	313	ALEXANDRIA (A)	360	6	18	01	0	0	—	12.5	-0.4	22	19	16	-2	83	0	122	138
	330	DAMIETTA	200	2	15	00	0	0	—	13.0	+0.1	24	18	17	-1	69	0	56	105
	338	PORT SAID (A)	220	4	12	02	0	0	—	12.8	-0.2	24	14	20	-1	54	0	61	
	328	EL ARISH	150	4	30	01	1	0	—	11.9	-1.2	27	17	20		55	dr.	46	
LOWER EGYPT	350	DAMANHUR	40	5	15	02	0	0	—	12.6	-0.9	25	15	17	+1	54	0	43	101
	342	MANSURA	90	3	15	00	0	0	—	12.7	-0.4	24	14	16	-1	54	0	48	54
	344	TANTA	00	0	35	02	0	0	—	12.4	-1.1	25	13	16	0	47	0	18	43
	350	SHIBIN EL KOM	260	2	7	00	0	0	—	13.0	-0.4	24	14	18		54	0		
	354	ZAGAZIG	00	0	35	02	0	0	—	12.3	-1.0	26	16	17	+1	55	0	29	27
	361	ISMAILIA	140	2	35	02	0	0	—	12.4		27	16	18		52	0	32	
SUEZ AREA	365	CAIRO (C)	00	0	12	00	0	0	—	12.8		26	10	19		37	0	7	
	372	ABU SUWEIR (A)	00	0	14	00	0	0	—	12.0	-0.6	26	7	20	+1	30	0	8	
	374	CAIRO (HELIOPOLIS)	00	0	8	00	0	0	—	11.8	-1.1	27	14	21	+3	45	0	15	26
	375	SUEZ	00	0	8	00	0	0	—	12.0	-0.4	25	11	15	0	42	0	43	26
		HELWAN	00	0	7	05	0	0	—	12.4	-0.3	27	10	20	+2	35	0	3	29
UPPER EGYPT		ASYUT	00	0	35	02	0	0	—	12.8	+0.1	27	9	18	0	33	0	14	8
		ASWAN (A)	360	2	8	03	1	1	Ci	11.9	-0.6	25	13	17	-1	47	0	1	
		KOSSEIR	310	3	12	01	1	2	Ac	12.2	+0.4	28	8	23	+3	29	0	2	
		LUXOR	00	0	7	02	1	6	Cs	11.2	+0.8	29	16	22	+3	46	0	0.3	
		MINIA	270	1	15	03	1	6	Cs	10.0	-0.2	31	13	23	+2	33	0	2	
		WADI HALFA	20	2	30	02	1	4	Ac	9.5	-0.5	34	-2	26		10	0	1	
		ASWAN	00	0	50	03	2	7	Cu	9.3	-1.0	35	14	31	+7	29	0	2	
NORTH SUDAN																			8
			00	0	35	02	0	0	—	12.8	-0.4	28	13	17	-1	40	0	dr.	7
			00	0	35	00	0	0	—	13.1		27	6	18		27	0	1	
			270	4	50	01	1	5		11.8	0.0	33	1	24	+3	13	0	0	
			40	6	7	02	2	6	Ci	10.4	-0.3	32	6	22	0	20	0	1	
CENTRAL SUDAN			00	0	35	00	0	0	—	12.0	-0.3	32	10	20	+1	26	0	45	17
			310	5	35	03	2	7	Ac	12.0	+1.9	27	17	25	+4	55	0	Rain	13
			340	6	18	02	2	6	Sc	11.6	+1.6	27	?	24	+2	58	0	9	
			00	0	15	03	2	7	Cs	10.8	+0.8	29	--	26	+2	70	0	12	4
			320	5	50	02	0	2	Ac	9.1		33	24	24		59	0		
			30	3	30	01	2	5	Ac	9.1		36	8	31		18	dr.		
			50	1	30	01	2	6	Ac			33	5	28		17	0		
			50	9	30	01	1	0	—	7.6		33	-1	30		11	0		
			140	10	30	02	0	1	Ci	5.7		33	18	29		41	0		
			130	13	15	02	0	0	—	6.7		30	18	22		49	0		
			250	10	30	01	1	5	Ac, Ci	7.2		29	18	24		52	0		
			00	0	50	02	8	8	Ac, Cs			27	16	24		52	dr.		
			230	8	30	02	2	8	Ac, Cs			23	19	23		78	0		
S. SUDAN			170	1	30	01	1	4	Ac	10.0		24	22	21		87	0		
					30	02	1		Sc Cs	9.9		23	22	20		94	29		
			270	3	30	02	1	5	Cu, Ci	10.6		22	21	21		94	dr		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		P. Said		Abu. A.P.		Asyout								Luxor							
DATE	24-5		24-5		24-5		24-5								24-5							
TIME	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	13	330	14	300	16	310	30							270	5						
600 m.	260	6	290	15	270	19	310	16							270	6						
1000 m	260	9	280	24	260	16	300	16							270	7						
1500 m	240	23	260	23	270	20	280	25							300	2						
2100 m	240	23	240	24	270	15	260	25														
2400 m.			220	35	260	13	240	23							270	2						
3000 m.															20	3						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Abu. A.P		M. Matruh				KHartoum		Kasuma		W. Halfa		P. Sudan		Mu Lakal		Minya		Luxor		Asyout	
DATE	25-5		25-5				25-5		25-5		25-5		25-5		25-5		25-5		25-5		25-5	
TIME	02		04				04		04		04		03		04		02		02.15		02	
ALTITUDE	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	3	260	12							30	7	320	8			350	14	40	6	350	14
600 m	240	4	170	8			90	14	80	23	40	8	20	19	330	4	350	16	90	2	350	23
1000 m	40	11	240	10			110	20	90	29	60	9	40	15	290	3	340	17	140	5	340	29
1500 m	70	17					110	25	90	30	50	5	60	10	190	7	320	12	150	16	330	16
2100 m	60	9					90	18			70	3					350	9	170	10		
2400 m							80	15	80	24			90	9	180	17			170	14		
3000 m							70	14	90	16			140	15	100	5			150	9		
4000 m							90	11	180	3	210	19										
5000 m							140	10	240	16	40	11										
6000 m							180	6	260	9												

STATION	El-Arish		P. Said		Minya		Hurgada		S. Barrani		Kakula				M. Matruh		Dakhla		Kharga			
DATE	25-5		25-5		25-5		25-5		25-5		25-5				25-5		25-5		26-5			
TIME	08		08		08		08		08		08				08		08		08			
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	230	2	160	9	30	3	330	14	120	4	20	5			180	8	360	7	20	15		
1000 m	240	3	320	2	30	7	310	10	140	4	20	6			240	12	350	4	30	22		
1500 m	320	5	310	8	290	8	280	8	240	16	20	5			250	17	350	3	40	20		
2100 m					300	17					340	11			250	23	250	4	360	6		
2400 m					280	10					260	11					230	13				
3000 m					260	16					230	14					220	13				
4000 m					260	30											250	17				
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	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

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Tuesday 26th May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST From noon today to noon tomorrow. التغيرات المنتظرة فى حالة الطقس من ظهر اليوم إلى ظهر الغد

Slight drop in temperature in Delta and to-morrow in Cairo, while continues hot in Upper Egypt. Increased cloudiness at times in North with light scattered rain. Winds light to Mod. Var.

انخفاض بسيط فى درجة الحرارة فى الوجه البحرى وغدا بالقاهرة وتستمر الحرارة مرتفعة بالوجه القبلى وتزداد السحب أحيانا على الأقطار الشمالية مع أمطار خفيفة متفرقة والرياح خفيفة إلى معتدلة متغيرة

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 56 U.T. — Sunset 16 48 U.T.

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

At 1200 on Monday 25th

WIND DIRECTION Dir.	WIND VELOCITY IN 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 %
360	9	15	02	1	3	Sc, Cu	12.6	23	16	65
360	10	18	02	0	1	Cc	12.4	22	16	69
20	9	14	02	0	1	Sc	11.8	23	18	74
20	9	35	01	1	1	Cu	11.8	24	18	69
340	9	30	33	0	1	Cu	12.8	23	18	74
320	11	18	02	0	0	—	12.7	26	18	62
340	S	35	02	0	0	—	12.7	29	16	46
20	11	30	02	0	0	—	13.1	28	19	58
340	7	30	02	0	0	—	12.3	25	19	70
40	S	15	02	1	1	Cu	12.3	33	15	34
20	S	35	00	0	0	—	11.9	33	10	24
220	8	35	02	0	0	—	11.6	34	12	27
290	S	35	00	0	0	—	11.6	33	8	21
00	0	50	02	0	0	—	12.3	34	17	36
320	2	35	02	0	0	—	11.9	35	5	15
290	9	18	00	0	0	—	12.9	34	6	18
320	10	30	00	0	0	—	11.6	34	4	15
330	2	30	00	0	0	—	12.0	35	13	27
330	2	30	00	0	0	—	11.8	34	8	20
270	6	35	02	0	0	—	11.5	33	9	23
00	0	35	02	0	0	—	11.5	35	5	15
20	6	10	02	1	1	Cc	11.2	36	7	17
350	10	30	02	0	1	AC	10.3	37	4	13
270	S	15	01	1	1	AC	8.4	40	9	15
280	1	50	02	1	4	Cc	7.5	41	11	17
00	0	30	02	2	6	AC	7.3	42	3	9
00	0	50	03	2	6	AC	6.2	42	13	18
320	3	35	02	0	0	—	11.2	37	10	19
00	0	35	00	0	0	—	12.6	37	5	13
20	11	50	00	0	0	—	10.8	38	0	9
40	2	7	00	1	0	—	8.7	40	9	15
360	6	50	02	0	0	—	11.0	34	6	18
280	9	50	01	1	2	Cc	10.3	35	11	27
20	S	30	02	1	2	Cu	10.2	35	21	35
90	2	15	01	1	2	AS	9.4	34	23	
50	12	50	02	0	0	—	7.1	35	17	50
20	S	30	02	2	7	AC	6.9	41	7	13
90	S	30	03	0	1	Cc		43	-2	6
90	7	30	02	0	0	—	3.0	43	1	8
40	1	30	03	0	1	Cc	1.7	43	1	8
130	1	30	33	0	1	Cu, Cc	1.4	42	14	19
180	9	30	02	0	0	—				
170	9	30	02	1	2	Cc	2.6	40	17	26
90	S	30	02	2	8	Cb, AC		38	12	21
250	12	30	01	2	7	Cu, AC		32	17	41
230	3	30	03	1	3	Cu	5.3	35	17	35
90	3	30	02	1	5	Cu, AC	6.7	31	21	55
160	4	50	02	2	6	Cb, Cc	5.6	33	20	47

At 1800 on Monday 25th

WIND DIRECTION Deg.	WIND VELOCITY IN 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.
10	19	15	02	1	2	SC	13.6	20	17	23	-5	83	0
40	7	14	02	1	3	AC, Cc	13.4	21	17	23		78	0
30	4	15	03	0	6	SC	13.1	20	18	24		88	0
20	7	7	01	1	2	Cu	12.8	21	18	25		83	0
40	8	35	01	0	0	—	13.4	22	19	25	-2	83	0
40	9	15	02	0	0	—	13.1	22	17	27	0	74	0
20	2	7	02	0	0	—	13.5	23	15	29	+2	61	0
50	8	14	02	0	0	—	13.6	23	17	29	+3	69	0
80	2	14	02	0	0	—	13.6	22	19	32		83	0
40	4	15	02	0	0	—	13.3	25	15	34	+3	54	0
40	S		90	0	0	—	13.1	25	13	35	+3	47	0
00	0	35	02	0	0	—	13.0	26	14	35	+2	48	0
290	2	15	00	0	0	—	13.6	28	13	34		40	0
320	2	35	02	0	0	—	13.8	27	17	36	+3	55	0
20	S	35	02	0	0	—	13.5	27	9	35		33	0
00	0	12	00	0	0	—	12.7	30	6	35		22	0
70	6	14	00	0	0	—	11.9	30	4	35	+1	19	0
00	0	10	00	0	0	—	12.6	30	10	35	+1	29	0
00	0	10	00	0	0	—	12.2	30	11	36	+3	31	0
360	9	15	02	0	0	—	12.3	30	8	35	+2	25	0
00	0	35	02	0	0	—	11.6	30	11	37	+2	31	0
40	2	8	02	1	0	—	11.4	29	9	37	+1	29	0
360	4	18	02	0	0	—	10.9	30	4	38	+1	19	0
290	1	7	00	0	0	—	10.2	31	10	41	+4	28	0
270	1	7	02	1	2	Cc	9.3	35	5	42	+3	15	0
00	0	50	03	2	4	AC	7.4	39	10	43	+3	17	0
350	5	10	01	1	2	Cc	11.4	32	6	38	+3	20	0
320	1	15	02	0	0	—	11.2	30	13	37	+2	35	0
00	0	15	00	0	0	—	12.3	30	8			25	0
360	4	35	00	0	0	—	10.8	33	0	39	0	12	0
360	6	15	00	0	0	—	9.6	33	4	41	+2	16	0
360	4	15	02	0	0	—	12.8	28	13	36	+3	40	0
310	7	35	02	0	0	—	10.7	32	19	37	+5	46	0
320	8	12	01	0	0	—	10.3	29	20	35	+5	59	0
20	2	15	01	1	0	—	9.4	28	19	36	+4	58	0

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SÎDI BARRÂNI
	308	MATRÛH (A)
	309	EL DABʿAA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAʿÎD (A)
	336	EL ʿARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANSÛRA
	348	TANTA
	360	SHEBÎN EL KÔM
	364	ZAGAZIG
	441	ISMAʿÎLÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÍYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAG' HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHADA
	465	QUSEIR
	841	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ʿATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	780	EL FASHER
	770	GENEINA
S. SUDAN	840	MALAKÂL
	880	WÂU
	941	JUBA

At 0600 on Tuesday 26th May, 1953

WIND DIRECTION Deg.	WIND VELOCITY IN 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
40	5	15	03	1	8	Sc, Cu	15.1	+2.1	20	18	20	+2	88	0	37	
40	5	12	02	6	8	AC	15.6		20	18	18		88	0.5	109	
340	6	14	02	2	8	Sc	15.0	+1.2	20	18	16		88	dr.	52	
20	10	15	03	2	6	Sc	14.9		21	18	15		83	0	75	
20	10	35	03	0	6	AC	14.7	+1.0	22	19	20	+1	83	0	125	185
40	8	18	03	0	6	AC	14.5	+1.6	23	18	17	-1	74	0	122	138
360	2	7	03	1	5	AC	14.3	+1.4	24	18	20	+1	69	0	56	105
20	12	11	03	0	1	Cc	13.9	+1.0	24	19	21	0	74	0	61	
210	4	30	02	0	0	—	12.8	-0.2	21	15	18		69	0	46	
40	9	15	02	1	1	Cc	13.8	+0.3	22	13	17	0	57	0	43	101
360	5	15	03	2	5	AC	13.9	+0.8	25	19	18	+1	70	0	48	54
360	2	35	02	0	0	—	13.8	+0.3	26	14	17	+1	48	D	18	43
350	2	15	00	0	0	—	13.9	+0.6	25	17	19		61	0		
00	0	35	02	0	0	—	14.0	+0.8	27	17	20	+4	55	0	29	27
00	0	35	03	1	2	AC	12.6		30	11	20		31	0	32	
340	5	12	03	0	2	AC	13.2		26	10	21		37	0	7	
340	7	10	03	0	2	AC	12.7	+0.1	26	12	22	+3	42	0	8	
310	5	10	00	0	0	—	12.7	-0.2	28	15	23	+4	45	0	15	26
310	5	10	00	0	0	—	12.4	-0.4	26	14	17	+1	48	0	43	26
340	6	3	06	0	1	Cc	12.6	-0.1	26	12	22	+3	42	0	3	29
00	0	35	02	1	3	Cc	12.2	-0.5	30	11	19	+1	31	0	14	8
00	0	8	02	0	0	—	11.0	-1.5	30	12	20	+2	33	0	1	
00	0	12	02	0	0	—	11.5	-0.2	30	4	23	+3	19	0	2	
00	0	7	00	0	0	—	11.9	+1.6	28	17	21	+2	52	0	0.3	
00	0	35	00	0	0	—	11.5	+1.3	33	10	21	-1	24	0	2	
20	6	30	02	0	0	—	11.3	+1.3	33	6	25		19	0	1	
360	4	50	00	0	0	—	10.4	+0.2	34	9	27	+2	22	0	2	
10	7	12	03	2	8	Sc, AC	13.2	-0.9	26	12	22	+5	42	0	2	8
130	2	35	02	1	2	Cu	11.6	-1.6	29	12	22	+4	35	0	dr.	7
00	0	35	00	0	0	—	12.3		29	6	20		23	0	1	
90	4	50	00	0	0	—	11.2	-0.6	32	6	22	+1	20	0	0	
00	0	15	00	0	0	—	10.6	-0.1	32	9	24	+2	24	0	dr.	
180	3				0	—	12.2	0.0	31	10	23	+3	28	0	45	17
270	2	35	02	0	0	—	11.1	+1.1	30	15	24	+2	40	0	Recd	13
60	2	18	02	0	0	—	11.3	+1.3	29	19	23	+1	55	0	9	
360	9	15	02	0	0	—	11.9	+1.9	31	17	26	+2	43	0	12	4

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		Kharga		El-Arish		P. Said		Abu-A.P.		Ismaila				Aswan		Minya		Hurgada		Asyout	
DATE	25-5		25-5		25-5		25-5		25-5		25-5				25-5		25-5		25-6		25-6	
TIME	14		14		14		14		1445		15				14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	20	12	20	13	350	13	360	10	330	9	350	15			330	5	360	13	360	8	320	27
600 m.	310	13	30	18	330	15	320	10	270	6	350	7			330	6	350	12	110	10	330	24
1000 m.	270	17	30	19	320	24	330	7	300	12	330	10			330	8	350	10	70	10	330	
1500 m.					280	19	300	9	260	21	330	7					310	11	100	4	340	8
2100 m.					250	18	270	15	280	20	290	10					230	14	120	1	30	8
2400 m.					230	22	240	16			270	14							270	1	350	11
3000 m.					230	21	250	16			260	17							280	8	270	16
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Minya		Asyout		M. Matruh				Dakhla													
DATE	26-5		26-5		26-5				25-5													
TIME	02		02		04				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.	120	17	80	16	30	8			350	9												
600 m.	110	8	50	13	40	9			350	7												
1000 m.	110	10	40	10					350	9												
1500 m.	90	2	40	12					10	7												
2100 m.			20	11					340	7												
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Bahariya		El-Arish		Helwan		Minya		Siwa		M. Matruh		Asyout		S. Barrani		Kharga		Dakhla		Abu-A.P.	
DATE	26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5		26-5	
TIME	08		08		0715		0830		0715		08		08		08		08		08		08	
ALTITUDE	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	1	340	9	340	24	320	4	40	33	100	11	80	5	30	12	50	10	140	4	10	8
600 m.	180	14	200	6	340	17	320	2	50	31	330	4	70	10	330	19	40	8	90	10	320	15
1000 m.	190	10	250	8	230	9	70	8	90	22	300	19	70	12	290	10	60	18	70	13	290	13
1500 m.	170	14	280	19	240	8	50	8	240	24	260	23	60	8	290	5	50	13			280	13
2100 m.	170	24	270	19			10	5	220	27	230	28	50	9			60	8			290	21
2400 m.	190	21							210	14	240	32	20	14							290	17
3000 m.									220	15	230	34	10	4							270	14
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Wednesday 27th May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

CLOUD FORM

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

GENERAL FORECAST From noon today to noon tomorrow

التغيرات المنتظرة فى حالة الطقس من ظهر اليوم إلى ظهر غد

Continues fairly mild from North Coast upto يستمر الجو معتدلا نوعا ما على الساحل حتى منطقة القاهرة وصاعدا إلى الجنوب

Fair and hot in Upper Egypt with high ﻛﻤﺎ يستمر ظهور السحب العالية والمتوسطة وتتكاثر أحيانا مع أمطار خفيفة

medium clouds increasing attimes with light rain من وقت لآخر على الوجه البحرى والوسط أحيانا بحالة متقلبة

Upper Egypt today, winds mod. N'ly.

Printed by the Survey of Egypt 1952 (52/384)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 56 U.T.
Sunset 16 48 U.T.

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

At 1200 on Tuesday 26th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb °C	Temp. Dew Point °C	Relative Humidity %
Mediterranean	62300	SALLOÛM	110	5	35	51	8	3	NS	15.0	22	14	61
	309	SÎDI BARRÂNI	60	6	14	02	6	8	Sc, As	15.0	22	17	74
	306	MATRÛH (A)	60	4	18	02	2	8	Ns, Ac	14.7	24	16	61
	309	EL DAB'AA	40	6	35	03	2	5	Sc, Cu	15.0	23	18	74
	319	ALEXANDRIA											
	318	ALEXANDRIA (A)	10	10	18	03	2	7	Ac, Cs	14.6	26	18	62
	330	DAMIETTA	340	5	15	03	2	8	As	14.8	25	17	61
	333	PORT SAÎD (A)	10	13	18	02	2	8	Cs	15.3	24	18	69
	336	EL 'ARISH											
Lower Egypt	338	DAMANHÛR	360	13	15	02	1	2	Ci	14.8	30	15	40
	342	MANSÛRA	40	5	15	03	2	8	As	14.7	28	15	45
	343	TANTA	360	8	35	03	2	7		14.6	29	12	35
	360	SHEBÎN EL KÔM											
	364	ZAGAZIG	00	0	50	02	2	8	Cu, Sc	14.4	32	18	43
	441	ISMAILIA	20	13	35	03	2	1	As	13.6	30	11	31
Cairo Area	366	CAIRO (A)	360	13	12	03	2	8	Ac, Cs	12.9	34	12	27
	372	CAIRO ALMAZA (A)	40	15	30	02	2	7	Cs	12.8	34	11?	25
	374	CAIRO EZBEKIYA	20	4?	18	03	0	8	Ac	12.3	34	16	34
	375	GIZA	20	4?	18	03	0	8	Ac	13.1	33	11	26
	378	HELWAN	360	11	15	03	2	8	Ac, Cc	12.7	34	9	22
Upper Egypt	381	FAYOÛM	360	4	35	03	2	7	As	11.8	36	7	17
	387	MINYA (A)											
	393	ASYOÛT (A)											
	399	NAG HAMÂDI	00	0	15	00	0	0	—	8.6	40	12	19
	402	QENA	00	0	50	00	0	0	—	7.9	42	13	18
	405	LUXOR (A)	60	6	30	02	0	0	—	7.5	42		
	414	ASWÂN	270	2	50	00	0	0	—	5.8	42	10	16
Oases	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	2	6	Ac	11.1	37	15	27
	423	FARAFRA	00	0	25	03	1	8	Cs	10.7	41	8	14
	432	DAKHLA	360	11	50	00	0	0	—	8.4	40	2	10
	435	KHARGA											
Red Sea	460	SUEZ	360	9	50	03	0	6	Cu	11.9	34	9	22
	459	TÔR	370	5	50	03	1	2	Cc	12.3	32	16	38
	462	HURGHÂDA											
	465	QUSEIR	360	9	15	02	0	0	—	9.9	33	15	34
	641	PORT SUDÂN	70	4	30	03	0	2	Ci	3.0	44	27	38
North Sudan	605	WADI HALFA	20	4	30	02	1	3	Cu, Ac	5.8	42	4	10
	640	ABU HAMAD	70	4	30	03	1	2	Ci		44	1	7
	660	KAREIMA	60	5	30	03	0	1	Ac	1.7	44	3	8
	680	ATBARA											
	721	KHARTOÛM	300	3	30	03	2	8	Cu, Cs	1.9	42	16	22
	730	KASSALA	90	14	35	02	0	2	Cu	1.1	41	15	22
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	780	EL FASHER	70	1	30	03	2	8	Cu, Cs		38	12	21
	770	GENEINA											
S. Sudân	840	MALAKÂL	250	3	30	03	2	8	Cb, Ac	4.6	34	17	36
	880	WÂU	270	4	30	02	9	8	Sc, Cu		22	20	89
	941	JUBA	180	6	50	17	2	7	Cb, Cs	7.9	29	20	59

At 1800 on Tuesday 26th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb °C	Dew Point °C	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOÛM	20	13	15	00	1	0	—	14.6	20	17	24	-4	83	Rain
309	SÎDI BARRÂNI	360	3	14	02	6	2	Ac	14.6	20	17	23		83	dr.
306	MATRÛH (A)	40	2	14	02	6	7	Sc, Cs	13.9	21	16	24		74	dr.
309	EL DAB'AA	110	2	7	02	1	4	Cb	13.9	22	15	24		65	0
319	ALEXANDRIA	130	4	35	02	2	6	Ac	14.8	20	17	24	-3	83	0
318	ALEXANDRIA (A)	70	6	12	01	2	6	Ac	14.5	22	18	28	+1	78	0
330	DAMIETTA	140	2		02	2	7	Ac	14.8	22	17	27	0	74	0
333	PORT SAÎD (A)	70	4	14	03	2	7	Ac	15.6	22	16	26	-1	69	0
336	EL 'ARISH														
338	DAMANHÛR	360	9	15	02	0	0	—	14.3	22	15	31	0	65	0
342	MANSÛRA	40	5		03	2	6	As	15.0	23	15	31	-2	61	0
343	TANTA	00	0	35	03	2	6	Cs	14.2	24	16	32	-1	61	0
360	SHEBÎN EL KÔM	340	2	15	01	1	4	Ac	14.8	25	15	33		54	0
364	ZAGAZIG	40	1	35	02	2	0	—	14.2	26	18	34	+1	62	0
441	ISMAILIA	20	2	35	03	2	8	As	14.4	25	13	33		47	0
366	CAIRO (A)	40	10	12	02	2	6	As	13.7	28	11	35		35	0
372	CAIRO ALMAZA (A)	90	8	12	01	2	5	Ac, Cs	14.0	28	11	34	0	35	0
374	CAIRO EZBEKIYA	340	4	10	01	2	2	Ac	14.3	30	10	35	+1	29	0
375	GIZA	340	4	10	01	2	2	Ac	14.3	28	9	34	0	31	0
378	HELWAN	360	12	15	02	2	8	Ac, Cs	13.6	28	10	35	+2	33	0
381	FAYOÛM	360	6	35	02	2	7	As	12.8	29	4	36	+1	29	0
387	MINYA (A)	350	14	8	01	2	5	Ac	11.3	28	13	40	+4	40	0
393	ASYOÛT (A)	360	10	12	02	2	7	Ac, Cs	9.4	34	4	40	+3	15	0
399	NAG HAMÂDI	00	0	7	00	0	0	—	8.0	28	15	41	+4	45	0
402	QENA	00	0	7	00	0	0	—	8.3	31	12	43	+4	31	0
405	LUXOR (A)														
414	ASWÂN	340	3	50	00	0	0	—	6.6	39	10	44	+4	17	0
417	SÎWA	150	4	8	02	2	8	Ac, Cs	12.4	30	8	35	-1	25	0
420	BAHARÎYA	20	5	15	02	2	7	Ac	13.1	30	15	39	+4	40	0
423	FARAFRA														
432	DAKHLA	360	9	35	01	2	4	Cu	7.8	38	1	42	+3	10	0
435	KHARGA	40	2	15	02	2	2	Ac	7.4	33	4	43	+4	16	0
460	SUEZ	360	5	15	03	0	7	Cu	14.4	27	9	36	+3	33	0
459	TÔR	360	9	35	03	2	8	Cs	10.8	35	5	36	+4	15	0
462	HURGHÂDA	300	13	12	02	0	7	As	8.9	31	16	34	+4	41	0
465	QUSEIR	360	2	15	01	1	0	—	9.2	31	12	34	+2	31	0
641	PORT SUDÂN														
605	WADI HALFA														
640	ABU HAMAD														
660	KAREIMA											45			
680	ATBARA											44			
721	KHARTOÛM														
730	KASSALA											43			
751	WÂD MEDANI											41			
801	RENK														
802	ROSEIRES														
771	EL OBEID														
780	EL FASHER														
770	GENEINA														
840	MALAKÂL														
880	WÂU														
941	JUBA														

At 0600 on Wednesday 27th May, 1953

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	70	5	15	03	1	5	Sc, Cu	16.6	+3.6	21	18	18	0	83	1	38	
309	SÎDI BARRÂNI	50	5	13	02	2	4	Sc, Cu	15.4		21	17	18		78	dr.	109	
306	MATRÛH (A)	90	3	18	01	1	2	Sc, Cc	15.0	+1.2	22	16	17		69	dr	52	
309	EL DAB'AA	40	9	15	01	1	2	Cu	16.1		22	17	17		74	0	95	
319	ALEXANDRIA	20	6	50	01	2	3	Cs	16.0	+2.3	21	18	20	+1	83	0	125	185
318	ALEXANDRIA (A)	50	8	18	02	1	3	Ci	15.5	+2.7	22	18	18	0	78	0	122	138
330	DAMIETTA	250	2	7	01	1	3	Ac	16.2	+3.4	24	18	19	0	69	0	56	105
333	PORT SAÎD (A)	10	2	14	02	2	2	Ci	16.0	+3.1	23	18	21	0	74	0	61	
336	EL 'ARISH	70	2	18	01	0	4	Cu, Ac	14.9	+1.9	26	18	19		62	0	46	
338	DAMANHÛR	40	5	15	02	1	1	Ci	15.4	+2.0	25	17	18	+1	61	0	43	101
342	MANSÛRA	40	3	15	00	1	0	—	15.5	+2.5	25	17	19	+2	61	0	48	54
343	TANTA		2	35	03	2	6	Cu, Ac	14.7	+1.2	25	17	18	+2	61	0	18	43
360	SHEBÎN EL KÔM	20	2	15	01	1	3	Ci	15.0	+1.7	24	18	19		69	0		
364	ZAGAZIG	00	0	35	02	0	0	—	15.2	+2.0	25	20	19	+3	74	0	29	27
441	ISMAILIA	40	2	35	03	2	8		15.5		25	19	20		70	0	32	
366	CAIRO (A)	70	10	15	01	2	6	Cs	15.3		25	16	16		58	0	7	
372	CAIRO ALMAZA (A)	40	9	18	01	2	5	Cs	14.8	+2.3	25	17	21	+2	61	0	8	
374	CAIRO EZBEKIYA	30	3	8	01	2	2	Ci	15.0	+2.2	27	15	22	+4	48	0	15	26
375	GIZA	30	3	8	01	2	2	Ci	14.8	+2.0	25	16	20	+4	58	0	43	26
378	HELWAN	320	5	15	01	2	6	Ac, Ci	14.7	+2.0	28	7	24	+5	27	0	3	29
381	FAYOÛM	360	4	35	02	2	7	As	14.8	+2.2	27	11	23	+5	37	0	14	8
387	MINYA (A)	340	4	8	01	2	7	Ac, Cs	13.7	+1.3	27	15	22	+4	48	0	1	
393	ASYOÛT (A)	360	2	14	02	2	7	Ac	13.3	+1.6	28	8	24	+4	29	0	2	
399	NAG HAMÂDI	00	0	7	02	0	6	Ac, Cs	12.8	+2.5	30	13	24	+5	35	0	0.3	
402	QENA	00	0	35	02	1	5	Cs	12.3	+2.2	31	10	24	+2	28	0	2	
405	LUXOR (A)	10	4	30	03	1	5	Ac, Cs	11.2	+1.3	32	8	25		32	0	1	
414	ASWÂN	340	6	50	01	1	2	Ac	10.0	-0.2	35	11	27	+2	23	0	2	
417	SÎWA	70	6	12	03	1	6	Ac, Ci	15.0	+1.0	24		20	+3		0	2	3
420	BAHARÎYA	40	1	35	02	2	4	Ac	14.3	+1.1	29	16	24	+6	46	0	dr	7
423	FARAFRA																	
432	DAKHLA	360	15	35	01	2	8	Cu	13.4	+1.6	30	4	27	+6	19	0	0	
435	KHARGA	20	9	15	02	2	8	Ac	11.8	+1.3	30	11	28	+6	31	0	dr.	
460	SUEZ	360	3	35	00	0	5	Sc	14.6	+2.4	27	13	22	+2	42	0	85	17
459	TÔR	310	5	35	03	2	8	Ac	11.5	+1.6	28	15	25	+3	45	0	Rain	13
462	HURGHÂDA	330	16	18	02	1	6	Ac	11.1	+1.2	28	17	27	+5	52	0	9	
465	QUSEIR	360	9	15	03	1	2	Cc	10.2	+0.3	29	20	26	+1	59	0	12	4
641	PORT SUDÂN																	
605	WADI HALFA																	
640	ABU HAMAD																	
660	KAREIMA							Ci				11	29			0		
680	ATBARA	220	14	2	07	3	1	Ci	7.7		33	15	33		34	0		
721	KHARTOÛM																	
730	KASSALA	200	5		02	0	1	Ac	9.1		31	18	26		45	dr.		
751	WÂD MEDANI	130	9	50			8	Cu	9.7		26	23			84	0		
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.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani	Siwa	M. Matruh	Alex A.P.	Kharga	P. Said	Asyout	Luxor				
DATE	26-5	26-5	26-5	26-5	26-5	26-5	26-5	26-5				
TIME	14	14	14	14	15	14	14	14				
ALTITUDE	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED
300 m.	300 / 5	130 / 13	360 / 4	10 / 8	350 / 16	30 / 10	30 / 3	260 / 5				
600 m.	300 / 10	230 / 11	330 / 11	330 / 17	360 / 19	40 / 9	20 / 7	320 / 9				
1000 m.	280 / 17	150 / 16	300 / 23	330 / 25	350 / 19	40 / 9	20 / 9	290 / 10				
1500 m.	250 / 31	180 / 22	280 / 16	320 / 19	220 / 20	50 / 9	20 / 11	280 / 8				
2100 m.	250 / 36	130 / 18	250 / 19	270 / 11	210 / 17	40 / 7	80 / 13	350 / 6				
2400 m.	250 / 35	220 / 18	240 / 22	240 / 13	220 / 23	60 / 7	20 / 15	270 / 14				
3000 m.		240 / 12			220 / 27	50 / 6	10 / 12	270 / 10				
4000 m.		260 / 12			240 / 29		30 / 15					
5000 m.		290 / 23										
6000 m.												

STATION	Minya	Asyout	M. Matruh	P. Said								
DATE	27-5	27-5	27-5	27-5								
TIME	03	02	04	03								
ALTITUDE	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED
300 m.	40 / 9	360 / 11	70 / 10	40 / 3								
600 m.	360 / 14	20 / 23	30 / 7	340 / 3								
1000 m.	340 / 15	20 / 26	320 / 10	340 / 6								
1500 m.	300 / 23	360 / 29		300 / 23								
2100 m.	290 / 22	80 / 7		300 / 20								
2400 m.		20 / 10										
3000 m.												
4000 m.												
5000 m.												
6000 m.												

STATION	Kharga	Asyout	Luxor	S. Barrani	M. Matruh	Baharia	Dakhla	Helwan	Kharga	Alex. A.P.		
DATE	27-5	27-5	27-5	27-5	27-5	27-5	27-5	27-5	27-5	27-5		
TIME	08	08	08	08	08	08	08	07	08	0830		
ALTITUDE	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED	DIR. / SPEED
300 m.	340 / 23	270 / 5	340 / 10	110 / 6	110 / 6	290 / 7	350 / 13	50 / 6	30 / 18	20 / 5		
600 m.	340 / 26	340 / 13	350 / 8	100 / 5	60 / 6	290 / 9	350 / 16	50 / 4	30 / 30	80 / 5		
1000 m.	350 / 24	350 / 17	10 / 9	360 / 14	350 / 9	280 / 9	350 / 15	30 / 5	40 / 35	110 / 5		
1500 m.		330 / 16	20 / 13	290 / 17	310 / 8	280 / 9		330 / 10				
2100 m.		300 / 11	40 / 17	270 / 23	290 / 19	270 / 11		310 / 15				
2400 m.		300 / 6	50 / 21	260 / 22	280 / 20	280 / 17		270 / 20				
3000 m.		220 / 17				280 / 12		250 / 28				
4000 m.								250 / 33				
5000 m.												
6000 m.												

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo																			
DATE	26-5																			
TIME	1500																			
	ALT. m.	TEMP °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.	193	30		30	9															
950 mb.																				
900 mb.																				
850 mb.	1555	18		270	5															
800 mb.																				
700 mb.	3179	5		290	25															
600 mb.																				
500 mb.	5823	-14		300	49															
400 mb.	7484	-25																		
300 mb.	9514	-39																		
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

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Thursday 28th May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: From noon today to noon tomorrow التغيرات المنتظرة فى حالة الطقس من ظهر اليوم حتى ظهر الغد

Continuing mild up to Middle Egypt and hot in extreme south. Clouds persist with drizzle near the southern coast. Winds light to moderate Northerly. Slight drop in temperature tomorrow in north.

يستمر الجو معتدلا نهارا حتى وسط مصر وحارا فى أقصى الجنوب كما يستمر وجود السحب مع رذاذ على طول الساحل الجنوبى. الرياح خفيفة إلى معتدلة الشمالية. انخفاض طفيف فى درجة الحرارة غدا فى الشمال.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 02 55 U.T.; Sunset 16 49 U.T.

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

At 1200 on Wednesday 27th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
Mediterranean	62300	Salloum	20	13	35	01	0	0	—	15.2	24	14	54
	303	Sidi Barrani	10	8	18	02	0	1	CS	15.0	23	17	64
	306	Matruh (A)	20	10	30	02	0	1	Ci	14.6	24	18	69
	309	El Dab'a											
	319	Alexandria	40	11	50	03	0	5	Ci	15.0	23	16	65
	318	Alexandria (A)	20	13	18	03	1	6	Ci	14.9	25	18	65
	330	Damietta	20	5	15	03	1	6	AC	15.2	24	18	69
	333	Port Said (A)											
	336	El 'Arish	20	4	30	08	1	5		13.9	25	18	65
Lower Egypt	339	Damanhur	40	9	15	02	1	2	Ci	14.6	31	17	49
	340	Mansura	40	3	35	03	2	5	AC	13.8	32	16	38
	348	Tanta	270	2	35	03	2	8		14.5	32	14	34
	360	Shebin el Kom	70	5	35	03	2	4	AC	14.3	32	11	28
	354	Zagazig	00	0	50	03	1	4	Cu	13.6	33	17	38
	441	Ismailia	20	2	35	02	2	8	CS	13.4	32	14	34
Cairo Area	366	Cairo (A)	340	4	18	02	2	6	CS	13.1	33	13	30
	372	Cairo Almaza (A)	20	5	30	02	2	7	CS	13.3	32	14	34
	374	Cairo Ezbekiya	00	0	18	03	0	6	Ci	12.3	33	15	34
	375	Giza	00	0	18	03	0	6	Ci	12.4	33	13	30
	378	Helwan	360	8	35	02	2	7	Ac, Ci	12.2	33	8	21
Upper Egypt	381	Fayoum	360	4	35	02	2	7	AS	12.2	34	9	22
	387	Minya (A)	300	1	8	02	2	7	AC	12.2	32	12	29
	393	Asyut (A)	320	7	30	02	2	8	AS	12.0	34	10	23
	394	Nag Hammadi		1	15	02	1	8	Sc, AC	10.3	34	15	32
	402	Qena	320	1	35	02	1	8	Sc, Cu	10.3	36	7	17
	405	Luxor (A)											
	414	Aswan			15	03	2		Cu	7.2	40	12	19
Oases	417	Siwa	10	5	13	02	2	5	Ac, Ci	14.8	33	11	26
	420	Bahariya	320	1	35	02	2	6	AC	13.3	35	18	37
	423	Farafra	240	2	35	02	2	8	Ac, CS	14.0	34	12	27
	432	Dakhla	360	11	35	01	2	6	Cu	11.8	35	8	17
	435	Kharga											
Red Sea	451	Suez	360	5	50	03	0	6	Cu	12.7	32	11	28
	456	Tor	360	9	50	03	2	8	AC	11.2	32	14	34
	463	Hurghada											
	465	Quseir	360	9	15	03	1	4	AC	10.0	32	22	56
	641	Port Sudan	90	10	30	03	0	1	Cu	8.1	34	28	70
North Sudan	600	Wadi Halfa	330	5	30	02	0	3	Ci	5.4	44	3	8
	640	Abu Hamad	130	3	30	02	0		CS		44	9	13
	650	Karima	220	7	30	01	0	0	—	3.7	43	1	8
	680	Atbara	220	5	30	02	0	1	Cu	4.4	43	10	14
	721	Khartoum	180	12	30	03	2	8	Cb, CS	5.2	40	14	21
	730	Kassala	270	1	30	03	0	1	Cu	3.8	41	12	18
Central Sudan	751	Wad Medani											
	801	Renk											
	802	Roseires											
	771	El Obeid	220	8	30	02	2	6	Cu, AC	7.0	34	19	41
	790	El Fasher	180	2	30	02	2	8	Cu, CS		39?	12	20
	770	Geneina	330	2	30	01	2	5	Ac, CS		33	17	38
S. Sudan	840	Malakal	00	0	30	01	2	7	Ac, Ci	8.3	32	18	43
	880	Wau	00	0	30	03	2	7	Cu, Cc		31	21	55
	941	Juba	180	5	30	01	2	6	Cb, CS	7.8	33	21	50

At 1800 on Wednesday 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.
Salloum	20	19	15	00	0	0	—	13.6	21	16	25	-3	74	0
Sidi Barrani	10	3	12	02	0	1	AC	14.0	21	17	23		78	0
Matruh (A)	60	3	14	01	0	0	—	13.7	20	17	25		83	0
El Dab'a														
Alexandria	20	10	35	01	0	0	—	14.6	21	18	24	-3	83	0
Alexandria (A)	40	5	12	01	2	3	AC	14.3	21	17	27	0	78	0
Damietta														
Port Said (A)	40	8	14	02	1	3	Cc	14.3	22	17	25	-2	74	0
El 'Arish	10	2	14	02	2	6	Ci	13.4	21	17	26		78	0
Damanhur	40	5	15	02	0	0	—	13.9	23	18	32	+1	74	0
Mansura	20	5		03	2	4	Ac	13.6	23	15	33	0	61	0
Tanta	00	0	35	03	2	6	CS	13.9?	24	19	34	+1	74	0
Shebin el Kom	20	5	15	01	1	2	Ci	14.3	26	16	33		55	0
Zagazig	00	0	35	02	1	0	—	13.6	25	19	34	+1	70	0
Ismailia	40	2	35	03	2	8	AS	14.2	23	16	33		65	0
Cairo (A)	70	12	12	02	2	6	CS	13.2	27	17	33		55	0
Cairo Almaza (A)	60	13	12	01	2	6	CS	12.9	28	19	33	-1	58	0
Cairo Ezbekiya	40	4	10	01	2	4	Ci	12.6	27	17	33	-1	55	0
Giza	40	4	10	01	2	4	Ci	12.6	29	16	34	0	46	0
Helwan	340	12	15	01	1	4	Ci	12.7	29	14	34	+1	40	0
Fayoum	360	4	35	01	2	3	AS	12.8	29	14	35?	0	40	0
Minya (A)	00	0	8	01	2	5	AC	12.6	27	16	32?	-4	52	0
Asyut (A)	00	0	14	02	6	7	AC	12.2	30	10	36	-1	29	dr.
Nag Hammadi	00	0	7	02	6	7	Ci	12.0	30	17	36	-1	52	dr.
Qena	270	3	7	02	6	8	Cu, Sc	11.4	32	9	37	-2	24	dr.
Luxor (A)	340	15	12	03	2	8	AC	11.2	33	5	38		17	0
Aswan	360	10	15	35	3	3	AC	9.1	37	12	42	+2	22	0
Siwa														
Bahariya	00	0	15	02	2	2	AC	11.9	31	15	36	+1	38	0
Farafra	320	3	15	01	2	3	Ci	12.3	30	11	36		31	0
Dakhla	340	4	15	01	2	6	Cu	12.4	30	5	36	-3	21	0
Kharga	30	0	15	02	2	6	AC	12.2	31	10	38	-1	28	0
Suez	310	5	15	01	0	2	Cu	12.2	27	16	34	0	52	0
Tor	00	0	35	03	1	7	AS	11.0	28	15	34?	+2	45	0
Hurghada	340	6	12	02	2	7	AC	11.1	27	21	29?	-1	70	0
Quseir	360	5	15	02	1	4	As, Ci	10.1	30	17	32	0	46	0
Port Sudan														
Wadi Halfa														
Abu Hamad											45			
Karima											46			
Atbara											44			
Khartoum														
Kassala											43			
Wad Medani														
Renk														
Roseires														
El Obeid											36			
El Fasher														
Geneina											34			
Malakal											34			
Wau														
Juba											33			

At 0600 on Thursday 28th May, 1953

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount* 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Bar. Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Salloum	320	9	15	03	1	7	St	14.0	+1.0	21	14	18	0	65	0	38	
Sidi Barrani																	
Matruh (A)	00	0	14	02	2	7	St, CS	12.5	-1.3	22	18	16		78	0	52	
El Dab'a																	
Alexandria	130	8	35	03	0	7	St, AC	13.1	-0.6	21	18	19	0	83	0	125	185
Alexandria (A)	180	8	18	03	2	8	St, AC	12.8	0.0	22	19	17	-1	83	0	122	138
Damietta	160	2	7	03	1	6	AC	13.1	+0.4	24	19	20	+1	74	0	56	105
Port Said (A)	140	8	12	02	0	2	Ci	12.9	-0.0	24	16	20	-1	61	0	61	
El 'Arish	170	3	18	03	1	4	Ci	12.7	-0.2	24	17	16		65	0	46	
Damanhur	130	5	15	02	1	3	Ci	13.6	+0.2	23	16	17	0	65	0	43	101
Mansura	140	3	15	03	2	7	Ci	12.7	-0.3	24	18	19	+2	69	0	48	54
Tanta	00	0	35	03	2	7	Cu	13.0	-0.4	25	17	16	0	61	0	18	43
Shebin el Kom	20	5	15	01	1	3	AC	12.6	-0.6	24	16	17		61	0		
Zagazig	40	11	35	02	0	0	—	13.1	0.0	24	18			69	0	29	27
Ismailia	90	2	35	03	1	4	Ci	13.0		24	16	17		61	0	32	
Cairo (A)	90	14	18	03	2	5	Ci	12.5		26	14	19		48	0	7	
Cairo Almaza (A)	110	13	30	03	1	3	Ci	12.4	-0.1	26	11	20	+1	40	0	8	
Cairo Ezbekiya	70	4	10	02	1	4	Ci	11.4	-1.4	28	10	21	+3	33	0	15	26
Giza	70	4	10	02	1	4	Ci	11.9	-0.9	28	13	19	+3	40	0	43	26
Helwan	40	15	35	01	1	3	Cc	12.0	-0.6	27	9	22	+3	33	0	3	29
Fayoum	360	6	35	02	1	3	AC	12.2	-0.4	27	11?	21	+3	37	0	14	8
Minya (A)	350	4	8	03	1	6	AC	11.7	-0.7	24	12?	18	0	47	0	1	
Asyut (A)	260	5	15	03	1	6	AC	11.8	+0.1	28	11	24	+4	35	dr	2	
Nag Hammadi																	
Qena	270	1	35	03	1	4	Ci	11.0	+1.0	32	14	23	+1	34	dr	2	
Luxor (A)																	
Aswan	40	4	50	01	1	3	Ci	10.6	+0.5	34	19	27	+2	41	0	2	
Siwa	00	0	35	00	0	3	Cu	12.2	+0.1	25	9	20	0	36	0	2	5
Bahariya	40	1	35	02	2	6	AC	12.4	-0.8	27	19	22	+4	62	0	dr.	7
Farafra	00	0	35	01	1	5	Ac, Ci	12.8		30	13	22		35	0	1	
Dakhla	340	4	35	01	1	7	Ci	12.7	+0.9	29	9	24	+3	29	0	0	
Kharga	00	0	15	02	2	7	AC	11.1	+0.5	30	13	22	0	35	0	dr.	
Suez	00	0	35	00	0	3	Cu	12.2	+0.1	25	9	20	0	36	0	45	17
Tor	310	5	35	03	2	7	Ci	10.8	+0.9	26	20			70	0	Rain	13
Hurghada	340	11	18	02	2	6	Ac, Ci	10.9	+1.1	26	10	24	+2	37	0	9	
Quseir	360	5	15	03	1	3	AC	10.4	+0.5	31	15	25	0	38	0	12	4
Port Sudan																	
Wadi Halfa																	
Abu Hamad	130	11	30	02	0	1	AC			35	13	30		27	0		
Karima	130	9	30	03	1	5	AC	7.2		34	9	31		22	0		
Atbara	230	8	10	06	1	3	AC	5.5		32	17	28		41	dr.		
Khartoum																	
Kassala	100	20	30	02	0	1	Ac			28?	21	20		66	16		
Wad Medani																	
Renk																	
Roseires																	
El Obeid	260	1	30	03	0	5	Cc	7.4		31	18	27		46	0		
El Fasher																	
Geneina	230	3	30	01	2	3	AC			25	21	22		79	0.1		
Malakal	80	3	35	21	6	8	Sc, AS	12.5		27	22	22		74	dr.		
Wau																	
Juba	270	3	30	02	2	7	Cb, Ac	10.9		28	22	22		70	0		

RETARDS — DATE

*9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Minya	A'bet A.P																		
DATE	27-5	27-5																		
TIME	14	14																		
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	10	10	20	10																
600 m.	360	9	360	2																
1000 m.	340	6	280	8																
1500 m.	330	3	300	8																
2100 m.			320	13																
2400 m.																				
3000 m.																				
4000 m.																				
5000 m.																				
6000 m.																				

STATION	Amriya	El-Arish	M. Matruh	Minya	Asyout	P. Said							Gemena		Juba		Khartoum	
DATE	28-5	28-5	28-5	28-5	28-5	28-5							28-5		28-5		28-5	
TIME	03	03	03	12	02	03							04		04		05	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	16	20	5	90	4	330	4	300	12	10	9						
600 m.	20	17	330	3	20	7	330	5	320	19	30	10			350	5	120	19
1000 m.	340	10	350	10	330	4	350	4	330	16	340	21	240	9	350	6	120	33
1500 m.	300	9	310	30	220	9	340	6	340	15	290	28	270	8			120	27
2100 m.	300	13	270	32					320	10			310	6			180	7
2400 m.	290	17	290	26									340	1	110	8		
3000 m.	270	19											70	13	120	14		
4000 m.	280	20													180	24		
5000 m.																		
6000 m.																		

STATION	Hurghada	Asyout	Baharia	Dakhla	Aswan	Kharga	Minya	P. Said	Helwan	Matruh		
DATE	28-5	28-5	28-5	28-5	28-5	28-5	28-5	28-5	28-5	28-5		
TIME	08	08	08	08	08	08	08	08	0715	08		
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	260	23	320	6	270	7	290	4	350	5	360	4	10	6	160	3	80	7	300	3
600 m.	300	17	310	12	250	8	320	8	20	6	360	9	340	5	110	5	60	5	310	9
1000 m.	310	13	300	11	260	5	330	11	340	2	10	10	280	8	40	7	30	5		
1500 m.	320	15	310	15	260	3	330	11	250	8	360	8	270	9	320	3	300	6		
2100 m.	320	9	310	8	300	4			260	4	310	14	260	8			270	12		
2400 m.	300	7	290	10	320	3			260	12			250	10			260	16		
3000 m.	290	7	290	10					260	13			260	10						
4000 m.	310	8																		
5000 m.																				
6000 m.																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

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

THE DAILY WEATHER REPORT

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT. – CAIRO

DATE Friday 29th May 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST From noon tomorrow to noon tomorrow

Pleasant weather continues up to Middle Egypt rather cool by night. Some clouds near the coast getting less inland. winds moderate northerly. Heat wave continues in extreme south.

التقارير المنشورة في حالة الطقس

يستمر الطقس الطيب السائد حتى وسط مصر نسبيا بارد بالليل بعض السحب قرب الساحل وتقل في الداخل والرياح شمالية معتدلة. موجة الحر مستمرة في أقصى الجنوب.

Printed by the Survey of Egypt 1952 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 3 2 55 U.T.
" " Sunset 16 49 U.T.

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

At 1200 on Thursday 28th

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 %
20	19	35	03	2	4	Sc, Cu	14.6	23	15	61
330	12	18	02	2	3	Cu	12.5	23	16	65
330	11	14	01	1	1	Cu	11.4	23	17	69
20	5	50	02	2	7	AC	11.2	25	11	42
90	1	18	02	2	7	AC, CS	11.1	28	14	42
340	5	7	03	1	7	AC	12.3	25	17	61
10	6	30	01	2	5	Cu, CS	12.3	26	18	62
360	6	30	01	2	3	AC, CS	11.1	25	18	65
360	3	15	03	2	8	AS	11.9	29	14	40
360	2	35	03	2	7	CS	11.4	28	15	45
20	9	35	03	2	4	AC	11.3	31	12	31
00	0	50	02	1	3	Cu	11.2	33	17	38
20	2	35	03	2	8	AC, Cu	10.8	33	10	24
00	0	18	02	1	3	Cu, AC	10.7	32	8	22
20	6	30	03	2	7	Cb, AC	10.6	32	12	30
60	3	30	03	1	5	CC	10.6	34	15	33
80	3	30	03	1	5	CC	10.2	33	10	24
360	5	35	01	1	3	AC	9.9	33	8	21
360	4	35	02	1	5	AC	9.6	36	13	25
340	2	8	03	1	5	Cu, AC	9.0	36	12	24
340	6	30	03	1	7	AC, CS	9.2	37	9	18
00	0	15	02	1	6	SC Cu	9.4	36	17	33
270	2	50	02	1	4	Ci	7.9	38	14	24
340	4	50	01	1	3	AC	7.2	40	19	30
310	10	14	02	0	4	Cu, Ci	13.1	33	7	20
320	3	35	02	1	4	AC	10.8	36	13	25
290	14	35	03	1	7	AC, Ci	11.6	36	7	17
320	4	35	01	2	6	Cu	9.8	36	-10	5
360	7	50	03	0	6	Cu	9.6	32	11	28
270	5	50	03	2	7	AS	9.5	30	17	46
30	9	30	02	2	6	AC	9.2	27	22	74
360	9	15	02	1	3	AC	8.7	31	20	52
50	14	30	02	0	1	Cu	7.0	34	28	70
350	2	30	01	1	2	AC	7.7	41	7	13
230	1	2	06	3	9		4.0	42	13	18
230	1	30	03	0	2	Cu	3.0	43	12	16
170	4	30	02	9	4	Cu, Ci	4.3	39	16	26
50	7		0	0	6	Cb, Ac		37	18	33
00	0	30	02	2	6	Cu, Ci		38	13	22
230	5	30	03	0	3	Cu, Ci		34	16	34
200	13	30	16	2	7	Ch, Cs	7.4	29	18	52

At 1800 on Thursday 28th

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	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
340	13	15	00	0	0	—	11.8	21	14	24	-4	65	0
320	5	14	02	0	2	Cu, Cs	11.1	20	17	24		83	0
320	12	15	03	1	3	Sc	10.3	20	17	25		83	0
320	11	7	01	1	2	Cu	9.8	22	17	28		71	0
330	9	35	01	2	8	—	10.0	21	18	28	+1	83	dr.
10	10	12	01	1	2	Ci	9.7	21	18	28	+1	83	0
40	5		01	1	2	Ac	10.3	22	19	27	0	83	0
10	15	18	01	2	8	Ac	9.6	25	17	26	-1	61	0.2
130	5	15	02	1	2	Ac	10.4	23	16	31	0	65	0
40	5		00	5	8	—	9.5	23	18	31	-2	74	dr.
00	0	35	03	6	6	Cu	10.2	22	19	31	-2	83	0.6
20	2	15	00	0	0	—	9.8	24	16	32		61	0
00	0	35	02	1	0	—	9.8	24	18	34	+1	69	0
40	2	35	03	2	8	As	10.3	28	10	34		33	0
110	5	12	01	2	3	Ac	9.2	27	13	34		42	0
110	8	12	01	8	3	Ac	9.2	27	17	34	0	55	dr.
00	0	10	02	8	5	Ac	8.5	26	16	34	0	54	dr
00	0	10	02	8	5	Ac	8.7	27	14	35	+1	45	dr
40	13	15	01	5	6	Ac	8.6	26	14	35	+1	48	dr.
00	0	35	01	1	3	Ac	8.3	27	16	37	+2	52	0
360	5	8	02	1	4	Ac	7.6	28	7	37	+1	27	0
00	0	14	02	2	7	Ac, Cs	7.4	27	7	37	0	28	0
00	0	7	02	1	6	Ac, Ci	8.4	29	16	37	0	46	0
270	1	7	02	1	2	Ci	8.2	30	13	39	0	35	0
360	6	50	00	0	0	—	6.7	37	17	41	+1	31	0
00	0	15	02	2	6	Ac	9.9	30	15	38	+3	40	0
340	4	15	01	2	7	Cu	8.6	33	8	38	-1	21	0
00	0	15	02	2	5	Sc	7.1	34	9	40	+1	22	0
360	5	15	03	6	7	Cu	10.3	28	10	35	+1	33	dr.
270	5	35	01	2	6	AC	7.7	27	19	33	+1	62	0
260	5	12	03	2	3	AC	7.5	27	16	30	0	52	0
20	2	15	03	1	0	—	7.6	28	20	31	-1	62	0
										36			
										43			
										43			
										44			
00	0	30	13	2	6	Cb, Cs	44		21	39			0
										40			
										36			
										32			

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	TANTA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMA'ÎLÍA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÁZA (A)
	374	CAIRO EZBEKÍYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛṬ (A)
	399	NAG' ḤAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÍWA
	420	BAHARÍYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	'ATBARA
	721	KHARṬOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SUDÂN	840	MALAKÁL
	880	WÂU
	941	JUBA

RETARDS — DATE

At 0600 on Friday 29th May, 1953

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.	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
290	5	15	00	0	0	—	11.8	-1.2	21	16	17	-1	74	0	38	
280	11	13	02	2	3	Cu	11.6		21	17	18		78	0	109	
290	9	18	02	2	6	Sc	11.5	-2.7	22	16	16		69	0	52	
320	12	15	03	2	6	St	10.9		22	15	16		65	0	95	
270	6	50	03	0	3	Cu	11.0	-2.7	22	16	19	0	69	dr	125	185
320	12	15	03	2	6	St										138
290	2	7	03	1	5	Cu	10.6	-2.1	23	16	18	-1	65	0	56	105
260	5	14	02	0	2	Sc	10.2	-2.6	23	17	20	-1	69	0.2	61	
340	3	15	02	1	3	Cu	10.8	-2.5	23	16	17	0	65	0	43	101
360	3	15	03	2	5	Cu	10.0	-2.9	23	16	18	+1	65	dr.	48	54
00	0	35	01	1	4	Cu	10.7	-2.6	24	18	16	0	69	0.6	18	43
200	2	15	02	2	3	AC	11.5	-1.7	23	16	17		65	0		
00	0	35	02	0	0	—	10.2	-2.9	23	18	17	+1	74	0	29	27
340	2	35	03	1	4	AC	9.5		25	15	14		54	0	32	
340	3	30	01	0	1	AC, Cu	7.5		34	9	26		22	0		
360	1	30	03	1	5	AC			35	11	30		23	0		
340	5	30	03	6	7	SC, AC	5.3		30	15	29		40	6		
330	6		01	2	3	AC, CS	8.8		30	16	24		43	dr.		
320	9	35	02	1	3	CS	7.6		30	19	24		52	0		
00	0	30	02	2	8	Cu, AC			27	19	25		62	0		
00	0	30	03	2	8	AC, CS			28	21	22		66	5		
		30	15	2			12.3		24	21	21		84	dr		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani		El-Arish		Alex. A.P.		P. Said															
DATE	28-5		28-5		28-5		28-5															
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.	320	17	300	19	330	4	360	3														
600 m.	320	17	320	15	290	7	310	11														
1000 m.	310	19	340	23	290	10	300	14														
1500 m.	280	16	310	15	320	5	210	3														
2100 m.	270	28	300	17	310	7	240	29														
2400 m.	260	27	180	24			200	13														
3000 m.							210	9														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Asyout		Minya		P. Said		Fm. Matruh										El Genaiwa		Kasaaita		El-Farher	
DATE	29-5		29-5		29-5		29-5										29-5		29-5		29-5	
TIME	02		02		02		05										04		03		0330	
ALTITUDE	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	3	340	6	280	6	280	12														
600 m.	300	3	340	8	300	7	310	13											20	3		
1000 m	330	10	360	5	310	9	310	13									200	3	340	3		
1500 m.	310	16	360	4	270	14	300	19													230	6
2100 m.	300	23	10	6	280	26															30	9
2400 m.	280	16	20	8	280	23											40	21			40	19
3000 m.																					50	27
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Baharia		Aswan		Luxor		Aswan		Asyout		m. Matruh		Helwan		P. Said		Dakhla		Kharga		Minya	
DATE	29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5	
TIME	08		09		08		08		08		08		07		08		08		08		08	
ALTITUDE	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	7	290	4	350	4	330	6	310	20	310	15	330	3	270	7	360	12	10	6	350	10
600 m.	100	7	260	5	320	5	330	6	310	8	290	16	30	4	280	12	350	13	360	10	310	10
1000 m.	330	3	260	8	330	4	330	9	290	21	280	13	290	10	270	16	360	14	350	10	320	11
1500 m.	320	6	250	10	280	12			190	23	300	13	280	13	270	15	360	24	300	10	290	10
2100 m.	310	12	260	18	280	16					320	14							270	17		
2400 m.																						
3000 m.			260	23																		
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo																			
DATE	28-5																			
TIME	1500																			
	ALT. m.	TEMP. °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.	88	31		20	17															
950 mb.																				
900 mb.																				
850 mb.	1518	19		270	9															
800 mb.																				
700 mb.	3148	6		270	26															
600 mb.																				
500 mb.	5805	-11		260	52															
400 mb.	7490	-20		260	78															
300 mb.	9572																			
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 30th MAY 1953

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 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	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

PAST WEATHER "W"

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: *from noon today to noon tomorrow.* توقعات المنظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Temperature rising with high and medium clouds تعود درجة الحرارة للارتفاع مع ظهور سحب عالية ومتوسطة

Winds moderate Northerly switching to southerly later on. والرياح أنظار شمالية شرقية معتدلة تتحول الى جنوبية فيما بعد.

Printed by the Survey of Egypt 1952 (52/384)

F. G.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 02 55 U.T. / " " Sunset 16 50 U.T.

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

At 1200 on Friday 29th

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 %
20	13	35	02	1	2	Cu	11.4	23	20	83
320	7	15	02	0	2	Ci	11.8	23	17	69
320	15	18	02	0	1	Cu	11.1	24	16	61
330	13	50	02	0	3	Cu	11.8	24	16	61
310	15	18	01	2	5	Cu	11.6	24	18	69
320	9	35	01	0	0	—	10.8	24	18	69
360	13	30	02	0	1	Sc	11.0	23	18	74
360	6	30	01	1	1	Sc, Cu	10.0	25	16	58
310	9	15	02	1	2	Cu	10.7	28	15	45
270	5	35	03	2	5	Cu	10.6	29	12	35
00	0	35	03	2	5	Cu	10.3	30	13	35
220	9	30	01	1	2	Cu	11.1	30	11	31
00	0	50	02	1	0	—	10.7	31	17	43
270	5	35	03	1	4	Cu	9.8	31	10	28
310	10	18	02	0	1	Sc	10.2	30	8	25
290	11	30	02	1	1	Cu	10.4	30	8	25
350	6	30	01	1	2	Cu	9.8	30	11	31
350	6	30	01	1	2	Cu	10.6	30	9	27
320	6	35	01	1	1		10.2	29	6	23
360	4	35	02	1	3	Ci	10.4	32	6	20
310	5	10	02	1	3	Ci	10.3	32	9	24
280	15	30	03	1	3	Ac, Cu	9.5	34	-1	11
00	0	15	01	1	2	Cs	7.9	38	11	19
260	1	50	02	0	3	Ci	7.2	37	12	22
320	8	30	03	2	5	Cu, Ci	7.6	39	5	12
360	4	50	03	2	3	Ac	6.8	39	15	24
320	2	35	02	2	4	Ac	11.0	31	7	22
00	0	35	01	1	3	Ci	11.9	34	6	18
340	11	50	01	1	3	Ci	9.6	35	11	23
320	7	15	02	2	4	Sc	8.3	37	12	22
40	8	50	03	0	5	Cu	10.8	30	15	40
170	5	50	01	1	4	Ac	8.4	32	18	43
30	3	30	02	1	4	Sc	7.8	29	22	66
40	2	15	02	1	6	Ac	6.6	30	23	66
70	10	50	03	0	1	Cu	6.9	34	29	74
340	13	30	03	0	5	Ac, Ci	6.7	40	9	15
360	1	30	03	2	7	Ac		43	8	12
10	3	30	03	2	7	Ac	4.4	39	13	21
20	4	30	03	2	8	Cu, Cs	2.6	43	9	13
50	9	30	03	1	5	Cu, Ac	3.2	41	12	18
330	2	30	03	1	7	Cu, Cs	3.3	40	16	24
90	3	30	03	2	8	Cu, Cs			12	
00	0	30	03	0	8	Cu, Ac			17	
190	7	30	02	6	8	Cu, Ac	9.6	29	20	59
160	3	30	02	1	7		10.2		20	
90	5	50	02	2	7	Cb, Ac	7.4	32	22	56

At 1800 on Friday 29th

WIND Direction Deg.	WIND Velocity in 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.
70	13	15	03	2	8	As	11.0	21	18	26	-2	83	0
40	2	14	02	1	4	Cs	11.3	21	17	24		78	0
300	2	14	01	1	4	Cs	11.7	20	17			83	0
340	5	7	03	2	6	Sc	11.7	20	17	25		83	0
300	18	35	01	0	2	Cs	12.3	21	16	25	-2	74	0
340	9	12	03	1	4	Ci	12.1	20	18	25	-2	88	0
320	5		03	1	3	Cu	12.2	22	17	25	-2	74	0
350	11	15	03	0	2	Sc	12.5	22	18	26	-1	78	0
00	0	14	03	0	0	—	11.2	21	17	29		83	0
360	5	15	02	0	0	—	12.6	23	16	29	-2	65	0
320	5		00	1	0	—	12.4	23	15	30	-3	61	0
00	0	35	01	2	0	—	12.5	21	16	31	-3	69	0
20	5	15	00	0	0	—	12.0	24	16	31		61	0
00	0	35	02	0	0	—	12.1	24	18	32	-1	69	0
360	2	35	02	0	0	—	12.0	23	16	33		65	0
340	7	12	00	1	0	—	12.2	26	14	31		48	0
340	11	12	00	1	0	—	11.8	25	15	31	-3	54	0
330	3	10	00	0	0	—	11.5	25	16	30	-4	57	0
330	3	10	00	0	0	—	11.6	26	13	32	-2	45	0
340	13	15	02	0	1	Ci	11.5	26	10	30	-4	37	0
00	0	35	02	0	0	—	10.7	26	10	33	-2	37	0
360	4	8	03	1	4	Ci	10.0	26	12	34	-2	42	0
300	4	14	02	1	1	Ci	10.0	28	0	36	-1	16	0
00	0	7	01	1	3	Ac, Cu	9.4	32	15	38	+1	36	0
270	1	7	02	1	2	Ci	8.7	31	10	38	-2	28	0
300	7	12	01	2	2	Sc, Cu	9.0	32	7	39		21	0
360	6	50	01	1	2	Ci	7.6	37	15	41	+1	27	0
00	0	15	02	2	4	Ac	10.2	27	9	32	-4	33	0
360	4	15	02	1	3	Ci	11.4	32	-9			7	0
340	11	15	01	2	6	Cu	9.4	31	7	36	-3	22	0
00	0	15	02	2	3	Ac	9.0	32	6	38	-1	20	0
360	9	15	01	0	2	Cu	12.0	24	16	33	-1	61	0
310	9	35	03	1	3	Ci	9.8	31	17	36	+4	43	0
310	6	12	01	1	0	—	9.0	29	20	31	+1	59	0
20	2	15	01	1	0	—	8.4	28	22	32	0	70	0

At 0600 on Saturday 30th May, 1953

WIND Direction Deg.	WIND Velocity in 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
110	6	15	03	1	4	Ci	12.7	0.3	21	18	19	+1	83	0	38	
110	4	12	01	2	3	Sc, Cs	13.3		20	17	15		83	0	109	
00	0	15	47	4	1	Cu, Ci	13.6	-0.1	20	17	13		83	0	52	
180	2	15	01	1	2	Cu	13.9		22	17	14		74	0	95	
130	4	50	03	0	4	Ci	14.6	+0.9	22	17	19	0	74	0	125	185
160	6	18	01	2	3	Sc	14.2	+1.5	22	17	15	-3	74	0	122	138
320	2	7	03	1	5	Cu	14.8	+2.2	23	16	17	-2	65	0	56	105
270	4	18	03	0	3	Sc	14.8	+2.0	23	17	20	-1	69	0	61	
210	3	30	01	1	1	Cu	13.9	+1.1	25	15	17		54	0	46	
40	9	15	02	1	1	Ci	14.3	+1.0	24	18	18	+1	69	0	43	101
90	3	15	00	0	0	—	14.7	+1.8	23	16	17	0	65	0	48	54
00	0	35	01	1	3	Cb	14.6	+1.3	24	16	15	-1	61	0	18	43
160	2	15	00	0	1	Ci	14.8	+1.7	23	16	15		65	0		
00	0	35	02	0	0	—	15.1	+2.1	24	18	16	0	69	0	29	27
200	2	35	03	1	3	Ci	14.6		24	18	17		69	0	32	
00	0	18	02	1	1	Ci	14.9		25	15	18		54	0	7	
00	0	18	03	1	2	Cs	14.2	+1.7	24	14	18	-1	54	0	8	
320	4	10	03	0	2	Ci	14.3	+1.6	25	16	19	+1	58	0	15	26
320	4	10	03	0	3	Ci	14.3	+1.6	25	16	15	-1	58	0	43	26
00	0	7	05	0	1	Ci	14.4	+1.9	23	15	19	0	61	0	3	29
00	0	35	02	0	1	Ci	15.0	+2.5	25	15	18		54	0	14	8
00	0	8	02	1	1	Ci	14.7	+2.4	26	16	17		55	0	1	
00	0	12	03	1	5	Ac, Ci	14.0	+2.4	26	4	21		25	0	2	
00	0	7	01	1	2	Ac	12.0	+2.0	26	12	17	0	42	0	0.3	
270	1	35	00	0	0	—	18.2	+1.3	33	15	24	+2	34	0	2	
170	1	30	02	0	1	Ac	12.2	+2.5	31	7	24		22	0	1	
360	4	50	01	1	2	Ci	11.0	+1.0	32	14	27	+2	34	0	2	
90	1	35	02	1	2	Cu	14.2	+1.1	25	14	18	0	51	0	dr.	8 7
00	0	35	01	1	5	Cs	14.0		26	7	18		30	0	1	
00	0	50	00	0	0	—	13.9	+2.2	30	8	22	+1	25	0	0	
40	2	15	00	0	0	—	12.3	+1.8	27	6	21	-1	23	0	dr..	
00	0	35	00	0	3	Cu	14.4	+2.4	27	16	19	-1	52	0	45	17
310	9	35	03	1	4	Ci	13.9	+4.1	26	18	24	+2	62	0	Rain	13
330	20	18	02	0	3	Ci	12.6	+2.9	26	17	22	0	58	0	9	
360	13	15	02	0	0	—	12.0	+2.3	28	20	25	0	62	0	12	4
240	2	30	02	1	3	Ci	12.6		25	20	22		74	dr..		

AREA	INDEX NUMBER	STATION
MEDITERRANEAN	62300	SALLOÛM
	303	SIDI BARRÂNI
	306	MATRÛH (A)
	309	EL DABʿAA
	319	ALEXANDRIA
	318	ALEXANDRIA (A)
	330	DAMIETTA
	333	PORT SAʿID (A)
	336	EL ʿARISH
LOWER EGYPT	339	DAMANHÛR
	342	MANSÛRA
	348	ṬANTA
	360	SHEBÎN EL KÔM
	354	ZAGAZIG
	441	ISMAʿÎLIA
CAIRO AREA	366	CAIRO (A)
	372	CAIRO ALMÀZA (A)
	374	CAIRO EZBEKÎYA
	375	GIZA
	378	HELWÂN
UPPER EGYPT	381	FAYOÛM
	387	MINYA (A)
	393	ASYOÛT (A)
	399	NAGʿ HAMÂDI
	402	QENA
	405	LUXOR (A)
	414	ASWÂN
OASES	417	SÎWA
	420	BAHARÎYA
	423	FARAFRA
	432	DAKHLA
	435	KHARGA
RED SEA	450	SUEZ
	459	TÛR
	462	HURGHÂDA
	465	QUSEIR
	641	PORT SÛDÂN
NORTH SUDAN	600	WÂDI HALFA
	640	ABU HAMAD
	660	KAREIMA
	680	ʿATBARA
	721	KHARTOÛM
	730	KASSALA
CENTRAL SUDAN	751	WÂD MEDANI
	801	RENK
	802	ROSEIRES
	771	EL OBEID
	760	EL FASHER
	770	GENEINA
S. SÛDÂN	840	MALAKÂL
	880	WÂU
	941	JUBA

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		P. Said		El Arish		Minya		Asyout		Kharga		Hurghada					
DATE	29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5		29-5					
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.	340	15	320	14	310	12	340	11	330	13	340	10	280	16	340	21	20	11				
600 m.	300	17	300	16	300	11	320	21	310	17	340	10	290	25	330	23	10	9				
1000 m.	290	21	310	14	300	11	310	19	80	22	340	10	280	18	330	23	350	12				
1500 m.	290	17	290	13	300	16	290	10	270	14	300	8	320	16			270	6				
2100 m.	290	17	300	14			260	12	290	18	300	15	320	18								
2400 m.	300	17	290	15							280	13	310	30								
3000 m.	320	23	300	13									300	35								
4000 m.																						
5000 m.																						
6000 m.																						

STATION			Alex. A.P.		P. Said		El Arish		Almaza		Minya											
DATE			30-5		30-5		30-5		30-5		30-5											
TIME			2		2		3		4		2											
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.			170	6	240	4	200	8	60	3	50	13										
600 m.			160	10	250	3	260	4	20	8	20	13										
1000 m.					290	9	40	5	20	7	310	13										
1500 m.					310	16	320	6	340	13	280	12										
2100 m.							40	2	310	19	300	13										
2400 m.							40	2	290	23	300	17										
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S. Barani		Matruh		P. Said		Minya		Asyout		Luxor		Aswan		Dakhla		Kharga					
DATE	30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5					
TIME	8		8		8		8		8		8	15	8		8		8					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	170	10	150	9	240	3	40	6	30	7	350	5	360	9	130	3	20	12				
600 m.	190	17	170	10	290	3	10	4	40	8	340	8	350	7	160	4	60	12				
1000 m.	200	9	180	4			320	5	350	7	320	2	350	10	150	4	50	10				
1500 m.	220	10	260	8			340	10	320	16	270	17			150	7	310	8				
2100 m.	230	10	270	8			250	17	270	14	270	15					320	18				
2400 m.	270	18	250	10			260	14	270	16	270	24					320	25				
3000 m.	270	24	280	18			300	21	290	18	270	30										
4000 m.			280	22																		
5000 m.			280	17																		
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	29-5-53																			
TIME	1500																			
	ALT. m	TEMP. °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.	97	30		330	10															
950 mb.																				
900 mb.																				
850 mb.	1517	17		300	11															
800 mb.																				
700 mb.	3135	7		280	12															
600 mb.																				
500 mb.	5825	-6		270	49															
400 mb.	7535	-19		270	73															
300 mb.	9613	-34																		
200 mb.																				

REMARKS :

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

THE DAILY WEATHER REPORT

OBSERVATIONS

REPUBLIC OF EGYPT – METEOROLOGICAL DEPT. – CAIRO

DATE SUNDAY 31st MAY 1953

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WEATHER BUREAU

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developing	
02	Sky generally unchanged	
03	Cloud forming or developing	
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspention	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	„ reaching ground but distant 5 kms.	
16	„ „ „ near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	
20	Drizzle (not freezing)	not falling as shower (s) — during preceding hour not at time of observation
21	Rain („ „)	
22	Snow	
23	Rain and snow	
24	Freezing drizzle or rain	
25	Shower (s) of rain	
26	„ of snow, or of rain and snow	
27	„ „ hail, „ „ „ „ hail	
28	Fog	
29	Thunderstorm with or without precipitation	
30, 31, 32	Slight or moderate duststorm or sandstorm	decreased / no change / increased — during preceding hour
33, 34, 35	Severe duststorm or sandstorm	decreased / no change / increased — 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	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

PAST WEATHER

0	Clear (no cloud at any level)
1	Partly cloudy
2	Continuous layer (s) of cloud
3	Sandstorm or duststorm
4	Fog or thick dust haze
5	Drizzle
6	Rain
7	Snow
8	Showers
9	Thunderstorm

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

GENERAL FORECAST: from noon today to noon tomorrow. التغيرات المنتظرة فى حالة الطقس من ظهر اليوم الى ظهر غد

Mild weather on the northern coast in west tonight يتوقع الجو المعتدل على الساحل الشمالى فى الجهة الغربية الليلة

extending tomorrow to Delta and Cairo. Winds وغدا على الدلتا والقاهرة. الرياح

switching to west. Medium cloud persist with light rain تتحول الى الغرب. السحب المتوسطة تستمر مع امطار خفيفة

over the northern coast in west

Printed by the Survey of Egypt 1952 (52/334)

F. 12

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 02 55 U.T. / " Sunset 16 51 U.T.

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

At 1200 on Saturday 30th

WIND Direction Deg.	WIND Velocity in 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 %
80	10	18	01	0	1	Ci	12.5	28	14	42
70	9	35	01	1	3	Cu, As	13.8	26	17	58
		50	03	1		CS	15.1	24	17	65
350	13	14	02	2	6	CS	14.5	26	16	55
20	5	35	01	1	3	AC	14.6	26	18	62
20	6	30	02	1	4	Cu, Ci	15.0	27	17	55
360	4	30	03	1	4	As, Ci	14.4	25	17	61
310	5	15	02	1	6	AC	13.9	31	15	38
40	5	35	03	2	6	Ci	14.2	30	11	31
00	0	35	03	2	6	Ci	13.8	30	13	35
00	0	50	02	1	4	Ci	14.0	30	17	46
320	2	35	03	1	5	AC	14.2	30	11	31
360	13	30	02	0	3	CS	14.3	31	4	18
360	2	30	03	2	5	AC	13.5	31	7	22
320	4	18	03	0	5	CS	13.6	31	12	31
320	4	18	03	0	5	CS	13.9	32	7	21
260	9	35	03	2	8	Cc	13.5	31	3	17
360	4	35	03	1	5	AC	13.8	32	6	20
00	0	35	01	1	2	Ci	13.5	35	8	19
00	0	50	01	1	3	Ci	12.3	37	6	14
00	0	50	02	1	0	—	11.0	37	9	18
40	5	50	03	0	4	Cu	13.5	30	8	25
310	9	50	01	1	2	AC	11.6	32	6	20
360	19	30	02	1	3	Ci	10.7	28	17	52
360	9	15	02	0	0	—	10.6	28	20	62
50	11	50	02	1	4	AC, Ci	8.6	37	27	56
360	15	30	02	0	0	—	8.4	41	11	17
360	2	30	03	1	5	Cu, AC		44	9	13
20	2	30	03	0	2	Cu, Ci			9	
200	3	30	02	2	7	AC, CS	5.7	43	13	17
200	7	30	01	2	3	Cu, Ci	6.3	40	16	24
310	2	30	03	2	1	Cu	5.9	39	15	24
160	5	50	02	5	7	Cu, AC		35	15	30
210	3	30	02	6	7	AC, Ci	11.1	31	19	49
110	4	30	02	1	6	Cu, AC	9.5	32	20	49
20	2	50	17	2	6	Cb, Ci	9.1	32	21	52

At 1800 on Saturday 30th

WIND Direction Deg.	WIND Velocity in 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.
70	5	15	01	0	0	—	11.1	23	18	27	-1	74	0
100	14	13	02	2	6	AC	11.4	23	17	25		69	0
100	12	12	03	1	3	Ci	11.5	22	19	28		83	0
110	7	7	01	1	2	Cu	11.5	22	17	27		74	0
330	6	35	01	1	0	—	14.7	22	18	26	-1	78	0
20	5	12	02	0	3	Ci	14.1	21	18	27	-1	83	0
20	5		02	0	0	—	15.1	22	19	28	+1	83	0
40	12	14	01	1	1	Ci	15.0	22	19	28	+1	83	0
10	4	14	01	1	0	—	14.3	21	17	26		78	0
360	5	15	02	1	1	Ci	14.3	24	16	32	+1	61	0
40	5		02	1	2	As	14.7	23	16	31	-2	65	0
00	0	35	01	2	3	Cu	13.8	24	19	31	-3	74	0
20	5	15	00	0	0	—	14.4	25	15	32		54	0
40	3	35	02	1	0	—	15.2	26	18	32	-1	62	0
360	5	35	02	0	0	—	14.6	25	17	32		61	0
20	8	14	01	1	3	AC, Ci	14.4	28	10	32		33	0
20	6	12	01	2	3	AC, Ci	13.5	28	10	33	-1	33	0
00	0	10	01	1	3	Ci	13.2	27	11	31	-3	37	0
00	0	10	01	1	3	Ci	13.3	28	8	33	-1	29	0
340	9	35	01	1	1	AC	13.5	28	4	32	-2	22	0
00	0	35	01	0	0	—	13.0	26	10	34	-1	37	0
30	4	8	01	1	1	Ci	12.2	26	10	34	-2	37	0
340	2	12	01	1	1	AC	12.0	31	6	36	-1	21	0
00	0	7	00	0	0	—	12.3	29	18	36	-1	52	0
270	1	7	00	0	0	—	11.6	32	2	38	-2	15	0
280	2	12	01	0	0	—	10.8	32	4	39		17	0
360	3	50	00	0	0	—	10.8	36	13	40	0	25	0
360	2	15	02	1	2	AC	12.8	30	11	35	-1	31	0
40	5	15	03	1	7	Cb	12.0	32	6	38		20	0
80	4	35	01	1	3	Cu	11.4	33	4	38	-1	16	0
00	0	15	00	1	0	—	11.1	32	2	38	-1	15	0
360	3	15	01	0	1	Cu	13.6	25	15	31	-3	54	0
310	5	35	02	0	0	—	12.3	26	18	36	+4	62	0
310	11	12	01	1	0	—	12.0	29	14	30	0	40	0
180	2	15	02	0	0	—	10.7	27	19	29	-3	62	0
										37			
										42			
										45			
										43			

At 0600 on Sunday 31st May 1953

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	90	9	15	03	1	6	Cb	9.4	-3.6	23	16	20	+2	65	0 ?	38	
	303	SÎDI BARRÂNI	120	9	12	17	9	7	AC	9.6		23	16	20		65	4	113	
	306	MATRÛH (A)	160	20	1.1	07	2	7	AC	9.5	-4.1	26	12	20		42	0	52	
	309	EL ḌAB'AA	160	15	15	02	1	5	Sc, Cu	10.4		25	11	17		42	0	95	
	319	ALEXANDRIA	130	18	50	03	0	6	CS	12.2	-1.4	23	15	19	0	61	0	125	185
	318	ALEXANDRIA (A)	150	14	18	03	1	6	CS	11.7	-1.0	24	15	19	+1	57	0	122	138
	330	DAMIETTA	140	5	7	03	1	6	AC	12.8	+0.3	24	19	20	+1	74	0	56	105
	333	PORT SA'ÎD (A)	130	12	12	01	1	4	Ci	13.9	+1.2	24		20	-2		0	61	
	336	EL 'ARISH	80	3	30	03	1	5	AC, Ci	13.6	+0.8	24	14	16		54	0	46	
LOWER EGYPT	339	DAMANHÛR	130	13	15	02	1	2	Ci	12.7	-0.5	26	12	18	+1	42	0	43	101
	342	MANṢÛRA	90	3	15	03	2	6	AC	13.0	+0.2	25	13	17	0	47	0	48	54
	348	ṬANṬA			35	01	1	4	Sc	12.7	-0.5	27	11	17	+1	37	0	12	43
	360	SHEBÎN EL KÔM	70	5	15	01	1	2	AC	12.8	-0.2	25	11	18		42	0		
	354	ZAGAZIG	40	2	35	03	1	6	AC	12.9	0.0	23	15	19	+3	61	0	29	27
	441	ISMA'ÎLIA	180	2	35	01	2	7	AC, Ci	12.0		27	13	17		42	0	32	
CAIRO AREA	366	CAIRO (A)	110	11	15	01	2	5	AC	13.3		28	9	19		31	0	7	
	372	CAIRO ALMÁZA (A)	120	10	14	01	2	2	AC	12.3	-0.1	28	9	19	0	34	0	8	
	374	CAIRO EZBEKÎYA	00	0	10	01	2	5	Ac, Cc	12.5	-0.2	28	14	22	+4	42	0	15	26
	375	GIZA	00	0	10	01	2	5	AC, Cc	12.7	+0.1	27	16	18	+2	52	0	43	26
	378	HELWÂN	00	0	7	01	1	4	AC	13.1	+0.6	26	12	23	+4	42	0	3	29
UPPER EGYPT	381	FAYOÛM	00	0	35	02	2	6	AC	13.5	+1.0	28	13	19	0	40	0	14	8
	387	MINYA (A)	180	4	8	03	0	2	Ci	12.5	+0.2	28	11	18	0	35	0	1	
	393	ASYOÛT (A)	90	2	14	02	1	4	AC, Ci	12.6	+1.1	30	4	23	+3	19	0	2	
	399	NAG' ḤAMÂDI	00	0	7	00	0	0	—	13.3	+1.3	29	12	20	0	35	0	0.3	
	402	QENA	90	1	35	00	0	0	—	12.6	+2.7	31	3	23	+1	17	0	2	
	405	LUXOR (A)	00	0	30	03	0	1	Ci	12.9	+3.2	32	6	24		20	0	1	
	414	ASWÂN	00	0	50	00	0	0	—	13.1	+3.1	32	18	26	+1	43	0	2	
OASES	417	SÎWA																	8
	420	BAHARÎYA	130	2	35	02	2	4	AC	11.2	-1.9	28	4	23	+5	22	0	dr.	7
	429	FARAFRA	110	2	35	01	1	4	Ac	12.0		30	8	25		25	0	1	
	432	DAKHLA	160	4	50	01	1	5	Ac	12.0	+0.4	31	7	24	+3	22	0	0	
	435	KHARGA	00	0	15	02	2	0	—	11.6	+1.2	31	10	22	-1	28	0	dr	
RED SEA	450	SUEZ	40	4	35	00	0	5	Cu	13.1	+1.2	28	10	19	-1	33	0	43	17
	459	TÛR	270	9	35	02	0	0	—	12.7	+2.0	26	20	19	-3	70	0	Rain	13
	462	HURGHÂDA	350	4	30	02	1	2	Ci	12.0	+2.7	26	16	20	-2	55	0	9	
	465	QUSEIR	360	5	15	02	0	0	—	11.2	+1.6	29	16	26	+1	46	0	12	4
	641	PORT SÛDÂN	360	6	50	01	2	4	Ci	10.7		34	24	25		56	0		
NORTH SUDAN	600	WÂDI HALFA				03	0		Cu, AC	11.5		33		26			0		
	640	ABU HAMAD	360	3	30	01	2	1				35	13	30		27	0		
	660	KAREIMA																	
	680	ʿATBARA																	
	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	180	3	30	02	0	8	AC	13.1		24					0.5		
	880	WÂU																	
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Malruh		Alex. A.P		El Arish		Minya		Asyout		Luxor		Siwa		Dakhla		Kharga			
DATE	30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5		30-5			
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.	100	21	100	14	330	4	340	10	20	6	350	6	320	11	150	12	330	3	340	17		
600 m.	150	13	140	12	250	5	300	11	10	10	340	11	320	16	160	15	310	6	340	21		
1000 m	160	16	170	12	260	5	270	15	10	8	360	11	320	17	140	12	320	6	340	20		
1500 m.	180	16	220	13	320	9	300	12	30	3	330	13	350	9	180	13	320	10	330	16		
2100 m.	200	16	250	11	300	18	320	16	350	5	300	18	320	17	210	12	290	12				
2400 m.			320	5			290	25			290	17										
3000 m.			270	19	290	16					290	23			260	19						
4000 m.			250	20							280	32			240	30						
5000 m.																						
6000 m.																						

STATION	Alex. A.P.		El Arish		Luxor		Malruh		Minya													
DATE	31-5		31-5		31-5		31-5		31-5													
TIME	4		3		5		4		2													
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.									100	14												
600 m	120	11	100	4	360	9	210	10	80	15												
1000 m.	100	6	350	4	30	10	220	9	90	7												
1500 m.	140	3	10	4	120	4	240	10	330	8												
2100 m	260	6	320	8	160	9	220	20	320	14												
2400 m.									310	20												
3000 m.			300	17			240	27	280	29												
4000 m.			300	17																		
5000 m.																						
6000 m.																						

STATION	Luxor		S. Barani		Dakhla		Alex. A.P.		P. Said		Asyout		Minya		Aswan		Kharga					
DATE	31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5		31-5					
TIME	8	45	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	4				
600 m.	190	4	200	16	120	3	130	10	130	18	150	3	60	10	10	5	170	9				
1000 m.	290	3	230	12	150	3	130	8	120	17	220	5	20	8	10	3	170	10				
1500 m.	300	9	220	16			190	10	330	5	250	11	320	11	20	5	230	9				
2100 m							260	13	320	12	270	22	220	16			310	15				
2400 m.																						
3000 m.							250	17			290	36										
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