THE DAILY WEATHER REPORT

OBSERVATIONS

EGYPT, METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Sunday 1st November 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, " " " " 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

QC 991 .E3 D3 A153 (Nov.-Dec.) Obs.

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GENERAL FORECAST (from noon today to noon tomorrow.) توقعات الطقس في حالة الطقس من ظهر اليوم الى ظهر غد

Moderate winds mainly northeasterly freshening at times near the Coast, and northerly elsewhere. Some low and high clouds in the Delta and Cairo Area. No appreciable change in temperature. رياح معتدلة تنشيط بتزايد درجة أحيانا بالقرب من الساحل وبصفة عامة من الشمال والشمال الشرقي. وتوجد سحب منخفضة ومرتفعة في الدلتا والقاهرة. لا يتوقع تغير يذكر في درجة الحرارة

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

108 442

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

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

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani	Matruh	Alex A.P	Minya	Asyout	Farafra	Dakhla	Kharga	Jurghada		
DATE	31-10	31-10	31-10	31-10	31-10	31-10	31-10	31-10	31-10		
TIME	14	14	14	14	14	14	14	14	14		
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	360 10	360 13	340 10	340 6	310 17	10 17	360 10	20 16	350 24		
600 m.	320 9	350 7	340 12	330 8	340 13	10 22	360 10	20 20	340 23		
1000 m.	310 8	340 8	330 7	30 4	360 15	10 19	360 13	30 23	330 14		
1500 m.	320 9	290 12	320 8	10 6	360 16	350 23	20 8	300 10			
2100 m.	320 17	220 9		360 8	320 12	30 9	340 10				
2400 m.	320 24	300 11			300 6	30 6	340 13				
3000 m.	310 30	310 18					330 15				
4000 m.											
5000 m.											
6000 m.											

STATION	P.Said	Minya	Asyout	Matruh																
DATE	1-11	1-11	1-11	1-11																
TIME	02	02	02	05																
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	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	300 17	10 24	10 12	70 6																
600 m.	310 15	10 20	360 20	60 7																
1000 m.	320 15	350 22	360 21	50 5																
1500 m.		330 22	360 22																	
2100 m.																				
2400 m.																				
3000 m.																				
4000 m.																				
5000 m.																				
6000 m.																				

STATION	S.Barrani	Matruh	Minya	Asyout	Bahariya	Farafra	Dakhla	Kharga												
DATE	1-11	1-11	1-11	1-11	1-11	1-11	1-11	1-11												
TIME	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	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	150 10	110 5	350 11	350 11	50 32	80 9	40 6	30 17												
600 m.	140 10	110 5	10 18	360 15	50 34	70 4	40 11	30 22												
1000 m.	220 4	120 4	20 22	350 17	40 19	70 7	40 11	30 22												
1500 m.	300 5	270 4	360 24	360 21	40 20	20 8	40 14	20 18												
2100 m.	300 16		350 23	340 28	50 7	30 12	40 16	360 10												
2400 m.	290 23																			
3000 m.	280 28																			
4000 m.																				
5000 m.																				
6000 m.																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	31-10																			
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	70	24		350	11															
1000 mb.	140	24		350	11															
950 mb.																				
900 mb.																				
850 mb.	1529	12		340	7															
800 mb.																				
700 mb.	3132	6		290	12															
600 mb.																				
500 mb.	5794	-12		270	27															
400 mb.	7467	-24		270	30															
300 mb.	9503	-39		270	27															
200 mb.	12190	-53		270	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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 04 09 U.T. / Sunset 15 09 U.T.)

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

At 1200 on SATURDAY 31st OCTOBER 1953

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY Km (or m)	PRESENT WEATHER ww	PAST WEATHER w	CLOUD AMOUNT O-8	CLOUD FORMS	BAR PRESSURE M.S.L. mb	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MAXIMUM Today	TEMPERATURES MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
62800	SALLOUM	140	5	35	01	1	2	Ac	17.2	23	15			61	0
350	SIDI BARRANI	350	7	15	02	0	1	Sc	16.5	23	15			61	0
340	MATRUH (A)	340	9	18	01	1	2	Cu, Sc	16.3	23	13			53	0
360	EL DABAA	360	3	35	02	1	4	Cu	16.1	23	15			61	0
40	ALEXANDRIA	8	35	03	0	6	Cu	15.6	22	17				74	0
340	ALEXANDRIA (A)	5	18	03	2	8	Cu, Sc	15.9	23	15				61	dr
320	DAMIETTA	5	35	01	1	3	Cu	15.1	23	16				65	0
350	PORT SAÏD (A)	11	30	01	0	1	Sc	15.3	24	15				57	0
340	EL ʿARISH	6	30	01	0	0	–	14.1	24	14				54	
359	DAMANHÛR	360	5	15	02	1	3	Cu	15.2	24	14			54	0
342	MANSURA	340	5	35	03	2	5	Cu	14.8	26	12			42	0
348	TANTA	360	8	35	03	2	5	Cu	14.6	25	12			45	0
360	SHEBÎN EL KÔM	340	5	35	01	1	2	Cu	14.8	24	13			50	0
364	ZAGAZIG	00	0	35	02	1	3	Cu	14.7	26	15			51	0
441	ISMÂʿÎLIA	360	2	35	03	1	6	Cu	14.4	25	13			48	0
368	CAIRO (A)	360	11	18	02	2	6	Sc	15.1	24	11			44	0
370	CAIRO ALMAZA (A)	360	10	30	01	1	5	Cu, Sc	14.8	24	12			47	0
374	CAIRO EZBEKIYA	30	3	18	03	0	5	Sc							
375	GIZA	30	3	18	03	0	5	Sc	15.2	26	11			40	
378	HELWAN														
351	FAYOUM	360	4	35	02	1	4	Cu, Sc	14.6	25	12			45	0
387	MINYA (A)	360	5	10	01	1	2	Cu	14.6	26	14			48	0
393	ASYOÛT (A)	310	12	30	02	1	2	Cu	13.7	26	12			42	0
398	NAG HAMADI	320	3	35	00	0	0	–	13.0	28	15			45	0
402	GENA	270	1	50	00	0	0	–	12.0	31	17			43	0
405	LUXOR (A)	250	2	30	02	0	0	–	11.6	31	13			33	0
414	ASWAN	340	3	50	00	0	0	–	10.7	30	15			40	0
417	SIWA	00	0	18	02	0	0	–	19.5	28	13			40	
420	BAHARIYA	360	2	35	02	1	4	Cu	15.8	26	16			55	0
428	FARAFRA	360	2	35	03	0	3	Cu	16.2	27	9			33	0
432	DAKHLA	360	6	50	00	0	0	–	14.7	27	9			33	0
435	KHARGA	20	1	15	00	0	0	–	13.1	28	10			33	0
460	SUEZ	310	4	50	03	0	3	Cu	14.0	25	13			48	0
480	TOR	310	12	50	02	0	0	–	13.1	25	19			70	0
496	HURGHADA	340	9	18	02	0	0	–	12.1	25	17			61	
485	GUSEIR	360	13	15	02	0	0	–	11.9	27	17			55	0
641	PORT SUDAN														
605	WADI HALFA														
640	ABU HAMAD														
650	KAREIMA														
660	ATBARA														
721	KHARTOUM														
780	KASSALA														
761	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
721	EL OBEID														
780	EL FASHER														
770	GENEINA														
840	MALAKÂL														
880	WAU														
941	JUBA														

At 1800 on SATURDAY 31st OCTOBER 1953

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY Km (or m)	PRESENT WEATHER ww	PAST WEATHER w	CLOUD AMOUNT O-8	CLOUD FORMS	BAR PRESSURE M.S.L. mb	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MAXIMUM Today	TEMPERATURES MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
62800	SALLOUM	140	4	15	00	0	0	–	17.3	21	12	25	-1	57	0
308	SIDI BARRANI	30	1	14	02	0	0	–	17.5	21	14	23		65	0
306	MATRUH (A)	360	3	10	02	1	0	–	18.0	20	16	24		78	0
309	EL DABAA	180	20	15	01	1	2	Cu	18.0	20	15	23		73	0
319	ALEXANDRIA	360	3	7	01	1	2	Sc	17.2	21	14	25	-2	65	0
316	ALEXANDRIA (A)	320	10	12	01	8	3	Sc	17.1	20	13	26	0	64	dr
330	DAMIETTA	320	2	7	00	1	0	–	16.3	20	15	24	-2	73	0
338	PORT SAÏD (A)	340	9	18	02	0	2	Sc	16.6	22	15	25	-1	65	0
386	EL ʿARISH														
359	DAMANHÛR	360	9	15	02	0	0	–	17.0	19	14	25	-3	73	0
342	MANSURA	360	2	7	00	1	0	–	16.4	20	14	27	-1	69	0
348	TANTA	270	2	35	02	0	0	–	16.4	18	15	26	-3	83	0
360	SHEBÎN EL KÔM	340	2	15	00	0	0	–	16.0	19	16	27		83	0
364	ZAGAZIG	00	0	15	02	1	0	–	16.7	19	14			73	0
441	ISMÂʿÎLIA	360	2	35	01	0	0	–	16.3	21	14	28		65	0
368	CAIRO (A)	40	5	12	02	1	0	–	16.7	20	13	25		64	0
370	CAIRO ALMAZA (A)	20	5	12	00	1	0	–	16.9	20	13	25	-3	64	0
374	CAIRO EZBEKIYA	20	4	8	00	1	0	–							
375	GIZA	20	4	8	00	1	0	–	17.0	21	13	26	-2	61	0
378	HELWAN														
351	FAYOUM	00	0	35	01	0	0	–	16.3	20	13	26	-4	64	0
387	MINYA (A)	18	3	8	02	0	0	–	15.3	18	13	27	-2	73	0
393	ASYOÛT (A)	330	10	8	02	0	0	–	15.4	22	14	26	-3	61	0
398	NAG HAMADI	340	4	8	02	0	0	–	14.3	22	15	30	-1	65	0
402	GENA	270	1	7	00	0	0	–	14.3	22	13	32	-1	57	0
405	LUXOR (A)	270	1	12	02	0	0	–	13.4	23	15	31		61	0
414	ASWAN	360	3	50	00	0	0	–	12.6	28	18	31	-3	55	0
417	SIWA														
420	BAHARIYA	360	2	35	02	1	4	Cu	17.1	20	13	27	-2	64	0
428	FARAFRA	360	2	35	03	0	3	Cu	16.4	22	9	28		44	0
432	DAKHLA	360	6	50	00	0	0	–	16.7	22	6	27	-4	36	0
435	KHARGA	20	1	15	00	0	0	–	14.0	22	9	29	-3	44	0
460	SUEZ	310	4	50	03	0	3	Cu	15.4	22	15	27	-2	65	0
480	TOR	310	12	50	02	0	0	–	13.8	24	14	27	-1	54	0
496	HURGHADA	340	9	18	02	0	0	–							
485	GUSEIR	360	13	15	02	0	0	–	13.1	25	17	27	-2	61	0
641	PORT SUDAN														
605	WADI HALFA														
640	ABU HAMAD														
650	KAREIMA														
660	ATBARA														
721	KHARTOUM														
780	KASSALA														
761	WÂD MEDANI														
801	RENK														
802	ROSEIRES														
721	EL OBEID														
780	EL FASHER														
770	GENEINA														
840	MALAKÂL														
880	WAU														
941	JUBA														

At 0600 on SUNDAY 1st NOVEMBER 1953

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY 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 Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MINIMUM Today	TEMPERATURES MINIMUM Diff. from normal	RELATIVE HUMIDITY %	RAINFALL Past 24 hrs. mms.	RAINFALL Total From Oct. 1st mms.	RAINFALL Normal From Oct. 1st mms.
62800	SALLOUM	180	5	15	02	1	3	Cu	18.7	+1.5	21	12	18	+2	57	0	dr	
308	SIDI BARRANI	180	6	15	02	0	1	Cu	19.-		18	13	14		73	0	dr	
306	MATRUH (A)	200	5	14	03	0	3	Cu	18.0	+0.7	18	14	13		78	0	1.3	
309	EL DABAA	200	2	15	02	1	4	Cu	17.5		18	15	16		83	0	4.0	
319	ALEXANDRIA	340	6	35	03	0	4	Cu, Sc	17.6	0.0	22	13	21	+2	57	0	8.0	6
316	ALEXANDRIA (A)	350	6	14	01	1	3	Cu	17.4	+0.6	22	14	20	+4	61	dr	3.0	6
330	DAMIETTA	220	2	7	03	1	2	Cu	16.8	+0.5	20	15	15	-2	73	0	dr	6
338	PORT SAÏD (A)	280	9	12	02	0	3	Cu	17.0	+0.4	22	17	19	-1	74	0	dr	
386	EL ʿARISH	250	4	30	03	2	6	Sc	16.3	+0.2	20	14	15		69	0	0.3	
359	DAMANHÛR	310	5	7	02	1	0	–	17.5	+0.3	19	16	14	-2	83	0	dr	4
342	MANSURA	40	2	15	00	0	0	–	17.5	+1.0	18	15	14	-2	83	0	0	3
348	TANTA	00	0	35	02	0	0	–	17.6	+0.3	16	14	13	-1	88	0	0	3
360	SHEBÎN EL KÔM	20	2	15	00	0	0	–	17.1	0.0	19	14	14		73	0	0	
364	ZAGAZIG	00	0	15	02	0	0	–	17.2	+0.2	17	13	14	0	77	0	v	2
441	ISMÂʿÎLIA	270	2	35	03	1	3	Ac	17.4		20	15	16		73	0	18	
368	CAIRO (A)	250	3	12	02	0	0	–			19	13	15		68	0	dr	
370	CAIRO ALMAZA (A)	00	0	15	00	0	0	–	17.1	+1.0	18	14	14	-2	78	0	dr	
374	CAIRO EZBEKIYA	00	0	6	01	1	1	Ac	18.2	+1.3	18	14	15	-1	78	0	dr	2
375	GIZA	00	0	6	01	1	1	Ac	17.6	+0.5	17	15	12	-2	88	0	0.2	3
378	HELWAN																dr	1
351	FAYOUM	00	0	35	02	0	0	–	18.6	+1.9	19	14	13	-2	73	0	dr	0
387	MINYA (A)	360	7	8	02	0	0	–	18.1	+1.2	18	15	14	0	83	0	0	
393	ASYOÛT (A)	310	2	6	10	0	0	–	17.5	+1.3	18	13	14	-2	73	0	0	
398	NAG HAMADI	00	0	15	00	0	0	–	16.6	+1.3	20	15	14	-1	73	0	0	
402	GENA	270	1	35	00	0	0	–	16.0	+1.3	23	12	11	-5	50	0	0	
405	LUXOR (A)	200	5	14	03	0	3	Cu	16.0	+1.1	18	14	18		78	0	0	
414	ASWAN	20	6	50	00	0	0	–	15.6	+1.4	21	16	17	-2	74	0	0	
417	SIWA	160	2	18	03	0	1	Ac, As	19.1	+0.8	17	11	14	+1	68	0	0	0
420	BAHARIYA	20	1	35	02	0	0	–	18.8	+1.3	18	15	12	-2	83	0	0	0
428	FARAFRA	00	0	35	00	0	0	–	18.8		18	10	12		60	0	0	
432	DAKHLA	00	0	50	00	0	0	–	17.6	+1.0	20	8	15	0	46	0	0	
435	KHARGA	20	1	15	00	0	0	–	17.4	+1.8	21	10	14	-2	50	0	0	
460	SUEZ	40	3	35	00	0	0	–	17.1	+1.0	18	15	15	-2	83	0	10	2
480	TOR	300	15	35	02	0	0	–	15.4	+0.5	23	15	17	0	61	0	0	1
496	HURGHADA																	
485	GUSEIR	360	5	15	02	0	0	–	14.4	0.0	23	15	19	-3	61	0	0	0
641	PORT SUDAN																	
605	WADI HALFA																	
640	ABU HAMAD																	
650	KAREIMA																	
660	ATBARA																	
721	KHARTOUM																	
780	KASSALA																	
761	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES																	
721	EL OBEID																	
780	EL FASHER																	
770	GENEINA																	
840	MALAKÂL																	
880	WAU																	
941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Mer. A.P.		P.Said		Almaza		Minya		Luxor		Kharga		Dakhla		Kharga		Aurghada	
DATE	1-11		1-11		1-11		1-11		1-11		1-11		1-11		1-11		1-11		1-11		1-11	
TIME	14		14		14		14		14 15		14		14 15		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
600 m	120	17	100	11	70	8	350	14	30	8	350	20	40	5	30	4	40	11	30	15	340	13
900 m	160	17	160	11	360	9	340	14	360	9	360	20	330	6	30	4	20	10	40	21	320	18
1000 m	170	19	180	11	340	4	340	10	30	10	360	27	320	9	20	4	10	10	40	24	310	11
1500 m	200	14	300	7	290	4	320	9	40	15	340	6	310	10	30	4	20	14	20	20	290	15
2100 m	270	16	340	10	320	9	310	5	300	10	350	17	270	7	10	5	20	21			280	18
2400 ft	290	19	280	21	320	10	280	3	300	11			280	6	30	4	10	18			260	12
3000 m	260	31	290	25	310	17			310	19			280	11			10	24				
4000 m	260	37							300	22												
5000 m									280	20												
6000 m									270	23												

STATION	P.Said		Minya		Asyout						Abu Hamad		El Obeid		El Genena						Kharga	
DATE	2-11		2-11		2-11						03		04		05						2-11	
TIME	04		02		02																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	120	7	340	9	60	10															40	11
600 m	80	6	360	5	50	9					30	16									50	10
1000 m	330	3	340	8	20	15							360								50	8
1500 m			320	6	360	16					170	3	350	9	70	15					50	13
2100 m					10	18															40	18
2400 m											220	18	200	15	180	2					30	20
3000 m											210	13	190	5	230	4					30	18
4000 m																						
5000 m											240	23			210	9						
6000 m											270	14										

STATION	S.Barrani		Matruh		P.Said		El Arish		Almaza		Helwan		Minya		Asyout		Bahariya		Farafra		Dakhla	
DATE	2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11	
TIME	08		08		08		08		09		07 45		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	220	17	170	12	140	8	100	7	70	7	250	3		3	320	2	340	18	150	7	130	6
600 m	220	16	180	18	110	9	80	8	70	12	120	5	40	5	20	6	350	14	160	13	90	9
1000 m	220	24	190	20	100	8	100	7	80	8	70	11	30	8	30	6	10	8	170	12	70	6
1500 m					50	7	320	4	250	5	60	7	40	6	40	12	20	10	170	9	50	10
2100 m					30	3	350	11	30	7	40	11	20	10			10	19	240	10	60	12
2400 m									350	13	340	13	350	12			20	19	170	10	40	13
3000 m					10	1			330	17	320	17	340	19			30	25			350	20
4000 m											290	20										
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.					Khartoum														
DATE	1-11					2-11														
TIME	1500					05														
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface	70	25		10	6		23		330	8										
1000 mb	140	24		10	6															
950 mb							24		10	18										
900 mb						1021	24		360	12										
850 mb	1532	11		30	9		22													
800 mb						2044	19													
700 mb	3133	4		310	13	3170														
600 mb						4432	-1		190	15										
500 mb	5790	-12		270	26	5889	-3		220	15										
400 mb	7436	-26		270	32	7614	-16		170	16										
300 mb	9475	-41		270	34	9705	-32		70	4										
200 mb	12140	-54		280	42	12402	-53		250	7										

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Monday 2nd November 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 suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m. on land or 10 m. on sea	
12	Continuous " " " " "	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms.	
16	" " " near the station	
17	Thunder heard, no precipitation	
18	Squalls	within sight during past hour
19	Funnel cloud (s)	
20	Drizzle (not freezing)	during preceding hour and 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 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	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or	slight
90	rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	
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

LIBRARY
MAR 18 1954
WEATHER BUREAU

GENERAL FORECAST From noon today to noon tomorrow: من ظهر اليوم الى ظهر غد : التغيرات المنتظرة في حالة الجو

Temperature since everywhere. Fresh southwesterly winds in west تتقلب درجة الحرارة في جميع انحاء القطر . رياح جنوبية غربية نشطة في غرب
Delta with some dust. High and medium then low clouds in دلتا مع بعض الغبار وسحب عالية ومتوسطة ثم منخفضة في الوجه البحري .
Lower Egypt. In Cairo southeasterly moderate winds veering to في الوجه البحري . في القاهرة رياح جنوبية شرقية معتدلة تتحول الى غربية وسحب عالية ومتوسطة
westerly with light and medium clouds. In Upper Egypt light winds and clear sky. في الوجه القبلي رياح خفيفة وسماء صحو .

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

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on Sunday 1st November 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.	TEMPERATURES Dry Bulb °C	TEMPERATURES Dew Point °C	Relative Humidity %	Area	Index Number	Station
140	13	35	02	1	7	Cs	14.0	26	12	42		62300	SALLOÛM
150	6	18	02	2	4	Ci	14.4	27	12	40		308	SIDI BARRÂNI
60	4	18	02	1	5	Sc, Ci	16.9	23	16	65		306	MATRÛH (A)
340	3	35	01	1	2	Cu	16.4	23	12	50		309	EL DAB'AA
350	11	35	01	1	3	Cu	16.7	23	15	61		319	ALEXANDRIA
250	9	18	01	1	2	Cu	16.8	23	14	57		318	ALEXANDRIA (A)
340	5	35	03	1	5	Cu	16.0	24	18	69		330	DAMIETTA
360	6	30	01	0	1	Cu	16.1	24	16	61		338	PORT SAÏD (A)
320	6	30	01	1	2	Cu	16.1	24	15	57		336	EL 'ARISH
40	9	15	02	1	3	Cu	16.8	24	16	61		339	DAMANHÛR
340	5	35	03	2	4	Cu	15.9	26	14	48		342	MANSÛRA
310	4	35	03	2	5	Cu	16.0	25	13	48		348	TANTA
20	5	35	01	1	1	Cu	15.9	23	13	53		360	ŠIBÎN EL KÔM
320	1	35	02	1	3	Cu	15.9	26	16	55		364	ZAGAZIG
270	2	35	03	1	3	Cu	15.5	27	11	37		441	ISMAÏLÍA
360	10	14	02	1	3	Sc	15.9	25	11	42		366	CAIRO (A)
270	3	18	02	1	3	Cu	15.8	24	12	47		372	CAIRO ALMÁZA (A)
30	3	18	03	0	5	Sc	16.0	25	12	45			CAIRO EZBEKÍYA
30	3	18	03	0	5	Sc	16.0	25	11	42			GIZA
240	7	7	01	1	2	Cu	16.2	24	12	47		378	HELWÂN
360	16	35	02	0	1	Cu, Sc	16.2	26	12	42		381	FAYOÛM
20	9	10	02	0	0	–	16.2	26	14	48		387	MINYA (A)
310	11	18	02	0	0	–	14.8	26	12	42		393	ASYOÛT (A)
270	1	35	00	0	0	–	13.6	28	15	45		399	NAG' HAMÂDI
270	1	50	00	0	0	–	13.1	31	17	43		402	QENA
330	3	30	02	0	0	–	13.1	29	14	40		405	LUXOR (A)
360	6	50	00	0	0	–	11.8	30	15*	40		414	ASWÂN
160	9	18	03	0	3	Ac, Ci	16.7	28	10	33			
40	2	35	02	0	0	–	16.4	26	14	48		417	SÎWA
00	0	35	00	0	0	–	17.2	28	13	40		420	BAHARÎYA
360	6	50	00	0	0	–	15.9	27	9	33		428	FARAFRA
40	2	35	00	0	0	–	14.0	28	10	33		432	DAKHLA
												435	KHARGA
360	8	50	03	1	3	Cu	16.9	25	11	42		460	SUEZ
310	19	35	02	0	0	–	13.1	25	19	70		468	TÛR
340	11	18	02	0	0	–	12.6	25	16	58		482	HURGHADA
360	9	15	02	0	0	–	12.2	26	18	62		465	QUSEIR
												641	PORT SÛDAN
												800	WADI HALFA
												840	ABU HAMAD
												880	KAREIMA
												680	ATBARA
												721	KHARTOÛM
												730	KASSALA
												751	WÂD MEDANI
												801	RENK
												802	ROSEIRES
												771	EL OBEID
												780	EL FASHER
												770	GENEINA
												840	MALAKÂL
												880	WÛU
												941	JUBA

MAXIMUM Today °C	MAXIMUM Diff. from normal	CLOUD Amount 0-8	CLOUD Forms	Bar. Pressure mb.	Rain past 12 hrs. mms.
27	+1	3	Cu	13.1	0
27		3	Sc	14.3	0
24		4	Ac, As	16.6	0
23		4	Cu	18.1	0
24	–3	0	–	17.5	0
25	–1	0	–	17.9	0
26		0	–	17.6	0
25	–1	0	–	17.6	0
25	–3	0	–	17.5	0
27	–1	0	–	18.2	0
26	–2	0	–	17.6	0
29	0	1	–	17.2	0
28		0	–	17.0	0
25	–3	0	–	17.1	0
24	–2	1	Sc	17.1	0
26	–2	2	Cu	18.2	0
28	–1	2	Cu	17.2	0
24	–4	1	–	17.9	0
27	–2	0	–	17.0	0
26	–2	0	–	16.2	0
28	–3	0	–	16.0	0
32	–1	0	–	15.0	0
31		0	–	14.6	0
30	–3	0	–	13.8	0
27	–2	0	–	17.6	0
				17.5	0
28	–3	0	–	16.7	0
29	–2	0	–	14.8	0
26	–3	0	–	16.4	0
27	–2	0	–	14.8	0
26	–3	0	–	14.2	0
33					
31					
35					
35					
38					
36					
38					
33					
33					
35					
36					

* 9 = Sky obscured by fog etc.

At 1800 on Sunday 1st November 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.	TEMPERATURES Dry Bulb °C	TEMPERATURES Dew Point °C	MAXIMUM Today °C	MAXIMUM Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
110	7	15	01	0	3	Cu	13.1	24	12	27	+1	47	0
100	10	14	02	2	3	Sc	14.3	21	14	27		65	0
120	10	11	02	1	4	Ac, As	16.6	20	16	24		78	0
140	2	7	02	1	4	Cu	18.1	19	14	23		73	0
20	5	35	01	0	0	–	17.5	21	14			65	0
40	2	12	01	0	0	–	17.9	18	15	24	–3	83	0
40	2	7	01	1	0	–	17.6	20	17	25	–1	83	0
10	10	14	01	0	0	–	17.6	22	17	25	–1	74	0
360	5	15	02	0	0	–	17.5	19	16	25	–3	83	0
360	2	7	00	1	0	–	18.2	20	15	27	–1	73	0
00	0	35	01	1	0	–	18.2	18	16	26	–2	88	0
20	2	15	00	0	0	–	17.6	18	15	26		83	0
00	0	15	02	1	0	–	17.2	20	15	29	0	73	0
360	2	35	01	0	0	–	17.0	22	13	28		57	0
30	5	12	00	1	0	–	17.1	21	14	25		65	0
20	5	14	03	0	1	Sc	17.1	21	14	25	–3	65	0
20	3	10	01	1	2	Cu	18.2	21	14	26	–2	65	0
20	3	10	01	1	2	Cu	17.2	20	13	26	–1	64	0
340	3	7	01	1	0	–	17.9	21	12	24	–4	57	0
00	0	35	02	0	0	–	17.0	19	14	27	–2	73	0
300	2	8	02	0	0	–	16.2	20	15	26	–2	73	0
160	5	10	01	0	0	–	16.0	22	17	28	–3	74	0
270	2	7	00	0	0	–	15.0	23	12	32	–1	50	0
00	0	12	02	0	0	–	14.6	22	14	31		61	0
360	6	50	00	0	0	–	13.8	28	13	31	–3	40	0
00	0	15	02	0	0	–	17.6	20	11	27	–2	56	0
00	0	15	00	0	0	–	17.5	20	11			56	0
320	4	50	00	0	0	–	16.7	22	9	28	–3	44	0
00	0	15	00	0	0	–	14.8	21	7	29	–2	41	0
360	5	15	01	0	0	–	16.4	21	14	26	–3	65	0
40	5	35	02	0	0	–	14.9	22	15	26	–2	65	0
360	5	15	02	0	0	–	14.2	24	16	26	–3	61	0
										33			
										31			
										35			
										35			
										38			
										36			
										38			
										33			
										33			
										35			
										36			

At 0600 on MONDAY 2nd NOVEMBER 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 °C	TEMPERATURES Dew Point °C	MINIMUM Today °C	MINIMUM Diff. from normal	Relative Humidity %	RAINFALL Past 24 hrs.	RAINFALL Total From Oct. 1st	RAINFALL Normal from Oct. 1st
220	19	15	05	1	2	Ci	11.5	–5.7	21	7	17	+1	41	0	dr	
230	3	8	05	1	1	Ci	12.7		20	11	19		56	0	dr	
110	12	18	02	2	7	Sc, Ac	13.5	–3.8	18	15	16		83	0	1.3	
220	4	15	03	2	6	Sc	14.8		18	15	14		83	0	4.0	
220	6	35	03	0	3	Ac, Cs	16.1	–1.5	20	15	18	0	73	0	8.0	7
120	6	12	02	1	4	Cu, Ac	16.0	–0.9	20	16	14	–2	78	0	3.0	6
200	2	1.5	10	1	4	Cu, Ac	17.2	+0.9	20	18	16	–1	88	0	dr	6
280	6	12	02	0	1	Cu	17.3	+0.7	22	17	19	–1	74	0	dr	
140	3	30	02	0	0	–	16.6	+0.5	19	14	14		73	0	0.3	
130	9	15	02	1	1	Cu	16.6	–0.7	20	17	15	0	83	0	dr	4
90	2	15	01	1	3	Ac	17.2	+0.6	20	15	15	–1	73	0	0	3
00	0	35	01	1	1	Cu	17.2	–0.1	17	15	13	–1	88	0	0	3
20	2	15	00	0	0	–	16.8	–0.4	21	16	14		74	0	0	
00	0	15	02	0	0	–	17.0	–0.1	19	16	14	0	83	0	0	2
90	1		03	1	5	Cs	16.8		20	17	15		83	0	15.0	
120	10	14	03	0	4	Ci	16.4		20	14	17		69	0	dr	
90	7	14	03	1	8	–	16.6	–0.3	21	14	16	0	65	0	dr	
00	0	4	05	0	0	–	16.8	–0.1	20	14	16	0	69	0	dr	2
00	0	4	05	0	0	–	16.6	–0.5	17	15	13	–1	88	0	0.2	3
00	0	7	05	0	5	Ci	17.4	+0.2	19	14	17	+1	73	0	dr	1
00	0	35	02	1	3	Ci	17.0	+0.2	20	15	14	–1	73	0	dr	0
30	3	8	02	0	0	–	16.3	–0.6	20	15	12	–2	73	0	0	
290	1	10	02	0	0	–	16.7	+0.4	19	14	15	0	73	0	0	
00	0	7	00	0	0	–	16.2	–0.8	19	14	13	–2	73	0	0	
00	0	35	00	0	0	–	16.6	+0.8	21	12	14	–2	57	0	0	
00	0	30	02	0	0	–	15.4	+0.5	21	10	13		50	0	0	
320	3	50	00	0	0	–	15.5	+1.2	22	15	17	–2	65	0	0	
150	2	18	03	0	2	Ac, Ci	14.4	–4.0	19	10	16	+4	56	0	0	0
360	1	35	02	2	4	Ac	16.6	–1.0	19	14	12	–2	73	0	0	0
260	3	35	00	0	0	–	17.1		15	4	11		48	0	0	
00	0	50	00	0	0	–	15.9	–0.8	19	7	13	–2	46	0	0	
00	0	35	00	0	0	–	16.2	–0.5	21	12	14	–2	57	0	0	
00	0	35	00	0	0	–	16.8	+0.6	21	16	15	–2	74	0	16.0	2
40	5	35	02	0	0	–	15.2	+0.2	20	13	15	–1	65	0	0	1
00	0	18	02	0	1	Cc	14.8	+0.2	22	9	16	–2	44	0	0	
330	5	15	02	0	0	–	14.8	+0.3	23	12	20	–2	50	0	0	0
310	7	30	03	2	7	Sc	13.0		30	25	27		74	0	0	
20	3	30	02	0	0	–	14.8		19	5	14		40	0		
360	4	30	02	0	0	–	11.6		26	2	22		21	0		
330	4	30	02	0	0	–	12.6		22	4	19		31	0		
10	8	30	02	0	0	–	10.5		27	11	22		37	0		
360	8	30	03	8	2	Ac, Ci	11.4		26	4	22		25	0		
310	2	35	02	0	2	Ac	12.6		25	11	18		42	0		
330	4	30	03	0	5	Ac, Ci	11.7		22	2	17		27	0		
00	0	30	02	0	0	–			18	7	13		49	0		
40	9	30	02	0	0	–					14			0		
00	0	10	04	0	0	–	10.7		24	17	20		65	0		

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		Minya		Asyout		Luxor		Aswan		Farafra		Dakhla		Kharga		Abu Sim.		Abu Aweigila	
DATE	2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11		2-11	
TIME	14		14		14		14		14 15		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	9	230	8	280	6	300	3	10	4	310	5	210	10	330	10	50	10	140	13	60	4
600 m.	300	12	230	10	30	3	350	6	20	3	310	1	200	13	320	7	20	14	150	14	80	6
1000 m.	260	17	230	10	320	2	20	8	40	4	290	5	210	10	290	6	50	15	170	14	80	6
1500 m.	270	24	210	17	120	3	30	7	60	2	360	5	200	7	280	3	70	8	210	19	40	14
2100 m.	250	24	220	19	40	5	10	10	40	8	40	4	220	10	80	7	10	7	200	22	20	4
2400 m.	240	20	210	18	10	4	350	10	30	10	20	4			60	9	350	5	210	20	280	5
3000 m.					50	5	10	2	80	19					330	5						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	P.Said		Minya		Asyout																	
DATE	3-11		3-11		3-11																	
TIME	02		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.	120	27	320	20	60	4																
600 m.	140	15	300	12	350	8																
1000 m	160	11	310	10	330	13																
1500 m	180	23	340	8	330	7																
2100 m.	200	34			160	5																
2400 m.	200	21			210	3																
3000 m.					210	8																
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrani		Matruh		P.Said		Minya		Asyout		Siwa		Bahariya		Farafra		Kharga		Dakhla			
DATE	3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11			
TIME	08		08		08		08		0830		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.	260	29	230	17	280	20	340	10	340	10	190	10	10	10	20	9	20	15	360	4		
600 m.	260	31	230	9	260	27	340	16	310	10	200	12	360	10	20	14	10	19	10	6		
1000 m.	250	27	270	26	260	30	330	15	300	10	240	7	350	11	340	10	10	23	350	5		
1500 m.	270	26	280	17	250	40	330	13	260	10	270	2	350	10	300	11	20	15	340	3		
2100 m.	280	21	280	17			240	16	220	9	290	7	340	14	260	27	70	10				
2400 m.	270	24					230	24	240	10	330	17			280	14	60	11				
3000 m.							250	24	210	12	290	23										
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Bard A.F.					Khartoum														
DATE	2-11					3-11														
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	70	28		60	10		32		330	4										
1000 mb.	123	28		60	10															
950 mb.							24		10	24										
900 mb.						1002	27		30	19										
850 mb.	1534	20		150	9	1502	24		40	15										
800 mb.						2030	21		350	5										
700 mb.	3166	6		270	14	3155	11		200	7										
600 mb.						4416	2		250	20										
500 mb.	5823	-13		230	25	5885	-2		240	13										
400 mb.	7489	-24		250	50	7614	-16		200	15										
300 mb.						9711	-32		220	16										
200 mb.						12457	-51		180	22										

REMARKS :

1. Wind direction is in whole degrees east of 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 3rd November 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 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 rain and snow mixed, not with thunder	slight
90		moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow *	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow *	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

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. In the North moderate northwesterly winds with some low clouds. No change in temperature. In Upper Egypt light to moderate northerly winds, with mild and clear weather.

التنبؤات العامة فى حالة الطقس من ظهر اليوم الى ظهر غد: تسود درجة لبنات كاهى وتظهر بعض السحب المنخفضة فى شمال الوجه البحرى ستادية غربية معتدلة. ولا تغير فى الحرارة. فى الوجه القبلى ستادية شمالية خفيفة الى معتدلة بارد وصحو.

Printed by the Survey of Egypt 1952 (52/394)

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on MONDAY 2nd NOVEMBER 1953

Area	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	Salloum	250	7	35	03	2		Ac	10.8	25	8	34
	Sidi Barrani	310	9	14	02	2	7	Ac	10.5	24	14 ?	54
	Matruh (A)	220	15	0.7	07	4	7	Ac	11.1	27	8	30
	El Dabaa											
	319 Alexandria	130	8	35	03	0	6	Cu, Ac, Ci	12.8	26	16	55
	Alexandria (A)	140	9	15	03	1	6	Ac, As, Cs	12.7	27	13	42
	Damietta	140	13	35	01	1	2	Ac	14.4	24	16	61
	Port Said (A)	90	12	30	02	0	3	Ci	14.5	24	17	65
	El Arish	40	3	30	03	1	2	Ci	14.2	24	16	61
Lower Egypt	Damanhur	130	9	15	02	1	2	Ci	13.6	28	15	45
	Mansura	140	2	35	02	1	3	Ci	13.8	28	15	48
	Tanta	130	3	35	03	2	5	Ci	13.0	27	13	42
	Shebin el Kom	20	5	35	00	0	0	—	13.3	27	13	42
	Zagazig	00	0	35	02	0	0	—	13.4	26	14	48
	Ismailia	140	22	35	03	1	4	Cs	13.6	28	10	33
Cairo Area	Cairo (A)	140	4	18	01	1	2	Ci	14.1	29	7	25
	Cairo Almaza (A)	60	5	18	03	1	4	Ci	13.2	30	9	27
	374 Cairo Ezbekiya	30	4	18	03	0	5	Cs	13.6	30	9	27
	375 Giza	30	4	18	03	0	5	Cs	13.8	30	8	25
	Helwan											
Upper Egypt	Fayoum	00	0	35	02	1	4	Ci	13.1	29	14	40
	Minya (A)			10	03	1		Ci	12.9	30		
	Asyut (A)	00	0	30	02	1	1		12.4	28	11	35
	Nag Hammadi	00	0	35	00	0	0	—	12.6	29	14	40
	Qena	270	1	50	00	0	0	—	11.9	32	16	38
	Luxor	330	2	30	02	0	0	—	12.0	30	14	38
	Aswan	320	3	50	00	0	0	—	10.6	32	18	43
Desert	Siwa	300	3	10	01	2	6	Ac, Cs	13.3	27	12	40
	Bahariya	270	2	15	02	2	6		13.5	31	17	43
	Farafra	220	2	35	03	1	7	Cu, Cs	13.0	30	11	31
	Dakhla	00	0	50	00	0	0	—	13.2	31	8	24
	Kharga	00	0	35	00	0	0	—	12.8	29	9	29
Red Sea	Suez	360	2	50	03	0	2	Cu	13.2	27	11	37
	Tor	270	5	35	02	0	0	—	12.6	27	15	48
	Hurghada											
	Quseir	20	5	15	02	0	0	—	11.8	26	15	51
	Port Sudan											
North Sudan	Wadi Halfa											
	Abu Hamed											
	Karima											
	Atbara											
	Khartoum											
	Kassala											
Central Sudan	Wad Medani	360	8	35	01	1	4	Ac	3.9	37	7	16
	Renk											
	Roseires											
	El Obeid	360	5	30	01	1	1	Ac	6.4	33	-3	10
	El Fasher	200	1	30	02	0	0	—		33	6	19
	Geneina											
S. Sudan	Malakal	50	4	30	01	2	4	Ac	6.4	34	11	25
	Wau	50	3	10	04	1	3	Ac	5.5	35	13	27
	Juba	70	9	50	02	1	5	Cb, Ci	5.9	35	19	39

At 1800 on MONDAY 2nd NOVEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity	Rain Past 12 hrs. mms.
Salloum	290	1	15	02	2	8	Cs	11.6	22	11	27	+1	50	0
Sidi Barrani	00	0	14	13	2	8	As, Ci	11.9	20	16	26		78	0
Matruh (A)	300	3	10	01	2	6	As	12.3	21	16	28		74	0
El Dabaa	290	3	7	02	1	4	Cu	11.6	24	16	29		61	0
319 Alexandria	120	11	35	03	1	7	Ac, Cs	12.2	23	16	27	0	65	0
Alexandria (A)	110	8	12	02	2	8	Ac, Cs	12.8	22	16	27	+1	69	0
Damietta	90	5		02	1	2	Ac	14.6	22	17	25	0	74	0
Port Said (A)	90	15	14	01	2	4	As, Cs	14.2	23	18	25	-1	74	0
El Arish														
Damanhur	130	9	15	02	1	1	Ci	13.6	22	17	29	+1	74	0
Mansura	40	9	7	00	1	0	—	13.3	21	16	29	+1	74	0
Tanta	360	1	35	02	1	0	—	13.5	21	13	28	0	61	0
Shebin el Kom	20	2	15	00	0	0	—	13.6	21	16	28		74	0
Zagazig	00	0	15	02	0	0	—	13.3	22	15	29	+1	65	0
Ismailia	20	4	35	01	0	0	—	13.9	22	15	29		65	0
Cairo (A)	110	6	12	01	2	5	Cs	13.7	24	7	30		34	0
Cairo Almaza (A)	90	6	12	01	2	3	Ci	13.5	24	8	30	+2	36	0
374 Cairo Ezbekiya	20	4	10	01	1	2	Ci	13.9	24	9	30	+2	38	0
375 Giza	20	4	10	01	1	2	Ci	13.9	22	10	31	+4	47	0
Helwan														
Fayoum	00	0	35	01	0	2	Ci	13.0	21	14	31	+2	65	0
Minya (A)	00	0	8	01	2	0	—	13.4	21	16 ?	30	+1	74	0
Asyut (A)	230	3	12	02	0	0	—	13.4	23	5 ?	30	+2	32	0
Nag Hammadi	340	1	15	00	0	1	Ac	13.1	19	12	30	-1	64	0
Qena	00	0	7	00	0	0	—	13.0	20	18	33	+1	88	0
Luxor	00	0	12	02	0	0	—	12.4	25	14	32		51	0
Aswan	00	0	50	00	0	0	—	11.4	29	14	34	0	40	0
Siwa	00	0	10	01	2	4	Ns	14.6	22	11	28	-2	50	0
Bahariya	00	0	15	02	2	6	Ac	14.2	24	3	31	+3	26	0
Farafra														
Dakhla	340	9	15	00	0	0	—	14.2	24	3	32	+1	26	0
Kharga	00	0	15	10	0	0	—	12.7	21	10	32	+1	50	0
Suez	00	0	15	01	0	0	—	13.0	24	14	30	+1	54	0
Tor	90	2	35	02	0	0	—	12.7	21	14	28	+1	65	0
Hurghada														
Quseir	360	5	15	02	0	0	—	11.8	24	16	27	-2	61	0
Port Sudan											33			
Wadi Halfa											33			
Abu Hamed											36			
Karima											36			
Atbara											39			
Khartoum											39			
Kassala														
Wad Medani														
Renk														
Roseires														
El Obeid											34			
El Fasher											34			
Geneina														
Malakal											35			
Wau											37			
Juba											35			

At 0600 on TUESDAY 3rd NOVEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility Km (or m)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	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	222	19	[illegible]	00	0	0	—	12.8	-4.4	19	7	16		46	0	dr	
Sidi Barrani	230	15	[illegible]	07	0	1	Ci	12.6		17	8	16		49	0	dr	
Matruh (A)	220	10	14	03	0	2	Ci	12.7	-4.6	20	10	15		53	0	1.3	
El Dabaa	250	2	15	00	0	0	—	12.[illegible]		20	13	15		64	0	4.0	
319 Alexandria	280	16	35	01	2	3	Cu	[illegible]	-5.1	23	18	21	+3	74	0	8.0	8
Alexandria (A)	300	16	18	03	0	4	Cu	12.6	-4.3	23	17	19	+3	69	0	3.0	7
Damietta	200	2	7	03	1	3	Cu	12.2	-4.1	21	16	19		74	dr	dr	7
Port Said (A)	210	15	14	02	1	5	Sc, Ac	12.4	-4.2	23	14	20	0	57	0	dr	
El Arish	180	2	30	03	2	6	Cb, Ci	12.5	-3.7	19	14	15 ?		73	0	0.3	
Damanhur	230	13	7	02	1	1	Ac	12.8	-4.5	20	17	17	+2	83	0	dr	4
Mansura	270	2	15	01	1	3	Ac	12.0	-4.6	19	16	17	+1	83	0	0	3
Tanta	220	1	35	03	2	5	Cu	13.2	-4.2	19	16	15	+1	83	0	0	3
Shebin el Kom	340	2	15	01	1	3	Cu	12.8	-4.4	20	17	17		83	0	0	
Zagazig	00	0	15	01	2	5	Cu	12.7	-4.4	21	14	18	+4	65	0	0	2
Ismailia	250	6	35	01	1	6	Ac, As	12.7		22	14	17		61	0	15.0	
Cairo (A)	260	10	10	50	2	6	Cb, Ac	12.9		22	14	20		61	dr	dr	
Cairo Almaza (A)	230	5	12	02	1	5	Sc	13.3	-3.7	22	15	21	+5	65	0	dr	
374 Cairo Ezbekiya	00	0	10	20	5	6	Sc, Ac	13.5	-3.5	22	15	18	+2	65	0	dr	2
375 Giza	00	0	10	20	5	6	Sc, Ac	13.1	-4.1	22	15	16	+2	65	dr	0.2	3
Helwan																dr	1
Fayoum	00	0	35	02	2	7	Cb	13.6	-2.6	23	15	17	+2	61	0	dr	0
Minya (A)	00	0	8	02	1	2	Ac	13.1	-3.9	21	12	15	+1	57	0	0	
Asyut (A)	270	2	14	01	1	2	Ac, Ci	13.7	-2.6	22	6	16	+1	36	0	0	
Nag Hammadi	00	0	15	00	0	0	—	13.9	-1.6	19	9	14	-1	52	0	0	
Qena	00	0	35	00	0	0	—	13.1	-1.2	22	9	14	-2	44	0	0	
Luxor																0	
Aswan	00	0	50	00	0	0	—	13.1	-1.3	23	15	18	-1	61	0	0	
Siwa	00	0	18	02	0	0	—	15.2	-3.2	16	10	12	0	68	0	0	0
Bahariya	00	0	35	02	2	4	Cu	13.6	-4.0	23	16	18	+4	65	0	0	0
Farafra	00	0	35	01	1	1	Cu	15.1		21	12	16		57	0	0	
Dakhla	200	9	50	03	0	1	Ci	14.7	-2.1	20	8	16	+1	46	0	0	
Kharga	00	0	15	00	0	0	—	13.8	-2.0	20	6	12	-4	41	0	0	
Suez	240	1	35	00	0	0	—	12.6	-3.6	23	12	17	0	50	0	10.0	2
Tor	00	0	35	02	0	0	—	11.9	-3.2	23	12	16	0	50	0	0	1
Hurghada	240	2	18	01	0	0	—	11.8	-2.8	24	13	16	-2	50	0	0	
Quseir	310	2	15	02	0	1		12.3	-2.2	23	15	16	-5	61	0	0	0
Port Sudan	340	1	30	02	1	2	Cu	11.7		29	24	26		74	0		
Wadi Halfa	320	1	30	02	0	0	—	12.0		21	3	16		31	0		
Abu Hamed	20	4	30	02	0	0	—			28	11	23		[illegible]	0		
Karima	30	3	30	02	0	0	—	10.4		24	6	19		32	0		
Atbara	30	3	30	02	0	0	—	8.9		27	11	23		37	0		
Khartoum	340	1	30	02	0	1	Ci	9.1		27	2	22		20	0		
Kassala	110	4	30	02	2	0	—	6.9			15	22			0		
Wad Medani																	
Renk																	
Roseires	230	2	35	02	0	0	—	8.6		25	12	19		48	0		
El Obeid	360	9	30	02	0	0	—	10.4		25	-3	19		16	0		
El Fasher	00	0	30	02	0	0	—			19	2	13		32	0		
Geneina																	
Malakal	90	3	30	03	1	5	Ac, Ci	9.9		26	16	19		55	0		
Wau	00	0	10	04	1	5	Ac, Ci	9.3		23	19	20		79	0		
Juba	180	5	30	02	2	7	Cb, Ac, Cs	9.8		26	22	21		79	0		

REMARKS: [illegible]

*0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex. A.P.		P. Said		El. Arish		Minya		Asyout		Aswan		Farafra		Dakhla		Kharga		Kurgada	
DATE	3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11		3-11	
TIME	14		14		14		14		14		14		14		14		14		14		14	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	320	8	320	9	360	13	290	20	10	18	320	12	360	7	20	10	20	7	20	15	350	10
600 m	260	12	320	12	10	12	300	25	10	16	350	12	340	9	20	10	40	7	30	18	360	14
1000 m	260	10	340	14	10	12	300	25	350	20	10	9	350	9	10	10	30	6	30	19	340	10
1500 m	250	12	310	12	20	10			310	13	330	6	10	7	10	12			30	16	320	12
2100 m	260	15	310	13	40	9			270	19	310	9	40	4	350	11					320	13
2400 m	250	15	290	20	50	9			250	24			340	4	330	12					250	11
3000 m			280	19	50	9							320	2							300	14
4000 m																					250	7
5000 m																					260	20
6000 m																					230	30

STATION	Matruh		Alex. A.R.		P. Said		Almaza		Minya													
DATE	4-11		4-11		4-11		4-11		4-11													
TIME	05		02		02		04		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	190	20	150	7	180	6	120	11	40	23												
600 m	180	14	360	1	160	6	60	19	20	25												
1000 m	150	7	340	9	130	1	20	17	20	16												
1500 m	140	5	340	5	350	8	10	24	260	9												
2100 m			350	13			10	15	220	18												
2400 m									260	12												
3000 m									280	21												
4000 m																						
5000 m																						
6000 m																						

STATION	Alex A.R		El Arish		Almaza		Minya		Asyout		Luxor		Bahariya		Farafra		Dakhla		Kharga		Kurgada	
DATE	4-11		4-11		4-11		4-11		4-11		4-11		4-11		4-11		4-11		4-11		4-11	
TIME	08		08		0845		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
300 m	180	9	110	4	40	9	40	7	20	3	20	6	80	27	100	12	310	6	40	13	330	20
600 m	150	3	20	4	40	16	50	18	40	13	80	4	80	21	100	10	320	11	60	14	330	16
1000 m	100	5	30	9	60	12	30	13	350	10	60	7	70	19	100	23	340	12	70	10	240	5
1500 m	330	6	60	3	50	18	280	12	270	10	50	5		3	100	15			100	4	280	8
2100 m	20	15									350	8	100	11	150	10			350	10	250	9
2400 m	40	17									340	5	90	10	130	9			350	8	200	11
3000 m	60	13									240	7							300	4	210	14
4000 m																			250	15	250	15
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																					
DATE	3 - 11																					
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	70	26		350	14															
1000 mb.	123	26		350	14															
950 mb.																				
900 mb.																				
850 mb.	1523	13		340	8															
800 mb.																				
750 mb.	3138	4		240	21															
700 mb.																				
650 mb.	5751	-12		250	45															
600 mb.	7461	-22																		
550 mb.	9510	-38																		
500 mb.	12230	-52																		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Wednesday 4th November 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)	during preceding hour not at time of observation
21	Rain (" ")	during preceding hour not at time of observation
22	Snow	during preceding hour not at time of observation
23	Rain and snow	during preceding hour not at time of observation
24	Freezing drizzle or rain	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	
43	" " not " — preceding hour	
44	" " discernible — no change during preceding hour	
45	" " not " — no change during preceding hour	
46	" " discernible — has begun or become thicker	
47	" " not " — 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. التقديرات المنتظرة في حالة الجو من ظهر اليوم الى ظهر غد :

In the North light to moderate easterly to southerly winds ترتفع درجة الحرارة والرياح شرقية . الى جنوبية شرقية بسرعة معتدلة

veering later to fresh southwesterly in the West with some medium والمعتدلة تتحول الجنوبية غربية نشطة في الغرب . وتتكاثر بعض السحب

clouds. In Upper Egypt light winds and clear weather. فوق منطقة في الغرب . أما في الصعيد فترتفع درجة الحرارة والرياح خفيفة والسماء صحو .

Temperature rises every where.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 H U.T. — Sunset 15 06 U.T.

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

At 1200 on TUESDAY 3rd November 1953

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY Km (or m)	PRESENT WEATHER ww	PAST WEATHER w	CLOUD AMOUNT O-8	CLOUD FORMS	BAR. PRESSURE M.S.L. mb	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	RELATIVE HUMIDITY %
62300	SALLOUM	350	7	15	01	0	1	Ac	10.7	29	3	19
303	SIDI BARRANI	310	6	18	02	0	0	—	10.9	26	12	42
306	MATRÛH (A)	330	10	18	03	0	1	Cu	11.7	26	14	48
306	EL DABAA	340	9	35	01	1	1	Cu	12.2	26	10	37
311	ALEXANDRIA	270	11	35	01	0	0	—	12.4	25	15	54
316	ALEXANDRIA (A)	300	13	18	02	0	1	Cu	12.5	26	15	51
330	DAMIETTA	320	9	35	01	1	1	Cu	12.2	24	18	69
338	PORT SAÏD (A)	340	17	18	01	1	1	Sc	12.0	25	16	58
346	EL 'ARISH	290	9	10	03	5	6	Cu, Sc	11.0	24	18	69
349	DAMANHÛR	340	5	35	00	1	1	Cu	11.6	27	11	37
342	MANSÛRA	310	4	35	01	1	1	Cu	12.6	27	11	37
345	TANTA	340	5	35	00	0	0	—	12.3	27	13	42
360	SHEBÎN EL KÔM	320	1	35	01	3	3	Cu	12.2	27	16	52
354	ZAGAZIG	270	3	35	03	2	7	As, Ns	12.3	27	16	52
441	ISMAÏLIA	320	10	18	01	1	2	Sc	13.3	26	10	37
366	CAIRO (A)	270	8	30	01	2	2	Ac	12.7	27	13	42
372	CAIRO ALMAZA (A)	320	4	18	01	2	2	Ac	12.3	28	11	35
374	CAIRO EZBEKÎYA	324	4	18	01	2	2	Ac	13.5	28	10	33
375	GIZA	320	5	35	02	1	3	Cu	12.7	26	8	32
378	HELWÂN	360	4	35	01	1	3	Ac	12.4	28	7	27
361	FAYÛM	20	9	10	01	1	1	Ac	12.2	29	12	35
367	MINYA (A)	310	7	18	02	0	0	—	11.4	29	10	31
369	ASYOÛT (A)	340	2	35	00	0	0	—	10.6	31	15	38
389	NAG HAMÂDI											
402	QENA	330	2	30	02	0	0	—	9.4	33	13	30
406	LUXOR (A)	320	3	50	00	0	0	—	9.1	33	13	30
414	ASWÂN	250	3	18	03	2	0	—	13.8	29	9	29
417	SÎWA	360	2	35	01	0	0	—	13.4	29	12	35
420	BAHARÎYA	360	1	35	00	0	0	—	14.0	28	9	31
425	FARAFRA	360	8	50	00	0	0	—	12.2	30	8	25
432	DAKHLA	360	1	15	00	0	0	—	11.0	31	11	29
436	KHARGA											
450	SUEZ	270	5	50	02	1	0	—	11.4	27	19	62
459	TÛR	20	1	30	02	0	0	—	10.4	27	13	58
482	HURGHÂDA	40	5	15	02	0	0	—	9.9	28	19	58
485	QUSEIR											
841	PORT SUDÂN											
600	WÂDI HALFA											
640	ABU HAMAD											
665	KAREIMA											
680	ATBARA											
721	KHARTOÛM											
730	KASSALA											
751	WÂD MEDANI											
801	RENK											
802	ROSEIRES											
771	EL OBEID											
780	EL FASHER											
770	GENEINA											
840	MALAKÂL											
880	WÂU											
941	JUBA											

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY Km (or m)	PRESENT WEATHER ww	PAST WEATHER w	CLOUD AMOUNT O-8	CLOUD FORMS	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	MAXIMUM Today	MAXIMUM Diff. from normal	BAR. PRESSURE M.S.L. mb	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
62300	SALLOUM	230	1	15	00	0	0	—	19.8	23	8	29	19.8	38	
303	SIDI BARRANI	140	9	14	02	0	0	—	11.9	21	14	26		65	0
306	MATRÛH (A)	110	4	14	02	0	0	—	12.9	18	12	27		58	0
306	EL DABAA	110	1	7	00	0	0	—	13.5	19	11	27		64	0
311	ALEXANDRIA	360	3	35	02	0	0	—	13.9	23	15	26	0	61	0
316	ALEXANDRIA (A)	00	0	12	02	0	0	—	13.2	20	16	27	+1	78	0
330	DAMIETTA	320	2	7	02	1	0	—	14.6	21	18	25	0	69	0
338	PORT SAÏD (A)	320	8	14	02	0	1	Sc	14.2	22	17	26	+1	74	0
346	EL 'ARISH														
349	DAMANHÛR	360	9	15	02	0	0	—	13.6	22	13	27	-1	57	0
342	MANSÛRA	360	3	7	00	0	0	—	14.2	20	15	28	0	75	0
345	TANTA	360	6	35	02	1	0	—	14.4	21	16	28	0	74	0
360	SHEBÎN EL KÔM	340	2	15	00	0	0	—	13.9	19	14	29		73	0
354	ZAGAZIG	00	0	15	02	1	0	—	13.6	20	15	29	+1	73	0
441	ISMAÏLIA	60	2	35	01	0	0	—	14.2	22	15	28		65	0
366	CAIRO (A)	70	7	12	02	0	0	—	14.2	22	11	28		50	0
372	CAIRO ALMAZA (A)	30	5	14	02	0	0	—	14.5	22	13	28	0	57	0
374	CAIRO EZBEKÎYA	40	3	10	00	1	0	—	14.8	22	13	29	+1	57	0
375	GIZA	40	2	10	00	1	0	—	14.6	23	12	29	+2	59	0
378	HELWÂN	340	3	15	01	0	0	—	14.7	23	8	26	-1	38	dr
361	FAYÛM	360	7	35	02	1	2	Sc	13.5	22	9	29	0	44	0
367	MINYA (A)	20	2	8	02	0	0	—	13.2	20	12	29	0	60	0
369	ASYOÛT (A)	00	0	12	02	0	0	—	12.8	22	11	30	+2	50	0
389	NAG HAMÂDI	00	0	15	00	0	0	—	11.9	22	15	32	+1	65	0
402	QENA	270	1	7	00	0	0	—	12.2	23	15	36	+4	61	0
406	LUXOR (A)	00	0	12	02	0	0	—	11.6	24	14	34		54	0
414	ASWÂN	20	3	50	00	0	0	—	10.4	30	13	34	0	35	0
417	SÎWA	00	0	18	02	0	0	—	14.4	21	10	29	+1	50	0
420	BAHARÎYA	00	0	35	02	0	0	—	13.4	22	6	30		38	0
425	FARAFRA	00	0	35	00	0	0	—	13.4	25	11	30	-1	42	0
432	DAKHLA	00	0	50	00	0	0	—	12.8	25	11	30	+1	44	0
436	KHARGA	20	1	35	00	0	0	—	13.1	22	9	32		44	0
450	SUEZ	40	6	15	01	0	0	—	14.2	22	15	30	+1	65	0
459	TÛR	90	2	35	02	0	0	—	11.9	24	12	31	+4	47	
482	HURGHÂDA	230	4	12	02	0	0	—	10.5	22	13	28	+1	78	0
485	QUSEIR	360	5	15	02	0	0	—	10.4	25	17	29	0	61	0
841	PORT SUDÂN											32			
600	WÂDI HALFA											37			
640	ABU HAMAD											37			
665	KAREIMA											39			
680	ATBARA											38			
721	KHARTOÛM											39			
730	KASSALA														
751	WÂD MEDANI														
801	RENK														
802	ROSEIRES											39			
771	EL OBEID											36			
780	EL FASHER														
770	GENEINA											35			
840	MALAKÂL											35			
880	WÂU														
941	JUBA											36			

At 0600 on WEDNESDAY 4th NOVEMBER 1953

INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY 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 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
62300	SALLOUM	180	19	15	05	0	0	—	13.0	-4.2	24	3	17	+1	26	0	dr	
303	SIDI BARRANI	170	11	14	02	0	0	—	13.2		19	6	16		43	0	dr	
306	MATRÛH (A)	180	14	18	02	0	0	—	14.4	-3.0	21	7	16		47	0	1.3	
306	EL DABAA	180	4	15	00	0	0	—	15.3		18	8	13		52	0	4.0	
311	ALEXANDRIA																8.0	9
316	ALEXANDRIA (A)	180	4	18	02	0	0	—	15.8	-1.1	19	14	13	-3	73	0	8.0	8
330	DAMIETTA	200	2	08	12	4	0	—	16.6	+0.2	19	17	15	-2	88	0	dr	7
338	PORT SAÏD (A)	150	1	12	02	0	0	—	16.6	0.0	22	17	18	-2	74	0	dr	
346	EL 'ARISH																0.3	
349	DAMANHÛR	230	9	7	02	0	0	—	16.0	-1.4	19	14	15	0	73	0	dr	5
342	MANSÛRA	90	2	15	00	0	0	—	16.0	-0.6	19	16	14	-2	83	0	0	3
345	TANTA	00	0	35	02	0	0	—	16.4	-1.1	17	15	11	-3	88	0	0	3
360	SHEBÎN EL KÔM	340	2	15	00	0	0	—	15.8	-1.2	18	15	14		83	0	0	
354	ZAGAZIG	00	0	15	02	0	0	—	16.2	-0.9	20	15	15	+1	73	0	0	2
441	ISMAÏLIA	140	1	35	01	0	0	—	15.9		20	17	15		83	0	15.0	
366	CAIRO (A)	320	4	14	02	0	0	—	15.5		20	12	18		69	0	dr	
372	CAIRO ALMAZA (A)	00	0	18	00	0	0	—	15.7	-1.3	20	14	17	+1	79	0	dr	
374	CAIRO EZBEKÎYA	90	3	8	00	0	0	—	16.0	-1.9	20	14	16	0	69	0	dr	2
375	GIZA	00	0	8	00	0	0	—	15.3	-1.4	18	15	11	-3	83	0	0.2	3
378	HELWÂN	00	0	3	05	0	0	—	16.2	-1.1	19	12	16	0	64	dr	dr	1
361	FAYÛM	00	0	35	02	0	0	—	16.0	-0.9	17	14	13	-2	73	0	dr	0
367	MINYA (A)	340	4	8	02	0	0	—	15.4	-1.6	18	14	11	-3	78	0	0	
369	ASYOÛT (A)	270	3	14	02	0	0	—	15.3	-1.2	18	13	15	0	73	0	0	
389	NAG HAMÂDI	00	0	15	00	0	0	—	14.6	-0.9	20	13	15	0	64	0	0	
402	QENA	270	1	35	00	0	0	—	14.6	-0.4	22	13	14	-2	57	0	0	
406	LUXOR (A)	00	0	30	02	0	0	—	14.4	-0.7	23	13	14		57	0	0	
414	ASWÂN	20	3	50	00	0	0	—	13.4	-1.1	23	15	18	-1	61	0	0	
417	SÎWA	00	0	18	02	0	0	—	15.8	-2.6	16	6	12	0	52	0	0	0
420	BAHARÎYA	00	0	35	02	0	0	—	15.6	-2.1	19	14	13	0	73	1	0	0
425	FARAFRA	00	0	35	00	0	0	—	16.2		18	6	12		46	0	0	
432	DAKHLA	00	0	50	00	0	0	—	15.0	-1.9	18	6	13	-2	46	0	0	
436	KHARGA	20	1	35	00	0	0	—	14.2	-1.7	24	8	17	+1	36	0	0	
450	SUEZ	360	3	35	00	0	0	—	16.2	-0.1	20	15	15	-2	73	0	10.0	2
459	TÛR	40	5	35	02	0	0	—	14.2	-0.9	22	12	17	+1	53	0	0	1
482	HURGHÂDA	280	3	18	02	0	0	—	13.6	-1.1	23	12	18	+1	50	0	0	
485	QUSEIR	330	5	15	02	0	0	—	13.4	-1.2	24	14	22	+1	54	0	0	0
841	PORT SUDÂN	340	8	30	01	1	1	Sc	12.6		29	25	26		79	0		
600	WÂDI HALFA	260	5	30	02	0	0	—	11.9		22	3			27	0		
640	ABU HAMAD	20	3	30	01	0	0	—	9.2		28	12	23		37	0		
665	KAREIMA	20	5	30	02	0	0	—	9.3		27	6	22		27	0		
680	ATBARA	90	6	30	02	1	1	Ac	8.9		27	26	24		94	0		
721	KHARTOÛM	330	5	18	05	0	2	Ac	8.3		27	6	24		27	0		
730	KASSALA	90	3	30	01	0	0	—	6.7		32	16	24		38	0		
751	WÂD MEDANI																	
801	RENK																	
802	ROSEIRES	130	2	35	02	0	0	—	8.2		26	17	20		58	0		
771	EL OBEID	20	7	30	03	1	5	As, Cu	9.4		26	1	15		20	1		
780	EL FASHER																	
770	GENEINA	50	5	30	03	0	3	Ac			21	-5	13		17	0		
840	MALAKÂL	00	0	30	03	1	4	Ac, Cu	9.8		24	18	18		69	0		
880	WÂU	20	6	10	04	1	4	Ac, Cu	9.3		24	19	19		74	0		
941	JUBA	150	5	30	02	2	6	As, Cu	9.5		26	21	29		74	0.2		

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani	Matruh	P.Said	Minya	Asyout	Aswan	Farafra	Dakhla	Kharga	Dunghala		
DATE	4-11	4-11	4-11	4-11	4-11	4-11	4-11	4-11	4-11	4-11		
TIME	14	15	14	14	14	14	14	14	14	14		
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m.	160	24	140	15	360	5	350	12	300	11	360	9	80	8	340	3	10	10	340	11		
600 m.	160	25	140	16	20	7	10	10	340	11	360	9	80	6	340	4	20	12	330	11		
1000 m.	160	31			10	8	350	4	350	12	360	9	120	4	360	3	30	15	300	6		
1500 m.	170	24	170	16	30	7			300	11	30	11	240	12	280	3	330	17	300	3		
2100 m.					40	10	280	29	280	9	50	6							270	13		
2400 m.									260	9	50	11							260	15		
3000 m.									280	14												
4000 m.									260	23												
5000 m.																						
6000 m.																						

STATION	Matruh	Abu A.R.	R.Said	Minya	Asyout	El Arish											Helwan	
DATE	6-11	5-11	5-11	5-11	5-11	5-11											5-11	
TIME	05	02	03	02	02	03											715	
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.	130	31	120	14	150	5	50	13	20	3	100	6									140	3
600 m.	150	22	100	13	130	8	50	13	20	5	40	14									80	12
1000 m.	180	15	30	11	120	9	120	19	30	7	30	13									40	10
1500 m.	210	12	60	10	80	18	100	10	330	10	340	4									360	6
2100 m.									320	13	240	12									350	17
2400 m.									320	10	250	7									310	23
3000 m.									320	28											320	23
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrani	P.Said	Almaza	Minya	Asyout	Luxor	Baharia	Farafra	Dakhla	Kharga	Dunghala
DATE	5-11	5-11	5-11	5-11	8-11	5-11	5-11	5-11	5-11	5-11	5-11
TIME	08	08	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.	130		100	8	80	13	30	3	80	5	20	6	110	18	150	7	110	11	70	8	330	20
600 m.	160		80	7	70	15	50	5	90	5	20	7	120	13	160	17	100	12	80	14	330	16
1000 m.	180		80	9	50	10	20	3	140	3	10	12	120	18	170	12	120	9	70	14	240	5
1500 m.	200		40	11	340	12	90	9	340	10	10	10			160	15	120	9	30	6	280	8
2100 m.			30	16	320	18	330	16	340	16	330	10							360	5	280	9
2400 m.			330	16	360	15	320	17	350	16	10	16							360	12	260	11
3000 m.									340	16	40	13							10	17	210	14
4000 m.																					250	15
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																	
DATE	4-11																	
TIME	1500																	
	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	70	25		40	11															
1000 mb.	140	25		40	11															
950 mb.																				
900 mb.																				
850 mb.	1534	13		40	13															
800 mb.																				
700 mb.	3143	6		260	16															
600 mb.																				
500 mb.	5804	-14		220	24															
400 mb.	7464	-24		230	54															
300 mb.	9506	-37		230	56															
200 mb.	12210	-54																		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Thursday 5th November 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 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 "	
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 غد.

Slight rise in temperature, with easterly to southeasterly winds, moderate in the North and light in Upper Egypt. Some low and medium clouds.

ترتفع درجة الحرارة قليلا مع رياح بين الشرقية والجنوبية الشرقية معتدلة. وتكون في الجهة البحرية وخفيفة في الجنوبية. بعض السحب المنخفضة والمتوسطة.

التغيرات المنتظرة في حالة الطقس

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

CAIRO (Time of Sunrise 04 12 U.T. Sunset 15 05 U.T.)

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

At 1200 on WEDNESDAY 4th NOVEMBER 1953 — At 1800 on WEDNESDAY 4th NOVEMBER 1953 — At 0600 on THURSDAY 5th NOVEMBER 1953

AREA	INDEX NUMBER	STATION	1200 WIND DIRECTION Deg	1200 WIND VELOCITY IN KNOTS	1200 VISIBILITY (Km)	1200 PRESENT WEATHER ww	1200 PAST WEATHER W	1200 CLOUD AMOUNT O-8	1200 CLOUD FORMS	1200 BAR PRESSURE M.S.L. mb	1200 TEMPERATURES Dry Bulb	1200 TEMPERATURES Dew Point	1200 RELATIVE HUMIDITY %	1200 RAIN PAST 12 hrs mms	1800 WIND DIRECTION Deg	1800 WIND VELOCITY IN KNOTS	1800 VISIBILITY (Km)	1800 PRESENT WEATHER ww	1800 PAST WEATHER W	1800 CLOUD AMOUNT O-8	1800 CLOUD FORMS	1800 BAR PRESSURE M.S.L. mb	1800 TEMPERATURES Dry Bulb	1800 TEMPERATURES Dew Point	1800 TEMPERATURES MAXIMUM Today	1800 TEMPERATURES MAXIMUM Diff from normal	1800 RELATIVE HUMIDITY %	1800 RAIN PAST 12 hrs mms	0600 WIND DIRECTION Deg	0600 WIND VELOCITY IN KNOTS	0600 VISIBILITY (Km)	0600 PRESENT WEATHER ww	0600 PAST WEATHER W	0600 CLOUD AMOUNT O-8	0600 CLOUD FORMS	0600 BAR PRESSURE M.S.L. mb	0600 BAR PRESSURE Diff from normal mb	0600 TEMPERATURES Dry Bulb	0600 TEMPERATURES Dew Point	0600 TEMPERATURES MINIMUM Today	0600 TEMPERATURES MINIMUM Diff from normal	0600 RELATIVE HUMIDITY %	RAINFALL mms Past 24 hrs	RAINFALL mms Total From Oct 1st	RAINFALL mms Normal From Oct 1st
MEDITERRANEAN	62200	SALLOUM	160	9	35	03	2	7	Cs	11.5	27	3	17		110	4	15	00	0	0	—	11.4	25	8	30	+4	34	0	140	19	15	03	2	7	As	12.6	-4.7	22	9	20	+4	44	0	dur		
	309	SIDI BARRANI	170	20	0.3	31	8	3	Cu	12.4	30	2	17		100	8	13	01	6	2	Sc	12.5	24	4	30		28	dur	150	11	12	01	2	8	As	13.2		21	9	20		47	dur	dur		
	305	MATRÛH (A)	18	12	14	03	0	1	Ci	13.3	29	16	46		10	11	10	01	2	5	Ac, Cu	14.1	23	18	30		74	0	130	11	14	01	2	6	Ns, As, Cu	14.6	-2.8	21	10	17		50	0	1		
	309	EL DABAA	290	2	35	00	0	—	—	14.3	30	8	25		110	3	7	01	1	2		16.0	21	16	30		74	0	140	4	15	01	1	2	Cu	15.3		13	15	13		83	0	4		
	319	ALEXANDRIA	40	8	35	02	0	0	—	14.6	24	16	61		40	8	35	02	0	0	—	16.3	22	15	25	-1	65	0	220	8	35	02	0	0	—	16.6	-1.1	20	17	18	0	83	0	8	10	
	311	ALEXANDRIA (A)	10	6	18	02	0	0	—	14.7	27	15	48		60	6	12	02	0	0	—	16.1	19	15	29	+3	78	0	120	9	18	02	0	0	—	16.4	-2.5	19	16	16	0	83	0	2	9	
	340	DAMIETTA	40	5	35	03	0	1	Cu	15.5	24	16	61		320	5		01	0	0	—	16.8	21	18	26	+1	83	0	180	2	1-5	10	0	1	Cu	16.8	+0.4	21	18	17	0	83	0	dur	8	
	288	PORT SAID (A)	360	5	30	02	0	1	Cu	15.4	23	18	74		30	10	14	01	0	1	Sc	17.0	22	17	25	0	74	0	170	4	1½	03	0	3	Sc	17.3	+0.6	23	18	20	0	74	0	dur		
	356	EL ARISH	360	3	30	01	0	1	Cu	14.4	24	16	61																150	3	30	02	0	0	—	16.9	+0.1	20	15	15		73	0	0.3		
LOWER EGYPT	336	DAMANHUR	40	9	15	02	0	0	—	15.1	28	10	33		360	9	15	02	0	0	—	15.9	20	17	28	0	83	0	230	9	7	02	0	0	—	16.7	-0.8	19	16	16	+1	83	0	dur	5	
	342	MANSURA	20	5	35	00	0	0	—	15.1	28	13	40		40	2	7	00	0	0	—	16.4	21	16	29	+1	74	0	90	2	15	00	0	0	—	16.7	0.0	20	17	16	0	83	0	0	3	
	345	TANTA													00	0	35	02	0	0	—	16.6	19	16	29	+1	83	0	00	0	35	02	0	0	—	17.1	-0.4	18	18	14	0	97	0	0	3	
	360	SHEBIN EL KÔM	340	5	35	00	0	0	—	14.6	28	10	33		340	2	15	00	0	0	—	16.4	20	15	29		73	0	340	2	15	00	0	0	—	16.4	-0.7	19	11?	15		60	0	0		
	354	ZAGAZIG	00	0	35	02	0	0	—	15.2	28	13	40		00	0	15	02	0	0	—	15.9	21	16	31	+3	74	0	00	0	15	02	0	0	—	16.2	-0.5	19	16	15	+1	83	0	0	2	
	441	ISMAILIA	360	3	35	01	0	0	—	14.6	27	11	37		360	2	35	01	0	0	—	16.4	20	17	28		83	0	40	1	35	01	0	0	—	16.6		17	16	15		83	0	15		
CAIRO AREA	356	CAIRO (A)	70	14	30	02	0	0	—	14.4	28	2	19		70	12	12	02	1	0	—	16.5	22	14	28		61	0	110	7	15	02	0	0	—	17.2		21	13	17		61	0	dur		
	372	CAIRO ALMAZA (A)	20	11	30	02	0	0	—	14.2	28	8	29		40	11	12	01	0	0	—	15.9	22	16	28	0	69	0	110	5	14	02	0	0	—	16.2	-0.8	20	13	17	+1	64	0	dur		
	374	CAIRO HELIOPOLIS	320	4	18	00	0	0	—	14.5	28	4	22		30	3	10	00	0	0	—	16.1	22	14	28	0	61	0	00	0	4	05	0	0	—	16.4	-0.7	20	14	18	+3	69	0	dur	2	
	375	GIZA	320	4	18	00	0	0	—	14.6	29	4	20		30	3	10	00	0	0	—	15.8	23	14	30	+3	57	0	00	C	4	05	0	0	—	16.2	-1.0	16	15	12	-1	94	C	0.2	3	
	378	HELWAN	[illegible]	15	[illegible]	02	0	0	—	13.8	28				20	16	07	01	1	0	—	15.8	22	11	28	+1	50	0	00	0	3	05	C	C	—	16.8	-0.6	18	15	18	+2	83	C	dur	1	
UPPER EGYPT	381	FAYOUM	360	4	35	02	0	0	—	13.5	30	8	25		360	4	35	02	0	0	—	14.8	21	10	31	+2	50	0	00	0	35	02	0	0	—	16.6	-0.3	20	15	13	-2	73	0	dur	0	
	387	MINYA (A)	350	9	8	03	1	3	Ci	12.7	31	7	22		00	0	8	02	1	2	Ci	14.4	19	13	31	+2	68	0	360	4	8	02	0	0	—	15.6	-1.4	18	12	12	-2	68	0	0		
	393	ASYOUT (A)	320	2	30	03	1	3	Sc, Ci	12.6	29	10	31		250	4	10	02	0	1	Ci	14.2	24	6	31	+3	32	0	00	0	18	02	0	0	—	15.4	-1.1	20	10			63	0	0		
	399	NAG HAMADI	00	0	35	00	0	0	—	11.6	33	15	34		00	0	15	00	0	0	—	13.6	21	14	34	+3	65	0	00	0	15	00	0	0	—	15.6	0.0	21	14	13	-1	68	0	0		
	402	QENA	270	1	50	00	0	0	—	11.4	33	17	38		270	1	7	00	0	0	—	13.6	24	12	35	+3	47	0	270	1	35	00	0	0	—	15.4	+0.3	22	11	15	0	50	0	0		
	408	LUXOR (A)													00	0	12	02	0	0	—	12.5	24	15	34		57	0														0		
	414	ASWAN	340	6	50	00	0	0	—	7.8	32	14	34		360	3	50	00	0	0	—	10.6	30	18	36	+3	49	0	340	3	50	00	0	0	—	15.0	+0.4			19	+1			0		
OASES	417	SIWA	150	12	14	03	1	4	Ci	13.8	30	5	21		100	8	10	01	1	0	—	12.6	23	5	30	+1	32	0	60	4	18	03	0	3	As, Ac, Ci	14.2	-4.3	18	5	16	+4	43	0	0	0	
	420	BAHARIYA	90	2	35	02	0	0	—	14.2	30	13	35		00	0	15	02	0	0	—	15.5	21	10	31	+3	50	0	00	0	35	02	0	0	—	16.6	-1.5	21	14	16	+3	65	C	C	0	
	423	FARAFRA	90	1	35	00	0	0	—	14.3	31	7	22		00	0	15	00	0	0	—	14.6	20	4	31		35	0	00	0	35	00	0	0	—	15.8		18	3	13		37	0	0		
	427	DAKHLA	40	5	50	01	1	2	Ci	12.6	33	10	24		00	0	35	00	0	0	—	14.0	25	8	34	+3	34	0	00	0	50	00	0	0	—	16.6	-0.4	18	3	17	+3	37	0	0		
	435	KHARGA	340	1	35	00	0	0	—	11.0	33	4	16		00	0	15	00	0	0	—	12.6	22	6	33	+2	36	0	00	0	35	00	0	0	—	15.1	-0.8	23	5	16	+1	32	0	0		
RED SEA	486	SUEZ	360	5	50	03	0	2	Cu	14.4	27	9	33		310	5	15	01	0	0	—	16.4	22	15	28	0	65	0	360	3	35	00	0	0	—	16.3	0.0	19	14	15	-2	73	0	10	2	
	453	TÛR	40	31	35	02	0	0	—	13.4	27	20	66		40	2	35	02	0	0	—	13.8	24	16	28	+1	61	0	40	2	25	02	C	C	—	14.2	-1.6	22	11	17	+1	56	C	0	1	
	462	HURGHADA	[illegible]	[illegible]	[illegible]	[illegible]	0	0	—	12.8	26	18	[illegible]		280	4	12	02	0	0	—	13.2	25	15	27	0	54	0	250	3	15	01	C	C	—	14.1	-0.6	23	6	15	-2	34	C	0		
	465	QUSEIR	20	5	15	02	0	0	—	12.8	24	19	74		320	5	15	02	0	0	—	13.2	25	19	28	-1	70	0	330	2	15	02	C	C	—	14.0	-0.7	22	11	20	-1	50	C	0	6	
	841	PORT SUDAN																																											
NORTH SUDAN	620	WADI HALFA																																										
	640	ABU HAMAD																																											
	680	KARSIMA																																										
	660	ATBARA																																										
	721	KHARTOUM																																										
	730	KASSALA																																										
CENTRAL SUDAN	751	WAD MEDANI																																										
	801	RENK																																										
	802	ROSEIRES																																										
	771	EL OBEID																																										
	780	EL FASHER																																										
	770	GENEINA																																										
S. SUDAN	840	MALAKAL																																										
	680	WAU																																										
	841	JUBA																																										
RETARDS	DATE																																										

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani	Alex. A.P.	P. Said	Almaza	Minya	Asyout	Aswan	Farafra	Dakhla	Kharga	Hurghada
DATE	5-11	5-11	5-11	5-11	5-11	5-11	5-11	5-11	5-11	5-11	5-11
TIME	15	14	14	14	14	14	14	14	14	14	14
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m	150 33	50 10	40 8	40 6	360 10	300 9	360 11	150 4	40 5	30 8	340 24
600 m	160 34	110 12	50 12	50 10	350 4	330 11	20 7	140 4	10 5	40 10	340 23
1000 m	160 34	110 9	60 10	30 7	350 4	350 10	20 9	160 4	20 4	50 15	330 23
1500 m		40 4	80 5	350 16	350 9	350 13	40 11	190 12	120 5	60 14	310 16
2100 m		330 14	100 5	320 17	360 15	340 10	40 9	240 7	90 10	360 10	300 15
2400 m		280 8		320 20		340 12		220 5	80 10		310 10
3000 m		280 11		310 9		340 19			20 7		300 8
4000 m		270 17		270 6							
5000 m		280 17									
6000 m											

STATION	Matruh	El Arish	Minya	Asyout
DATE	6-11	6-11	6-11	6-11
TIME	5	3	2	2
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m	300 16	100 6	330 3	
600 m	300 15	80 12	330 4	20 8
1000 m	280 8	100 9	300 9	40 7
1500 m	280 12	20 5	360 12	10 10
2100 m	300 26	340 11		350 10
2400 m	310 26	360 13		360 12
3000 m				
4000 m				
5000 m				
6000 m				

STATION	S. Barani	Matruh	1	Baharia	Asyout	Minya	Dakhla	Kharga	Hurghada
DATE	6-11	6-11		6-11	6-11	6-11	6-11	6-11	6-11
TIME	8	9		8	8	8	8	8	8
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m	250 23	280 18		260 27	140 7	180 3	140 3	40 10	320 15
600 m	240 22	280 11		260 33	110 5	200 7	150 9	70 20	330 10
1000 m	240 24	250 17		250 23	100 8	160 7	160 8	90 10	360 7
1500 m	250 42	250 25		220 15	10 6	90 2	200 4	70 20	40 2
2100 m		220 22		200 34	10 4	320 8	100 10	300 16	350 21
2400 m		220 24			360 5	290 5	200 5	310 17	340 20
3000 m					340 12	290 10			330 11
4000 m									
5000 m									
6000 m									

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 6th NOVEMBER 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)	during preceding hour but not at time of observation
21	Rain (" ")	during preceding hour but not at time of observation
22	Snow	during preceding hour but not at time of observation
23	Rain and snow	during preceding hour but not at time of observation
24	Freezing drizzle or rain	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	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s) slight	
81	" " moderate or heavy	
82	" violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s) slight	
86	" moderate or heavy	
87	Shower (s) of soft hail with or without rain*	slight
88	or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain* or	slight
90	rain and snow mixed not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	Thunderstorm during preceding hour but not at time of observation
93	Slight snow*	Thunderstorm during preceding hour but not at time of observation
94	Moderate or heavy snow*	Thunderstorm during preceding hour but not at time of observation
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	Thunderstorm at time of observation
97	" heavy without hail	Thunderstorm at time of observation
98	" with duststorm or sandstorm	Thunderstorm at time of observation
99	" heavy with hail	Thunderstorm at time of observation

* or rain and snow mixed

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. سوف اليوم فى ظروف

Moderate winds mainly westerly in the north freshening تتصف درجة الحرارة بوجه عام – هذا وتقل كميات متفرقة at times near the coast. In Upper Egypt light to moderate سحب الصباح أغلبها غربية معتدلة westerly winds. General decrease in temperature, with فى شمال النشط احيانا قرب الساحل وشمالية غربية خفيفة الى variable amounts of low and medium clouds. معتدلة فى الصعيد.

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

SYNOPTIC SURFACE ...

CAIRO { Time of Sunrise 04 12 U.T. / Sunset 15 05 U.T.

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

At 1200 on THURSDAY 5th

Area	Index	Station	Wind Direction Deg	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	SALLOÛM	160	19	15	05	2	7	As	9.8	28	4	22
	309	SÎDI BARRÂNI	140	22	03	31	6	7	Ac	9.9	28	5	23
	306	MATRÛH (A)	90	19	10	07	8	7	Ac	13.1	25	14	51
	308	EL DAB'AA	90	5	35	03	2	6	Sc	14.6	26	14	48
	319	ALEXANDRIA	40	6	35	03	0	3	Ac,Cs	15.2	25	17	61
	318	ALEXANDRIA (A)	100	4	18	03	1		Ci	15.3	23	15	61
	330	DAMIETTA	40	2	35	02	1	1	Cu	16.0	25	17	61
	333	PORT SA'ÎD (A)	80	6	30	02	0	1	Sc	16.3	24	18	69
	336	EL 'ARÎSH	340	4	30	01	0	1	Sc,Cu	15.5	23	18	74
Lower Egypt	339	DAMANHÛR	90	5	15	02	0	0	—	16.0	27	16	52
	342	MANSÛRA	40	2	35	00	0	0	—	15.6	28	15	45
	348	TANTA	130	3	35	01	1	1	Cu	15.6	27	16	52
	350	SHEBÎN EL KÔM	40	2	35	00	0	0	—	15.1	27	16	52
	354	ZAGAZIG	00	0	35	02	0	0	—	15.6	26	16	55
	441	ISMAÎLÎA	70	4	35	03	1	2	Ci	15.2	27	13	42
Cairo Area	366	CAIRO (A)	40	11	18	02	0	1	Ci	15.2	28	7	27
	372	CAIRO ALMÂZA (A)	20	9	30	01	0	1	Ci	14.8	28	8	29
	374	CAIRO EZBEKÎYA	30	3	18	03	0	2	Ci	15.2	29	9	29
	375	GIZA	30	3	18	03	0	2	Ci	15.4	30	8	25
	378	HELWÂN	20	3	35	01	1	1	Ci	14.2	29	4	20
Upper Egypt	381	FAYOÛM	00	0	35	02	0	0	—	14.4	29	12	35
	387	MINYA (A)	10	5	8	02	0	0	—	13.7	32	9	24
	393	ASYOÛT (A)	340	2	30	02	0	0	—	13.3	31	5	19
	399	NAG HAMÂDI	00	0	35	00	0	0	—	12.4	33	19	44
	402	QENA	00	0	50	00	0	0	—	11.9	35	14	29
	405	LUXOR (A)	350	2	30	02	0	0	—	11.3	35	12	25
	414	ASWÂN	340	6	50	00	0	0	—	10.8	36	13	25
Oases	417	SÎWA	180	14	14	02	1	4	Ac,Ci	12.3	35		
	420	BAHARÎYA	130	1	35	02	0	0	—	14.3	33	8	21
	423	FARAFRA	00	0	35	00	0	0	—	13.9	34	3	14
	432	DAKHLA	140	4	50	00	0	0	—	12.3	35	8	19
	435	KHARGA	00	0	35	00	0	0	—	12.0	36	7	17
Red Sea	450	SUEZ	360	3	50	02	0	0	—	14.4	27	9	33
	459	TÔR	310	13	35	02	0	0	—	13.8	28	20	62
	462	HURGHÂDA	340	5	18	02	0	0	—	12.0	27	17	55
	465	QUSEIR	20	5	15	02	0	0	—	11.9	27	17	55
	641	PORT SÛDÂN	50	12	30	01	1	2	Cu	10.4	32	27	74
North Sudan	600	WÂDI HALFA	20	10	30	02	0	0	—	8.6	37	2	11
	640	ABU HAMAD	90	2	30	03	0	1	Cu		37	11	20
	650	KAREIMA	40	6	30	03	0	1	Cu	4.9	37	12	22
	680	'ATBARA	60	5	30	02	0	0	—	4.2	38	10	18
	721	KHARTOÛM	120	2	30	02	0	0	—	3.8	39	9	16
	730	KASSALA	340	6	30	03	0	1	Cu	2.4	38	14	24
Central Sudan	751	WÂD MEDANI	360	9	35	02	0	0	—	2.3	39	12	20
	801	RENK	230	5	35	02	0	2	Ci		37	25	50
	802	ROSEIRES											
	771	EL OBEID	50	4	30	02	1	0	—	4.0	36	2	12
	760	EL FASHER	40	3	30	03	0	2	Ci		35	5	15
	770	GENEINA											
S. Sûdân	840	MALAKÂL	220	3	30	03	2	1	Cu	5.2	34	17	36
	880	WÂU	110	3	10	04	2	7	Ac,Cs	4.8	35	15	30
	941	JUBA	140	9	50	03	1	6	Cb,Ci	3.3	36	17	33

At 1800 on THURSDAY 5th

Station	Wind Direction Deg	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	250	4	7	01	1	2	Cu	10.0	25	2	29	+3	22	0
SÎDI BARRÂNI	150	10	12	02	2	2	Sc	10.9	26	4	28		25	dr.
MATRÛH (A)	110	17	10	02	2	6	Ac	13.1	22	16	27		69	dr.
EL DAB'AA	110	3	7	02	1	4	Ac	15.1	22	19	27		83	0
ALEXANDRIA	40	13	35	01	0	0	—	16.2	21	18	29?	+3	83	0
ALEXANDRIA (A)	100	14	12	02	0	0	—	16.3	21	18	27	+1	83	0
DAMIETTA	40	2		01	0	0	—	17.2	22	17	26	+1	74	0
PORT SA'ÎD (A)	40	11	18	02	0	1	Sc	17.5	25	18	25	0	65	0
EL 'ARÎSH														
DAMANHÛR	360	9	15	02	0	0	—	16.8	21	16	28	0	74	0
MANSÛRA	40	2	7	00	0	0	—	17.4	21	16	29	+1	74	0
TANTA	130	2	35	02	0	0	—	17.6	20	17	29	+1	83	
SHEBÎN EL KÔM	40	2	15	00	0	0	—	17.4	21	16	28		74	0
ZAGAZIG	00	0	15	02	0	0	—	17.5	20	17	27	-1	83	0
ISMAÎLÎA	20	2	35	01	0	0	—	17.6	21	18	28		83	0
CAIRO (A)	70	14	12	02	0	0	—	17.9	22	13	28		57	0
CAIRO ALMÂZA (A)	40	13	15	02	0	0	—	17.2	22	13	28	0	57	0
CAIRO EZBEKÎYA	40	3	10	00	1	0	—	17.4	22	13	29	+1	57	0
GIZA	40	3	10	00	1	0	—	17.2	23	13	30	+3	53	0
HELWÂN	20	10	7	02	0	0	—	17.2	22	13	30	+3	57	0
FAYOÛM	00	0	35	02	0	0	—	16.6	29	12	31	+2	35	0
MINYA (A)	360	3	8	02	0	0	—	15.2			32	+4		0
ASYOÛT (A)	220	1	8	02	0	0	—	15.1	24	10	32	+4	41	0
NAG HAMÂDI	00	0	15	00	0	0	—	14.7	23	10	34	+3	44	0
QENA	270	1	7	00	0	0	—	14.2	24	12	36	+4	47	0
LUXOR (A)	00	0	12	02	0	0	—	13.5	25	13	35		48	0
ASWÂN	360	3	50	00	0	0	—	12.2	32	11	37	+4	28	0
SÎWA	290	7	10	01	1	4	Ac	13.3	27	6	35	+1	27	0
BAHARÎYA	00	0	15	02	0	0	—	15.0	25	5	34	+6	28	0
FARAFRA	00	0	15	00	0	0	—	15.0	25	8	35		34	0
DAKHLA	00	0	15	00	0	0	—	14.3	27	6	36	+6	27	0
KHARGA	00	0	15	00	0	0	—	13.5	25	8	37	+6	34	0
SUEZ	360	8	15	02	0	0	—	17.2	22	15	28	0	65	0
TÔR	310	19	35	02	0	0	—	14.6	26	18	13		62	0
HURGHÂDA	280	6	12	02	0	0	—	14.1	26	17	27	0	58	0
QUSEIR	20	2	15	02	0	0	—	14.0	25	15	28	-1	54	0
PORT SÛDÂN	20	3	30	03	1	3	Sc,Cu	11.5	30	27			84	0
WÂDI HALFA	10	8	30	02	0	0	—	10.8	29	4	38		20	0
ABU HAMAD	50	1	30	02	0	0	—		31	4	38		18	0
KAREIMA	20	7	30	01	0	0	—	7.3	33	7	39		20	0
'ATBARA	10	3	30	02	0	0	—	7.3	31	1	39		15	0
KHARTOÛM	10	4	30	01	0	0	—	6.9	32	9	40		24	0
KASSALA	10	1	30	02	0	0	—	3.7	28	14	39		42	0
WÂD MEDANI														
RENK														
ROSEIRES											39			
EL OBEID	50	2	30	02	0	0	—	7.3	29	11	37		33	0
EL FASHER	20	1	30	01	1	1	Ci		27	3	36		22	0
GENEINA	70	3	30	01	2	0	—		26		36			0
MALAKÂL	00	0	30	02	0	0	—	8.1	27	21	35		70	0
WÂU	00	0	10	04	2	0	—	7.4	28	22	37		70	0
JUBA														

At 0600 on FRIDAY 6th NOVEMBER 1953.

Station	Wind Direction Deg	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs. mms.	Total from Oct. 1st	Normal from Oct. 1st
SALLOÛM	220	13	15	00	0	0	—	14.0	-3.3	19	7	15	0	46	0	dr.	
SÎDI BARRÂNI	210	7	15	01	0	1	Ac	14.0		18	12	16		68	dr.	dr.	
MATRÛH (A)	250	12	18	02	1	3	Cb,Ac	14.0	-3.4	18	15	17		83	dr.	1.3	
EL DAB'AA	330	9										16			0	4	
ALEXANDRIA	130	13	35	03	0	3	Ac,Ci	13.9	-3.9	19	16	18	0	83	0	8	11
ALEXANDRIA (A)	140	11	18	03	1	3	Ac	13.8	-3.1	19	16	16	0	83	0	3	9
DAMIETTA	140	2	15	00	0	0	—	15.4	-1.0	22	19	17	0	83	0	dr.	8
PORT SA'ÎD (A)	140	12	12	02	0	0	—	15.5	-1.2	21	15	19	-1	69	0	dr.	
EL 'ARÎSH	120	4	30	02	0	0	—	15.3	-1.1	18	14	13		78	0	0.3	
DAMANHÛR	160	13	7	02	0	0	—	14.7	-2.8	20	15	15	0	73	0	dr.	6
MANSÛRA	90	2	15	00	0	0	—	15.2	-1.5	19	16	16	0	83	0	0	4
TANTA	00	0	35	02	0	0	—	15.4	-2.2	18	18	15	+1	88	0	0	4
SHEBÎN EL KÔM	20	2	15	00	0	0	—	15.0	-2.3	19	17	18		88	0	0	
ZAGAZIG	00	0	15	02	0	0	—	14.7	-2.8	18	15	16	+2	83	0	0	2
ISMAÎLÎA	110	1	35	01	0	0	—	14.6		20	15	15		73	0	15	
CAIRO (A)	290	4	11	05	0	0	—	14.9		20	10	16		53	0	dr.	
CAIRO ALMÂZA (A)	260	4	6	06	0	0	—	15.0	-2.0	21	11	17	+1	53	0	dr.	
CAIRO EZBEKÎYA	00	0	10	00	0	0	—	15.2	-1.9	20	13	16	+1	64	0	dr.	2
GIZA	00	0	10	00	0	0	—	14.7	-2.6	19	14	13	0	73	0	0.2	3
HELWÂN	00	0	15	02	0	0	—	15.5	-1.9	20	11	18	+2	56	0	dr.	1
FAYOÛM	00	0	35	02	0	0	—	15.9	-1.1	19	12	13	-3	64	0	dr.	0
MINYA (A)																	
ASYOÛT (A)																	
NAG HAMÂDI	00	0	15	00	0	0	—	15.5	-0.2	20	13	14	0	64	0	0	
QENA	270	1	35	00	0	0	—	15.2	0.0	25	11	14	-1	42	0	0	
LUXOR (A)																0	
ASWÂN	00	0	50	00	0	0	—	14.8	0.0	24	14	19	+1	54	0	0	
SÎWA																	
BAHARÎYA	00	0	35	02	0	0	—	15.0	+2.2	20	13	10	-3	64	0	0	0
FARAFRA	360	5	35	00	0	0	—	16.0		16	-5	14		24	0	0	
DAKHLA	00	0	50	00	0	0	—	16.4	-0.6	17	1	12	-2	34	0	0	
KHARGA	00	0	35	00	0	0	—	14.3	-1.7	23	1	14	-1	24	0	0	
SUEZ	00	0	35	00	0	0	—	14.6	-1.7	17	15	14	-3	88	0	10	2
TÔR	40	5	50	02	0	0	—	14.5	-0.7	24	12	15	-1	47	0	0	1
HURGHÂDA	20	0	18	02	0	0	—	14.2	-0.6	24	14	16	-1	54	0	0	
QUSEIR	330	5	15	02	0	0	—	14.4	-0.4	24	12	21	0	47	0	0	0
PORT SÛDÂN	350	10	30	02	1	3	Sc	14.3		30	27	26		84	0		
WÂDI HALFA	350	5	30	03	0	2	Ci	13.2		24	3	20		26	0		
ABU HAMAD	360	4	30	02	0	0	—			28	12	23		37	0		
KAREIMA	50	5	30	02	0	0	—	10.9		28	15	25		45	0		
'ATBARA	40	7	30	02	0	0	—	10.5		29	17	25		49	0		
KHARTOÛM	40	7	15	05	0	0	—	8.4		29	14	25		40	0		
KASSALA	30	6	30	02	0	0	—	9.0		29	19	24		55	0		
WÂD MEDANI																	
RENK																	
ROSEIRES	50	2	18			2	Cu	9.7		26	20	23		70	0		
EL OBEID	340	4	30	02	0	0	—	9.8		27	2	21		20	0		
EL FASHER	00	0	30	02	0	0	—			19	3	14		35	0		
GENEINA																	
MALAKÂL																	
WÂU	180	2	35	02	1	4	Cu	12.7		28	21	23		66	0		
JUBA	180	5	50	02	2	5	Ac,Ci			27	20	20		66	2		

RETARDS — DATE

* ⊖ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani		Matruh		El Arish		Minya		Aswan		Kharga		Hurghada		Almaza					
DATE	6-11		6-11		6-11		6-11		6-11		6-11		6-11		6-11					
TIME	14		14		14		14		14		14		14		14 15					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	260	26	270	15	60	4	240	5	360	8	340	11	30	6	320	10	320	13		
600 m.	260	30	250	17	260	7	260	11	10	11	320	11	360	6	340	10	300	14		
1000 m.	260	38	250	16	250	8	260	15	10	13	310	12	360	7	340	14	50	10		
1500 m.	250	31	240	15	200	4					260	25	360	4	350	15	240	17		
2100 m.			260	23	350	6							20	10	250	24	230	17		
2400 m.			260	23	350	9											220	15		
3000 m.																				
4000 m.																				
5000 m.																				
6000 m.																				

STATION	Matruh		P.Said		Minya		Asyout		P.Sudan		Atbara		Khartoum		Kassala		El Fasher		Geneina		El Obeid	
DATE	7-11		7-11		7-11		7-11		7-11		7-11		7-11		7-11		7-11		7-11		7-11	
TIME	05		02		02		02		04		04		03		04		05		05		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	270	26	280	14	350	8	330	13	20	11												
600 m	290	24	290	10	10	7	340	24	70	11	60	16	10	25	80	8						
1000 m.	300	24	300	12	10	9	350	18	80	13	50	11	10	22	100	20	20	12			240	2
1500 m.	300	15	300	12	360	15	260	13	140	17	60	10	360	15	110	13	70	23	70	25	340	5
2100 m.			320	5							160	3	310	11	50	2					40	21
2400 m.			300	7							90	3	280	14	30	4	90	7	80	8	70	29
3000 m											140	3	260	10	30	9	160	6	90	1	60	19
4000 m.											80	7			290	3	230	2				
5000 m.											90	13	60	6					340	6		
6000 m.													120	14			150	1	360	5	260	3

STATION	S.Barrani		Matruh		P.Said		Minya		Asyout		Bahariya		Dakhla		Kharga							
DATE	7-11		7-11		7-11		7-11		7-11		7-11		7-11		7-11							
TIME	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
300 m	280	13	280	12	240	10	350	8	330	10	310	13	350	15	20	17						
600 m.	290	11	290	17	260	11	340	12	350	15	310	22	350	14	20	20						
1000 m.	290	11	280	13	270	11	300	15	350	13	320	16	360	13	10	16						
1500 m.	300	16			290	10	240	21	270	8	320	12	320	14	80	6						
2100 m.	280	14			280	11	240	24	240	23	310	13	240	21	240	4						
2400 m.	270	16					260	20	240	23	300	18			280	5						
3000 m.									260	28	300	35			320	8						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Saturday 7th November 195[illegible]

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, " " " " 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 في حالة الطقس

Temperature continues its gradual decrease with moderate تستمر درجة الحرارة في الهبوط التدريجي مع رياح غربية
westerly to northwesterly winds in the North. Some low clouds near the رياح غربية معتدلة الى شمالية غربية في الشمال وتظهر بعض السحب المنخفضة قرب
Coast. No change in the weather in Upper Egypt. الساحل. لا تغير في حالة الطقس في أعالي مصر

Printed by the Survey of Egypt 1953 (58/384)

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

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

At 1200 on Friday 6th

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity %
Mediterranean	62300	Salloûm	250	11	15	00	0	0	—	12.4	26	4	25
	305	Sîdi Barrâni	250	15	2	07	0	0	—	12.2	26	5	27
	306	Matrûh (A)	260	14	8	07	2	0	—	12.9	27	4	23
	309	El Dab'aa	320	10	35	01	1	3	Cu	13.1	25	16	58
	319	Alexandria	220	6	35	03	0	5	Ac,Ci	13.3	26	12	42
	318	Alexandria (A)	260	11	18	02	2	6	Ac,Ci	13.1	26	12	42
	330	Damietta											
	333	Port Saîd (A)	70	9	30	03	0	3	Ac	13.2	24	16	61
	336	El 'Arish	360	2	30	02	0	0	—	13.2	27	16	52
Lower Egypt	339	Damanhûr	310	9	15	02	1	1	Cu	13.5	27	13	42
	342	Mansûra	40	2	35	00	0	0	—	13.0	31	12	31
	346	Tanta	00	0	35	0.1	1	1	Ac	13.2	32	16	38
	360	Shebîn el Kôm	20	5	35	00	0	0	—	13.9	28	13	40
	364	Zagazig	00	0	35	02	0	0	—	13.3	31	15	38
	441	Ismâ'ilia	200	1	35	03	1	3	Ac	12.6	31	12	31
Cairo Area	366	Cairo (A)	220	14	15	02	0	1	Ci	13.4	33	0	12
	372	Cairo Almâza (A)	200	11	15	02	0	1	Ci	12.4	33	3	15
		Cairo Ezbekîya	230	4	18	03	0	2	Ac	12.8	33	4	16
		Giza	230	4	18	03	0	2	Ac	12.6	33	4	16
	378	Helwân											
Upper Egypt	381	Fayoûm	00	0	35	03	1	4	Ci	12.7	31	12	31
	387	Minya (A)	00	0	14	02	0	0	—	12.7	35	8	19
	393	Asyout (A)	330	3	30	02	0	0	—	12.3	33	10	24
	399	Nag Hamâdi	00	0	35	00	0	0	—	11.8	33	17	38
	402	Qena	00	0	50	03	1	2	Ci	11.9	35	16	32
	405	Luxor (A)											
	414	Aswân	340	6	50	01	1	2	Ci	11.2	34	12	27
Oases	417	Sîwa											
	420	Bahariya	270	2	35	03	1	3	Ac	14.4	31	7	22
	423	Farafra	320	10	35	00	0	0	—	14.8	31	-1	12
	432	Dakhla	00	0	50	00	0	0	—	12.6	36	4	13
	435	Kharga	00	0	35	02	1	4	Ci	12.2	37	9	18
Red Sea	450	Suez	130	3	50	02	0	0	—	13.0	31	7	22
	459	Tôr	140	2	35	02	0	0	—	12.8	29	17	49
	462	Hurghâda	00	0	18	02	0	1	Ci	12.9	26	20	70
	465	Quseir	360	5	15	02	0	0	—	12.0	28	17	52
	641	Port Sudan	70	11	30	01	1	2	Cu	10.8	32	28	79
North Sudan	600	Wâdi Halfa	340	11	30	01	0	0	—	9.0	36	2	12
	640	Abu Hamad	50	4	30	02	0	0	—		37	9	18
	660	Kareima	40	5	30	02	0	0	—	6.5	37	8	17
	680	Atbara	340	8	30	03	0	1	Cu	4.9	37	9	18
	721	Khartoûm	320	12	30	03	0	1	Cu	4.2	39	9	16
	730	Kassala	20	2	30	02	0	1	Cu	2.4	39	15	24
Central Sudan	751	Wad Medani											
	801	Renk											
	802	Roseires	70	3	30	02	0	0	—	3.6	37	6	14
	771	El Obeid	20	1	30	02	0	0	—		35	7	18
	760	El Fasher	20	10	30	02	0	0	—		34	1	12
	770	Geneina											
S. Sudan	840	Malakâl	200	8	30	02	2	3	Cu,Ci	6.4	33	20	47
	880	Wâu	90	5	10	04	2	5	Cu,Ac,Ci	4.3	35	17	35
	941	Juba	90	3	30	95	9	7	Cb,Ac,Cs	6.8	27	23	79

At 1800 on Friday 6th

Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	Salloûm	220	7	15	01	0	1	Cu		23	8	26	0	38	0
305	Sîdi Barrâni	220	10	14	02	0	2	Sc	13.9	21	9	26		47	0
306	Matrûh (A)														
309	El Dab'aa	220	2	7	00	0	0	—	13.8	18	13	25		73	0
319	Alexandria	320	5	35	01	1	0	—	13.9	22	15	26	0	65	0
318	Alexandria (A)	340	5	12	01	1	4	Cu,Ac	14.0	22	16	27	+1	69	0
330	Damietta	140	2	7	02	1	3	Cu	12.8	23	16	27	+2	65	0
333	Port Saîd (A)	100	7	14	01	1	1	Ac	13.1	23	20	26	+1	84	0
336	El 'Arish														
339	Damanhûr	310	9	7	02	1	2	Cu	14.7	21	16	30	+2	74	0
342	Mansûra	320	5	7	00	0	0	—	13.5	22	15	32	+4	65	0
346	Tanta	00	0	35	02	0	0	—	14.4	20	18	33	+3	88	0
360	Shebîn el Kôm	20	2	15	00	1	0	—	14.2	22	17	29		74	0
364	Zagazig	00	0	15	02	0	0	—	13.9	22	15	32	+4	65	0
441	Ismâ'ilia	20	1	35	01	0	0	—	12.6	23	12	34		50	0
366	Cairo (A)	340	6	12	03	1	3	Sc,Ac	14.0	23	12	33		50	0
372	Cairo Almâza (A)	290	5	15	01	1	4	Ac	13.6	23	14	33	+6	57	0
	Cairo Ezbekîya	270	2	10	03	1	3	Sc,Cu	13.9	23	12	33	+5	50	0
	Giza	270	2	10	03	1	3	Sc,Cu	14.2	23	12	33	+6	50	0
378	Helwân														
381	Fayoûm	00	0	35	01	0	0	—	13.8	23	12	32	+3	50	0
387	Minya (A)														
393	Asyout (A)	260	3	8	02	0	0	—	13.5	25	4	33	+5	26	0
399	Nag Hamâdi	00	0	15	00	0	0	—	12.3	25	13	33	+3	48	0
402	Qena	00	0	7	00	0	0	—	12.3	24	12	36	+4	47	0
405	Luxor (A)														
414	Aswân	360	3	50	00	0	2	Ci	11.2	31	12	35	+2	31	0
417	Sîwa														
420	Bahariya	00	0	15	02	1	0	—	15.6	23	10	32	+4	44	0
423	Farafra	00	0	15	00	0	0	—	16.2	21	4	34		33	0
432	Dakhla	340	9	15	00	0	0	—	13.8	27	2	37	+7	20	0
435	Kharga	00	0	15	00	0	0	—	12.4	26	0	38	+8	18	0
450	Suez	00	0	15	02	0	0	—	13.6	23	15	33	+5	61	0
459	Tôr	40	2	35	02	0	0	—	12.4	22	15	29	+2	65	0
462	Hurghâda	00	0	12	02	0	0	—	11.9	22	8	27	+1	41	0
465	Quseir	40	2	15	01	1	0	—	11.6	25	13	28	-1	48	0
641	Port Sudan											33			
600	Wâdi Halfa											35			
640	Abu Hamad											37			
660	Kareima											38			
680	Atbara											38			
721	Khartoûm											39			
730	Kassala											39			
751	Wad Medani											39			
801	Renk														
802	Roseires											39			
771	El Obeid											39			
760	El Fasher											36			
770	Geneina														
840	Malakâl											33			
880	Wâu											36			dr.
941	Juba														

At 0600 on Saturday 7th November 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	Salloûm	270	13	15	00	0	0	—	15.2	-2.1	17	9	14	-1	60	0	dr.	
305	Sîdi Barrâni	240	7	14	02	0	2	Ac	15.1		18	12	15		68	0	dr.	
306	Matrûh (A)	240	15	14	02	0	0	—	15.8	-1.6	19	14	15		73	0	1	
309	El Dab'aa	270	9	15	01	1	2	Cu	15.3		18	13	14		73	0	4	
319	Alexandria	220	6	35	03	0	1	Cu	15.8	-2.0	20	15	17	-1	73	0	8	12
318	Alexandria (A)	220	11	18	03	0	2	Cu	15.4	-1.5	18	12	16	0	68	0	3	10
330	Damietta	220	2	1.5	10	0	0	—	16.0	-0.4	19	16	15	-2	83	0	dr.	9
333	Port Saîd (A)	260	10	11	02	1	0	—	16.5	-0.2	21	17	21	+1	78	0	dr.	
336	El 'Arish	240	4	30	01	1	0	—	10.0	-1.5	21	18	17		83	0	0.3	
339	Damanhûr	230	13	15	02	0	0	—	16.0	-1.5	18	13	15	0	73	0	dr.	6
342	Mansûra	220	2	15	00	0	0	—	16.7	-0.4	19	14	15	0	73	0	0	4
346	Tanta	00	0	35	02	0	0	—	16.6	-1.0	17	15	14	0	88	0	0	4
360	Shebîn el Kôm	220	2	15	00	0	0	—	16.9	-0.5	19	16	15		83	0	0	
364	Zagazig	00	0	15	02	0	0	—	16.7	-0.5	19	15	15	+1	78	0	0	2
441	Ismâ'ilia	220	1	35	01	0	0	—	16.3		21	16	17		74	0	15	
366	Cairo (A)	250	3	11	05	0	0	—	16.6		21	14	16		65	0	dr.	
372	Cairo Almâza (A)	220	2	14	00	0	0	—	16.7	-0.3	20	14	16	+1	69	0	dr.	
	Cairo Ezbekîya	00	0	8	00	0	0	—	17.0	-0.2	21	15	16	+1	69	0	dr.	2
	Giza	00	0	8	00	0	0	—	16.8	-0.5	18	16	13	0	88	0	0.2	3
378	Helwân																	
381	Fayoûm	00	0	35	02	0	0	—	16.8	-0.2	20	15	15	+1	73	0	dr.	0
387	Minya (A)	330	6	8	02	0	0	—	16.9	-0.2	20	12	14	+1	66	0	0	
393	Asyout (A)	300	3	12	02	0	0	—	16.2	-0.5	20	9	16	+1	49	0	0	
399	Nag Hamâdi	00	0	15	00	0	0	—	16.2	+0.5	21	14	15	+1	65	0	0	
402	Qena	270	1	35	00	0	0	—	15.0	-0.3	25	11	17	+2	42	0	0	
405	Luxor (A)	00	0	30	02	0	0	—	14.9	-0.4	26	14	17		48	0	0	
414	Aswân	20	3	50	01	1	1	Ci	14.7	-0.2	23	12	19	+1	56	0	0	
417	Sîwa	300	3	18	02	0	0	—	19.0	+0.4	17	12	13	+2	72	0	0	0
420	Bahariya	320	2	35	02	0	0	—	18.3	+0.4	21	7	12	0	41	0	0	0
423	Farafra	00	0	35	00	0	0	—	19.0		18	6	14		46	0	0	
432	Dakhla	340	9	50	00	0	0	—	17.4	+0.3	21	4	16	+2	33	0	0	
435	Kharga	360	1	15	00	0	0	—	15.5	-0.6	23	5	18	+3	32	0	0	
450	Suez	360	3	35	00	0	0	—	16.6	+0.2	20	15	16	-1	73	0	10	3
459	Tôr	40	2	35	02	0	0	—	15.3	+0.1	24	15	11	-5	57	0	0	1
462	Hurghâda	280	2	18	02	0	0	—	14.0	-0.8	24	9	19	+2	38	0	0	
465	Quseir	310	5	15	02	0	0	—	13.6	-1.2	24	9	20	-1	38	0	0	1
641	Port Sudan	340	10	30	02	0	4	Cu	13.1		28	26	26		89	0		
600	Wâdi Halfa	30	3	30	03	0	2	Ci	13.9		22	4	17		31	0		
640	Abu Hamad	20	3	30	02	0	0	—			27	4	23		23	0		
660	Kareima	50	6	30	02	0	0	—	10.9		28	7	24		27	0		
680	Atbara	40	10	30	02	0	1	Ac	9.4		29	15	24		43	0		
721	Khartoûm	20	7	30	03	0	3	Ci	8.8		29	9	24		29	0		
730	Kassala	120	6	30	02	0	0	—	7.7		32	19	25		46	0		
751	Wad Medani	50	5	35	02	0	0	—	8.9		28	19	21		58	0		
801	Renk																	
802	Roseires	230	2	35	02	0	0	—	12.9		25	9	20		26	0		
771	El Obeid	250	2	30	03	2	6	Cs	8.7		28	19	23		58	0		
760	El Fasher	00	0	30	03	0	1	Ci			21	7	17		41	0		
770	Geneina																	
840	Malakâl	00	0	30	03	2	6	Ac,Ci	9.8		23	21	19		89	0		
880	Wâu	00	0	10	04	1	3	Ac,Ci	9.2		24	21	21		84	dr.		
941	Juba	180	8	30	02	1	4	Ac,Ci	9.8		26	22	21		79	Rain		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani	Matruh	Alex. A.P.	Almaza	Minya	Asyout	Aswan	Sinn	Farafra	Dakhla	Kharga
DATE	7-11	7-11	7-11	7-11	7-11	7-11	7-11	7-11	7-11	7-11	7-11
TIME	14	14	14	14	14	14	14	14	15	14	14
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	340 12	200 11	300 14	320 9	10 9	330 9	360 16	290 15	360 19	350 23	340 17
600 m.	300 15	180 14	300 11	320 11	10 10	340 13	360 18	290 13	330 9	350 26	360 22
1000 m.	280 18	160 15	300 7	310 13	10 11	320 15	350 25	290 15	340 10	360 18	350 22
1500 m.	290 16	160 18	280 8	310 3	340 13	290 23	360 16	300 14	340 10	350 21	350 17
2100 m.	280 19	150 12	270 12	240 17	10 24	260 23	10 13	310 11	320 13	290 23	
2400 m.	290 14	170 16	270 16	270 20	160 5	250 23		300 20	330 26	300 24	
3000 m.	250 8		260 16	240 20		260 28		290 18			
4000 m.				270 54				260 26			
5000 m.				260 45							
6000 m.				230 4							

STATION	Matruh	Alex. A.P.	P.Said	El Arish	Almaza	Minya	Asyout			Dakhla	Kharga
DATE	8-11	8-11	8-11	8-11	8-11	8-11	8-11			8-11	8-11
TIME	05	02	02	03	04	02	02			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.	150 3	260 5	270 2	40 2	330 4	350 15	360 4			180 3	30 6
600 m.	330 1	280 4	180 2	350 5	80 7	350 19	360 13			160 11	30 21
1000 m.	300 4	290 5	240 1	340 9	50 11	360 15	10 15			100 12	20 18
1500 m.	300 10	330 4	270 9	330 4	330 8	270 3	320 9			280 7	290 11
2100 m.	320 6		230 3	330 3	220 5	300 6	260 23				
2400 m.			100 2	320 9	230 5		280 19				
3000 m.							280 25				
4000 m.											
5000 m.											
6000 m.											

STATION	S.Barrani	Alex. A.P.	El Arish	Almaza	Heliopolis	Minya	Asyout	Luxor	Sinn	Bahariya	Farafra
DATE	8-11	8-11	8-11	8-11	8-11	8-11	8-11	8-11	8-11	8-11	8-11
TIME	08	08	08	08	06 45	08	08	08 30	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.	200 7	300 4	140 5	30 3	270 4	10 16	350 6	360 2	00 0	110 3	20 8
600 m.	230 5	310 5	80 4	40 4	40 7	60 10	360 12	360 2	350 5	100 2	60 9
1000 m.	200 4	300 4	10 10	350 8	360 10	10 17	350 12	340 7	350 5	330 5	340 6
1500 m.	240 7	20 5	10 4	10 4	350 9	330 10	280 13	280 8	310 3	340 4	310 6
2100 m.	260 8		10 4	220 7	290 7	270 11		290 12	170 6	340 7	
2400 m.	260 8			250 10	250 6	250 11		270 13	260 3	300 7	
3000 m.	140 4			220 11	220 7				360 2	270 7	
4000 m.	250 17				250 17				230 17	250 26	
5000 m.										270 30	
6000 m.									260 28		

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.)

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Sunday 8th November 3 195

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.	
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 to morrow.) : من ظهر اليوم إلى ظهر غد

Moderate northwesterly winds freshening on the Coast, with slight رياح شمالية غربية معتدلة تنشط أحيانا على الساحل مع انخفاض طفيف في درجة الحرارة، وتزايد السحب المتوسطة decrease in temperature, low and medium clouds increasing during the day and light rain in the North. Mild weather with light winds and clear sky in Upper Egypt. والمنخفضة خلال النهار وأمطار خفيفة في الشمال. وأجواء معتدلة برياح خفيفة وسماء صافية في أعالي مصر.

Printed by the Survey of Egypt 1956 (80/956)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 14 U.T. — Sunset 15 03 U.T.

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

At 1200 on SATURDAY 7th NOVEMBER 1953 — At 1800 on SATURDAY 7th NOVEMBER 1953

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 %	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	TEMPERATURES °C MAXIMUM Today	TEMPERATURES °C MAXIMUM Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
											340	7	15	oo	0	0	—	16.0	21	12	21	-5	57	0
											00	0	14	02	0	0	—	16.2	20	14	23		69	0
320	14	18	02	1	2	Cu	15.7	23	15	61	00	0	10	02	0	0	—	16.1	18	14	24		78	0
320	8	35	01	1	3	Cu	15.9	23	15	61	320	2	7	00	0	0	—	16.1	18	13	24		73	0
220	13	35	03	0	3	Cu	15.6	24	18	69	330	5	35	01	0	1	Cu	16.8	22	15	25	-1	65	0
280	12	18	02	1	5	Cu	15.5	26	18	62	340	4	12	01	1	3	Sc	16.7	20	16	25	-1	78	0
250	7	35	03	1	6	Cu	15.1	26	14	48	220	2	07	01	1	1	Cu	16.6	21	18	27	+2	83	0
290	8	30	02	0	0	—	14.6	26	12	42	230	6	14	03	0	2	Sc	17.0	22	17	26	+1	74	0
310	9	15	02	1	2	Cu	15.2	26	16	55	360	9	15	02	0	0	—	17.1	20	17	27	0	83	0
270	2	35	01	1	2	Cu	15.0	27	13	42	360	2	7	00	1	0	—	17.0	21	16	28	+1	74	0
220	4	35	01	1	2	Cu	15.5	26	14	48	00	0	35	02	0	0	—	17.2	19	17	28	0	88	0
320	5	35	00	1	1	Cu	15.1	27	11	37	340	2	15	00	0	0	—	17.0	20	15	28		73	0
											00	0	15	02	0	0	—	17.2	21	12	30	+2	57	0
250	3	35	02	0	0	—	15.1	27	11	37	250	1	35	01	0	0	—	16.0	22	11	28		50	0
290	10	18	02	0	0	—	15.5	26	7	30	70	3	12	02	1	0	—	16.4	21	11	27		53	0
270	6	30	00	θ	θ	—	15.3	28	9	31	60	2	12	00	0	0	—	16.4	22	11	28	+1	50	0
280	3	18	00	0	0	—	15.4	28	8	29	00	0	10	00	0	0	—	16.6	22	12	28	+1	53	0
280	3	18	00	0	0	—	15.5	28	7	27	00	0	10	00	θ	θ	—	16.4	18	11	29	+2	64	0
00	0	35	02	4	0	—	15.7	25	8	34	00	0	15	02	θ	0	—	17.0	21	7	27	0	41	0
											00	0	35	02	0	0	—	16.3	19	14	29	+1	73	0
																								0
310	9	30	02	0	0	—	15.4	27	4	23	00	0	10	02	0	0	—	16.6	21	8	28	0	44	0
270	5	35	00	0	0	—	13.5	29	14	40	00	0	15	00	0	0	—	16.7	21	14	30	0	65	0
270	2	50	00	0	0	—	12.4	33	17	38	270	1	7	00	0	0	—	14.4	23	12	34	+2	50	0
											140	3	12	02	0	0	—	13.6	25	15	35		54	0
340	8	15	09	3	2	Ci	11.2	34	15	32	360	8	15	09	3	0	—	12.2	31	12	35	+2	31	0
320	2	35	02	0	0	—	16.6	26	12	42	00	0	15	02	0	0	—	17.9	15	3	27	-1	45	0
											00	0	35	00	0	0	—	17.9	20	8	26		46	0
											340	4	15	00	0	0	—	16.4	22	3	27	-3	29	0
360	4	35	00	0	0	—	14.0	30	5	21	00	0	15	00	0	0	—	15.5	23	1	31	+1	24	0
360	5	50	02	0	0	—	14.7	27	9	33														
310	13	35	02	0	0	—	13.3	26	18	62	00	0	35	02	0	0	—	13.8	24	18	28	+1	69	0
330	11	30	02	0	0	—	12.6	26	17	58	280	10	12	02	0	0	—	13.4	25	12	27	+1	45	0
											330	5	15	01	1	0	—	12.7	26	18	29	+1	62	0
																					33			
																					36			
																					37			
																					38			
																					39			

* θ = Sky obscured by fog etc.

At 0600 on SUNDAY 8th NOVEMBER 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	62900	SALLOUM	220	5	15	02	1	4	Ci	17.0	-0.3	19	12	16	+1	64	0	dr.	
	908	SIDI BARRANI	190	6	14	03	2	6	Ac, Ci	17.1		16	12	14		77	0	dr.	
	908	MATRUH (A)	200	8	14	03	1	6	Ci	17.7		17	14	14		83	0	4.3	
	909	EL DABAA	220	5	15	02	1	4	Ac, Ci	17.3		15	13	12		88	0	4	
	319	ALEXANDRIA	00	0	35	03	0	4	Cu, Cs	17.8	0.0	22	17	18	0	74	0	8	13
	318	ALEXANDRIA (A)	230	2	18	02	1	3	Ci	17.6	+0.7	19	16	15	-1	83	0	3	11
	330	DAMIETTA	220	2	1.5	10	0	1	Cu	17.9	+1.4	20	17	15	-1	83	0	dr.	9
	333	PORT SAID (A)	280	5	12	03	0	1	Sc	18.1	+1.4	23	18	22	+2	74	0	dr.	
	388	EL ARISH	180	3	30	02	0	0	—	17.3	+0.8	18	13	13		73	0	0.3	
LOWER EGYPT	386	DAMANHUR	270	9	7	02	1	1	Ci	17.6	0.0	17	15	15	0	88	0	dr.	7
	342	MANSURA	320	2	15	00	0	0	—	18.3	+1.5	19	16	15	0	83	0	0	4
	348	TANTA	00	0	35	02	0	0	—	18.3	+0.6	16	16	13	-1	97	0	0	4
	330	SHEBIN EL KOM	320	2	15	00	0	0	—	17.6	+0.2	18	16	14		88	0	0	
	354	ZAGAZIG	00	0	15	02	0	0	—	18.2	+0.9	18	16	15	+1	88	0	0	2
	441	ISMAILIA	250	1	35	01	0	0	—	17.9		19	16	15		83	0	15	
CAIRO AREA	388	CAIRO (A)	320	2	10	03	0	1	Ci	18.9		18	14	14		78	0	dr.	
	372	CAIRO ALMAZA (A)	00	0	12	00	0	0	—	18.0	+0.9	18	14	15	0	78	0	dr.	
	374	CAIRO EZBEKIYA	00	0	4	05	0	0	—	18.3	+1.1	18	14	15	0	78	0	dr.	2
	375	GIZA	00	0	4	05	0	0	—	18.2	+0.9	17	16	13	0	94	0	0.2	3
	378	HELWAN	00	0	1.5	10	4	0	—	18.4	+0.9	18	15	16	+1	83	0	dr.	1
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	18.6	+1.5	19	16	14	0	83	0	dr.	0
	387	MINYA (A)	360	5	8	02	0	0	—	17.6	+0.4	18	15	12	-1	83	0	0	
	393	ASYOUT (A)	290	3	15	02	0	0	—	17.6		17	11	15	+1	82	0	0	
	399	BIRKET HAMADI	00	0	15	00	0	0	—	16.8	+1.0	19	12	12	-2	64	0	0	
	402	QENA	270	1	35	00	0	0	—	16.0	+0.0	21	12	15	0	57	0	0	
	405	LUXOR (A)	00	0	30	02	0	0	—	15.8	+0.4	20	12	14		60	0	0	
	414	ASWAN	340	6	50	00	0	0	—	15.1	+0.1	23	12	20	+2	50	0	0	
OASES	417	SIWA																	
	423	BAHARIYA	00	0	35	02	0	0	—	17.5	-0.4	18	10	11	-2	66	0	0	0
	429	FARAFRA	00	0	35	00	0	0	—	19.2		15	4	11		48	0	0	
	432	DAKHLA	00	0	50	00	0	0	—	17.5	+0.3	19	7	14	0	46	0	0	
	435	KHARGA			15	00	0	0	—	15.8	-0.4	21	7	16	+1	41	0	0	
RED SEA	450	SUEZ	360	3	35	00	0	0	—	17.5	+1.1	21	12	14	-3	57	0	10	3
	459	TOR	40	5	35	02	0	0	—	16.2	+0.1	20	8	15	-1	46	0	0	1
	462	HURGHADA	260	4	18	02	0	0	—	15.0	+0.2	22	6	16	-1	36	0	0	0
	465	QUSEIR	330	2	15	02	0	0	—	14.6	-0.3	24	12	21	0	47	0	0	1
	641	PORT SUDAN	340	11	30	03	1	4	Ac	12.7		29		22			0		
NORTH SUDAN	500	WADI HALFA	350	4	30	02	0	0	—	13.9		21	5	17		35	0		
	643	ABU HAMAD	360	5	30	02	0	0	—	10.3		27	5	24		25	0		
	660	KAREIMA																	
	662	ATBARA																	
	731	KHARTOUM	20	7	30	02	0	1	Ci	8.2		21	11	20		53	0		
	730	KASSALA	80	5	30	01	0	0	—	6.8			16			23	0		
CENTRAL SUDAN	761	WAD MEDANI																	
	801	RENK																	
	802	ROSEIRES	230	2	35	02	0	0	—	7.9				21					
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	941	JUBA	180	3	30	02	8	8	Ci, Ac, Cu	9.8		22	22	21		97	4		

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		P Said		Minya		Asyout		Aswan		Farafra		Dakhla		Kharga							
DATE	8-11		8-11		8-11		8-11		8-11		8-11		8-11		8-11							
TIME	14		14		14		14		14		14		14		14							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	40	11	20	10	350	15	320	16	360	19	320	8	350	11	20	14						
600 m.	10	3	20	12	350	15	340	15	360	18	330	8	360	9	20	15						
1000 m.	320	7	30	11	360	16	360	12	10	21	330	9	360	11	20	11						
1500 m.	300	3	360	3	340	12	310	10	40	18	340	6	250	12	360	21						
2000 m.	350	5	160	7	310	6	270	16	40	18	330	8	270	17								
2400 m.			190	7			270	33	30	16	310	0	270	17								
3000 m.			170	5			260	24														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		El-Arish		Minya																	
DATE	9-11		9-11		9-11																	
TIME	05		03		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.	170	8	20	4	10	6																
600 m.	170	5	20	13	20	5																
1000 m.	220	5	20	13	40	5																
1500 m.	240	3	20	11	50	6																
2000 m.	360	2																				
2400 m.	140	2																				
3000 m.	250	4																				
4000 m.																						
5000 m.																						
6000 m.																						

STATION	S.Barrage		Matruh		P Said		El Arish		Minya		Asyout		Luxor		Bahariya		Kharga		Dakhla			
DATE	9-11		9-11		9-11		9-11		9-11		9-11		9-11		9-11		9-11		9-11			
TIME	08		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
300 m.	240	11	190	11	40	11	220	2	350	7	310	8	350	7	80	7	30	17	200	5		
600 m.	250	7	200	9	50	9	20	8	350	9	340	16	340	9	90	5	30	20	160	2		
1000 m.	230	5	220	6	60	8	30	7	10	13	340	11	330	11			350	16	300	10		
1500 m.	220	9	210	4	70	8			270	9	290	13	290	16			310	15	260	7		
2000 m.	210	10	100	4							200	13	250	0			290	14	250	15		
2400 m.	170	12	150	3									210	14			310	15	250	18		
3000 m.	190	12	210	4															270	19		
4000 m.	230	19	220	12																		
5000 m.	230	30																				
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 %	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 in metres above Mean Sea Level

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Monday 9th November 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 غد :

تقشع درجة الحرارة قليلا مع رياح جنوبية غربية معتدلة تهب تارة فى الغرب

Slight increase in temperature. Moderate southwesterly winds in West freshening at times. Northeasterly winds otherwise. Variable amounts of low and medium clouds are expected in North.

أحيانا شمالية شرقية معتدلة فى باقى الجهات وتكثر بعض السحب المتوسطة والمنخفضة فى الشمال.

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

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on SUNDAY 8th

Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOUM	340	1	35	02	2	4	Cu,Cs	15.4	25	5	28
303	SIDI BARRANI	10	7	18	02	2	7	Ac	15.8	23	13	53
306	MATRUH (A)	20	9	18	01	2	4	Cu,Cc	16.3	24	13	50
308	EL DABAA	360	9	35	02	1	5	Cu,As	17.0	23	12	50
310	ALEXANDRIA	330	8	35	03	1	6	Cu,Cs	16.4	24	16	61
318	ALEXANDRIA (A)	320	11	18	02	2	7	Cu,Ci	16.5	24	16	61
330	DAMIETTA	20	5	35	03	1	5	Cu,Ci	16.4	23	16	65
339	DAMANHUR	310	5	15	02	1	4	Cu	16.6	25	13	48
342	MANSURA	40	2	35	03	2	6	Ac	16.4	26	14	48
345	TANTA	00	0	35	02	0	6	Cu,Ci	16.4	25	15	54
360	SHEBIN EL KOM	250	5	35	01	1	4	Cu,Ci	15.8	26	14	48
364	ZAGAZIG	00	0	35	02	1	3	Cu	16.0	25	15	54
441	ISMAILIA	220	1	35	03	1	5	Cu	15.5	28	15	45
366	CAIRO (A)	00	0	18	03	2	7	Sc,Ci	16.0	25	12	45
370	CAIRO ALMAZA (A)	20	9	30	02	2	6	Cu,Cs	15.7	25	11	42
374	CAIRO EZBEKIYA	20	3	18	03	0	6	Cu,Ci	16.0	25	12	45
375	GIZA	20	3	18	03	0	6	Cu,Ci	16.2	26	11	40
381	FAYOUM	00	0	35	02	2	6	Ci	15.9	26	14	48
387	MINYA (A)	360	6	10	02	1	2	Ci	15.3	27	12	40
393	ASSIUT (A)	290	8	18	02	1	1	Ci	14.5	26	11	40
399	NAG HAMADI	270	2	35	00	0	0	—	13.1	29	14	40
403	QENA	270	1	50	00	0	0	—	12.7	31	15	38
405	LUXOR (A)	340	3	30	02	0	0	—	12.5	30	15	40
414	ASWAN	340	8	15	09	3	0	—	10.7	33	13	30
420	BAHARIA	320	2	35	03	2	6	Ac	16.4	26	10	37
423	FARAFRA	00	0	35	03	1	5	Ci	16.8	27	9	33
432	DAKHLA	50	9	50	01	1	3	Ci	14.8	27	6	27
435	KHARGA	20	2	30	02	2	0	—	13.3	29	7	25
450	SUEZ	340	4	50	03	0	3	Cu	14.6	26	12	42
460	TOR	270	9	35	02	0	0	—	13.4	26	16	55

At 1800 on SUNDAY 8th

Index Number	Station	Wind Direction Deg	Wind Velocity in Knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-9*	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
62300	SALLOUM	110	7	15	01	1	2	Cu	15.1	22	17	27	+1	74	0
303	SIDI BARRANI	140	2	14	01	2	3	Sc	15.4	21	13	26		61	0
306	MATRUH (A)	120	3	12	01	1	0	—	15.7	18	14	24		78	0
308	EL DABAA	00	0	7	01	1	1	Cu	16.2	18	15	26		83	0
310	ALEXANDRIA	360	5	35	01	1	1	Cu	16.8	21	16	25	-1	74	0
318	ALEXANDRIA (A)	00	0	12	01	2	0	—	16.9	18	16	25	0	88	0
330	DAMIETTA	40	2		00	1	0	—	17.0	20	17	25	0	83	0
333	PORT SAID (A)	40	10	14	01	1	1	Cu	16.9	22	17	24	-1	74	0
339	DAMANHUR	310	9	15	02	0	0	—	17.1	20	15	26	-1	73	0
342	MANSURA	360	2	7	00	1	0	—	16.6	20	15	28	+1	73	0
345	TANTA	00	0	35	02	0	0	—	16.7	19	16	27	0	83	0
360	SHEBIN EL KOM	320	2	15	00	0	0	—	16.2	19	16	27		83	0
364	ZAGAZIG	00	0	15	02	1	0	—	16.6	20	15	29	+1	73	0
441	ISMAILIA	20	2	35	01	0	0	—	16.2	21	16	29		74	0
366	CAIRO (A)	30	5	12	01	2	2	Ci	16.3	20	12	26		60	0
370	CAIRO ALMAZA (A)	10	7	12	01	1	1	Ac	16.5	21	13	26	-1	61	0
374	CAIRO EZBEKIYA	00	0	10	00	2	0	—	16.8	21	13	26	-1	61	0
375	GIZA	00	0	10	00	2	0	—	16.4	19	13	26	-1	68	0
381	FAYOUM	00	0	35	02	2	6	Ci	16.0	20	11	26	-2	56	0
387	MINYA (A)	10	4	8	01	1	0	—			14	28	0		0
393	ASSIUT (A)	260	1	8	02	1	2	Ci	15.3	20	11	27	-1	56	0
399	NAG HAMADI	00	0	7	00	0	0	—	14.3	21	14	30	0	65	0
403	QENA	270	1	7	00	0	0	—	13.8	21	14	33	+1	65	0
405	LUXOR (A)	00	0	12	02	0	0	—	13.4	23	14	31		57	0
414	ASWAN	360	3	50	00	0	0	—	10.7	30	11	34	+2	31	0
417	SIWA	00	0	18	01	1	0	—	16.6	19	10	27	-1	56	0
420	BAHARIA	00	0	15	02	1	0	—	14.9	18	10	27	0	60	0
423	FARAFRA	00	0	15	00	1	0	—	17.0	20	6	28		41	0
432	DAKHLA	320	4	15	00	0	0	—	15.5	22	3	28	-2	29	0
435	KHARGA	00	0	15	00	0	0	—	14.0	24	6	29	-1	32	0
450	SUEZ	360	4	15	01	0	0	—	15.1	22	13	27	-1	57	0
460	TOR	40	5	35	02	0	0	—	13.4	19	12	27	0	64	0
465	QUSEIR	20	2	15	02	0	0	—	12.4	25	15	27	-1	54	0

At 0600 on MONDAY 9th NOVEMBER 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 0-9*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	220	9	15	00	0	0	—	15.4	-1.9	20	8	16	+1	46	0	dr	
	303	SIDI BARRANI	180	6	15	02	0	1	Ac	15.6		17	8	14		56	0	dr	
	306	MATRUH (A)	200	11	14	03	0	4	Sc	16.4	-1.1	18	13	15		73	0	1	
	308	EL DABAA	220	7	15	01	1	1	Ci	17.1		16	12	12		77	0	4	
	310	ALEXANDRIA	00	0	35	03	0	4	Cu,Ac	17.0	-0.9	22	17	18	0	74	0	8	14
	318	ALEXANDRIA (A)	00	0	10	03	0	1	Sc	16.7	-0.3	18	17	12	-4	[illegible]	0	3	12
	330	DAMIETTA	320	2	1.5	10	1	3	Cu	16.6	+0.1	20	15	16	0	78	0	dr	10
	333	PORT SAID (A)			30	02	8	6	Cu,Sc	16.4	-0.3	22	17	21	+1	74	1	1	
	337	EL ARISH	190	2	30	02	0	1	Cu,Ci	15.5	-1.1	20	15	14		73	0	0.3	
LOWER EGYPT	339	DAMANHUR	130	5	7	02	0	0	—	17.0	-0.7	18	16	15	0	88	0	dr	7
	342	MANSURA	20	2	15	00	0	0	—	16.7	-0.1	19	16	16	+1	83	0	0	4
	345	TANTA	00	0	35	02	0	0	—	17.2	-0.5	18	16	12	-1	88	0	0	4
	360	SHEBIN EL KOM	340	2	15	00	0	0	—	16.7	-0.7	18	16	14		88	0	0	
	364	ZAGAZIG	00	0	15	02	0	0	—	16.4	-0.9	16	14	14	+1	88	0	0	3
	441	ISMAILIA	250	1	35	03	1	2	Ac	16.4		21	16	15		74	0	15	
CAIRO AREA	366	CAIRO (A)	00	0	4	03	0	1	Cu	16.7		17	13	15		77	0	dr	
	370	CAIRO ALMAZA (A)	00	0	14	03	0	1	Cu	16.6	-0.5	18	16	15	0	88	0	dr	
	374	CAIRO EZBEKIYA	320	3	8	00	0	0	—	16.8	-0.4	18	15	15	0	83	0	dr	2
	375	GIZA	320	3	8	00	0	0	—	16.7	-0.7	17	15	13	0	88	0	0.2	3
	378	HELWAN																dr	1
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	17.3	+0.2	19	16	14	0	83	0	dr	0
	387	MINYA (A)	350	4	8	02	1	2	Ci	16.9	-0.3	18	13	12	-1	73	0	0	
	393	ASSIUT (A)	270	8?	12	02	1	1	As,Ci	16.6	-0.2	20	12	14		60	0	0	
	399	NAG HAMADI	00	0	15	00	0	0	—	15.6	-0.3	19	14	12	-2	73	0	0	
	403	QENA	270	1	35	00	0	0	—	15.6	+0.1	20	13	13	-2	64	0	0	
	405	LUXOR (A)	00	0	30	02	0	0	—	15.5	+0.1	21	12	12		57	0	0	
	414	ASWAN	360	4	50	00	0	0	—	14.6	-0.5	22	13	19	+1	57	0	0	
OASES	417	SIWA	350	2	18	02	0	0	—	17.2	-1.4	14	8	10	-1	67	0	0	0
	420	BAHARIA	00	0	35	02	0	0	—	17.8	-0.1	17	11	10	-3	68	0	0	1
	423	FARAFRA	00	0	35	00	0	0	—	17.6				9			0	0	
	432	DAKHLA	00	0	50	00	0	0	—	16.6	-0.6	19	7	12	-2	46	0	0	
	435	KHARGA	360	2	15	00	0	0	—	14.7	-1.6	22	9	17?	+3	44	0	0	
RED SEA	450	SUEZ	360	4	35	00	0	2	Ac	14.9	-1.6	18	16	15	-1	88	0	10	3
	460	TOR	40	5	35	00	1	5	Ac	14.8	-0.5	22	11	14	-1	50	0	0	1
	463	HURGHADA	260	4	18	02	0	1	Ac	13.9	-1.0	21	7	16	-1	41	0	0	1
	465	QUSEIR	310	2	15	02	0	0	—	13.9	-1.1	22	13	19	-2	57	0	0	1
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA																	
	640	ABU HAMAD																	
	680	KAREIMA																	
	680	ATBARA																	
	721	KHARTOUM																	
	760	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	S. Barrani	Almaza	Alex. A.P.		El Arish	Minya	Asyout	Aswan	Sinz	Kharga	
DATE	9-11	9-11	9-11		9-11	9-11	9-11	9-11	9-11	9-11	
TIME	14	1415	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 11	360 10	350 13		10 12	350 15	330 14	350 26	180 3	20 16	
600 m.	300 9	260 9	360 9		10 11	350 10	330 14	350 34	190 2	20 20	
900 m.	260 7	10 8	360 5		350 6	350 17	340 14	360 18	190 3	20 22	
1200 m.	240 14		150 12		340 3	290 10	290 19	20 16	40 3	360 21	
1500 m.	210 16		170 4		220 7	330 26	250 26	50 18	210 9		
2400 m.	210 16				210 11	270 23	270 30		250 16		
3000 m.	220 23					280 14	250 16		200 21		
4200 m.									240 18		
5400 m.											
6000 m.											

STATION	Matruh	Alex. A.P.	P. Said	El Arish	Asyout															
DATE	10-11	10-11	10-11	10-11	10-11															
TIME	05	02	02	03	02															
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	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	350 10	180 3	30 6	140 2	40 4															
600 m.	330 3	180 2	20 5	10 5	20 11															
900 m.	210 8	320 2	20 5	10 5	350 20															
1200 m.		250 5	40 2	340 8	290 15															
1500 m.				330 7	200 16															
2400 m.				280 5																
3000 m.																				
4200 m.																				
5400 m.																				
6000 m.																				

STATION	S. Barram	Alex. A.P.	El Arish	Luxor	Bahariya	Kharga	Helwan	Farafra	Hurghada											
DATE	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11											
TIME	08	08	08	08 15	08	08	07	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	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	170 9	220 6	240 3	30 2	70 6	40 15	320 2	100 8	320 18											
600 m.	220 9	240 4	260 4	30 7	70 6	30 24	40 9	100 11	290 21											
900 m.	220 9	270 4	320 5	20 10	120 7	20 23	60 2	120 6	310 23											
1200 m.	240 9	340 6		340 13	110 11	350 19	360 2	210 7	290 30											
1500 m.	290 10	280 9		340 21	80 7	350 13	250 2	250 11	290 25											
2400 m.	320 14	230 11		320 19	20 4	350 11	280 19	260 14	200 26											
3000 m.	260 14	270 20			320 10		270 38													
4200 m.	250 29	280 25			340 18															
5400 m.		250 22			310 23															
6000 m.																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Tuesday 10th November 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

Moderate winds mainly westerly on the coast and northeasterly inland. Some low clouds in the North, with possibility of light rain near the Coast. Mild weather by day and rather cool by night.

معتدل رياح غالبا غربية على الساحل وشمالية شرقية في الداخل وقليل من السحب المنخفضة في الشمال مع احتمال مطر خفيف قرب الساحل. يستمر الجو معتدل نهارا ومنخفض ليلا.

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

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on MONDAY 9th NOVEMBER 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.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
MEDITERRANEAN	62300	SALLOUM	200	4	35	03	2	4	Cu	14.0	27	6	27
	303	SIDI BARRANI	320	9	18	02	0	3	Cu	15.1	24	11	44
	306	MATRUH (A)	10	9	18	03	2	7	Sc	15.5	24	14	54
	309	EL DAB'AA	40	5	35	01	1	3	Cu	15.5	24	14	54
	319	ALEXANDRIA	20	8	35	02	1	4	Cu	15.9	23	15	61
	318	ALEXANDRIA (A)	10	8	18	01	1	4	Cu	16.1	24	15	57
	330	DAMIETTA	20	5	35	03	1	5	Cu	15.9	23	16	65
	333	PORT SAID (A)	20	6	30	03	8	6	Cu, Sc	15.8	25	17	61
	336	EL ARISH	330	4	30	02	1	2	Cu	14.5	24	16	61
LOWER EGYPT	339	DAMANHUR	40	5	15	02	1	3	Cu	16.0	25	13	48
	342	MANSURA	40	2	35	03	2	4	Cu	15.1	26	14	48
	348	TANTA	00	0	35	03	2	5	Cu	16.0	25	15	54
	360	SHEBIN EL KOM	340	5	35	01	1	3	Cu	15.4	26	14	48
	354	ZAGAZIG	00	0	35	02	1	3	Cu	15.2	25	17	61
	441	ISMAILIA	360	2	35	03	1	3	Cu	14.8	26	14	48
CAIRO AREA	366	CAIRO (A)	360	4	18	01	2	4	Cu	15.1	27	10	35
	372	CAIRO ALMAZA (A)	50	7	30	02	1	4	Cu	14.9	26	10	57
	374	CAIRO EZBEKIYA	30	3	18	03	0	5	Cu	14.8	26	11	40
	375	GIZA	30	3	18	03	0	5	Cu	15.4	26	10	37
	378	HELWAN	340	3	35	03	1	5	Cu	15.0	25	8	34
UPPER EGYPT	381	FAYOUM	00	0	35	01	1	3	Cu, Sc	15.0	26	10	37
	387	MINYA (A)	30	8	10	02	1	0	—	14.7	27	13	42
	393	ASYOUT (A)	310	6	30	02	0	0	—	14.3	26	14	48
	392	NAG HAMADI	270	1	35	00	0	0	—	13.3	29	14	40
	403	QENA	00	0	50	00	0	0	—	13.1	32	14	34
	405	LUXOR (A)	350	2	30	02	0	0	—	12.5	31	14	36
	414	ASWAN	340	9	15	09	3	0	—	12.0	33	15	34
OASES	417	SIWA	170	2	18	02	0	1	Cu	16.4	27	8	30
	420	BAHARIYA	360	2	35	02	0	0	—	16.4	27	9	33
	425	FARAFRA	00	0	35	00	0	0	—	16.2	28	7	27
	432	DAKHLA	360	9	50	00	0	0	—	15.1	29	6	23
	435	KHARGA	00	0	15	00	0	0	—	14.0	30	8	25
RED SEA	460	SUEZ	360	4	50	03	0	3	Cu	14.2	26	12	42
	463	TOR	270	5	50	01	1	0	—	14.0	26	16	55
	462	HURGHADA											
	465	QUSEIR	20	5	15	01	0	0	—	13.4	27	14	45
	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											
	750	EL FASHER											
	770	GENEINA											
S. SUDAN	840	MALAKAL											
	980	WAU											
	941	JUBA											

At 1800 on MONDAY 9th NOVEMBER 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.	Temp. Dry Bulb	Temp. Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	40	7	15	01	0	1	Cu	15.6	22	11	27	+2	50	0
	303	SIDI BARRANI	110	3	14	02	0	0	—	15.9	19	12	26		64	0
	306	MATRUH (A)	70	4	10	01	1	4	Sc, Cu	15.9	20	15	27		73	0
	309	EL DAB'AA	70	5	7	03	0	0	—	15.8	20	12	27		60	0
	319	ALEXANDRIA	360	6	35	01	1	0	—	17.1	21	16	24	-2	74	0
	318	ALEXANDRIA (A)	20	3	12	01	1	3	Cu	17.3	19	16	24	-1	83	0
	330	DAMIETTA	20	2		00	1	0	—	16.6	21	16	24	-1	74	0
	333	PORT SAID (A)	50	10	15	01	0	1	Sc	[illegible]	22	17	26	+1	74	0.1
	336	EL ARISH	90	2	14	02	0	0	—	15.9	21	17	25		78	0
LOWER EGYPT	339	DAMANHUR	360	9	15	02	1	1	Cu	17.0	20	17	26	-1	83	0
	342	MANSURA	40	2	7	00	1	0	—	17.0	21	16	27	0	74	0
	348	TANTA	00	0	35	01	2	3	Cu	17.0	20	17	28	+1	83	0
	360	SHEBIN EL KOM	340	2	15	00	0	0	—	16.1	19	14	27		73	0
	354	ZAGAZIG	00	0	15	02	1	0	—	16.7	20	17	29	+2	83	0
	441	ISMAILIA	40	3	35	01	0	0	—	16.2	21	16	28		74	0
CAIRO AREA	366	CAIRO (A)	40	10	14	02	1	4	Sc	16.2	22	14	27		61	0
	372	CAIRO ALMAZA (A)	40	11	18	03	1	5	Sc	16.2	22	15	27	0	65	0
	374	CAIRO EZBEKIYA	40	3	10	01	1	3	Sc	16.4	21	15	27	0	69	0
	375	GIZA	40	3	10	01	1	3	Sc	[illegible]	21	15	27	+1	69	0
	378	HELWAN	340	7	15	02	1	2	Sc, Cu	17.0	22	13	26	0	57	0
UPPER EGYPT	381	FAYOUM	00	0	35	01	0	0	—	16.8	19	14	28	0	73	0
	387	MINYA (A)	40	4	8	02	0	0	—	16.3	18	12	27	-1	68	0
	393	ASYOUT (A)	00	0	12	02	0	0	—	15.7	19	11	26	-2	60	0
	392	NAG HAMADI	00	0	15	00	0	0	—	14.8	19	14	30	0	73	0
	403	QENA	270	1	7	00	0	0	—	14.7	21	12	34	+3	57	0
	405	LUXOR (A)														
	414	ASWAN	340	8	15	09	3	0	—	12.8	30	11	34	+2	31	0
OASES	417	SIWA														
	420	BAHARIYA	00	0	15	02	0	0	—	17.0	19	12	27	0	64	0
	425	FARAFRA	00	0	15	00	0	0	—	16.4	19	9	29		52	0
	432	DAKHLA	80	4	50	00	0	0	—	15.2	23	5	30	0	32	0
	435	KHARGA	360	3	15	00	0	0	—	14.0	23	1	31	+1	24	0
RED SEA	460	SUEZ	310	8	15	01	0	0	—	15.8	21	16	28	0	74	0
	463	TOR	40	5	35	02	1	0	—	14.2	20	11	28	+1	78	0
	462	HURGHADA														
	465	QUSEIR	360	5	15	02	0	0	—	13.8	24	16	27	-1	61	0
	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														
	750	EL FASHER														
	770	GENEINA														
S. SUDAN	840	MALAKAL														
	980	WAU														
	941	JUBA														

At 0600 on TUESDAY 10th NOVEMBER 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.	Temp. Dry Bulb	Temp. Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	230	5	15	00	0	0	—	17.0	-0.4	20	11	13	-2	56	[illegible]	4	
	303	SIDI BARRANI	180	8	15	02	0	0	—	17.7		18	11	14		64	0	tr	
	306	MATRUH (A)	230	3	14	01	0	0	—	17.6	+0.1	18	14	14		78	0	1	
	309	EL DAB'AA	200	4	15	01	1	2	Cu	17.1		16	14	13		88	0	4	
	319	ALEXANDRIA	00	0	35	03	0	3	Cu, As	17.8	-0.1	21	16	18	0	74	0	8	15
	318	ALEXANDRIA (A)	200	1	18	02	4	3	Cu	17.5	+0.5	24	14	13	-2	54	0	3	13
	330	DAMIETTA	200	2	0.8	12	4	0	—	17.6	+0.1	20	17	16	0	83	0	tr	16
	333	PORT SAID (A)	220	6	14	01	0	1	Cu	17.8	+1.1	24	18	21	+2	69	[illegible]	2	
	336	EL ARISH	180	3	30	03	0	1	Cu	16.8	+0.2	20	16	14		78	0	0.3	
LOWER EGYPT	339	DAMANHUR	230	5	7	02	0	0	—	17.9	+0.2	18	16	15	0	88	0	tr	8
	342	MANSURA	90	2	15	00	0	0	—	17.5	+0.[illegible]	20	15	16	+1	73	0	0	4
	348	TANTA	00	0	35	02	0	0	—	18.3	+0.5	17	15	14	+1	88	0	0	4
	360	SHEBIN EL KOM	340	2	15	00	0	0	—	17.4	-0.1	19	16	15		83	0	0	
	354	ZAGAZIG	00	0	15	02	0	0	—	17.8	+0.4	17	15	15	+2	88	0.1	0	3
	441	ISMAILIA	220	1	35	01	0	0	—	17.9		21	16	15		74	0	15	
CAIRO AREA	366	CAIRO (A)	00	0	10	02	1	1	Sc	18.4		18	15	15		83	0.4	0.4	
	372	CAIRO ALMAZA (A)	200	1	14	02	1	1	Sc	17.8	+0.7	17	15	13	-2	88	0	tr	
	374	CAIRO EZBEKIYA	330	2	6	00	0	0	—	18.0	+0.7	18	15	16	+1	83	0	tr	2
	375	GIZA	330	2	6	00	0	0	—	17.8	+0.4	17	15	14	+1	88	0	0.2	3
	378	HELWAN	00	0	1.5	10	4	0	—	18.4	+0.8	18	15	16	+1	83	0	tr	2
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	18.4	+1.2	19	16	14	0	83	0	tr	0
	387	MINYA (A)	00	0	8	02	0	0	—	17.5	+0.2	17	15	12	-1	88	0	0	
	393	ASYOUT (A)	280	1	14	02	1	1	Ci	16.9	0.0	18	10	14	0	60	0	0	
	392	NAG HAMADI	00	0	15	00	0	0	—	16.3	+0.3	18	13	13	0	73	0	0	
	403	QENA	270	1	35	00	0	0	—	16.2	+0.6	21	12	14	-1	57	0	0	
	405	LUXOR (A)	00	0	30	03	0	1	Ci	15.9	+0.4	20	11	11		56	0	0	
	414	ASWAN			50	00	0	0	—	15.4	+0.2	21	14	18	+1	65	0	0	
OASES	417	SIWA	00	0	18	03	0	3	Sc, Ac	17.1	+1.6	15	6	9	-2	55	0	0	0
	420	BAHARIYA	00	0	35	02	0	0	—	18.3	+0.3	16	8	10	-2	59	0	0	1
	425	FARAFRA	00	0	35	00	0	0	—	17.9		14	2	10		45	0	0	
	432	DAKHLA	140	4	50	00	0	0	—	16.8	-0.5	18	3	12	-1	37	0	0	
	435	KHARGA	360	2	15	00	0	0	—	15.6	-0.8	21	7	16	+2	41	0	0	
RED SEA	460	SUEZ	360	5	35	00	0	0	—	17.8	+1.3	19	14	16	0	73	0	10	3
	463	TOR	40	5	35	02	0	0	—	15.9	+0.5	19	12	14	-1	56	0	0	1
	462	HURGHADA																0	
	465	QUSEIR	310	5	15	02	0	0	—	15.1	0.0	23	15	20	-1	61	0	0	1
	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																	
	750	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	980	WAU																	
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrage	Minya	Asyout	Aswan	Farafra	Dakhla	Kharga	Dunglela	Matruh							
DATE	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11	10-11							
TIME	14	14	14	14	14	14	14	15	14							
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	40 14	340 13	300 5	350 15	80 5	60 10	10 14	340 23	10 8							
600 m.	40 5	360 16	10 14	360 24	70 10	70 10	10 18	300 14	340 4							
1000 m.	90 1	10 15	20 15	10 19	80 8	70 9	360 19	270 13	270 3							
1500 m.	200 4	360 19	340 11	30 17	280 8	60 5	350 18	330 20	210 4							
2100 m.	310 7	290 13	290 15	40 18	220 17	20 4			270 4							
2400 m.	260 5	280 15	300 16			340 6			230 5							
3000 m.	230 26	280 17	300 31			270 6			270 22							
4000 m.	260 34					200 10			250 23							
5000 m.									240 30							
6000 m.																

STATION	Alex A.P.	P.Said	Minya	Asyout							Khartoum									
DATE	11-11	11-11	11-11	11-11							11-11									
TIME	04	02	02	02							05									
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	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m.	90 10	130 1	70 15	100 8																
600 m.	90 10	80 5	100 7	130 13							70 18									
1000 m.	90 10	100 4	170 19	120 7							70 18									
1500 m.		310 3	250 10	300 4							60 15									
2100 m.			270 16	320 5																
2400 m.			260 12	290 6							10 4									
3000 m.				300 20							10 4									
4000 m.																				
5000 m.																				
6000 m.											170 15									

STATION	Matruh	Alex. A.P.	P.Said	El Arish	Ismailia	Minya	Asyout	Baharyia	Farafra	Dakhla	Kharga
DATE	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11
TIME	08	08	08	08	7 45	0830	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.	70 7	120 11	100 5	120 7	90 12	350 4	170 8	160 23	210 4	120 2	60 7
600 m.	100 18	100 10	90 8	100 4	80 5	160 11	160 11	160 27	190 23	140 13	130 13
1000 m.	90 17	130 10	180 3	210 4	60 6	160 7	170 7	180 30	200 28	140 14	120 16
1500 m.	120 10	160 9	200 5	290 4		180 13	230 4	170 41	220 27	160 15	100 6
2100 m.	180 15	210 14		320 15		210 7	210 4	180 49	220 23	180 10	110 5
2400 m.	200 27	240 21		300 16		220 9	210 7		200 23	200 8	140 9
3000 m.	210 25	250 24					220 14			190 3	150 7
4000 m.	180 16	250 22									
5000 m.											
6000 m.											

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Wednesday 11th November 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 الى ظهر غد.

Mild weather by day and rather cool by night with some variable clouds, scattered showers and moderate easterly winds. In Upper Egypt slight rise in temperature with light northerly winds and some high clouds.

Printed by the Survey of Egypt 1953 (52/334)

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on TUESDAY 10th NOVEMBER 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.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
MEDITERRANEAN	62300	SALLOÛM	70	5	35	01	0	2	—	16.0	23	10	44	—
	303	SÎDI BARRÂNI	350	6	18	03	0	4	Cu, AC	16.6	23	12	50	0
	306	MATRÛH (A)	20	7	18	02	1	3	Cu	17.2	24	17	65	0
	309	EL DAB'AA	360	6	35	01	1	1	Cu	16.8	25	12	45	0
	319	ALEXANDRIA	310	11	35	02	0	3	Cu	17.5	23	16	65	0
	318	ALEXANDRIA (A)	320	10	18	02	1	3	Cu, AS	17.3	24	16	61	0
	330	DAMIETTA	340	5	35	03	0	4	Cu	17.1	23	15	61	0
	333	PORT SAÎD (A)	10	4	30	03	0	4	Cu, Sc	17.3	25	16	58	0
	336	EL 'ARISH	340	4	30	01	1	2	Sc	16.3	24	17	65	
LOWER EGYPT	339	DAMANHÛR	40	9	15	02	1	2	Cu	17.1	25	15	54	0
	342	MANŞÛRA	320	5	35	01	1	3	Cu	17.0	26	12	42	0
	348	ṬANṬA	270	2	35	03	2	4	Cu	17.1	24	16	61	0
	360	SHEBÎN EL KÔM	340	5	35	01	1	2	Cu	16.4	26	13	45	0
	354	ZAGAZIG	00	0	35	02	1	3	Cu	16.6	26	14	48	0
	441	ISMA'ILIA	110	1	35	03	1	5	Cu	16.6	27	16	52	0
CAIRO AREA	366	CAIRO (A)	360	9	18	02	1	3	Sc	16.4	26	11	40	0
	372	CAIRO ALMAZA (A)	360	8	30	02	1	2	Cu	16.8	26	13	45	0
	374	CAIRO EZBEKÎYA	40	3	18	03	c	4	Sc, Cu	16.8	27	12	40	0
	375	GIZA	40	3	18	03	0	4	Sc, Cu	16.7	27	12	40	0
	378	HELWÂN	320	3	35	03	1	1	Cu, Ci	15.9	25	11	42	0
UPPER EGYPT	381	FAYOÛM	360	4	35	02	0	0	—	16.0	27	13	42	0
	387	MINYA (A)	20	5	10	03	0	1	Ci	15.1	28	12	37	0
	393	ASYOÛṬ (A)	340	5	18	03	1	2	Ci	15.0	29	13	37	0
	399	NAG HAMÂDI	00	0	35	00	0	0	—	14.0	31	17	43	
	402	QENA	270	9	50	00	0	0	—	14.2	32	16	38	0
	405	LUXOR (A)	360	3	30	03	1	3	Cs	13.8	31	14	36	0
	414	ASWÂN	20	6	50	01	1	2	Ci	11.9	33	13	30	0
OASES	417	SÎWA	150	7	18	03	0	1	Ac, As	15.8	28	6	25	0
	420	BAHARÎYA	00	0	35	02	0	0	—	16.7	27	11	37	0
	423	FARAFRA	70	2	35	00	0	0	—	16.2	28	7	27	0
	432	DAKHLA	80	4	50	01	1	3	Ci	13.8	32	6	20	0
	435	KHARGA	360	4	15	01	1	2	Ac	13.8	31	3	17	0
RED SEA	450	SUEZ	40		50	03	0	2	Cu	15.8	26	10	37	0
	459	TÛR	310	9	50	01	0	2	Ci	14.6	26	14	48	0
	462	HURGHÂDA	340	8	30	03	0	2	Ac, Ci	14.1	25	15	54	0
	465	QUSEIR	20	5	15	03	1	2		13.5	27	17	55	0
	641	PORT SUDAN	70	8	30	01	0	1	Cu			28		
NORTH SUDAN	800	WADI HALFA	50	6	30	03	0	1	Cu	1.6	37	21	40	
	640	ABU HAMAD												
	660	KAREIMA	90	5	30	03	0	1	Cu	4.1	39	9	16	
	680	ATBARA	70	1	30	03	0	1	Cu	4.3	37	12	22	
	721	KHARTOÛM												
	780	KASSALA	230	5	35	01	1	3	Ac	2.9	38	15	25	
CENTRAL SUDAN	751	WÂD MEDANI												
	801	RENK	40	2	30	01	1	6	AC				10	
	802	ROSEIRES	320	2	30	01	0	1			34	11	23	
	771	EL OBEID												
	760	EL FASHER												
	770	GENEINA												
S. SUDAN	840	MALAKÂL	310	9	10	04	1	6	Cb	6.9	34	19	41	
	880	WÂU												
	941	JUBA												

At 1800 on TUESDAY 10th NOVEMBER 1953

INDEX NUMBER	WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8 *	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Dew Point	TEMPERATURES °C MAXIMUM Today	TEMPERATURES °C MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs. mms.
62300	20	7	15	03	1	3	Cb	16.0	21	14	25	0	65	—
303	60	11	14	62	0	3	Sc	16.2	21	14	27		65	0
306	40	10	11	02	0	0	—	17.3	20	16	26		78	0
309	40	5	7	00	0	0	—	17.6	20	15	26		73	0
319	360	4	35	01	0	0	—	17.6	21	14	24	-2	65	0
318	10	5	12	01	1	1	—	17.6	21	15	26	+1	69	0
330	200	2		00	1	0	—	17.4	19	16	25	+1	83	0
333	40	2	30	01	0	1	Cu	18.0	21	16	26	+1	74	0
336														
339	360	9	15	02	0	0	—	17.9	19	15	26	-1	78	0
342	40	2	7	00	1	0	—	18.2	20	15	27	0	73	0
348	00	0	35	02	0	0	—	18.2	18	16	28	+1	88	0
360	320	2	15	00	0	0	—	17.4	19	16	28		83	0
354	00	0	15	02	1	0	—	17.9	20	17	28	+1	83	0
441	40	2	35	01	0	0	—	17.4	26	20	29		70	0
366	70	9	12	02	0	0	—	17.4	21	14	28		65	0
372	20	8	12	00	0	0	—	17.6	21	13	27	0	61	0
374	30	3	10	00	1	0	—	17.8	21	13	28	+1	61	0
375	30	3	10	00	1	0	—	17.6	20	13	28	+2	64	0
378	340	6	7	01	1	0	—	18.0	21	12	26	0	57	0
381	00	0	35	02	0	0	—	16.7	21	12	29	+1	57	0
387	30	4	8	02	1	0	—	16.7	19	15	28	0	78	0
393	270	4	8	00	1	0	—	16.7	20	13	29	+1	64	0
399														
402	270	1	50	03	1	3		15.6	23	15	34	+3	61	0
405	00	0	12	01	1	1	Ci	13.9	23	13	31		53	0
414	360	4	50	00	0	0	—	13.0	30	11	34	+2	31	0
417	30	4	10	01	1	3	Sc, Ac	15.6	23	6	28	0	34	0
420	00	0	15	02	0	0	—	17.2	19	8	29	+2	49	0
423	00	0	15	00	0	0	—	16.8	20	8	30		46	0
432	160	4	15	00	0	0	—	15.5	23	5	34	+5	32	0
435	00	0	15	00	1	0	—	14.2	26	0	31	+1	18	0
450	310	4	15	01	0	0	—	17.8	20	13	27	0	64	0
459	40	2	35	02	0	0	—	15.8	21	12	28	+1	57	0
462	250	2	8	01	0	1	Ac	15.1	22	9	26	0	44	0
465	330	5	15	03	1	3	Ac	14.5	25	15	27	-1	54	0
641														
800														
640														
660														
680														
721														
780											39			
751														
801														
802														
771														
760											36			
770														
840											36			
880														
941														

RETARDS DATE

At 0600 on WEDNESDAY 11th NOVEMBER 1953

INDEX NUMBER	WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	VISIBILITY IN Km. (or m.)	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT 0-8 *	CLOUD FORMS	BAR. PRESSURE M.S.L. mb.	BAR. PRESSURE Diff. from normal mb.	TEMPERATURES °C Dry Bulb	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
62300	360	13	35	03	2	8	As	17.7	-0.2	18	15	16	-5	83	dr	9	
303	140	6	14	02	8	7	Ac, As	16.8		18	15	12		83	dr	dr	
306	140	10	14	01	6	5	Cu	17.0	-0.5	18	16	14		88	0.3	3	
309	160	5	15	03	2	6	Cu, Sc	17.4		17	13	14		77	0	4	
319	00	0	7	50	5	6	Cb	17.6	-0.4	18	16	17	0	88	dr	8	17
318	270	6	12	80	8	7	Cu, Sc	18.9	+1.9	17	15	11	-4	88	dr	3	14
330	220	2	1.5	10	0	2	Ac	18.3	+1.7	19	17	15	-1	88	0	dr	11
333	180	5	12	03	-0	1	Sc, Ac	18.5	+1.8	22	16	18	-1	69	0	2	
336	170	3	30	02	0	0	—	18.0	+1.3	18	16	16		88	0	dr	
339	130	9	7	02	1	2	Cu	18.0	+0.2	17	15	15	+1	88	0	dr	8
342	40	2	15	03	2	4	Ac	17.6	+2.7	17	15	14	-1	88	0	0	5
348	00	0	35	03	2	6	Cu	17.6	-0.2	15	15	12	-1	97	0	0	4
360	340	2	15	01	1	2	Cu	17.5	0.0	17	15	14		83	0	0	
354	00	0	15	02	0	0	—	18.3	+0.9	19	16	13	0	83	0	0	3
441	40	1	35	01	0	0	—	18.0		19	14	14		73	0	15	
366	70	6	16	03	0	2	Ac	17.5		20	12	16		60	0	0.4	
372	40	6	6	1.5	0	2	Ac	17.5	+0.4	20	13	16	+1	64	0	dr	
374	00	0	8	02	1	3	Sc, Ac	17.6	+0.3	19	13	16	+1	68	0	dr	3
375	00	0	8	02	1	3	Sc, Ac	17.5	0.0	18	14	13	0	78	0	0.2	4
378	40	10	15	01	1	1	Ac, As	17.5	-0.2	21	10	18	+3	50	0	dr	2
381	00	0	35	01	1	3	Sc	17.6	+0.4	19	14	15	+1	73	0	dr	0
387	140	3	8	02	1	2	Ac	17.5	+0.2	19	12	12	-1	68	0	0	
393	00	0	18	02	0	0	—	16.6	-0.4	19	11	14	0	63	0	0	
399	00	0	15	00	0	0	—	16.7	+0.7	19	14	13	0	73	0	0	
402	270	1	35	00	0	0	—	16.8	+1.1	22	11	14	0	50	0	0	
405	00	0	30	02	0	1	Cc	16.0	+0.4	21	12	13		57	0	0	
414	00	0	50	01	1	3	Ac	16.2	+0.9	23	12	19	+2	50	0	0	
417	90	4	18	02	0	0	—	15.4	3.3	15	9	14	+3	68	0	0	0
420	20	1	35	02	1	3	Cu	17.0	-1.1	19	12	14	+2	64	0	0	1
423	00	0	35	00	0	0		16.8		17	1	10		34	0	0	
432	00	0	50	00	0	0	—	16.6	-0.8	17	1	10	-3	34	0	0	
435	00	0	15	00	0	0	—	15.2	-1.3	20	8	14	0	46	0	0	
450	360	3	35	00	0	0	—	17.4	+0.9	18	15	15	-1	83	0	10	3
459	60	2	50	02	0	0		16.8	+1.4	20	8	13	2	46	0	0	2
462	260	3	30	02	0	1	Cu	14.4	+1.4	21	6	15	-1	38	0	0	
465	330	5	15	02	0	2	As	15.8	+0.6	24	12	22	+2	47	0	0	1
641																	
800	360	6	30	02	0	0	—	13.0		25	10						
640																	
660																	
680																	
721																	
780																	
751																	
801																	
802																	
771																	
760	90	4	30	02	0	0	—	8.8		31	12	22					
770																	
840																	
880	00	0	30	03	2	7	As, Cs	8.1		26	22						
941																	

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barrani	Alex A.P.	P. Said	El Arish	Minya	Asyout	Aswan	Kharga	Dakhla	Kharga	Hurghada
DATE	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11	11-11
TIME	14	14	14	14	14	14	14	14	14	14	14
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m	10 7	70 10	80 15	80 9	240 10	40 2	90 10	270 19	280 5	90 7	150 3
600 m	20 9	80 12	80 14	120 9	210 16	140 7	80 10	270 22	250 6	110 9	140 5
1000 m	20 13	90 7	80 9	150 4	330 16	170 4	80 10	200 20	230 3	120 12	30 4
1500 m	40 10	170 12	10 9	10 7	100 4	210 3	70 12	240 23	250 4	130 15	20 13
2100 m	140 3	200 15	10 6	280 12	260 6	240 5	60 19	230 27	170 5	110 7	340 8
2400 m	250 5	230 25	130 4	280 17	120 14	250 8	50 14	220 23	170 5		310 9
3000 m	280 10	220 23	210 7			260 9			200 4		270 19
4000 m			200 16						290 11		250 21
5000 m											240 27
6000 m											

STATION	Matruh	P. Said	El Arish	Almaza	Minya	Asyout
DATE	12-11	12-11	12-11	12-11	12-11	12-11
TIME	05	04	03	03	02	02
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
300 m	10 9	50 18	130 9	230 10	320 14	310 15
600 m	350 8	60 19	140 9	270 14	300 12	320 13
1000 m	350 12	70 16	180 12	230 20	280 14	300 10
1500 m	330 16		160 11	240 21	260 25	250 14
2100 m	320 11				230 21	210 17
2400 m	330 10					230 14
3000 m						240 21
4000 m						
5000 m						
6000 m						

STATION	S. Barrani	Matruh	Minya	Asyout	Siwa	Bahariya	Kharga	Dakhla	Kharga	Hurghada	Helwan
DATE	12-11	12-11	12-11	12-11	12-11	12-11	12-11	12-11	12-11	12-11	12-11
TIME	08	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
300 m	350 9	360 11	300 3	300 7	360 14	10 12	360 14	310 19	10 10	330 15	320 6
600 m	350 9	360 12	290 10	310 8	360 17	360 14	20 17	310 22	360 20	20 3	210 6
1000 m	340 11	360 9	280 11	300 9	20 13	360 17	20 21	310 22	340 20	80 4	260 10
1500 m	340 10	360 12	210 15	260 12	340 17		340 10	310 24	320 12	350 10	
2100 m	350 12	340 25	200 29	220 14	350 24		350 15		320 5	350 15	
2400 m	340 14	340 14	210 30		340 20				330 8	330 10	
3000 m	320 17		220 30		340 18					300 14	
4000 m											
5000 m											
6000 m											

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	11-11																			
TIME	15																			
	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	70	27		90	17															
1000 mb.	132	26		90	17															
950 mb.																				
900 mb.																				
850 mb.	1536	16		180	12															
800 mb.																				
700 mb.	3145	3		240	30															
600 mb.																				
500 mb.	5757	-18		250	41															
400 mb.	7397	-36		250	60															
300 mb.	9412	-40		250	76															
200 mb.	12100	-54																		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Thursday 12th November 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.	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

Moderate northerly winds, with low clouds increasing near the Coast and light scattered rain. Further decrease in temperature.

In Upper Egypt clear weather with light winds and slight decrease in temperature tomorrow.

Printed by the Survey of Egypt 1952 (52/984)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 17 U.T. / Sunset 15 61 U.T.

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

At 1200 on WEDNESDAY 11th NOVEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (code)	Present Weather ww	Past Weather W	Cloud Amount O-8	Cloud Forms	Bar Pressure M.S.L. mb.	Temperatures Dry Bulb	Temperatures Dew Point	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	290	7	15	01	0	1	Ac	16.4	20	11	56	0
	303	SIDI BARRANI	360	8	14	02	0	0	—	16.5	20	12	60	0
	305	MATRUH (A)	290	11	12	02	0	2	Ac	15.9	20	18	88	0
	309	EL DABAA	20	9	15	01	0	0	—	14.6	21	16	74	0
	319	ALEXANDRIA	40	3	35	03	5	6	Cu, Sc, Ac	15.2	25	13	48	0
	316	ALEXANDRIA (A)	40	6	35	03	5	6	Cu, Sc, Ac	15.2	25	13	48	0
	330	DAMIETTA	80	8	18	02	5	6	Cu	14.6	25	13	48	0
	328	PORT SAID (A)	60	10	12	02	0	0	—	14.3	20	16	26	+1	78	0.4
	326	EL ARISH	110	5		01	1	3	Cu	15.1	21	16	24	0	74	0
			00	0	12	01	2	5	Ac	14.8	19	15	26		78	0
LOWER EGYPT	999	DAMIANHUR	130	9	15	02	1	1	Cu	14.8	20	16	24	-3	78	dr
	342	MANSURA	40	5	7	03	2	4	Ac	14.4	20	15	26	-1	73	0
	348	TANTA	130	5	17	01	6	4	Cu	14.2	17	17	27	0	88	dr
	360	SHEBIN EL KOM	340	2	15	01	1	2	Cu	14.8	19	16	27		83	0
	354	ZAGAZIG	00	0	15	02	1	0	—	14.6	20	15	27	0	73	0
	341	ISMAILIA	10	2	35	03	1	7	As	14.4	21	14	28		65	0
CAIRO AREA	386	CAIRO (A)	70	10	18	03	2	6	Ac, Cu	15.3	28	7	27	120	13	12	03	1	4	Cu	14.4	23	8	29		38	0
	372	CAIRO ALMAZA (A)	70	8	32	01	1	4	Ac, Cs	14.9	29	12	35	110	17	19	03	5	3	Ac	13.7	24	9	29	+2	38	dr
	374	CAIRO EZBEKIYA	50	4	18	03	1	5	Cu, Sc, Ac	15.1	29	80	31	90	3	8	01	5	4	Cu, Sc, Ac	14.0	24	9	29	+2	38	dr
	375	GIZA	50	4	18	03	1	5	Cu, Sc, Ac	15.5	28	12	37	90	3	8	01	5	4	Cu, Sc, Ac	13.6	23	7	29	+3	41	dr
	372	HELWAN	270	3	15	03	2	7	Ac	14.6	29	6	23	70	15	7	02	5	6	Ac, As	13.7	25	2	30	+4	22	dr
UPPER EGYPT	381	FAYOUM	00	0	35	03	2	6	Sc	14.3	28	13	40	00	0	35	01	1	4	Sc	14.0	21	14	30	+2	65	0
	387	MINIA (A)	170	3	10	02	0	0	—	14.3	31	12	31	50	2	8	01	1	0	—	13.7	20	13	31	+3	64	0
	393	ASYOUT (A)			18	02	0	0	—	13.7	30	8	25	40	6	10	02	0	1		13.7	24	8	31	+3	36	0
	395	NAG HAMADI	00	0	35	00	0	0	—	13.3	32	18	43	00	0	15	00	0	0	—	13.6	21	14	34	+4	65	0
	402	QENA	270	1	50	00	0	0	—	13.5	34	15	32	00	0	7	00	0	0	—	13.4	22	13	36	+5	57	0
	403	LUXOR (A)	340	8	30	02	0	0	—	12.7	33	14	32	90	8	12	02	0	0	—	13.3	26	8	34		32	0
	414	ASWAN	110	6	50	00	0	0	—	11.4	35	14	29	360	4	50	00	0	0	—	11.9	33	10			24	0
RED SEA COAST	417	SIWA	270	6	18	02	0	0	—	13.5	23	6	34														
	420	SAFAGA	130	2	15	02	2	3	Ac	12.7	31	7	22	00	0	15	01	1	0	—	14.7	21	4	32	+5	33	0
	423	FARAFRA	240	3	35	00	0	0	—	13.5	33	0	12	00	0	35	00	0	0	—	15.0	24	3	33		26	0
	438	DAKHLA	140	9	50	00	0	0	—	13.1	34	-2	10	00	0	15	00	0	0	—	13.5	26	0	35	+6	18	0
	405	KHARGA	00	0	15	00	0	0	—	12.8	36	4	13	00	0	15	00	0	0	—	13.4	24	3	37	+7	26	0
RED SEA	462	SUEZ	360	5	50	03	0	2	Cu	15.0	27	9	33														
	459	TOR	270	5	50	02	0	0	—	14.3	28	20	62	40	5	35	02	0	0	—	13.6	22	17	28	+1	74	0
	452	HURGHADA	00	0	30	02	0	0	—	13.9	26	18	62	00	0	10	02	0	0	—	13.5	24	17	27	+1	65	0
	465	QUSSIR	20	9	15	01	1	0	—	13.4	27	17	55	360	5	15	02	0	0	—	13.1	25	19	27	-1	70	0
	641	PORT SUDAN																									
NORTH SUDAN	600	WADI HALFA																									
	640	ABU HAMAD																									
	680	KAREIMA																									
	680	ATBARA																									
	721	KHARTOUM																									
	780	KASSALA																									
CENTRAL SUDAN	751	WAD MEDANI																									
	801	RENK																									
	802	ROSEIRES																									
	771	EL OBEID																									
	780	EL FASHER																									
	770	GENEINA																									
S. SUDAN	840	MALAKAL																									
	880	WAU																									
	841	JUBA																									

REMARKS

DATE

At 1800 on WEDNESDAY 11th NOVEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (code)	Present Weather ww	Past Weather W	Cloud Amount O-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.
MEDITERRANEAN	62300	SALLOUM	320	9	15	01	1	3	Ac	19.2	+1.8	18	10	15	0	60	0
	303	SIDI BARRANI	00	0	15	25	1	4	Cb, Ac, As	18.7		17	16	16		94	1
	305	MATRUH (A)	290	11	18	25	5	7	Cb	18.6	+1.1	19	17	17		82	dr
	309	EL DABAA	20	9	15	01	1	3	Cu	16.8		21	14	16		65	0
	319	ALEXANDRIA	40	3	35	03	1	4	Cu	16.4	-1.6	22	13	21	+4	57	dr
	316	ALEXANDRIA (A)	20	11	18	01	1	4	Cu, Sc	16.5	-0.5	22	15	18	+3	65	0.4
	330	DAMIETTA	340	6	15	01	1	1	Cu	15.5	-1.1	22	17	18	+2	74	0
	328	PORT SAID (A)	80	18	14	02	1	5	Sc	15.2	-1.6	23	13	22	+3	74	0
	326	EL ARISH	170	2	30	02	0	1	Cu, Sc	15.0	-1.0	20	11	14		56	0
LOWER EGYPT	999	DAMIANHUR	40	5	7	02	1	1	Cu	16.2	-1.6	20	17	17	+3	83	dr
	342	MANSURA	20	5	15	00	0	0	—	16.9	-1.0	21	14	17	+2	65	0
	348	TANTA	20	1	35	02	0	0	—	16.2	-1.6	20	17	14	+1	83	dr
	360	SHEBIN EL KOM	340	2	15	01	1	2	Cu	15.2	-2.4	18	16	13		88	0
	354	ZAGAZIG	00	0	15	02	1	5	Cu	15.4	-2.0	16	14	14	+1	88	0
	341	ISMAILIA	220	2	35	01	0	0	—	15.4		19	12	15		64	0
CAIRO AREA	386	CAIRO (A)	270	7	09	47	4	0		15.5		14	14	13		97	0
	372	CAIRO ALMAZA (A)	270	6	13	28	4	1		15.9	-1.3	15	14	14	-1	94	dr
	374	CAIRO EZBEKIYA	00	0	0.2	45	4	2		16.0	-1.4	14	13	14	0	94	dr
	375	GIZA	00	0	0.2	45	4	9		15.9	-1.6	14	14	11	-2	97	dr
	372	HELWAN	270	6	7	10	0	1	Ci	16.6	-1.1	16	8	15	0	59	dr
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	16.6	-0.7	18	8	14	0	52	0
	387	MINIA (A)	160	2	8	02	0	0	—	16.4	-1.0	18	12	11	-2	68	0
	393	ASYOUT (A)	270	4	10	03	0	1	Ci	15.8	-1.3	20	0	16	+2	26	0
	395	NAG HAMADI	00	0	15	00	0	0	—	15.5	-0.6	19	12	13	0	64	0
	402	QENA	270	1	35	00	0	0	—	15.5	+0.3	22	9	13	-1	44	0
	403	LUXOR (A)	100	6	30	02	0	0	—	15.3	-0.4	22	5	13		33	0
	414	ASWAN	00	0	50	01	1	2	Ci	14.7	-0.7	24	12	19	+2	47	0
RED SEA COAST	417	SIWA	310	4	18	03	0	2	As, Ac, Ci	20.1	+1.3	16	12	15	+4	77	0
	420	SAFAGA	320	1	35	02	2	3		17.9	-0.2	17	13	12	0	77	0
	423	FARAFRA	260	8	35	00	0	0	—	18.0		17	9	12		60	0
	438	DAKHLA	270	9	50	00	0	0	—	17.2	-0.3	18	3	14	+1	37	0
	405	KHARGA															
RED SEA	462	SUEZ	40	4	35	00	0	0	—	14.4	-2.2	21	14	18	+2	65	0
	459	TOR	40	5	50	02	0	0	—	14.2	-1.5	20	8	15	0	46	0
	452	HURGHADA	240	1	30	01	0	0	—	14.2	-0.8	23	3	14	-2	27	0
	465	QUSSIR	310	5	15	02	0	0	—	14.0	-1.3	25	8	21	+1	34	0
	641	PORT SUDAN															
NORTH SUDAN	600	WADI HALFA															
	640	ABU HAMAD															
	680	KAREIMA															
	680	ATBARA															
	721	KHARTOUM															
	780	KASSALA															
CENTRAL SUDAN	751	WAD MEDANI															
	801	RENK															
	802	ROSEIRES															
	771	EL OBEID															
	780	EL FASHER															
	770	GENEINA															
S. SUDAN	840	MALAKAL															
	880	WAU															
	841	JUBA															

At 0600 on THURSDAY 12th NOVEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (code)	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 Dry Bulb	Temperatures Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM	320	9	15	01	1	3	Ac	19.2	+1.8	18	10	15	0	60	0	4	
	303	SIDI BARRANI	00	0	15	25	1	4	Cb, Ac, As	18.7		17	16	16		94	1	1	
	305	MATRUH (A)	290	11	18	25	5	7	Cb	18.6	+1.1	19	17	17		82	dr	2	
	309	EL DABAA	20	9	15	01	1	3	Cu	16.8		21	14	16		65	0	4	
	319	ALEXANDRIA	40	3	35	03	1	4	Cu	16.4	-1.6	22	13	21	+4	57	dr	8	13
	316	ALEXANDRIA (A)	20	11	18	01	1	4	Cu, Sc	16.5	-0.5	22	15	18	+3	65	0.4	2	15
	330	DAMIETTA	340	6	15	01	1	1	Cu	15.5	-1.1	22	17	18	+2	74	0	dr	11
	328	PORT SAID (A)	80	18	14	02	1	5	Sc	15.2	-1.6	23	13	22	+3	74	0	2	
	326	EL ARISH	170	2	30	02	0	1	Cu, Sc	15.0	-1.0	20	11	14		56	0	dr	
LOWER EGYPT	999	DAMIANHUR	40	5	7	02	1	1	Cu	16.2	-1.6	20	17	17	+3	83	dr	dr	8
	342	MANSURA	20	5	15	00	0	0	—	16.9	-1.0	21	14	17	+2	65	0	0	5
	348	TANTA	20	1	35	02	0	0	—	16.2	-1.6	20	17	14	+1	83	dr	dr	5
	360	SHEBIN EL KOM	340	2	15	01	1	2	Cu	15.2	-2.4	18	16	13		88	0	0	
	354	ZAGAZIG	00	0	15	02	1	5	Cu	15.4	-2.0	16	14	14	+1	88	0	0	3
	341	ISMAILIA	220	2	35	01	0	0	—	15.4		19	12	15		64	0	15	
CAIRO AREA	386	CAIRO (A)	270	7	09	47	4	0		15.5		14	14	13		97	0	0.4	
	372	CAIRO ALMAZA (A)	270	6	13	28	4	1		15.9	-1.3	15	14	14	-1	94	dr	dr	
	374	CAIRO EZBEKIYA	00	0	0.2	45	4	2		16.0	-1.4	14	13	14	0	94	dr	dr	2
	375	GIZA	00	0	0.2	45	4	9		15.9	-1.6	14	14	11	-2	97	dr	0.2	4
	372	HELWAN	270	6	7	10	0	1	Ci	16.6	-1.1	16	8	15	0	59	dr	dr	2
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	16.6	-0.7	18	8	14	0	52	0	dr	0
	387	MINIA (A)	160	2	8	02	0	0	—	16.4	-1.0	18	12	11	-2	68	0	0	
	393	ASYOUT (A)	270	4	10	03	0	1	Ci	15.8	-1.3	20	0	16	+2	26	0	0	
	395	NAG HAMADI	00	0	15	00	0	0	—	15.5	-0.6	19	12	13	0	64	0	0	
	402	QENA	270	1	35	00	0	0	—	15.5	+0.3	22	9	13	-1	44	0	0	
	403	LUXOR (A)	100	6	30	02	0	0	—	15.3	-0.4	22	5	13		33	0	0	
	414	ASWAN	00	0	50	01	1	2	Ci	14.7	-0.7	24	12	19	+2	47	0	0	
RED SEA COAST	417	SIWA	310	4	18	03	0	2	As, Ac, Ci	20.1	+1.3	16	12	15	+4	77	0	0	0
	420	SAFAGA	320	1	35	02	2	3		17.9	-0.2	17	13	12	0	77	0	0	1
	423	FARAFRA	260	8	35	00	0	0	—	18.0		17	9	12		60	0	0	
	438	DAKHLA	270	9	50	00	0	0	—	17.2	-0.3	18	3	14	+1	37	0	0	
	405	KHARGA																0	
RED SEA	462	SUEZ	40	4	35	00	0	0	—	14.4	-2.2	21	14	18	+2	65	0	10	3
	459	TOR	40	5	50	02	0	0	—	14.2	-1.5	20	8	15	0	46	0	0	2
	452	HURGHADA	240	1	30	01	0	0	—	14.2	-0.8	23	3	14	-2	27	0	0	
	465	QUSSIR	310	5	15	02	0	0	—	14.0	-1.3	25	8	21	+1	34	0	0	1
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA																	
	640	ABU HAMAD																	
	680	KAREIMA																	
	680	ATBARA																	
	721	KHARTOUM																	
	780	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	841	JUBA																	

⊟ = Sky obscured by fog etc.

(A) = AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. Barani		Matruh		Alex. A.P.		El Arish		Almaza		Asyout		Aswan		Farafra		Dakhla		Kharga		Harghada	
DATE	12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11		12-11	
TIME	14		14		14		14		14	15	14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	12	330	10	340	10	360	14	360	12	300	14	340	5	360	14	330	24	10	10	160	3
600 m.	320	16	340	10	340	11	10	14	360	21	290	9	330	5	360	16	330	22	20	15	160	7
1000 m.	320	14	330	10	340	12	80	9	10	16	270	15	340	8	360	29	330	21	20	18	310	5
1500 m.	310	17	320	11	320	10	250	25	10	9	280	18	350	6	360	14	340	28	20	12	270	12
2100 m.	320	14	310	13	290	10	210	27			260	23	350	8	360	17					270	16
2400 m.	310	17	310	15	290	10	230	28			230	18			340	22					260	16
3000 m.	300	19			300	13															250	17
4000 m.																					270	35
5000 m.																						
6000 m.																						

STATION	Matruh		P. Said		El Arish		Minya															
DATE	13-11		13-11		13-11		13-11															
TIME	5		4		3		2															
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	330	12	300	9	330	4	360	6														
600 m.	340	15	320	7	320	5	360	7														
1000 m.	340	15	320	12	340	6	350	5														
1500 m.	340	17	320	7	360	11	350	7														
2100 m.	310	13																				
2400 m.	300	14																				
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION			Alex. A.P.		P. Said		El Arish		Luxor		Baharia		Farafra		Dakhla							
DATE			13-11		13-11		13-11		13-11		13-11		13-11		13-11							
TIME			8		8		8		8		8		8		8							
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.			300	4			250	2	330	4	10	11	20	10	350	11						
600 m.			320	6	290	13	280	4	330	3	10	15	20	19	20	12						
1000 m.			320	5	300	14	290	4	320	5	10	28	20	23	10	23						
1500 m.					300	14	330	6	320	5	10	18	20	17								
2100 m.							310	9			270	3	20	15								
2400 m.							260	9			360	15	350	15								
3000 m.											10	16	310	15								
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																			
DATE	12-11-53																			
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	70	23		10	20															
000 mb	157	22		10	20															
950 mb.																				
900 mb																				
850 mb.	1542	10		350	12															
800 mb.																				
700 mb.	3134	3		290	14															
600 mb.																				
500 mb.	5777	-14		270	33															
400 mb.	7443	-24		280	62															
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 13th NOVEMBER 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. التغيرات المنظرة في حالة الطقس من ظهر اليوم الى ظهر غد

Slight decrease in temperature. Low clouds over تهبط درجة الحرارة قليلا وتسود غائم ويستمر ظهور السحب

Lower Egypt and Cairo area occasionally increasing to broken in the منخفضة في الوجه البحري والقاهرة وتتكاثر احيانا

daytime mainly coastal areas. Northerly moderate to fresh winds. نهارا خاصة قرب الساحل والرياح شمالية معتدلة

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

F.G.

SYNOPTIC SURFACE OBSERVATIONS

CAIRO {Time of Sunrise ... U.T. / Sunset ... U.T.

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

At 1200 on THURSDAY 12th

Area	Index No.	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	[illegible]	SALLOUM	40	7	35	03		4	Cb, Ci	19.4	22	11	50
	303	SIDI BARRĀNI	320	8	18	25	1	3	Cs	19.3	22	12	53
	306	MATRŪH (A)	340	9	18	02	1	4	Cu	19.2	22	13	57
	308	EL DABAA	360	6	35	01	1	3	Cu	17.8	22	13	57
	319	ALEXANDRIA	350	16	35	02	3	4	Cu	17.4	23	15	61
	318	ALEXANDRIA (A)	340	12	18	02	1	2	Cu	17.6	23	14	57
	330	DAMIETTA	340	9	15	03	1	6	Cu	16.4	23	15	61
	333	PORT SAʿID (A)	10	18	30	02	1	2	Cu, Sc	15.9	23	18	74
	336	EL ARISH	340	4	30	01	0	1	Sc, Cu	15.6	25	16	58
Lower Egypt	335	DAMANHŪR	40	9	15	02	1	4	Cu	16.8	23	15	61
	342	MANSŪRA	40	5	35	01	1	3	Cu	16.2	25	15	54
	348	TANTA	360	8	35	03	2	6	Cu	16.0	24	16	61
	360	SHEBĪN EL KŌM	340	9	35	01	1	3	Cu	16.1	26	14	48
	384	ZAGAZIG	40	1	35	01	1	2	Cu	15.2	26	16	55
	440	ISMAILIA	20	3	35	03	1	6	Cu	14.6	26	14	48
Cairo Area	366	CAIRO (A)	360	3	14	01	2	4	Sc	14.9	26	16	55
	372	CAIRO ALMĀZA (A)	20	8	18	03	2	4	Cu	15.1	25	14	51
	374	CAIRO-EZBEKĪYA	30	4	18	03	4	4	Sc, Cu	15.4	26	14	48
	375	GIZA	30	4	18	03	4	4	Sc, Cu	15.2	27	15	48
	378	HELWĀN	00	0	3	05	4	3	Cu	15.2	25	8	34
Upper Egypt	381	FAYOUM	360	4	35	01	1	2	Cu, Sc	15.1	26	14	48
	387	MINYA (A)											
	393	ASYOUT (A)	300	15	18	02	1	1	Ci	15.5	26	14	48
	390	NAG HAMADI	270	1	35	01	0	5	Ac, Cs	13.9	31	10	28
	402	QENA	270	1	50	03	1	3		13.5	34	15	32
	405	LUXOR (A)	290	3	30	03	0	1	Ci	12.9	33	17	38
	414	ASWĀN	340	6	50	03	2	4	Ci	11.9	34	12	27
Oases	417	SĪWA	350	8	18	02	1	4	Cu	19.5	25	10	39
	420	BAHARĪYA	40	2	35	02	1	4	Ac	16.8	26	14	48
	423	FARAFRA	360	12	35	03	1	5	Sc	17.9	26	12	42
	432	DAKHLA	340	15	50	01	1	3	Ci	15.6	27	2	20
	435	KHARGA	360	2	15	02	2	3	Ci	14.3	32	6	20
Red Sea	450	SUEZ	310	9	50	01	0	2	Cu	14.0	28	14	42
	459	TŌR	180	5	50	01	1	2	Ci	13.6	31	10	28
	463	HURGHĀDA	00	0	30	02	0	1		13.1	29	19	55
	465	QUSEIR	20	5	15	02	0	0	—	13.1	28	20	62
	641	PORT SUDAN	90	13	30	01	1	4	Cu	11.3	33	23	56
North Sudan	600	WADI HALFA	360	8	30	01	1	5				12	
	640	ABU HAMAD											
	650	KAREIMA											
	680	ATBARA											
	721	KHARTOUM	30	9	30	03	0	1	Ci	5.9	37	7	28
	730	KASSALA											
Central Sudan	751	WĀD MEDANI	50	9	35	02	0	0	—	2.9	39	9	16
	801	RENK											
	902	ROSEIRES											
	771	EL OBEID											
	780	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKĀL	200	5	30	01	2	6	Cb, Ci	4.0	36	19	37
	880	WAU	70	20						4.3	32	17	41
	941	JUBA	70	3	50	03	2	7		3.1	30	13	35

At 1800 on THURSDAY 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	320	7	15	01	0	1	Cu	20.7	19	9	23	-2	52	0
SIDI BARRĀNI	350	12	14	02	5	2	Cu, Ac	20.3	20	12	22		60	dr.
MATRŪH (A)	320	6	12	02	8	2	Sc, Cu	20.7	19	14	22		73	1
EL DABAA	320	4	7	02	1	4	Cb	20.4	19	12	23		64	0
ALEXANDRIA	340	11	35	01	1	1	Cu	19.5	21	12	24	-1	57	0
ALEXANDRIA (A)	340	10	12	03	1	4	Cu	19.4	20	12	24	-1	60	0
DAMIETTA	320	5		01	1	2	Cu	19.0	21	14	24	0	65	0
PORT SAʿID (A)	360	17	14	01	0	1	Sc	18.8	21	16	25	+1	74	0
EL ARISH														
DAMANHŪR	360	9	7	02	0	0	—	18.8	19	16	24	-2	83	0
MANSŪRA	360	2	7	00	1	0	—	18.8	18	15	26	-1	83	0
TANTA														
SHEBĪN EL KŌM	340	2	15	00	0	0	—	18.5	17	15	27		88	0
ZAGAZIG	00	0	15	02	1	0	—	18.4	18	15	29	+2	83	0
ISMAILIA	360	2	35	01	0	0	—	18.0	20	15	28		73	0
CAIRO (A)	20	5	12	01	2	2	Sc	18.5	20	14	26		69	0
CAIRO ALMĀZA (A)	360	6	12	01	1	1	Ac	18.8	20	14	26	-1	69	0
CAIRO-EZBEKĪYA	40	3	10	01	1	2	Sc, Cu	18.4	20	14	26	-1	69	0
GIZA	40	3	10	01	1	2	Sc, Cu	18.7	21	14	28	+2	65	0
HELWĀN	360	15	7	01	1	2	Sc	19.1	20	14	26	0	69	0
FAYOUM	00	0	35	01	0	1	Cu, Sc	17.6	22	15	28	0	65	0
MINYA (A)	00	0	8	02	0	0	—	17.5	19	14	28	+1	73	0
ASYOUT (A)	270	2	8	02	1	1	Ci	17.3	20	12	27	0	60	0
NAG HAMADI	00	0	15	00	1	0	—	15.1	20	11	32	+2	56	0
QENA	270	2	7	02	1	2	Ci	14.7	22	9	35	+4	44	0
LUXOR (A)														
ASWĀN	360	4	50	00	0	0	—	13.6	30	11	35	+3	31	0
SĪWA														
BAHARĪYA	320	1	15	02	2	3	Ac	19.5	20	11	26	-1	56	0
FARAFRA	340	6	15	01	2	2	Ci	19.1	20	8	26		46	0
DAKHLA	320	15	15	03	2	7		18.0	22	5	28	-1	33	0
KHARGA	00	0	15	00	0	8	Ac	15.9	24	3	32	+3	26	0
SUEZ	360	9	15	02	0	2	Cu	18.0	21	14	30	+3	65	0
TŌR	360	9	35	02	0	0	—	15.0	26	14	32	+6	48	0
HURGHĀDA	320	7	10	03	1	4	Cs	14.9	26	14	30	+4	48	0
QUSEIR	40	2	15	02	0	0	—	14.3	24	19	31	+3	74	0
PORT SUDAN	90	5	30	03	1	3	Sc	13.1	29	24	33		74	0
WADI HALFA	330	11	30	01	0	0	—	12.9	28	7	35		27	0
ABU HAMAD	50	2	30	02	1	5	Cs		30	11	35		31	0
KAREIMA	20	4	30	02	0	0	—	10.2	30	11	35		31	0
ATBARA	10	7	30	01	0	0	—	8.6	30	11	37		31	0
KHARTOUM	10	6	30	02	0	1		7.9	31	8	38		24	0
KASSALA	20	4	30	02	0	0	—	7.9	28	7	39		27	0
WĀD MEDANI														
RENK											39			
ROSEIRES											40			
EL OBEID	00	0	30	02	2	7	Cs	7.5	27	11	37		37	0
EL FASHER											36			
GENEINA														
MALAKĀL											36			
WAU														
JUBA														

At 0600 on FRIDAY 13th NOVEMBER 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	9	15	02	1	3	Cb	22.0	+4.6	18	10	14	-1	60	0	4	
SIDI BARRĀNI	340	7	15	02	0	2	Cu, Ac	22.0		20	11	18		56	dr.	1	
MATRŪH (A)	260	10	14	02	1	6	Cu	21.4	+3.3	18	13	14		73	1	3	
EL DABAA	270	8	15	03	2	7	Ns	20.1		19	14	13		73	0	4	
ALEXANDRIA	310	5	35	03	0	5	Cu, Ac	19.8	+1.8	21	12	20	+3	57	0	8	19
ALEXANDRIA (A)	360	1	18	02	2	6	Cu	20.0	+3.2	21	15	18	+3	69	0	3	16
DAMIETTA	220	2	15	01	1	1	Cu	19.5	+2.0	19	14	15	-1	73	0	dr.	12
PORT SAʿID (A)	280	8	8	03	0	2	Cu	19.6	+2.6	21	17	19	[illegible]	78	[illegible]	2	
EL ARISH	230	2	30	02	1	2	Cb	18.6	+1.8	20	14	16		69	0	0.3	
DAMANHŪR	360	5	7	02	0	0	—	19.9	+2.1	19	16	16	+2	83	0	dr.	9
MANSŪRA	340	2	15	00	0	0	—	19.4	+2.4	19	14	14	-1	73	0	0	5
TANTA																dr.	
SHEBĪN EL KŌM	320	2	15	00	0	0	—	19.6	+2.0	16	14	13		88	0	0	
ZAGAZIG	00	0	15	02	0	0	—	20.2	+2.7	17	13	13	0	77	0	0	3
ISMAILIA	270	1	35	01	0	0	—	19.8		19	14	14		73	[illegible]	15	
CAIRO (A)	240	3	12	02	0	0	—	21.0		17	14	13		83	0	0.4	
CAIRO ALMĀZA (A)	00	0	12	02	0	1	Ci	20.1	+2.9	17	14	14	-1	83	0	dr.	
CAIRO-EZBEKĪYA	00	0	10	00	0	0	—	20.3	+2.9	18	14	14	0	78	0	dr.	2
GIZA	00	0	10	00	0	0	—	20.6	+3.1	17	14	12	0	83	0	0.2	4
HELWĀN	00	0	7	02	0	1	Ci	21.0	+3.2	17	13	16	+1	77	0	dr.	2
FAYOUM	00	0	35	02	0	0	—	20.8	+3.5	19	14	14	+1	73	0	dr.	0
MINYA (A)	350	6	8	03	0	3	Ac	19.9	+2.5	16	14	14	+2	88	0	0	
ASYOUT (A)	300	5	12	02	1	2	Ci	19.8	+2.6	17	15	14	0	88	0	0	
NAG HAMADI	00	0	15	01	0	4	Ac, Ci	17.6	+1.4	19	14	13	0	73	0	0	
QENA	270	2	15	03	1	2	Ci	17.5	+1.5	20	10	14	0	53	0	0	
LUXOR (A)																	
ASWĀN	340	8	15	09	3	5	Ac	17.0	+1.5	21	14	15	-2	65	0	0	
SĪWA																	
BAHARĪYA	00	0	35	02	1	1	Ac	22.3	+4.1	17	13	11	-1	77	0	0	1
FARAFRA	00	0	35	03	0	0	—	21.6		16	8	13		59	0	0	
DAKHLA	340	9	50	01	1	3	Ci	18.7	+1.1	19	11	16	+3	60	0	0	
KHARGA	360	2	15	02	2	3	Ac	17.9	+1.3	20	13	17	+3	64	0	0	
SUEZ	310	3	35	00	0	2	Cu	19.9	+3.3	17	13	15	-1	77	0	10	3
TŌR	40	5	50	03	1	2	Ci	16.4	+0.9	23	15	17	+2	61	0	0	2
HURGHĀDA																	
QUSEIR	360	9	15	03	1	4	Ci	15.6	+0.3	24	14	22	+2	54	0	0	1
PORT SUDAN																	
WADI HALFA																	
ABU HAMAD																	
KAREIMA																	
ATBARA	40	9	30	02	0	0	—	11.0		28	15			45	0		
KHARTOUM	20	7	30	02	0	0	—	10.7		27	13	23		42	0		
KASSALA																	
WĀD MEDANI																	
RENK	310	9	35	02	0	2	Ci			26	15	19		51	0		
ROSEIRES	230	2	35	02	0	0	—	9.1		24	16	19		61	0		
EL OBEID	20	11	30	02	1	2	Cs	10.9		27	11	25		37	0		
EL FASHER	00	0	30			6	Cs			23	11	18		47	0		
GENEINA																	
MALAKĀL	00	0	30	03	1	6	Ac, Ci	9.9		26	22			79	0		
WAU																	
JUBA																	

REMARKS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani	Mersa Matruh	Alex. A.P.	P.Said	El Arish	Almaza	Minya	Asyout	Aswan	Siwa	Dakhla
DATE	13-11	13-11	13-11	13-11	13-11	13-11	13-11	13-11	13-11	13-11	13-11
TIME	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 17	340 18	340 16	320 19	320 15	320 9	360 22	340 18	360 8	330 10	350 15
600 m.	320 17	340 14	340 16	300 14	320 11	320 10	300 28	340 17	360 20	340 10	360 13
1000 m.	330 19	330 11	350 9	300 14	310 13	310 9	360 20	360 20	350 10	350 9	10 14
1500 m.	310 17	330 16	330 10	310 16	290 14	320 9	300 26	360 26	360 2	360 10	360 16
2100 m.	320 29	320 23	290 10	310 20	260 8	320 15	350 24	330 7		10 16	350 20
2400 m.			280 9	300 12	250 14	340 17		240 4		350 14	340 23
3000 m.				330 32		350 8		290 16		310 11	
4000 m.										290 27	
5000 m.											
6000 m.											

STATION	P.Said	Minya	Asyout								
DATE	14-11	14-11	14-11								
TIME	02	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.	280 16	360 31	20 15								
600 m.	300 10	15 40	10 21								
1000 m.	310 16	360 21	360 23								
1500 m.	310 7	290 4	300 23								
2100 m.	310 10		330 18								
2400 m.	320 12										
3000 m.	300 11										
4000 m.											
5000 m.											
6000 m.											

STATION	Alex A.P.	P.Said	El Arish	Helwan	Minya	Asyout	Siwa	Baharia	Dakhla	Kharga	
DATE	14-11	14-11	14-11	14-11	14-11	14-11	14-11	14-11	14-11	14-11	
TIME	08	08	08	0745	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.	280 9	280 9	200 14	340 9	350 24	350 8	340 11	360 7	360 9	10 16	
600 m.	320 5	300 11	260 12	340 14	360 25	350 12	340 9	360 9	30 15	20 18	
1000 m.	320 5	310 10	280 10	350 16	20 16	360 17	330 8	340 9	30 24	20 27	
1500 m.	330 10	300 12	300 4	340 11	350 12	360 21	340 16		350 20	30 24	
2100 m.	340 4	340 5	300 3	350 13	330 10	320 18	330 11				
2400 m.		340 7	320 5	350 5	340 16		320 16				
3000 m.				320 9	270 22		320 16				
4000 m.				300 12			300 22				
5000 m.							310 22				
6000 m.											

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION																				
DATE																				
TIME																				
	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C.	HUM %	WIND DIR.	WIND SPEED
Surface																				
1000 mb.																				
950 mb.																				
900 mb.																				
850 mb.																				
800 mb.																				
750 mb.																				
700 mb.																				
650 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 14th November 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. 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 nour
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 غد

In Lower Egypt moderate northwesterly winds freshening at times near the Coast. Much low clouds with scattered showers and slight decrease in temperature. In Upper Egypt no appreciable change in temperature.

التغيرات المنتظرة في حالة الطقس

تكون رياح الى معتدلة شمالية غربية تنشط احيانا قرب الساحل وكثير من السحب المنخفضة بها امطار متفرقة وانخفاض بسيط في درجة الحرارة. اما في مصر العليا فلا تغير يذكر في حالة الطقس.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 20 U.T. / Sunset 14 59 U.T.

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

At 1200 on SATURDAY 14th NOVEMBER 1953

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 %
20	7	35	03	1	4	Cu, Ci	20·8	21	7	41
320	10	12	80	8	7	Cb	20·8	17 ?	14	83
330	9	18	25	8	6	Cu, AC	20·2	20	12	60
320	7	35	03	2	7	St	19·1	20	13	64
310	8	18	01	8	5	Cu	19·4	21	14	65
330	12	30	02	8	6	Cu, Sc	18·6	23	15	61
330	12	30	02	1	6	Cu, Sc	19·6	23	15	61
320	7	30	02	0	2	Cu	17·2	23	13	53
310	5	15	02	1	6	Cu	19·2	22	13	57
270	1	35	03	2	5	Cu	18·7	23	12	50
320	9	35	01	1	3	Cu	18·3	25	11	42
00	0	35	02	0	0	—	18·6	24	12	47
270	5	35	03	1	6	Sc	17·8	24	14	54
340	9	30	02	1	3	Cu	18·4	23	8	38
290	4	18	03	1	5	Cu	18·4	23	9	41
320	3	18	02	1	4	Cu	18·6	23	10	44
320	3	18	02	1	4	Cu	18·3	24	9	38
290	8	35	03	1	4	Cu	19·0	22	6	36
360	4	35	03	1	3	St	18·7	24	9	38
10	7	10	02	1	4	Cu	18·8	24	10	41
320	3	35	00	0	0	—	15·5	26	14	48
270	1	50	00	0	0	—	15·2	30	13	35
340	12	30	02	0	0	—	15·0	28	13	40
360	8	15	09	3	0	—	14·0	28	15	45
280	6	18	03	1	5	Cu	21·5	23	10	44
360	13	35	03	2	3	Cu	20·6	24	6	32
320	6	50	00	0	0	—	19·1	24	6	32
320	4	15	00	0	0	—	16·4	25	8	34
310	7	50	03	0	5	Cu	17·2	24	9 ?	38
310	19	50	02	0	0	—	16·4	24	6	32
320	12			4	Cu				15	
20	9	15	01	1	0	—	15·0	25	17	61

At 1800 on SATURDAY 14th NOVEMBER 1953

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.
290	4	15	03	2	4	Cb	22·2	19		22	- 3		2
40	12	11	80	8	7	Cb, AC, Ci	21·4	16	14	21		88	3
320	11	14	60	9	7	St	20·9	18	12	21		68	0·4
360	3	7	03	:	6	Sc	19·8	17	13	21		77	0
350	13	35	03	:	5	Cu	19·6	19	14	22	- 3	73	17
330	4				5	Cu, AC	19·7	18	13	22	- 3	73	4
340	5			01	2	3	Cu	18·8	18	15	22	- 2	83	5
360	13	14	02	2	4	Cu, Sc	18·4	21	15	24	0	69	0
310	9	7	02	1	3	AC	19·8	18	13	23	- 3	73	0
340	2	7	00	1	0	—	19·9	18	13	25	- 1	73	0
00	0	35	01	2	4	Cu	19·0	18	15	24	- 2	83	0
320	2	15	01	1	2	Cu	19·5	18	15	26		83	0
00	0	15	02	0	0	—	19·4	17	11	26	- 1	68	0
360	2	35	01	6	0	—	18·6	25	13	26		48	dr
40	4	12	01	0	0	—	20·2	18	13	24		73	0
20	4	14	01	1	1	Cu	19·8	18	10	24	- 2	60	0
20	2	10	01	1	3	Sc	19·6	19	11	24	- 2	60	0
20	2	10	01	1	3	Sc	19·5	18	13	25	- 1	73	0
340	10	7	01	1	1	Ac	20·1	19	9	22	- 3	52	0
360	4	35	01	0	1	St	19·4	19	12	25	- 2	64	0
360	5	8	02	0	0	—	19·4	16	12	25	- 2	77	0
260	2	10	02	0	0	—	19·3	17	11	25	- 2	68	0
350	7	15	01	2	2	Ci	20·2	18	6	24		46	0
340	11	15	00	0	0	—	19·9	19	4	25	- 4	37	0
360	2	15	00	0	0	—	17·8	20	8	25	- 4	46	0
310	6	15	01	0	0	—	18·7	18	13	25	- 2	73	0
310	9	35	02	0	0	—	15·6	23	10	25	- 1	44	0
290	9	10	02	0	0	—	15·6	22	12	24	- 2	53	0
360	9	15	01	1	0	—	14·4	24	12	26	- 2	47	0
										33			
										31			
										35			
										35			
										37			
										38			
										38			
										35			
										33			
										36			
										37			
										36			

At 0600 on SUNDAY 15th NOVEMBER 1953

AREA	INDEX NUMBER	STATION	WIND DIRECTION Deg	WIND VELOCITY IN KNOTS	VISIBILITY (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	SALLOÛM	320	13	15	01	1	2	AC, Ci	21·9	+ 4·5	17	7	13	- 1	52	0	4	
	308	SIDI BARRÂNI	20	9	15	02	8	4	Cb	21·5		19	13	15		68	4	1	
	306	MATRÛH (A)	360	7	14	25	8	6	St	20·7	+ 3·1	17	16	16		94	4	3	
	309	EL DABʿAA	220	2	15	03	2	6	Sc	19·4		17	11	12		68	7	14	
	319	ALEXANDRIA	280	3	35	01	8	4	St, Cu	19·5	+ 1·5	20	11	17	0	56	18	26	21
	318	ALEXANDRIA (A)	300	5	18	02	8	5	Cb	19·3	+ 2·2	17	13	15	0	77	5	8	18
	330	DAMIETTA	220	2	7	03	6	6	Cu, Sc	19·5	+ 2·8	17	15	15	- 1	88	17	17	13
	333	PORT SAʿÎD (A)	80	13	14	03	1	6	Cu, Sc	19·2	+ 2·4	19	14	13 ?	- 6	73	18	20	
	336	EL ʿARISH	360	6	30	03	0	3	Cb	18·5	- 1·5	19	12	14		64	4	4	
LOWER EGYPT	339	DAMANHUR	360	9	7	02	1	1	Cu	19·5	+ 1·6	16	14	13	- 1	88	0	dr	10
	342	MANSÛRA	20	5	15	03	2	6	Sc Cu	19·2	+ 2·1	18	13	14	0	73	0	0	5
	348	TANTA	00	0	35	63	2	5	Cu	19·8	+ 1·9	16	12	10	- 3	77	0	dr	5
	360	SHEBÎN EL KOM	340	2	15	01	1	1	Cu	19·2	+ 1·5	17	15	11		88	0	0	
	354	ZAGAZIG	00	0	15	02	1	3	Cu	19·7	+ 2·1	15	11	12	- 1	77	0	0	3
	441	ISMAʿÎLIA	270	2	35	03	1	4	Cu	19·0		16	12	13		77	dr	15	
CAIRO AREA	366	CAIRO (A)	250	5	10	03	1	3	Cu, Ac	20·4		16	12	13		77	0	0·4	
	372	CAIRO ALMÁZA (A)	260	7	14	03	1	3	Cu, AC	19·8	+ 2·5	16	12	13	- 2	77	0	dr	
	374	CAIRO EZBEKÎYA	00	0	8	02	1	4	Cu, Ac	20·0	+ 2·5	16	12	13	- 1	61	0	dr	2
	375	GIZA	00	0	8	02	1	4	Cu, Ac	19·5	+ 1·9	16	12	10	- 2	77	0	0·2	4
	378	HELWÂN	00	0	3	10	0	1	Ac	20·2	+ 2·3	14	12	13	- 2	88	0	dr	2
UPPER EGYPT	381	FAYOÛM	00	0	35	02	0	0	—	20·2	+ 2·7	16	12	11	- 2	77	0	dr	0
	387	MINYA (A)	350	5	8	02	0	0	—	19·2	+ 1·7	16	13	10	- 2	82	0	0	
	393	ASYOÛT (A)	280	4	12	02	0	0	—	18·8	+ 1·4	15	11	12	- 1	77	0	0	
	399	NAGʿ HAMADI	00	0	15	00	0	0	—	18·3	+ 2·0	16	10	12	0	68	0	0	
	402	QENA	270	1	35	00	0	0	—	17·4	+ 1·2	21	10	13	- 1	50	0	0	
	405	LUXOR (A)																	
	414	ASWAN	340	8	15	09	3	0	—	16·9	+ 1·1	18	13	15	- 2	73	0	0	
OASES	417	SIWA																0	0
	420	BAHARIYA	320	1	35	02	0	0	—	21·0	+ 2·7	15	11	9	- 3	77	0	0	1
	426	FARAFRA	90	9	35	00	0	0	—	21·4		13	7	11		67	0	0	
	432	DAKHLA	270	9	50	00	0	0	—	21·1	+ 3·3	15	7	13	+ 1	59	0	0	
	435	KHARGA	140	1	35	00	0	0	—	18·6	+ 1·8	17	7	11	- 2	52	0	0	
RED SEA	450	SUEZ	360	6	35	00	0	2	Cu	19·0	+ 2·3	16	12	14	- 2	77	0	10	3
	459	TÛR																	2
	462	HURGHADA	260	3	18	03	0	1	Cu	16·6	+ 1·4	20	13	15	- 1	64	0	0	
	465	QUSEIR	330	5	15	02	0	0	—	16·2	+ 0·8	21	12	19	- 1	57	0	0	1
	641	PORT SUDAN	340	11	30	15	1	5	Cu, Sc	13·9		29	25	25		79	0		
NORTH SUDAN	690	WADI HALFA	360	10	30	02	0	0	—	16·8		18	10	15		60	0		
	640	ABU HAMAD	360	5	30	02	0	0	—	12·8		25	5	22		28	0		
	680	KAREIMA	40	10	30	02	0	0	—	13·3		24	5	21		30	0		
	686	ATBARA	360	7	30	02	0	1	Ci	10·2		26	14	22		48	0		
	721	KHARTOÛM	360	12	30	02	0	5					9						
	730	KASSALA	110	4	30	03	0	1	Ci	9·0		31	15	23		38	0		
CENTRAL SUDAN	751	WÂD MEDANI	50	9	35	02	0	0	—	10·7		26	10	17		37	0		
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID	340	9	30	01	0	1	Ac	11·7		23	6	20		34	0		
	760	EL FASHER	20	6	30	03	0	2	Cs			19	5	13		40	0		
	770	GENEINA																	
S SUDAN	840	MALAKÂL	20	8	30	01	1	3	Ac, Ci	10·7		28	11	20		35	0		
	880	WÂU	360	3	10	04	0	1	Ac	10·0		23	19	20		79	0		
	941	JUBA	00	0	30	03	1	6	Ac, Ci	10·3		26	18	20		62	0		

RETARDS — DATE

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.Barrani	Matruh	Alex. AP	P.Said	Minya	Asyout	Aswan	Dakhla	Kharga		
DATE	15-11	15-11	15-11	15-11	15-11	15-11	15-11	15-11	15-11		
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.	40 12	360 24	360 10	350 15	360 13	330 10	350 19	340 20	10 11		
600 m.	30 11	360 13	300 14	350 16	350 14	340 9	350 13	350 22	10 14		
1000 m.	30 10	340 9	20 7	350 16	350 15	330 13	350 15	350 24	360 16		
1500 m.	360 11	360 13	60 21	340 12	340 17	330 15	10 10	360 30	350 14		
2100 m.		20 11	20 11	320 9		310 16			350 10		
2400 m.			20 10	310 8							
3000 m.			20 14								
4000 m.											
5000 m.											
6000 m.											

STATION	Matruh	P.Said	El Arish	Minya	Asyout						
DATE	16-11	16-11	16-11	16-11	16-11						
TIME	05	02	03	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.	310 12	300 15	340 10	340 9	350 14						
600 m.	320 13	310 13	330 19	330 12	350 22						
1000 m.	320 16	320 12	360 12	10 13	350 19						
1500 m.	320 13	340 11	340 4	360 14	340 25						
2100 m.	360 15		220 9								
2400 m.	350 14		220 4								
3000 m.											
4000 m.											
5000 m.											
6000 m.											

STATION	S.Barrani	Matruh	Minya	Baharija	Dakhla	Kharga						
DATE	16-11	16-11	16-11	16-11	16-11	16-11						
TIME	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	DIR. SPEED
300 m.	290 10	300 16	350 4	360 19	320 10	30 16						
600 m.	300 10	310 17	360 16	360 22	360 11	20 34						
1000 m.	310 10	320 16	360 21	10 26	360 13	20 15						
1500 m.	340 7	300 10	340 29	10 29	20 21	10 29						
2100 m.		320 11										
2400 m.												
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 16th November 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
43	" " not "	preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	
46	" " discernible	has begun or become thicker
47	" " not "	during last hour
48	" ,depositing rime, sky discernible	
49	" " " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	
52	" " " intermittent	moderate
53	" " " continuous	
54	" " " intermittent	thick
55	" " " continuous	
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	
62	" " " intermittent	moderate
63	" " " continuous	
64	" " " intermittent	heavy
65	" " " continuous	
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	
72	Intermittent " " "	moderate
73	Continuous " " "	
74	Intermittent " " "	heavy
75	Continuous " " "	
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s) slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or slight	
88	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

LIBRARY
MAR 18 1954
WEATHER BUREAU

GENERAL FORECAST: From noon today to noon tomorrow. من ظهر اليوم الى ظهر غد :

Moderate northwesterly winds freshening at times on the طقس بارد سطح أحيانا بالوجه البحرى من بعد الوسطى ، رياح شمالية غربية معتدلة تنشط على السواحل أحيانا مع كثير من السحب المنخفضة
Coast, with much low clouds. Cool weather with occasional rain in Lower and Middle Egypt. In Upper Egypt temperature starts to decrease. أمطار بالصعيد تبدأ درجة الحرارة فى الانخفاض .

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 21 U.T. / Sunset 14 5? U.T.

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

At 1200 on SUNDAY 15th NOVEMBER 1953

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or mi.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Relative Humidity %
62300	SALLOUM	20	7	35	02	1	4	Ac	21.4	21	10	50
303	SIDI BARRANI	10	8	18	02	0	2	Cu	20.6	21	12	57
306	MATRUH (A)	20	1	18	25	5	7	Cu	20.0	20	16	78
309	EL DABAA	20	6	35	02	1	5	Cb	19.6	21	14	65
319	ALEXANDRIA	330	8	35	03	5	6	Cu, Ac, Cc	18.6	21	12	57
318	ALEXANDRIA (A)	320	9	18	02	8	7	Cu, Ci	18.5	22	13	57
330	DAMIETTA											
333	PORT SAID (A)	10	15	30	03	1	4	Cu, Sc, Ci	17.7	20	14	69
336	EL ARISH	340	4	30	03	1	4	Cu	16.2	22	14	61
334	DAMANHUR											
342	MANSURA	20	5	15	03	2	7	Sc, Cu	17.8	23	12	50
348	TANTA	00	0	35	03	6	5	Cu	18.0	20?	15	73?
360	SHEBIN EL KOM	340	5	35	01	1	4	Cu	17.6	24	12	47
364	ZAGAZIG											
440	ISMAILIA	360	2	35	03	1	6	Cu	16.8	23	10	44
366	CAIRO (A)	340	6	18	03	2	5	Cb	17.2	22	8	41
372	CAIRO ALMAZA (A)	340	9	30	03	2	6	Sc, Cu	17.2	23	8	38
374	CAIRO EZBEKIYA	330	4	18	03	1	5	Sc, Cu	17.6	24	9	38
375	GIZA	330	4	18	03	1	5	Sc, Cu	17.4	23	9	41
378	HELWAN	310	5	15	02	1	3	Sc, Cu	17.5	22	9	44
381	FAYOUM											
387	MINYA (A)	340	7	8	02	1	2	Cu	18.2	23	9	41
392	ASSIUT (A)	290	10	18	02	1	3	Cu	17.3	23	7	36
393	NAG HAMADI	320	3	35	00	0	0	—	15.8	25	8	34
402	QENA	270	2	50	00	0	0	—	14.7	28	7	27
405	LUXOR (A)	310	10	30	02	0	0	—	14.3	26	11	40
414	ASWAN	340	6	50	00	0	0	—	14.2	27	13	42
417	SIWA											
420	BAHARIA	320	3	35	02	1	4	Ac	19.0	22	11	50
423	FARAFRA	330	13	35	03	1	6	Cu, Ci	20.4	22	9	26
435	DAKHLA	320	12	50	01	1	2	Ci	19.4	23	5	32
436	KHARGA	20	6	15	00	0	0	—	16.4	24	6	32
450	SUEZ	360	7	50	03	0	4	Cu	16.0	23	10	44
459	TOR	310	9	50	02	0	0	—	15.7	23	16	65
463	HURGHADA	330	13	30	01	0	0	—	14.8	23	16	65
465	QUSEIR	360	9	15	02	0	0	—	14.[illegible]	24	16	61
641	PORT SUDAN											
600	WADI HALFA											
640	ABU HAMAD											
650	KARIMA											
680	ATBARA											
721	KHARTOUM											
750	KASSALA											
751	WAD MEDANI											
801	RENK											
802	ROSEIRES											
771	EL OBEID											
790	EL FASHER											
770	GENEINA											
840	MALAKAL											
880	WAU											
841	JUBA											

At 1800 on SUNDAY 15th NOVEMBER 1953

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or mi.)	Present Weather ww	Past Weather W*	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms
62300	SALLOUM	360	9	15	01	1	1	Sc	21.6	18	10	22	-3	60	0
303	SIDI BARRANI	30	4	12	80	8	4	Cb	20.7	19	14	21		73	dr
306	MATRUH (A)	360	10	14	02	2	4	Sc, Cu	20.2	18	13	22		73	dr
309	EL DABAA	360	8	7	03	2	6	Sc, Cu, Ci	19.6	18	15	23		83	0
319	ALEXANDRIA	350	8	35	01	1	1	Cu	18.6	20	15	24	-1	73	Rain
318	ALEXANDRIA (A)	360	5	12	02	1	3	Sc	18.6	18	13	23	-1	74	dr
330	DAMIETTA	320	5		02	2	7	Sc	18.0	18	15	21	-3	83	0
333	PORT SAID (A)	350	12	14	02	1	6	Cu, Sc	17.7	20	14	22	-2	69	0
336	EL ARISH														
334	DAMANHUR	360	9	15	02	1	6	St	18.7	18	13	23	-3	73	0
342	MANSURA	360	2	3	03	5	6	Sc, Cu	18.3	18	13	24	-2	73	dr
348	TANTA	00	0	35	03	2	6	Cu, Sc	18.4	16	16	25	-1	97	2
360	SHEBIN EL KOM	340	2	15	01	6	2	Cu	18.3	16	14	26		88	6
364	ZAGAZIG	00	0	15	02	1	4	Cu	18.0	17	13	25	-1	77	0
440	ISMAILIA	340	2	35	03	1	6	Ac	18.3	17	11	25		68	0
366	CAIRO (A)	40	3	12	09	9	1	Ac	19.1	16	12	24	-2	77	dr
372	CAIRO ALMAZA (A)	20	2	14	03	8	1	Sc	18.1	17	12	24	-2	72	5
374	CAIRO EZBEKIYA	360	3	10	00	1	0	—	18.3	17	12	24	-2	72	0
375	GIZA	360	3	10	00	1	0	—	18.2	16	11	24	-2	72	0
378	HELWAN	360	8	7	01	1	1	Ac	18.8	17	10	22	-3	64	0
381	FAYOUM	360	4	35	01	1	2	St	17.8	17	11	25	-2	68	0
387	MINYA (A)	360	4	8	02	0	0	—	17.9	15	11	23	-4	77	0
392	ASSIUT (A)														
393	NAG HAMADI	270	1	15	00	0	0	—	17.4	19	9	26	-3	52	0
402	QENA	270	1	7	00	0	2	Ci	17.2	18	8	23	-1	52	0
405	LUXOR (A)														
414	ASWAN	340	6	50	00	0	0	—	15.5	24	12	26	-3	47	0
417	SIWA														
420	BAHARIA	00	0	15	02	1	0	—	19.6	23	12	23	-3	50	0
423	FARAFRA	320	6	15	01	2	1	Ci	20.0	17	7	23		52	0
435	DAKHLA	340	9	15	01	1	3	Ci	19.5	18	8	23	-5	52	0
436	KHARGA	80	2	15	03	2	8	Sc	18.2	23	5	24	-5	32	0
450	SUEZ	360	7	15	01	0	1	Cu	17.8	18	13	24	-3	73	0
459	TOR	40	5	35	03	1	4	Ci	16.2	20	13	24	-2	64	0
463	HURGHADA	270	4	10	03	1	4	Ci	15.6	20	11	23	-3	56	0
465	QUSEIR	330	5	15	02	0	0	—	15.[illegible]	23	15	25	-3	61	0
641	PORT SUDAN														
600	WADI HALFA														
640	ABU HAMAD														
650	KARIMA														
680	ATBARA														
721	KHARTOUM														
750	KASSALA														
751	WAD MEDANI														
801	RENK														
802	ROSEIRES														
771	EL OBEID														
790	EL FASHER														
770	GENEINA														
840	MALAKAL														
880	WAU														
841	JUBA														

At 0600 on MONDAY 16th NOVEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km. (or mi.)	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	9	15	03	2	6	St	18.6	+1.2	15	7	11	-3	59	0	4	
	303	SIDI BARRANI	220	8	15	02	0	2	Cu, Ac	19.9		14	11	12		82	Rain	Rain	
	306	MATRUH (A)	250	10	14	02	1	4	Cu	19.3	+2.2	16	13	13		82	7	14	
	309	EL DABAA	320	4	15	02	1	4	Cb	18.5		18	13	15		73	0	14	
	319	ALEXANDRIA	310	13	35	03	0	3	Cu	18.3	+0.3	20	15	18	-1	73	0	26	22
	318	ALEXANDRIA (A)	330	14	12	02	8	7	Cu, Sc	18.2	+1.1	20	13	16	+1	64	1	9	19
	330	DAMIETTA	200	5	15	01	1	1	Cu	17.5	+0.8	16	14	13	-2	88	5	22	14
	333	PORT SAID (A)	280	9	18	02	8	2	Cu, Sc	17.5	+0.7	18	16	15	-4	88	4	24	
	336	EL ARISH	250	4	30	01	9	3	Ac	16.7	-0.4	16	13	14		82	0	4	
LOWER EGYPT	334	DAMANHUR	360	9	7	02	5	7	Sc	18.4	+0.5	18	15			83	dr	dr	10
	342	MANSURA	360	2	15	01	1	2	Cu	19.0	+1.9	17	13	14	0	77	dr	dr	6
	348	TANTA	00	0	35	03	2	7	St	18.2	+0.2	15	15	12	-1	97	2	2	5
	360	SHEBIN EL KOM	320	2	15	01	1	4	Cu	18.3	+0.6	17	13	12		77	6	6	
	364	ZAGAZIG	00	0	15	02	0	0	—	17.8	+0.2	15	9	12	-1	68	0	0	3
	440	ISMAILIA	270	1	35	01	0	0	—	17.6		17	13	13		77	0	15	
CAIRO AREA	366	CAIRO (A)	250	7	10	03	1	4	Cu, Ci	19.4		16	13	13		82	dr	0.4	
	372	CAIRO ALMAZA (A)	230	3	12	01	1	3	Cu, Cc	18.5	+1.2	16	13	13	-1	82	6	6	
	374	CAIRO EZBEKIYA	00	0	10	01	2	5	Sc, Cu	18.8	+1.3	16	13	13	-1	82	0	dr	3
	375	GIZA	00	0	10	01	2	5	Sc, Cu	18.7	+1.1	16	13	11	-1	82	0	0.2	4
	378	HELWAN	00	0	7	10	0	1	Cu	19.5	+1.5	14	10	12	-3	77	0	dr	2
UPPER EGYPT	381	FAYOUM	00	0	35	02	0	0	—	19.6	+2.1	17	13	11	-2	77	0	dr	0
	387	MINYA (A)	330	2	8	02	0	0	—	19.8	+2.2	14	12	10	-2	88	0	0	
	392	ASSIUT (A)	270	3	14	02	0	0	—	19.7	+2.2	15	10	11	-2	72	0	0	
	393	NAG HAMADI	270	1	15	00	0	0	—	17.6	+1.3	16	12	11	-1	77	0	0	
	402	QENA	270	1	35	00	0	0	—	17.4	+1.1	21	10	13	0	50	0	0	
	405	LUXOR (A)	190	6	30	03	1	3	Ac	17.5	+1.5	17	12	14		72	0	0	
	414	ASWAN	360	5	50	00	0	0	—	16.7	+0.8	18	13	14	-2	73	0	0	
DESERT	417	SIWA	270	2	18	03	0	1	Sc	21.5	+2.6	14	10	11	+1	77	0	0	0
	420	BAHARIA	00	0	35	02	1	1	Cu	20.7	+2.4	17	15	9	-2	88	0	0	1
	423	FARAFRA	00	0	35	00	0	0	—	21.1		14	10	12		77	0	0	
	435	DAKHLA	270	9	50	00	0	0	—	20.7	+2.9	14	8	11	-1	67	0	0	
	436	KHARGA	90	2	15	00	0	0	—	18.2	+1.3	17	9	9	-4	60	0	0	
RED SEA	450	SUEZ	360	6	35	00	0	6	Cu	17.9	+1.2	16	12	12	-3	77	0	10	4
	459	TOR	310	5	35	02	0	0	—	15.5	-0.2	21	12	17	+2	57	0	0	2
	463	HURGHADA	280	6	18	02	0	3	Cu, Ac	14.7	-0.6	20	13	16	0	64	0	0	
	465	QUSEIR	330	5	15	03	1	6	Ci, Ac	14.5	-0.9	21	10	19	-1	50	0	0	1
	641	PORT SUDAN																	
NORTHERN SUDAN	600	WADI HALFA																	
	640	ABU HAMAD																	
	650	KARIMA																	
	680	ATBARA																	
	721	KHARTOUM																	
	750	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	790	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	841	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 16-11 14		Matruh 16-11 14		Alex. A.P. 16-11 14		Minya 16-11 14		Asyout 16-11 14		Aswan 16-11 14		Siwa 16-11 14		Farafra 16-11 14		Dakhla 16-11 14		Kharga 16-11 14		Hurghada 16-11 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
310	24	340	8	310	10	360	16	320	12	350	18	280	12	340	23	330	10	360	10	340	23
310	21	300	16	300	10	340	25	340	16	350	3	280	13	330	17	350	13	10	14	340	22
310	21	290	15	290	12	340	27	350	13	330	11	290	15	330	24	350	12	360	16	330	17
310	22	300	11	290	13	340	33	360	13	350	16	290	11	330	25	360	16	360	15	260	16
		320	13			270	26			270	10	290	3	350	30	360	17	350	11	290	11
		320	14			160	9			280	10	350	3			350	15	340	11	320	15
												10	7			330	14	330	10		
												20	7								
												300	8								

P.Said 17-11 03		El Arish 17-11 03		Minya 17-11 03		Asyout 17-11 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
250	19	240	15	320	9	330	9
230	13	260	12	330	9	360	16
270	16	260	12	300	11	340	17
280	19	230	11			340	23
		270	13			320	12
		260	13			290	12

S.Barrani 17-11 08		Matruh 17-11 08		El Arish 17-11 08		Asyout 17-11 08		Bahariya 17-11 08		Dakhla 17-11 08		Kharga 17-11 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
280	20	80	18	230	23	320	7	310	13	290	11	360	16
300	21			240	18	340	10	310	15	330	16	360	15
310	24			240	16	330	8	290	30	320	17	360	12
300	31			240	6	320	12	300	40	320	15	10	16
				240	3					330	7	360	15
										310	12		

UPPER AIR OBSERVATIONS

BY RADIOSONDE - RADIOWIND

Cairo A.P.
16-11
.5

ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
70	22		330	10
148	22		330	10
1528	10		350	10
3118	4		340	17
5755	-16		320	14

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Tuesday 17th November 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m
12 Continuous [illegible] 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 [illegible] 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 — increased — during preceding hour
31 no change
32 increased
33 decreased
34 Severe duststorm or sandstorm — no change
35 increased
36 Slight or moderate drifting snow — low
37 Heavy
38 Slight or moderate — high
39 Heavy
40 Fog at a distance, not during last hour
41 " in patches
42 " sky discernible — has become thinner during preceding hour
43 " " not
44 " " discernible — no change during preceding hour
45 " " not
46 " " discernible — has begun or become thicker
47 " " not " — during last hour
48 " depositing rime, sky discernible
49 " " " " not "

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

Westerly winds in the North up to Middle Egypt strenthening and raising dust at times and might reach gale force on the Coast. Cooler weather tomorrow with much low clouds and scattered showers on the Coast and Lower Egypt. In Upper Egypt moderate Northwesterly winds with the decrease in temp. tomorrow.

[illegible] غربية من الساحل حتى مصر الوسطى تشتد أحيانا مثيرة للغبار وقد تصل حد العاصفة على الساحل وتزداد برودة الجو غدا مع تكاثر الغيوم وتمطر في جهات متفرقة على الساحل والوجه البحري. أما في أعالي الصعيد فالجو صحو والرياح شمالية غربية معتدلة، وتهبط درجة الحرارة غدا.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 21 U.T. / Sunset 14 58 U.T.

All Times are Universal Times (G.M.T.) [Two hours ... (Egyptian Winter)]

At 1200 on MONDAY 16th NOVEMBER 1953 — At 1800 on MONDAY 16th NOVEMBER 1953

WIND DIRECTION Deg.	WIND VELOCITY in KNOTS	VISIBILITY in KILOMETRES	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT in Octas	CLOUD FORMS	BAR PRESSURE in mb.	TEMPERATURES °C DRY BULB	WET BULB	RELATIVE HUMIDITY %	WIND DIRECTION	WIND VELOCITY in KNOTS	VISIBILITY in KILOMETRES	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT in Octas	CLOUD FORMS	BAR PRESSURE in mb.	TEMPERATURES °C DRY BULB	WET BULB	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	DEW POINT °C
20	3	35	01	1	3	Cb	17.9	20	11	56	290	4	15	00	0	0	—	17.8	18	8	22	-3	52	0
270	7	18	02	0	3	Cu	17.9	20	12	60	320	13	14	02	0	2	Cu	17.3	19	11	21		60	0
320	12	18	02	1	4	Cu, Sc	17.6	21	13	61	250	8	12	01	1	3	Cu	17.6	16	13	21	-2	82	0
320	6	35	01	1	3	Cu	16.8	21	12	57	320	7	7	02	1	4	Cb	16.4	18	13	22		73	0
340	13	35	03	0	4	Cu	16.3	22	11	50	280	13	35	01	1	0	—	15.9	20	11	22	-3	56	0
320	11	18	02	1	4	Cu	16.8	22	12	53	290	6	12	01	2	2	Sc	16.3	19	12	23	-1	64	0
340	5	15	03	1	6	Cu	15.8	21	14	65	250	5		01	1	0	—	15.8	18	12	22	-2	68	0
300	6	30	02	0	2	Cu, As, Cs	15.7	22	13	57	290	13	14	01	0	0	—	15.9	19	14	22	-2	73	0
290	6	30	02	0	1	Cb	14.6	22	13	57														
360	9	15	02	1	3	Cu	17.1	22	13	57	360	9	7	02	1	1		16.8	17	13			77	0
320	5	35	03	2	5	Cb	16.2	23	15	61	340	2	7	00	1	0	—	16.2	18	10	24	-2	60	0
310	4	35	03	2	5	Cu	16.3	23	12	50	360	1	35	03	2	6	Cu	16.7	16	14	24	-2	88	0
320	9	35	01	1	3	Cu	16.3	23	12	50	320	2	15	01	1	3	Cu	16.6	16	12	25		77	0
320	1	35	03	1	4	Cu	15.6	24	14	54	00	0	15	02	0	0	—	17.0	16	12	26	0	77	0
320	2	35	03	1	5	Sc, Cu	15.6	24	12	47	340	1	35	03	2	7	Ns	16.2	19	14	25		73	0
340	10	18	01	2	4	Cu	16.2	22	12	53	340	5	12	01	1	0	—	17.0	18	12	23	-3	68	0
330	7	30	01	2	5	Cu, Sc	16.4	22	12	53	340	3	12	02	0	0	—	16.8	18	12	23	-3	68	0
330	3	18	20	5	6	Sc, Cu	16.5	23	13	53	340	2	10	00	5	0	—	17.0	18	12	23	-3	68	dr
330	3	18	20	5	6	Sc, Cu	16.4	23	12	50	340	2	10	00	5	0	—	17.0	17	12	24	-1	72	dr
360	4	35	02	1	3	Cu, Sc	16.6	23	12	50	00	0	35	01	0	0	—	16.6	17	13	24	-3	77	0
360	10	8	01	1	3	Cu	16.9	24	11	44	20	3	8	02	1	0	—	17.0	16	10	25	-2	68	0
330	8	30	02	0	2	Cb	16.3	22	8	41	340	3	12	02	0	0	—	17.2	18	9	23	-4	56	0
290	3	35	00	0	0	—	14.7	23	12	50	270	1	15	00	0	0	—	18.9	18	10	25	-4	60	0
270	1	50	00	0	0	—	14.0	28	10	33	00	0	7	00	0	0	—	16.3	18	10	29	-1	60	0
320	6	30	02	0	0	—	14.2	26	12	42	340	3	12	02	0	0	—	16.1	20	12	28		60	0
340	8	15	09	3	4	Ac	13.8	25	11	42	360	3	50	00	0	0	—	14.8	21	10	25	-4	50	0
270	9	18	02	0	1	Cu	19.3	22	7	38	260	6	10	02	0	0	—	18.9	16	6	22		52	0
280	2	35	03	1	3	Ac	18.7	23	12	50	270	1	15	02	1	1	Cs	19.0	18	8	23	-3	52	0
											320	6	15	01	2	1	Cu	20.0	17	7	23		52	0
340	9	50	00	0	0	—	18.2	22	6	36	320	9	35	00	0	0	—	18.6	18	6	23	-5	46	0
20	3	15	00	0	0	—	15.6	25	5	28	00	0	15	00	0	0	—	16.2	18	8	26	-3	52	0
360	2	50	01	0	4	Cu	15.8	23	8	38	300	4	15	03	0	7	Cu	15.9	20	13	24	-2	64	0
340	12	18	02	0	2	Cu	14.1	22	15	65	300	8	10	03	0	1	Ac	14.9	22	11	23	-3	50	0
20	9	15	01	1	0	—	14.0	24	16	61	360	9	15	02	0	0	—	14.8	23	15	25	-2	61	0

* 9 = Sky obscured by fog etc.

At 0600 on TUESDAY 17th NOVEMBER 1953

WIND DIRECTION Deg.	WIND VELOCITY in KNOTS	VISIBILITY in KILOMETRES	PRESENT WEATHER ww	PAST WEATHER W	CLOUD AMOUNT in Octas	CLOUD FORMS	BAR PRESSURE m.s.l. mb.	BAR PRESSURE Diff. from normal mb.	TEMPERATURES °C DRY BULB	WET BULB	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	DEW POINT °C	SUNSHINE hrs.	RAIN mm.
270	13	15	02	1	3	Cb	14.7	-2.7	16	10	12	-2	68	0	4	
240	11	13	02	0	2	Cb	13.5		16	12	14		77	0	1	
250	17	18	01	1	1	Cu	13.4	-4.3	15	12	14		82	0	10	
270	12	15	03	2	7	Sc	12.8		15	11	13		77	0	14	
210	13	35	03	8	6	Cu, Sc	12.3	-5.8	18	16	17	0	88	2	28	23
240	15	14	25	8	7	Cu, Sc	12.5	-4.7	16	13	15	0	82	4	13	20
260	5		03	1	7	Sc	12.9	-3.7	15	13	12	-3	88	0	22	14
250	16	14	02	1	5	Sc	12.9	-4.0	16	14	16	-2	88	0	24	
220	4	30	03	0	3	As, Ci	12.6	-4.5	18	11	14		64	0	4	
310	13	7	02	2	8	eb	13.4	-4.6	16	12	13	-1	77	0	dr	10
220	5	15	03	2	7	Sc, Cu	13.3	-3.9	15	11	12	-2	77	0	dr	6
130	3	35	03	2	5	Cu	14.0	-4.1	14	12	12	0	88	0	2	5
320	2	15	01	1	2	Cu	14.0	-3.8	15	13	11		88	0	6	
00	0	15	02	0	0	—	13.9	-3.8	14	12	12	0	88	0	0	4
320	6	35	03	1	4	Ac	14.0		17	11	12		68	0	15	
220	10	11	05	0	0	—	14.8		16	12	13		77	0	0.4	
200	12	12	00	0	0	—	14.8	-2.6	15	11	13	-1	77	0	6	
00	0	8	00	0	0	—	15.1	-2.5	15	11	13	-1	77	dr	dr	3
00	0	8	00	0	0	—	14.7	-2.9	15	12	11	-1	82	dr	0.2	4
															dr	2
00	0	35	02	0	0	—	15.8	-1.8	15	11	11	-2	77	0	dr	0
00	0	8	02	0	0	—	16.4	-1.2	16	11	10	-2	72	0	0	
290	2	14	02	0	0	—	16.5	-1.1	16	8	12	-1	59	0	0	
00	0	15	00	0	0	—	16.0	-0.4	16	12	12	0	77	0	0	
270	2	35	00	0	0	—	15.0	-1.4	15	11	13	0	77	0	0	
															0	
20	3	50	00	0	0	—	14.2	-1.8	18	15	14	-2	83	0	0	
																0
00	0	35	02	0	0	—	17.5	-0.9	14	8	11	0	67	0	0	0
00	0	35	00	0	0	—	17.4		14	10	12		77	0	0	1
310	4	50	00	0	0	—	17.8	-0.1	17	7	12	0	52	0	0	
00	0	15	00	0	0	—	16.4	-0.5	18	8	10	-3	52	0	0	
00	0	35	00	0	0	—	14.2	-2.6	21	12	13	-2	57	0	10	4
															0	2
250	5	18	02	0	1	Cu	13.9	-1.4	19	12	15	-1	64	0	0	
310	5	15	02	0	0	—	14.0	-1.6	20	11	17	-3	56	0	0	2

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. A.P	Almaza	Minya	Aswan	Dakhla	Kharga	Murghada											
DATE	17-11	17-11	17-11	17-11	17-11	17-11	17-11											
TIME	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
300 m.	330	17	250	16	290	16	360	6	290	19	310	16	90	12						
600 m.	310	18	250	23	280	17	320	7	280	16	310	12	350	10						
1000 m.	270	12	240	27	280	17	320	7	290	15	310	9	300	16						
1500 m.			240	37	270	13	290	6	300	19	300	13	260	17						
2000 m.			240	47	270	16					310	16								
2400 m.			250	22	270	16														
3000 m.					260	11														
4000 m.					240	20														
5000 m.																				
6000 m.																				

STATION	P.Said	Minya	Asyout															
DATE	18-11	18-11	18-11															
TIME	04	02	02															
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	31	310	18	290	30												
600 m.	260	23	300	16	300	35												
900 m.	270	35	270	31	300	35												
1500 m.			270	23	300	24												
2100 m.																		
2400 m.																		
3000 m.																		
4000 m.																		
5000 m.																		
6000 m.																		

STATION	P.Said	El Arish	Helwan	Minya	Asyout	Bahariya	Dakhla	Kharga										
DATE	18-11	18-11	18-11	18-11	18-11	18-11	18-11	18-11										
TIME	08	08	07 30	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
300 m.	260	24	240	29	280	16	320	14	320	13			290	9	300	8		
600 m.	260	34	240	36	290	17	310	24	330	8	330	16	320	18	310	16		
900 m.	270	31	240	20	280	32	310	24	340	14	320	15	310	27	310	30		
1500 m.	270	31	250	34	270	24	270	24			320	16	310	44	300	23		
2100 m.															300	26		
2400 m.																		
3000 m.																		
4000 m.																		
5000 m.																		
6000 m.																		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																	
DATE	17 - 11																	
TIME	15																	
	ALT. m	TEMP °C	HUM. %	WIND DIR.	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED
Surface	70	22		240	20															
mb	96	22		240	20															
mb.																				
mb.																				
mb.	1476	10		250	30															
mb.																				
mb.	3064	2		250	32															
mb.																				
mb.	5682	-16		240	35															
mb.	7322	-28		240	77															
mb	9816	-44																		
mb.	11970	-55																		

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Wednesday 18th November 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.	
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	" 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 غد

Cool weather continues with increasing low clouds in the بقاء الطقس بارد مع تكاثر السحب المنخفضة في

North upto Middle Egypt and further scattered showers. Westerly to شمال حتى وسط مصر وأخرى متفرقة بعدها. رياح غربية إلى

northwesterly winds on the Coast strong today and freshening تشتد على السواحل اليوم وتنشط فيما

tomorrow, while Moderate to fresh in Cairo & Upper Egypt northwesterly بعد، بينما تكون معتدلة إلى منعشة في القاهرة ومصر العليا شمالية غربية

winds with sandstorms, dusty conditions and decrease in temperature.

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 GMT TUESDAY 17th NOVEMBER 1953 — At 1800 GMT TUESDAY 17th NOVEMBER 1953

WIND DIR.	WIND VEL.	VISIBILITY	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORMS	BAR. PRESSURE MSL	BAR. PRESSURE Diff. from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MAXIMUM Today	TEMPERATURES MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN/DAY 12 hrs.	RAIN/DAY 24 hrs.	RAIN/DAY Total	RAIN/DAY Normal
320	26	35	02	1	4	Ac	11.4	22									
20	17	8	63	3	8	Ns, As	11.2	15 ?	14	94	360	21	10	61	6	8	Sc, As
300	15	8	05	2	6	Cu, Sc	9.7	22	13	57	350	27	10	81	8	8	St
											360	15	7	03	2	8	St
250	24	35	01	1	5	Cu, Sc, As	8.7	21	14	65	350	19	35	50	5	7	Cu, Sc
250	22	18	01	2	4	Cu, Sc	9.1	22	13	57							
220	5	7	02	1	7	Sc	9.0	21	14	65	270	5		01	1	5	Cu
250	20	18	03	0	5	Cu, Sc	9.2	21	14	65	280	18	14	03	1	5	Cu, Sc
250	6	18	03	1	3	Cu	9.1	23	7	50							
220	19	35	02	6	2	Cu	9.6	23	12	50	360	8	7	02	6	6	Cu
220	13	35	03	2	5	Cu	9.9	22	11	50	340	5	7	01	5	3	Sc, Cu
130	10	35	03	2	5	Cu, Ci	10.0	22	11	50	220	10	35	03	2	8	Ac, Cs
320	9	35	01	1	4	Cu	10.6	22	11	50	250	5	15	00	1	1	—
320	1	35	03	1	5	Cu	10.6	22	11	50	00	0	15	01	1	3	Cu
340	9	35	03	2	7	Ac	10.0	22	9	44	250	3	35	01	0	0	—
250	16	4	03	1	5	Cu, Ci	12.9	21	8	43							
210	11	30	03	2	6	Cu, Ci	10.8	23	8	38							
250	7	18	03	0	6	Sc, Cu, Ci	11.0	23	9	41	270	5	10	00	2	0	—
250	7	18	03	0	6	Sc, Cu, Ci	11.1	24	8	36	270	5	10	00	2	0	—
210	8	35	03	1	5	Cu, Ci	11.1	21	7	41	200	7	15	02	0	7	Ac
160	4	35	03	2	5	Cu, Sc	11.9	23	10	44	00	0	35	02	2	5	Cu, Sc
280	11	10	01	1	1	Ci	12.8	24	7	34	300	2	8	03	1	3	Ci
270	6	18	02	1	3	Ci	13.7	23	5	32	310	2	10	03	1	2	Ac
270	1	15	01	0	4	Ac, Ci	12.0	24	7	38	00	0	15	02	1	6	Cu, Ac
270	2	50	03	1	3	Ci	11.7	27	11	57	270	2	7	02	1	4	Ci
270	9	30	13	0	3	Cu, Ci	11.6	26	14	48							
340	6	50	01	1	3	Ac	12.2	25	15	54	360	3	50	00	0	3	Ac
270	2	35	03	1	4	Ac	14.4	21	10	50	270	1	15	02	1	1	Ac
280	6	50	03	1	3	Ci	15.4	22	6	36	340	15	35	00	0	0	—
											00	0	15	03	2	0	—
180	4	50	33	0	4	Cu	10.2	25	8	34	310	3	15	01	0	3	Cu
310	13	50	01	0	1	Ac	11.0	23	12	50	90	2	35	02	0	2	—
340	4	18	03	0	2	Cu, Ci	10.0	28	14	57	00	0	10	02	0	2	Ci
20	9	15	03	1	2	Ac	11.1	24	16	61	360	5	15	03	1	5	Ac

WIND DIR.	WIND VEL.	VISIBILITY	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORMS	BAR. PRESSURE MSL	BAR. PRESSURE Diff. from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MAXIMUM Today	TEMPERATURES MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN/DAY 12 hrs.	RAIN/DAY 24 hrs.	RAIN/DAY Total	RAIN/DAY Normal
270	2	35	03	1	4	Ac	14.4	21	10	50	270	1	15	02	1	1	Ac
280	6	50	03	1	3	Ci	15.4	22	6	36	340	15	35	00	0	0	—
											00	0	15	03	2	0	—
180	4	50	33	0	4	Cu	10.2	25	8	34	310	3	15	01	0	3	Cu
310	13	50	01	0	1	Ac	11.0	23	12	50	90	2	35	02	0	2	—
340	4	18	03	0	2	Cu, Ci	10.0	28	14	57	00	0	10	02	0	2	Ci
20	9	15	03	1	2	Ac	11.1	24	16	61	360	5	15	03	1	5	Ac

* 9 = Sky obscured by fog etc.

At 0600 GMT WEDNESDAY 18th NOVEMBER 1953

AREA	INDEX NUMBER	STATION	WIND DIR.	WIND VEL.	VISIBILITY	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORMS	BAR. PRESSURE MSL	BAR. PRESSURE Diff. from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MINIMUM Today	TEMPERATURES MINIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN/DAY 12 hrs.	RAIN/DAY 24 hrs.	RAIN/DAY Total	RAIN/DAY Normal
	308	SALLOUM	320	13	15	03	2	8	As	17.4	+1.0	9	4	7	-7	71	6	10		
	309	SIDI BARRANI	350	22	13	02	0	3	Cb	16.5		13	-1	8		38	8	13		
	318	MATRUH (A)																14?		
	319	EL DABAA	320	15	15	03	2	6	Sc	12.9		12	3	8		55	7	21		
	319	ALEXANDRIA	310	32	7	80	8	5	Cu, Sc	10.2	-7.9	13	4	11	-5	55	4	32	24	
	319	ALEXANDRIA (A)	320	24	18	81	8	6	Cu, Sc	9.7	-7.5	14	5	11	-4	55	8	21	21	
	330	DAMIETTA	220	9		50	5	7	Cb	8.8	-8.0	12	8	10	-5	77	7	29	15	
	332	PORT SAID (A)	260	29	10	01	8	5	Cu, Sc	8.5	-8.4	13	8	12	-6	72	4	28		
	335	EL ARISH	250	15	18	02	6	7	As	10.0	-7.2	12	11	11		74	2	6		
	336	DARKAMBUT	360	13	7	02	6	2	Cu	9.9	-8.2	12	8	11	-3	77	1	1	11	
	342	WADI HALFA	220	9	15	03	2	6	Ns	10.4	-6.9	12	8	11	-3	77	5	5	6	
	345	TANTA	220	5	35	03	2	7	Ns	11.6	-6.5	11	9	10	-2	88	7	9	6	
	351	SHEIKH EL NOMI	290	5	15	01	1	3	Cu	11.4	-6.4	12	8	11		77	4	10		
	356	ZAGAZIG	00	0	15	01	6	3	Cu	10.4	-7.3	13	9	11	-1	77	6	6	4	
	361	ISMAILIA	320	9	35	03	2	7	Ac	11.0		13	9	11		77	2	17		
	365	CAIRO (A)	300	20	14	01	5	3	Cu, Ac	12.4		12	8	10		77	0.5	1		
	366	CAIRO ALMAZA (A)	270	11	18	01	2	5	Sc, Ac	12.0	-5.4	12	9	11	-3	82	0.6	1		
	374	CAIRO EGYPTAIR	270	10	8	02	5	6	Sc, Cu, Ac	12.4	-5.4	12	9	11	-3	82	dr	dr	3	
	375	SUEZ	270	10	8	02	5	6	Sc, Cu, Ac	12.7	-5.0	13	8	11	-1	72	dr	0.2	4	
	376	HELWAN	270	18	15	03	6	3	cb, Ac, As	13.1	-5.0	12	8	10	-4	77	0.6	0.6	2	
	68	FAYOUM	360	6	35	02	6	5	Cb	14.4	-3.2	14	8	12	-1	67	0.2	0.2	0	
	382	MINYA (A)	320	11	8	21	6	8	Ac, As	14.9	-2.8	14	10	13	+1	77	0	0		
	388	ASYUT (A)	290	8	12	03	1	7	Ac, As	15.2	-2.4	14	7	13	0	63	0	0		
	389	NAG HAMADI	00	0	7	01	0	4	Ac	15.1	-2.5	15	9	10	-3	68	0	0		
	402	WENA	270	1	15	03	1	3	Ci	15.1	-1.4	17	7	11	-2	52	0	0		
	405	LUXOR (A)	270	7	30	03	0	1	Cu	14.7	-1.4	17	9	10		60	0	0		
	414	ESNA	00	0	50	01	1	1	Ci	16.3	+0.2	20	13	14	-2	64	0	0		
	417	SIWA																		0
	420	ASWAN (A)	270	5	35	02	1	4	Ac	11.6	-6.9	13	8	11	0	72	0	0		1
	428	KHARGA																		
	432	DAKHLA	220	9	35	01	1	3	Ci	17.0	-1.0	14	5	11	-1	55	0	0		
	435	KHARGA	00	0	15	02	1	8	Sc, Cu	16.2	-0.8	12	3	8	-4	55	0	0		
	450	SUEZ	310	4	35	00	1	7	Cu	11.4	-5.4	14	8	12	-3	67	4	14	4	
	456	TOR	220	9	35	01	1	2	Ci	11.5	-4.3	20	11	15	+1	56	0	0	2	
	460	RUWEISSA	00	0	18	02	0	1	Cu	11.2	-4.2	18	7	14	-2	49	0	0		
	465	GHARIB	330	5	15	02	0	0	—	11.4	-4.3	19	9	16	-3	52	0	0	2	
	471	RAS SUDAR																		
	630	WAD HALFA																		
	640	ABU HAMED																		
	650	KARSHA																		
	660	ATBARA																		
	721	KHARTOUM																		
	730	KASSALA																		
	751	WAD MEDANI																		
	801	PENK																		
	802	ROSEIRES																		
	771	EL OBEID																		
	760	EL FASHER																		
	770	GENEINA																		
	840	MALAKAL																		
	850	WAU																		
	941	JUBA																		

METARS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Minya		Asyout		Luxor		Aswân		Dakhla		Kharga											
DATE	18th		18th		18th		18th		18th		18th											
TIME	14		14		14	45	14		14		14											
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	320	14	300	23	320	1	270	15	340	17	340	12										
600 m.	320	23	300	24	320	10	280	17	330	20	340	13										
1000 m.	340	25	300	25	290	15	290	7	320	21	340	16										
1500 m.					270	21	290	11	290	21	310	18										
2100 m.							290	19														
2400 m.							250	18														
3000 m.																						
4000 m.																						
5000 m.																						
6000 m																						

STATION	P. Said		Minya		Asyout																	
DATE	19th		19th		19th																	
TIME	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.	290	29	300	23	310	22																
600 m.	260	40	320	30	320	30																
1000 m.	280	34	320	23	300	28																
1500 m.	290	30	320	29	300	27																
2100 m.																						
2400 m.																						
3000 m.																						
4000 m.																						
5000 m																						
6000 m																						

STATION	P. Said		Minya		Asyout		Bahariya		Fayafya		Dakhla		Kharga		Hurghada							
DATE	19th		19th		19th		19th		19th		19th		19th		19th							
TIME	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
300 m.	260	17	300	20	300	10	320	18	320	16	360	11	360	16	300	36						
600 m.	280	23	290	30	310	19	320	23	340	17	350	16	350	16	310	25						
1000 m.	290	37	290	05	320	20	310	19	340	20	350	22	350	16	310	36						
1500 m.			280	11	320	21	310	16	340	22	340	22	360	17	320	14						
2100 m.			290	26			320	29							310	40						
2400 m.			300	23			320	33							320	49						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																					
DATE	18th																					
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	70	15		300	25																			
1000 mb.	162	14		300	25																			
950 mb.																								
900 mb.																								
850 mb.	1519	4		300	29																			
800 mb.																								
700 mb.	3077	0		300	53																			
600 mb.																								
500 mb.	5659	-21		290	65																			
400 mb.	7280	-30																						
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 *Thursday 19th November*, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

* or rain and snow mixed

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*:

Moderate winds mainly northwesterly, freshening at times in the
North. Unusual cold spell continues, with increasing clouds and further
rain on the coast and Lower Egypt. Weather improves gradually as
from tomorrow.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 04 23 / Sunset 14 57

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

At 1200 on Wednesday 18th

Station	Wind dir.	Velocity (knots)	Visibility	Present weather	Past weather	Cloud amount	Cloud forms	Bar pressure	Dry bulb	Dew point	Relative humidity
62300 SALLUM	290	22	35	01	1	3	Cb	17.2	15	3	45
SIDI BARRANI	320	21	14	01	8	4	Cb, Ac	16.3	15	3	45
MATRUH (A)	320	24	8	60	6	7	NS	14.3	14	4	52
EL DABA	320	21	35	03	2	6	Cb	12.4	14	3	48
319 ALEXANDRIA											
ALEXANDRIA (A)	320	28	18	03	8	6	Cu, Sc	10.4	15	4	48
GAMIL [illegible]											
PORT SAID (A)	300	27	18	25	8	6	Cu, Sc	8.5	14	8	67
EL ARISH	240	18	1.1	07	1	4	Cb, Ac	8.1	15	3	45
DAMANHUR											
[illegible]	320	13	15	03	6	5	Ns	9.8	15	4	48
TANTA	310	16	35	03	6	6	Cu	10.8	15	4	48
SHEBIN EL KOM											
[illegible]	320	1	35	02	2	8	Sc	10.3	14	8	67
[illegible]											
CAIRO (A)	290	29	4	03	2	8	Sc	13.6	10	6	76
CAIRO ALMAZA (A)	290	25	10	50	6	7	Cu, Sc	13.2	12	7	72
374 [illegible]	290	13	12	03	8	8	Cu, Sc, Ac	13.5	12	8	77
375 [illegible]	290	13	12	03	8	8	Cu, Sc, Ac	13.1	15	7	59
HELWAN	270	25	7	20	5	6	Cb	12.6	15	2	42
[illegible]	360	8	35	02	2	7	Cb	10.6	17	4	42
[illegible]	320	11	10	03	2	4	Cu	14.7	18	-1	28
[illegible]	300	15	18	02	2	6	Sc	14.9	18	-2	26
[illegible]											
[illegible]											
[illegible]	240	10	30	03	1	4	Cu	13.6	21	14	65
[illegible]											
[illegible]											
[illegible]	320	3	35	02	2	4	Ae	15.0	15	4	48
[illegible]									17		
[illegible]	320	9		02	1	5	As	16.7	18	1	32
[illegible]	320	6	15	02	2	5	Sc	15.4		6	
[illegible]	10	5	50	01	0	4	Cb	11.5	17	4	42
[illegible]	270	9	50	03	2	5	Ae	11.9	20	11	56
[illegible]											
[illegible]	330	9	15	00	1	2	Ae	11.6	25	8	34

At 1800 on Wednesday 18th

Station	Wind dir.	Velocity (knots)	Visibility	Present weather	Past weather	Cloud amount	Cloud forms	Bar pressure	Dry bulb	Dew point	Max. today	Max. diff. from normal	Relative humidity	Rain past 12 hrs (mms)
62300 SALLUM	320	17	7	80	8	6	Cb	19.2	12	0	20	-4	44	17
SIDI BARRANI	350	25			8	4	Cu	18.6	13	1	16		44	0.2
MATRUH (A)	330	30	12	02	2	6	Cu	16.2	13	3	16		51	4
EL DABA	320	22	7	03	2	7	Ns	14.1	12	5	15		63	2
319 ALEXANDRIA	310	38	7	80	8	6	Cu, Sc	12.7	11	9	16	-8	88	1
ALEXANDRIA (A)	320	24	12	25	8	7	Cu, Sc	12.1	13	4	16	-8	55	3
GAMIL [illegible]	220	9	1.5	03	8	7	Cb	10.6	12	5	13	-10	63	2
PORT SAID (A)	270	23	14	25	8	7	Cu, Sc	11.1	11	5	15	-9	67	dr.
EL ARISH														
DAMANHUR	310	9	7	02	6	7	Cu	12.7	10	8	15	-10	88	4
[illegible]	320	5	3	52	5	8	Cu, Sc	11.8	11	9	17	-9	88	dr.
TANTA	310	13	7	03	6	8	So	12.7	10	8	17	-9	88	3
SHEBIN EL KOM	320	5	15	01	0	4	Cu	13.4	10	8	16		88	2
[illegible]	00	0	15	02	2	8	Sc	13.6	11	10	17	-9	94	1
[illegible]	320	8	35	03	6	7	Ac	14.2	11	7	17		77	1
CAIRO (A)	290	26	12	02	2	8	Cu, Sc	15.3	12	6	16		67	2
CAIRO ALMAZA (A)	250	16	12	03	5	8	Sc	14.9	12	5	15	-10	63	1
374 [illegible]	270	8	8	25	8	7	Sc, Cu, Ac	15.1	12	6	15	-11	67	1
375 [illegible]	270	8	8	25	8	7	Sc, Cu, Ac	14.8	12	6	17	-6	67	0.2
HELWAN	290	9	15	02	6	6	Sc	16.0	11	4	16	-9	63	0.3
[illegible]	360	6	35	01	1	4	Cb	16.2	13	4	18	-9	55	0
[illegible]	300	11	8	01	2	5	Cu	17.2	14	0	19	-8	39	0
[illegible]	290	5	10	02	1	4	Sc	18.2	13	1	19	-8	44	0
[illegible]	320	3	7	01	1	2	Cu	16.8	15	4	25	-4	48	0
[illegible]	270	1	7	02	1	2	Cu	14.4	15	1	24	-6	39	0
[illegible]														
[illegible]	360	3	50	01	1	2	Ae	13.8	22	11	25	-5	50	0
[illegible]														
[illegible]	320	1	15	02	1	2	Ae	19.1	12	5	16	-10	63	0
[illegible]	320	8	15	01	2	3	Cu, Ci	18.8	14	10	16		77	0
[illegible]	340	9	15	01	1	3	Ci	19.5	14	-1	18	-10	36	0
[illegible]														
[illegible]	310	5	15	01	0	3	Cb	16.3	14	3	19	-7	48	0
[illegible]	310	19	35	03	2	6	Ae	14.4	18	8	24	-2	52	0
[illegible]														
[illegible]	310	9	15	02	1	2	Ae	14.0	21	10	26	-1	50	0

At 0600 on Thursday 19th November, 1953

Station	Wind dir.	Velocity (knots)	Visibility	Present weather	Past weather	Cloud amount (0-8)	Cloud forms	Bar pressure M.S.L. (mb.)	Diff. from normal (mb.)	Dry bulb	Dew point	Min. today	Min. diff. from normal	Relative humidity	Rainfall past 24 hrs	Rainfall total	Rainfall normal
62300 SALLUM	290	13	15	03	2	8	Ns	21.5	+4.1	11	4	8	-6	63	0.1	10	
SIDI BARRANI	350	19	14	02	8	6	Cb	19.9		14	5	10		55	0.2	13	
MATRUH (A)	340	27	12	60	8	7	Ns	18.7	+1.0	15	4	6		48	6	20	
EL DABA	340	39	15	03	2	6	Sc	16.2		12	5	7		63	2	23	
319 ALEXANDRIA	310	30	15	80	8	5	Ns, Sc	14.7	-3.5	13	7	9	-7	67	1	33	26
ALEXANDRIA (A)																21	22
GAMIL [illegible]	250	13	3	60	6	7	Ns, Sc	14.3	-2.6	12	8	8	-7	77	8	37	15
PORT SAID (A)																	
EL ARISH																	
DAMANHUR	310	13	7	02	6	3	Cu	14.0	-4.1	12	8	9	-4	77	6	7	11
[illegible]	270	5	7	52	6	8	Ns	14.8	-2.5	10	3	9	-5	62	4	9	6
TANTA	220	13	35	01	6	4	Cu	16.2	-1.9	13	9	8	-4	77	3	12	6
SHEBIN EL KOM	320	5	15	01	1	4	Cu	15.5	-2.4	10	8	8		88	2	12	
[illegible]	00	0	15	02	1	3	Cu	15.0	-2.8	11	7	8	-4	77	1	7	4
[illegible]	50	11	35	03	1	4	Cu	14.8		10	6	8		76	1	18	
CAIRO (A)	250	10	12	03	0	6	Ns	17.3		9	5	8		76	4	5	
CAIRO ALMAZA (A)	250	16	30	03	2	5	Sc	17.2	-0.3	10	5	8	-6	71	1	2	
374 [illegible]	270	11	8	25	8	8	Ns Ac	17.4	-0.3	10	5	9	-5	71	1	1	3
375 [illegible]	270	11	8	25	8	8	Ns, Ac	17.4	-0.3	11	5	8	-4	67	0.6	1	4
HELWAN	200	5	15	20	5	5	Ns, Ac, As	18.4	+0.3	8	6	8	-6	88	0.3	1	3
[illegible]	360	8	35	02	1	3	Cu, Sc	19.4	+1.7	10	6	6	-6	76	0.2	0.4	12
[illegible]			8	02	0	0	—	20.7	+3.0	9	4	7	-4	71	0	0	
[illegible]	290	5	18	02	0	0	—	21.5	+3.8	10	2	7	-5	58	0	0	
[illegible]	270	1	7	00	1	0	—	20.7	+4.1	12	3	7	-5	55	0	0	
[illegible]	270	2	35	00	0	0	—	21.1	+4.5	15	1	6	-7	39	0	0	
[illegible]	320	5	30	02	0	0	—	20.5	+4.3	13	8	6	-6	72	0	0	
[illegible]	340	4	50	00	0	0	—	21.6	+5.4	13	7	10	-6	67	0	0	
[illegible]	270	6	18	01	0	0	—	23.4	+4.4	7	4	6	-3	81	0	0	0
[illegible]	270	2	35	02	0	0	—	22.0	+3.5	10	6	6	-5	76	0	0	1
[illegible]	290	3	35	00	0	0	—	23.6		8	3	6		71	0	0	
[illegible]	320	4	50	00	0	0	—	23.6	+4.8	9	-2	5	-7	47	0	0	
[illegible]																	
[illegible]	220	6	35	00	0	4	Cu	16.4	-0.4	14	5	10	-5	55	0	14	4
[illegible]	360	5	35	20	6	6	Cu	18.3	+2.4	12	4	10	-4	59	Rain	Rain	2
[illegible]	360	15	18	02	0	1	Cu	17.2	+1.8	14	0	11	-4	39	0	0	
[illegible]	310	13	15	02	0	0	—	18.3	+2.5	15	4	12	-7	48	0	0	2

Stations with no entries: KHARTOUM, KASSALA, WAD MEDANI, EL OBEID, 780 EL FASHER, 770 GENEINA (Central Sudan); 840 MALAKAL, WAU, JUBA (S. Sudan)

RETARDS DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	P. SAID		MINYA		ASYOUT		LUXOR		ASWAN		FARAFRA		DAKHLA		KHARGA		HURGHADA					
DATE	19th		19th		19th		19th		19th		19th		19th		19th		19th					
TIME	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	280	32	320	27	310	22	290	10	350	19	280	5	340	9	360	13	300	19				
600 m	280	47	310	16	310	23	320	20	350	27	290	15	320	12	360	19	300	23				
1000 m	280	36	300	20	320	22	310	25	340	31	280	16	320	18	350	18	300	28				
1500 m	290	26	310	13	330	20	310	16	330	21			330	19	360	18	330	20				
2100 m			310	29	320	28	350	26					340	30			310	14				
2400 m			310	31	320	28	350	24					340	26								
3000 m																						
4000 m																						
5000 ft																						
7000 m																						

STATION	MINYA		ASYOUT		W. HALFA		ATBARA		KHARTOUM		KASSALA		EL OBEID		MALAKAL		JUBA	
DATE	20th*		20th		20th		20th		20th		20th		20th		20th		20th	
TIME	02		02		04		04		04		04		04		04		04	
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	360	4	310	16	10	17												
600 m	340	5	330	25	20	28	10	27	360	22	350	11			10	50	270	5
1000 m	330	3	330	24	30	30	10	30	360	23	20	13	20	27	20	54	330	7
1500 m	330	9	310	30	50	27	130	3	360	15	50	13	50	17	30	34	40	10
2100 m							270	3	330	5	140	7						
2400 m					270	8	260	9	260	4	360	3	300	4	90	10	50	8
3000 m					290	9	250	13	250	16	290	3	270	4	80	16	70	8
4000 m									330	17								
5000 ft					270	34			230	12	220	9	140	10				
7000 m					280	38			220	5	210	13	70	15				

STATION	S. BARRANI	MINYA	ASYOUT	DAKHLA	HURGHADA													
DATE	20th	20th	20th	20th	20th													
TIME	08	08	08	08	08													
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	350	22	330	7	320	9	340	6	310	23								
600 m	350	33	330	11	340	14	360	13	310	23								
1000 m	350	27	330	17	340	15	360	17	310	19								
1500 m	350	30	330	30	340	15	350	18	320	15								
2100 m			320	24			330	23	350	12								
2400 m			300	28			330	16										
3000 m																		
4000 m																		
5000 m																		
7000 m																		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	CAIRO A.P.																	
DATE	19th																	
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	70	12		280	29													
900 mb	120	12		280	29													
850 mb	1457	2		290	43													
800 mb																		
700 mb	2990	-8		280	44													
600 mb																		
500 mb	5574	-17																
400 mb	7214	-29																
300 mb																		
200 mb																		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE *Friday 20th November,* 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

Code	Description	Qualifier
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
31		no change
32		increased
33		decreased
34	Severe duststorm or sandstorm	no change
35		increased
36	Slight or moderate drifting snow	low
37	Heavy	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 "	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 "	during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " continuous	slight
52	" " intermittent	moderate
53	" " continuous	moderate
54	" " intermittent	thick
55	" " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " continuous	slight
62	" " intermittent	moderate
63	" " continuous	moderate
64	" " intermittent	heavy
65	" " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " "	slight
72	Intermittent " "	moderate
73	Continuous " "	moderate
74	Intermittent " "	heavy
75	Continuous " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star-like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail, with or without rain, slight	
88	" " moderate or heavy	
89	Shower (s) of hail, with or without rain, slight	
90	" " moderate or heavy	
91	Slight rain	
92	Moderate or heavy rain	during preceding hour
93	Slight snow	during preceding hour
94	Moderate or heavy snow	during preceding hour
95	Thunderstorm, slight or moderate, without hail	
96	" " with hail	
97	" heavy without hail	
98	" with duststorm or sandstorm	
99	" heavy with hail	

This qualifier applies to all thunderstorms

* or rain and snow mixed

PAST WEATHER "W"

Code	Description
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

Code	Cloud
Ci	Cirrus
Ca	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 :*

Northwesterly winds, moderate inland, fresh on the coast occasionally strengthening. Low clouds continue in Lower Egypt, especially by day, with possible scattered showers in Middle Egypt. In Upper Egypt mild weather with moderate northwesterly winds.

من ظهر اليوم إلى ظهر الغد

يأخذ الجو في الدفء تدريجيا والرياح شمالية غربية معتدلة في الداخل ونشطة تشتد أحيانا على الساحل - ويستمر ظهور السحب المنخفضة في الوجه البحري خاصة أثناء النهار مع احتمال الأمطار في جهات متفرقة حتى مصر الوسطى - أما في الصعيد فالرياح شمالية غربية معتدلة والطقس معتدل

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

SYNOPTIC SURFACE OBSERVATIONS

04 21
14 57

Greenwich Mean Time (G.M.T.) [Two hours slower than local time]

1200 Thursday 19th

320	20	35	03	2	8	As	21.0	15	4	48	290	19	15	02	2	8	As	22.7	14	1	19	-5	42	0	
320	20	14	02	2	4	Cb	19.9	15	6	57	350	19	12	02	2	8	Cu,Sc	22.4	15	4	17		48	0	
330	21	12	60	6	7		18.9	14	7	63															
320	16	35	03	2	7		17.5	14	8	67	320	17	7	03	2	7	Ns,Cu	19.7	11	11	16		97	0	
310	32	15	02	1	5	Cu,Sc	15.6	15	4	48	310	30	15	02	8	5	Cu,Sc	18.3	14	8	16	-8	67	0.1	319
320	29	18	02	2	7	Cu,Sc	15.6	15	4	48															
280	25	30	02	8	7	Cu,Sc	13.4	14	10	77	280	22	12	02	8	4	Cu,Sc	16.8	13	9	15	-9	77	2	
260	18	0.5	07	4	2	Cb	11.9	15	3	45															
310	19	15	02	5	4	Cu	15.5	15	7	59	310	19	3	02	5	7	Cu	17.9	12	8	15	-10	77	dr.	
320	19	35	03	5	4	Sc,Cu	14.4	15	7	59	270	2	7	03	2	5	Sc,Cu	17.6	11	7	16	-10	77	dr.	
310	13	35	03	2	5	Cu	15.9	16	8	59	310	5	35	01	1	3	Cu	19.8	13	11	16	-10	88	0	
340	13	15	01	1	4	Cb	15.9	17	7	52															
320	2	35	02	1	3	Cu	15.4	16	8	59															
270	5	35	51	5	7	Ns	15.1	15	4	48															
310	14	14	02	1	7	Cu,Sc	17.8	14	5	55															
270	11	18	01	1	5	Ns	17.0	16	6	52															
270	6	14	01	8	6	Sc,Cu,Ac	17.1	16	6	52	270	6	8	03	8	7	Sc	19.8	12	9	16	-9	82	dr.	374
270	6	14	01	8	6	Sc,Cu,Ac	17.1	18	5	43	270	6	8	03	8	7	Sc	19.8	13	9	18	-7	77	0.1	375
290	24	15	50	5	7	Cb	17.6	15	1	39	290	10	15	50	5	8	Ns,As	21.1	11	9	15	-10	88	dr.	
360	8	35	20	5	7	Cb	19.4	16	8?	59															
320	15	8	03	1	4	Cu	19.0	19	2	32															
300	10	18	02	1	2	Cu	20.0	17	0	32															
320	3	15	01	0	2	Cs	17.9	19	4	37	270	1	7	00	1	0	—	20.3	14	5	20	-8	55	0	
270	2	50	00	0	0	—	19.1	20	3	33	270	1	7	00	0	0	—	20.7	12	3	21	-9	55	0	
300	9	30	02	1	2	Cu	19.6	18	9	56															
340	8	15	09	3	0	—	19.6	18	6	46	360	3	50	01	1	2	Ci	21.9	10	4	18	-12	67	0	
270	7	18	03	0	2	Sc	23.1	17	1	34															
320	3	35	02	1	1	Cu	22.4	16	5	49	320	3	15	02	2	8	Ac	22.8	14	8	17	-9	67	0	
350	16	35	03	0	3	Cu	22.6	16	3	42	320	2	15	00	1	0	—	24.2	10	0	17		50	0	
320	4	50	00	0	0	—	23.0	16	-1	32	00	0	15	00	0	0	—	24.4	12	0	17	-11	44	0	
340	6	15	00	0	0	—	20.3	18	-1	28	00	0	15	00	0	0	—	22.0	12	3	19	-9	55	0	
220	8	50	03	0	5	Cu	16.2	19	4	37															
310	9	35	01	1	4	Cu	17.6	18	6	46			35	03	2	6	Cu	19.6	13	7	18	-8	67	0	
280	10	18	02	0	2	Cu	17.0	18	3	37	260	3	10	02	0	1	Cu	19.5	14	0	19	-6	39	0	
270	9	15	02	0	0	—	17.8	20	3	33															
20	15	30	02	1	4	Sc,Cu,Cs	13.7	29	19	55	340	15	30	03	2	5	Cb,Cs	16.3	24	16	29		61	0	
20	14	30	02	1	4	Ci	19.0	20	-2	23	330	12	30	02	1	4	Ci	21.8	15	-3	21		30	0	
340	4	30	01	1	2	Ci		25	5	28	360	4	30	01	0	0	—		19	1	25		30	0	
360	10	30	01	2	1	Ci	16.0	25	4	26	360	8	30	01	0	0	—	18.3	19	2	26		32	0	
360	13	10	7	1	2	Ci	13.3	27	4	23	350	10	30	01	0	0	—	18.1	21	5	27		35	0	
320	8	30	03	2	7	Cs	13.3	27	2	20	340	7	30	01	2	3	Cs	15.0	23	3	28		27	0	
360	3	30	03	2	7	Cs	10.5	31	5	19											32				
310	19	35	02	0	8	Ci		32	10	26															
																					33				
50	8	30	03	0	6	Cs	11.8	27	0	17	360	8	30	01	2	2	Cs	13.7	23	2	28		26	0	
																					29				
70	11	50	02	0	0	—		29	-3	12	20	10	30	02	0	0	—		23	-1	31		20	0	
30	11	30	03	0	5	Ac,Ci	8.9	33	3	15	360	4	30	01	1	0	—	11.6	23	12	33		50	0	
40	7	10	04	2	1	Ac	8.1	35	10	22											37				
20	5	30	02	2	5	Cb,Ci	7.3	34	15	32	180	9	30	01	2	6	Ac,Ci	10.2	25	19	35		70	0	

0600 Friday 20th November, 1953

290	9	15	03	2	8	As	25.4	+8.0	14	5	10	-4	55	0	10								
330	15	13	02	2	7	Sc,Ae,As	24.4		16	2	14		39	0	13								
350	19	18	01	2	6	Cu,Sc	23.9	+6.2	14	7	9		63	1	21								
340	17	15	03	2	7	Sc	22.4		14	5	10		55	0	23								
310	24	15	02	1	5	Cu,Sc	21.6	+3.4	15	4	11	-5	48	0.3	33	28							
330	23	12	03	8	7	Cu,Sc	21.4	+4.1	15	4	12	-2	48	3	24	23							
250	5	7	20	6	6	Cu,Sc	20.0	+3.1	12	8	10	-5	77	8	45	16							
260	18	12	02	8	3	Cu,Sc	20.1	+3.1	12	9	11	-7	82	4	32								
360	9	7	02	6	6	Cu	20.8	+2.6	12	8	10	-3	77	1	8	12							
360	2	15	03	2	6	Sc,Cu	21.4	+4.0	12	8	8	-6	77	dr.	9	7							
220	4	35	03	2	5	Cu	20.7	+2.5	13	9	10	-2	77	0	12	6							
220	5	15	01	1	4	Cu	22.0	+4.1	12	10	9		88	0	12								
00	0	15	02	1	3	Cu	21.6	+3.8	12	8	8	-4	77	0	7	4							
250	7	35	01	1	3	Ac	21.2		12	9	10		88	dr.	18								
250	10	10	03	2	6	Sc	23.1		12	8	10		77	1	6								
220	7	12	03	2	6	Sc,Ae	22.9	+5.4	11	9	10	-4	88	dr.	2								
270	8	10	01	2	3	Sc,Cu,Ae	23.1	+5.4	11	8	10	-4	82	dr.	1	3							
270	8	10	01	2	3	Sc,Cu,Ae	23.1	+5.3	13	8	9	-2	72	0.3	1	4							
270	3	15	01	2	6	Sc	24.3	+6.1	11	3	9	-5	77	2	3	3							
360	4	35	02	1	2	Sc,Cu	24.3	+6.5	10	6	6	-6	76	0.2	1	0							
340	3	8	02	1	3	Ac	25.1	+7.3	10	6	5	-6	76	0	0								
270	3	14	02	0	0	—	26.0	+8.2	11	-1	6	-6	44	0	0								
00	0	7	00	0	0	—	25.1	+8.5	12	5	5	-6	63	0	0								
270	1	35	00	0	0	—	24.6	+7.8	11	5	6	-7	67	0	0								
20	4	50	01	1	2	Ci	24.6	+8.3	13	7	9	-7	67	0	0								
00	0			0	0	—	26.2	+7.6	11	7	7	-4	77	0	0	1							
350	4	35	00	0	0	—	26.2		10	6	6		76	0	0	1							
220	4	35	00	0	0	—	25.8	+7.6	10	0	4	-7	50	0	0								
00	0	15	00	0	0	—	25.8	+8.6	10	0	3	-9	50	0	0								
310	4	35	00	0	4	Cu	23.1	+6.2	16	3	12	-3	42	0	14	4							
360	9	35	03	2	4	Cu	22.0	+6.0	16	10	10	-4	68	0	Rain	3							
260	8	18	02	1	2	Sc,Ci	22.0	+6.5	16	3	10	-5	42	0	0								
270	5	15	02	0	0	—	22.4	+6.5	15	7	12	-7	59	0	0	2							
340	20	30	01	0	2	Ac	19.0		23	15	10		61	0									
20	5	30	01	0	0	—	25.2		11	-1	6		44	0									
360	6	30	02	0	0	—			13	-4	11		31	0									
20	9	30	02	0	0	—	22.6		13	-4	11		31	0									
340	19			0	0	—	19.3		17	-3	13		26	0									
10	13	30	02	0	0	—	19.9		17	1	15		34	0									
320	4	30	02	0	0	—	16.9		19	7	13		46	0									
310	2	35	02	0	0	—	16.1		21	5	15		35	0									
360	13	30	02	0	0	—	19.0		17	2	14		37	0									
20	4	30	02	0	0	—			15	2	10		42	0									
40	12	50	02	0	0	—			16	1	14		36	0									
20	19	30	01	1	3	Ci	15.5		12	8	16		77	0									
20	5	10	04	0	0	—	15.1		21	13	17		61	0									
180	2	30	02	2	6	Ac,Cs	14.2		24	19	18		74	0									

AERO DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Berrani 20-11 14		El-Arish 20-11 14		Minya 20-11 14		Asyout 20-11 14		Aswan 20-11 14		Farafra 20-11 14		Dakhla 20-11 14		Kharga 20-11 14		Hurghada 20-11 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
340	16	260	33	340	13	340	20	360	14	320	10	340	15	360	17	340	26
340	16	270	34	330	17	340	19	350	9	330	10	340	19	350	19	340	30
350	16	280	30	330	21	340	13	340	2	350	10	340	20	350	18	320	17
340	12	290	21	320	16	330	17			360	12	360	8	350	15	290	18
350	10					300	24									350	18
						300	25										

Alex.A.P. 21-11 04		P.Said 21-11 03		Minya 21-11 02		Asyout 21-11 02		Luxor 21-11 02						Farafra 21-11 08		Hurghada 21-11 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
320	14	300	12	340	16	360	16	20	10					40	10	320	9
320	16	310	12	350	14	360	20	20	18					40	14	320	10
320	16	330	12	340	18	360	17	30	21					40	16	320	12
		300	20	340	13	360	21	60	10					50	26	330	7
						340	22	80	9					40	16	340	8
								70	10							320	19

S.Berrani 21-11 08		Matruh 21-11 08		El-Arish 21-11 08		Almaza 21-11 09		Minya 21-11 08		Asyout 21-11 08		Luxor 21-11 0830		Suez 21-11 08		Baharyia 21-11 08		Dakhla 21-11 08		Kharga 21-11 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
330	14	280	12	260	12	300	6	330	4	20	13	360	12	20	10	30	6	350	4	40	10
320	16	300	11	280	8	320	7	20	12	10	13	10	11	40	8	30	4	20	12	40	16
320	10	320	10	300	7	330	7	20	23	10	14	20	7	20	7	30	10	20	16	40	27
290	6			310	5			30	15	80	18	20	2	340	8	20	14	20	18	30	21
				340	8			360	24	340	21	350	16	20	10			20	17		
				340	15			340	29	340	23	320	14	30	6						
								330	25			320	17	360	9						
														320	16						
														330	15						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

Cairo A.P. 20-11 15																					
ALT M	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT M	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT M	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT M	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT M	TEMP °C	HUM %	WIND DIR	WIND SPEED
70	16		310	18																	
196	14		310	18																	
1537	1		300	22																	
3078	-3		310	47																	
5661	-21		310	48																	
7275	-34		300	52																	
9267	-46		300	58																	
11890	-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 Saturday 21st November 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud developing or less developing during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust or sand whirls this hour
09 Dust or sand storm of late last hour
10 Mist
11 Patches of shallow fog not more than 2 m
12 Continuous shallow fog not more than 2 m
13 Lightning seen, thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant > 5 kms
16 " near but not at station
17 Thunder but no precipitation
18 Squalls
19 Funnel cloud(s) within 5 km during past hour
20 Drizzle (not freezing)
21 Rain (not freezing)
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 " of hail, or of rain and hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate dust storm — decreased during preceding hour
31 " " " — no change during preceding hour
32 " " " — increased during preceding hour
33 Severe dust storm — decreased during preceding hour
34 " " " — no change during preceding hour
35 " " " — increased during preceding hour
36 Slight or moderate blowing snow
37 Heavy " "
38 Slight to moderate drifting snow
39 Heavy " "
40 Fog at a distance not during last hour
41 Fog 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
47 " " not " " during last hour
48 Fog 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 Drizzle freezing slight
57 " " moderate or thick
58 Drizzle 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 Rain or drizzle and snow slight
69 " " " moderate or heavy
70 Intermittent fall of snowflakes slight
71 Continuous " " "
72 Occasional " " moderate
73 Continuous " " "
74 Intermittent " " heavy
75 Continuous " " "
76 Ice needles
77 Snow grains
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower(s) slight
81 " " moderate or heavy
82 " " violent
83 Snow " slight
84 " " moderate or heavy
85 Snow shower(s) slight
86 " " moderate or heavy
87 Snow pellet shower(s) slight
88 " " " moderate or heavy
89 Hail shower(s) with or without rain
90 " " " thunder slight
91 " " " " moderate or heavy
92 Thunderstorm during last hour but not at present slight
93 " " " " " moderate or heavy
94 Thunderstorm combined with dust storm or sand storm slight
95 " " " " " moderate or heavy
96 Thunderstorm combined with hail slight
97 " " " moderate or heavy
98 Thunderstorm with dust storm or sandstorm
99 " " 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

C_L Cirrus
C_C Cirrostratus
C_U Cirrocumulus
A_S Altocumulus
A_C Altostratus
S_C Stratocumulus
N_S Nimbostratus
C_B Cumulonimbus
F_C Fractocumulus
F_S Fractostratus
C_U Cumulus
S_T Stratus

GENERAL FORECAST: From noon today to noon tomorrow. من ظهر اليوم الى ظهر غد.

Still warming with northwesterly moderate winds becoming variable at times, Freshening on the Coast at times, Low clouds in the North. In Upper Egypt the weather is generally fine.

يستمر الجو دافئ والرياح شمالية غربية معتدلة تتغير أحيانا، وتنشط أحيانا على الساحل، وتظهر سحب منخفضة في الشمال. وفي الصعيد فالطقس لطيف بوجه عام.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 04 25 / 14 57

1200 FRIDAY 20th NOVEMBER 1953											1800 FRIDAY 20th NOVEMBER 1953															0600 SATURDAY 21st NOVEMBER 1953																
											320	9	15	01	1	4	Sc, Cu	26.8	15	1	17	-7	39	0		290	17	15	03	2	8	As	27.5	+10.1	14	3	11	-3	48	0	10	
330	12	15	01	2	7	Cu, Ac	25.5	17	2	37	350	11	14	02	2	6	Ac, As	26.8	16	4	17		45	0		220	5	13	02	2	7	Cu, Ac, As	26.7		14	7	12		63	0	13	
340	18	15	02	2	7	Sc	24.8	17	7	52	330	12	12	02	2	7	Sc	26.3	15	6	17		55	0		250	11	12	01	3	7	Sc	26.6	+8.9	13	8	12		72	0	21	
340	16	35	03	2	7	Sc	23.2	16	5	49	360	11	7	03	2	6	Sc	26.0	15	4	17		48	0		340	13	15	02	1	4	Cb	25.9		16	8	14		59	0	23	
310	22	15	03	1	6	Sc, Cu	22.0	16	8	59	310	16	15	03	1	6	Cu, Sc	24.2	13	7	17	-7	67	0	317	350	13	35	01	1	5	Cu	25.9	+7.7	16	8	15	-1	59	0	34	29
330	20	18	02	2	7	Cu, Sc	22.3	16	7	56	330	13	14	02	2	7	Sc	24.3	15	5	17	-7	52	0		360	14	18	02	2	7	Scs	25.7	+8.4	17	6	14	0	49	1	trace	24
320	5	7	20	6	6	Cu, Sc	21.7	14	5	55	320	5		01	2	6	Cu	23.6	15	8	16	-7	63	1		220	2		03	1	7	Sc	25.4	+8.4	13	11	11	-4	88	1	46	16
310	20	12	81	8	6	Cu, Sc	21.1	15	11	77	280	13	12	25	8	6	Cu, Sc	23.3	14	11	18	-5	82	1		280	11	18	02	2	7	Sc	25.6	+8.6	13	11	12	-6	88	1	RAIN	
270	24	14	01	6	3	Cb	18.9	16	7	56																240	6	18	02	2	7	Cb, As	24.5	+7.1	12	9	11		82	13?	RAIN	
											310	9	15	02	1	6	Cu	24.3	13	9	16	-9	77	0		230	5	7	02	1	2	Cu	25.8	+7.6	14	8	11	-2	67	0	8	12
320	5	15	03	2	7	Sc, Cu	22.2	17	7	52	320	2	7	03	2	4	Sc, Cu	23.9	13	7	19	-6	67	0		360	2	15	03	2	4	Cu	26.2	+8.8	13	7	10	-4	67	0	9	7
310	8	35	03	2	7	Cu	22.2	16	10	68	310	4	35	01	2	6	Cu	24.4	12	10	17	-8	88	0		00	0	35	02	0	0	—	25.6	+7.4	10	8	6	-6	88	0	12	6
320	9	35	01	1	4	Cb	22.7	18	8	52	320	2	15	01	1	1	Cu	24.5	10	8	18		88			320	2	15	00	0	0	—	25.9	+7.9	12	8	7		77	0	12	
320	3	35	03	1	7	Cu	21.9	17	9	60	00	0	15	02	1	7	Cu	24.0	12	8	19	-6	77	0		00	0	15	02	1	4	Cu	26.2	+8.3	9	7	7	-5	88	0	7	4
250	4	35	03	2	7	As	21.6	17	7	52	320	3	35	03	1	3	Ac, As	24.0	13	4	19		55	0		270	3	35	03	2	8	As	25.8		12	8	11		77	0	18	
290	15	18	02	2	7	Sc	23.1	17	6	49	300	4	12	01	2	3	Ac	25.2	13	8	17		72	0		220	5	12	03	0	1	Sc	26.2		14	6	9		59	0	6	
260	8	30	02	5	7	Sc, Ac	22.6	16	7	56	290	3	12	01	1	3	Cu, Ac	24.6	14	7	17	-8	63	dr		170	1	12	03	1	1	Cu	26.5	+8.9	12	7	9	-5	72	dr	1	
270	7	14	03	1	8	Cu, Sc	22.4	16	6	52	270	3	8	01	2	7	Sc, AC	24.7	13	8	17	-8	72	0	374	00	0	2	10	4	0	—	26.4	+8.6	12	6	8	-5	67	0	1	3
280	7	14	03	1	8	Cu, Sc	22.6	19	7	46	270	3	8	01	2	7	Sc, AC	24.7	14	8	19	-6	67	0	375	00	0	2	10	4	0	—	26.8	+9.0	10	8	7	-4	88	0	1	5
																																										3
360	6	35	02	2	8	Cb	24.3	17	7	52	360	4	35	02	2	8	Cb	25.1	14	8	18	-8	67	0		00	0	15	02	0	0	—	27.5	+9.6	12	10	7	-5	88	0	1	0
350	12	10	02	2	7	Sc	24.0	18	3	37	360	6	8	02	2	7	Sc	25.1	15	5	18	-8	52	0		340	5	8	02	0	0	—	26.8	+8.9	12	8	7	-4	77	0	0	
340	6	30	02	1	4	Cu	23.0	21	1	27	260	3	12	03	1	4	Sc	25.6	13	3	18	-8	51	0		270	1	12	02	1	1	Ac	27.5	+9.7	11		8	-4				
270	1	15	01	0	3	Ac	22.8	20	11	56	270	2	7	00	1	0	—	24.0	14	5	20	-8	55	0		270	1	7	00	0	0	—	25.2	+8.5	13	7	5	-6	67	0	0	
270	1	50	00	0	0	—	22.7	20	9	49	270	1	7	00	0	0	—	23.3	15	1	21	-8	39	0		270	1	35	00	0	0	—	24.0	+7.1	13	4	5	-8	55	0	0	
220	8	30	02	0	0	—	22.8	19	4	52	310	5	12	02	0	0	—	23.9	14	6	19		59	0		290	3	30	02	0	0	—	25.0	+8.6	12	4	4		59	0	0	
360	8	15	09	3	0	—	22.6	18	8	52	360	6	50	00	0	0	—	23.3	16	5	19	-11	49	0		20	4	50	01	1	2	Ci	25.4	+9.0	12	8	9	-6	77	0	0	
330	5	18	03	2	7	Sc	26.8	18	3	37	00	0	10	01	2	2	Sc, Ac, As	27.5	14	3	18	-7	48	0		00	0	18	02	0	0	—	28.9	+9.8	7	2	4	-5	71	0	0	1
											360	1	15	02	2	8	Ac	26.8	14	9	18	-7	72	0		00	0	35	02	1	0	—	27.8	+9.1	11	7	5	-5	77	0	0	1
											360	6	15	00	1	0	—	27.1	12	5	18		63	0		00	0	35	03	2	7	Sc	28.4		8	3	6		71	0	0	
320	9	30	01	1	2	Ci	25.4	17	4	42	340	9	15	00	0	0	—	26.6	13	1	18	-9	44	0		00	0	50	01	1	0	—	27.9	+9.6	10	0	6	-5	50	0	0	
360	6	7	00	0	0	—	23.6	19	1	30	20	3	15	00	0	0	—	24.2	13	1	20	-8	44	0		40	2	35	00	0	0	—	25.5	+8.2	12	5	7	-5	63	0	0	
310	6	50	03	0	6	Cu	22.2	17	4	42	310	4	15	01	0	2	Cu	23.8	15	4	20	-6	48	0		360	3	35	00	0	1	Cu	26.2	+9.3	13	4	11	-4	55	0	14	4
310	9	50	01	1	2	Cu	21.6	18	8	52	310	5	35	03	2	7	Sc, Cu	23.3	17	7	20	-6	52	0		360	5	50	02	1	0	—	24.6	+8.5	16	5	10	-4	49	0	0	3
320	8	18	02	0	1	Cu	21.7	18	8	52	300	10	10	03	0	1	Cu	22.7	17	10	19	-6	64	0		260	4	18	02	1	1	Sc	24.5	+9.0	16	0	10	-5	36	0	0	
20	9	15	02	0	0	—	21.9	20	8	46	330	5	15	03	1	3	Ac	22.0	19	5	21	-6	46	0		330	9	15	02	0	0	—	23.6	+7.6	17	4	14	-5	42	0	0	2
40	13	30	05	0	1	Cu	16.8	27	18	58																																
30	13	18	03	0	0	—	19.9	20	-1	24																																
20	6	30	02	0	0	—		23	4	29																																
360	13	10	07	0	0	—	14.7	27	1	19																																
350	9	30	02	0	0	—	14.8	27	1	19																																
330	6	30	03	1	4	Ac	10.7	31	12	31																																
310	5	35	02	0	0	—	12.0	33	4	16																																
50	10	30	01	0	0	—	14.3	25	1	21																																
10	9	50	02	0	0	—		25	-3	16																																
20	14	10	05	1	3	Ac, Cc	10.0	31	5	19																																
50	10	10	04	0	0	—	10.0	31	7	22																																

* 8 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 21-11 14		Alex. A.P. 21-11 14		P.Said 21-11 14		Almaza 21-11 14 15		Minya 21-11 14		Asyout 21-11 14		Farafra 21-11 14		Hurghada 21-11 14		Matruh 21-11 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
330	9	320	10	300	9	340	4	350	8	350	16	30	7	330	16	310	9
320	9	330	10	300	12	350	4	340	6	350	16	20	9	340	16	320	11
320	9	330	13	300	12			360	8	350	10	20	13	350	13	310	8
320	10	320	16	290	12			340	6	360	20	20	15	340	14		
320	9	320	15							360	23	10	12				
		310	13							360	23	10	14				

Matruh 22-11 05		P.Said 22-11 02		Minya 22-11 02		Asyout 22-11 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
260	10	300	10	30	24	20	19
300	7	320	15	20	24	10	24
340	5	330	15	20	16	20	20
10	4	330	17	10	23	10	20
280	10			350	23	350	9
				340	23	340	10

P.Said 22-11 08		Helwan 22-11 07		Minya 22-11 08		Asyout 22-11 08		Dakhla 22-11 08		Kharga 22-11 08		Hurghada 22-11 08		S.Barrani 22-11 09	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
320	10	20	2	360	24	350	7	50	7	30	21	320	13	260	5
310	9	340	11	20	25	10	16	30	9	30	26	290	8	200	10
300	10	10	15	30	30	20	24	30	13			40	2	170	11
290	10			30	31	20	10	60	9			290	12	140	10
220	6			360	12	320	7	20	8			320	18	110	9
				310	15	320	11	300	8					130	11
				300	20										

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIRE

Cairo A.P. 21-11 15

70	17	350	9
222	16	350	9
1567	2	330	10
3123	-3	320	25
5697	-17	310	50
7337	-28	300	79
9344	-42	300	85
12050	-56		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Sunday 22nd November 3

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST: From noon today to noon tomorrow.

من ظهر اليوم الى ظهر غد

Northwesterly winds, with some low clouds in Lower Egypt and Cairo district. Weather mild by day and cool by night. In Upper Egypt no appreciable change in the Weather.

طقس معتدل نهارا بارد ليلا . يظهر بعض السحاب المنخفضة في الوجه البحري والقاهرة والرياح أغلبها شمالية غربية . أما في الصعيد فلا تغيير يذكر في حالة الطقس .

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 04 26
14 57

1200 SATURDAY 21st NOVEMBER 1953

Wind Dir.	Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L.	Dry Bulb	Dew Point	Relative Humidity
320	19	35	00	1	1	Cu	26.6	18	1	32
320	8	18	02	2	3	Cu, Ac	26.4	18	6	46
330	13	18	03	1	6	Sc, Cu	26.2	18	9	56
330	13	35	03	1	6	Cu	25.2	17	9	60
340	8	18	02	2	7	Cu, Sc	25.6	18	8	52
320	2	35	01	1	2	Cu	25.2	17	9	60
280	10	18	01	2	3	Sc	25.4	17	12	72
270	6	30	01	1	3	Cu, Sc	24.0	18	9	56
40	9	15	02	1	4	Ac	25.4	18	8	52
340	5	35	03	2	5	Cu	25.4	20	6	41
310	7	35	03	2	7	Cu	25.2	17	9	60
320	9	35	01	1	4	Cu	25.1	18	8	52
00	0	35	01	1	2	Cu	25.4	19	9	52
310	10	14	03	0	5	Cu	25.8	18	10	60
280	6	30	02	1	4	Cu	25.6	19	5	40
320	3	18	03	0	5	Cu	25.8	20	5	38
320	3	18	03	0	5	Cu	25.5	20	5	38
00	0	35	03	1	4	Cu	25.6	17	4	42
360	4	35	02	1	3	Cu, Sc	26.0	20	6	41
330	11	10	01	1	0	—	24.8	20	5	38
340	8	18	02	0	0	—	24.5	19		
00	0	15	00	0	0	—	23.1	22	6	36
270	1	50	00	0	0	—	22.7	21	1	27
360	6	30	03	0	0	—	22.3	21	9	47
320	6	50	03	2	5	Ac	21.2	21	10	50
230	3	18	02	0	0	—	28.1	19	4	37
360	1	35	02	1	1	Cu	25.8	19	9	52
50	10	35	00	0	0	—	26.7	18	6	46
340	8	50	00	0	0	—	25.9	18	3	37
40	4	15	03	1	3	Ac	23.4	20	3	33
270	9	50	02	0	0	—	22.8	20	11	60
320	2	30	01	0	1	Sc	22.4	19	8	49
360	13	15	03	1	4	Ac	21.8	20	8	46
10	18	3	07	0	5	Cu, Cs	16.3	27	19	62
20	14	30	01	1	3	Cs	20.4	21	-4	18
20	5	30	01	2	4	Cs	15.8	25	-3	16
20	10	30			3				-3	
310	5	35	02	0	1	Ci	10.2	33	11	26
10	8	30	03	1	3	Ci	8.9	31	7	22
50	5	10	05	2	7	Cu	9.9	30	10	29

1800 SATURDAY 21st NOVEMBER 1953

Wind Dir.	Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L.	Dry Bulb	Dew Point	Minimum Today	Diff. from normal	Relative Humidity	Rainfall
320	5	15	03	2	5	Sc	26.6	16	3	19	-5	42	0
240	2	14	02	2	7	Sc, Ac	27.0	16	7	19		56	0
290	9	12	01	2	6	Sc	26.9	16	8	19		59	0
290	6	7	02	1	5	Sc	26.5	15	7	20		59	0
310	11	35	01	1	4	Cu	26.8	17	7	19	-5	52	0
350	11	12	03	1	3	Sc	26.5	17	9	19	-5	60	0
200	2		03	2	6	Sc	25.8	14	10	18	-5	77	0
280	8	12	01	1	3	Sc	26.3	14	12	18	-5	88	0
260	9	12	03	2	6	Sc	25.0	14	9	18	-6	72	0
230	5		02	1	2	Ac	26.0	13	10	19	-6	82	0
360	2	7	03	2	6	Cu	26.8	14	10	21	-4	77	0
310	4	35	01	1	2	Cu	26.4	11	11	20	-5	97	0
340	2	15	00	1	0	—	26.5	11	9	20		88	0
00	0	15	03	1	4	Cu	26.7	16	7	21	-4	56	0
20	2	35	03	2	8	Ac	26.6	16	8	20		59	0
360	1	12	02	1	1	Sc	27.2	13	9	19		77	0
360	4	14	01	1	1	Sc	26.6	14	8	20	-5	67	0
360	2	10	00	1	0	—	26.8	14	8	20	-5	67	0
360	2	10	00	1	0	—	26.7	14	9	21	-4	72	0
340	6	15	01	1	1	Ac	27.2	14	5	18	-6	55	0
360	4	35	02	1	3	Cu, Sc	26.3	13	7	21	-5	67	0
340	4	8	02	0	0	—	26.4	11	4	20	-6	63	0
290	4	10	02	0	0	—	26.3	12	6	20	-6	67	0
00	0	7	00	0	0	—	23.9	13	7	24	-4	67	0
00	0	7	00	0	0	—	23.1	13	7	23	-6	67	0
360	7	50	03	2	7	St	21.8	18	8	21	-9	52	0
00	0	15	02	1	0	—	27.8	12	10	20	-5	88	0
00	0	15	00	0	0	—	27.0	15	4	19		48	0
360	11	35	00	0	0	—	25.8	15	1	19	-8	39	0
20	2	15	00	1	0	—	24.0	15	1	20	-8	39	0
360	2	15	01	0	1	Cu	25.9	14	8	21	-4	67	0
310	19	35	02	0	0	—	23.1	18	8	21	-5	52	0
260	3	10	03	0	2	Sc, Cu	23.7	16	4	19	-6	45	0
330	13	15	01	1	0	—	23.8	19	7	21	-6	46	0
210	10	30	01	1	4	Sc Ci	17.9	26	19	28		66	0
350	10	30	01	1	4	Ci	22.5	16	0	22		34	0
360	4	30	01	1	1	Ci	18.0	19	2	25		32	0
340	8	30	02	2	7	Cs	15.6	22	1	29		25	0
360	9	30	02	2	7	Cs	15.3	23	2	29		25	0
50	5	30	02	0	0	—	12.2	25	14	32		51	0
340	7	30	01	0	1	Ci	15.8	21	-4	27		18	0
360	6	30	01	1	1	Ci	17.7	19	-8	26		16	0
40	7	30	01	0	1	Ci		19	-5	28		19	0
350	4	10	04		4	Ac, Ci	12.2	24	12	32		47	0
360	7	10	04		2	Ac	12.8	23	9	32		41	0
00	0	14	04	2	3	Ci	11.6	25	11	31		42	0

0600 SUNDAY 22nd NOVEMBER 1953

	Wind Dir.	Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
	270	9	15	02	1	3	Cs	26.6	+9.2	13	1	9	-5	44	0	10	
	220	6	15	02	0	1	Ci	26.5		11	5	10		67	0	13	
	230	10	18	02	1	4	Sc	26.7	+8.9	13	9	10		77	0	21	
	250	9	15	01	1	3	Cu	25.7		12	8	9		77	0	23	
319	300	5	35	02	1	3	Cu	26.4	+8.2	13	8	11	-5	72	0	34	30
	250	9	18	01	1	3	Sc	26.5	+9.2	13	11	8	-6	88	0	Rain	25
	220	2	7	01	1	2	Cu	26.2	+9.2	14	10	10	-5	77	0	46	17
	290	8	8	01	1	1	Sc	26.2	+9.1	14	12	13	-5	88	0	Rain	
	240	4	18	01	6	7	Cb	25.5	+8.0	14	8	12		67	2	Rain	
	360	5		02	2	7	Ac	26.0	+7.8	12	10	9	-4	82	0	8	12
	320	2	15	00	1	0	—	26.1	+8.6	14	8	11	-2	67	0	9	7
	00	0	35	03	2	6	Cu	26.4	+8.2	12	10	8	-4	88	0	12	6
	250	2	15	01	1	4	Cu	26.3	+8.3	11	9	7		88	0	12	
	00	0	15	02	0	0	—	26.6	+8.7	12	8	9	-3	77	0	7	5
	250	3	35	01	0	0	—	26.4		12	8	10		77	0	18	
	250	4	8	03	2	5	Sc	27.4		14	8	8		67	0	6	
	240	3	8	03	2	6	Sc	27.0	+9.4	13	7	9	-5	67	0	1	
374	00	0	6	03	1	6	Sc, Ac	27.2	+9.4	13	7	9	-4	67	0	1	3
375	00	0	6	03	1	6	Sc, Ac	27.0	+9.1	10	8	5	-6	88	0	1	5
	00	0	0.35	46	4	1	Ac	27.9	+9.6	12	8	8	-6	77	0	3	3
	00	0	15	10	0	0	—	27.8	+9.8	11	9	6	-6	88	0	1	0
	340	2	8	02	0	0	—	26.6	+8.7	10	8	5	-6	88	0	0	
	280	3	10	02	0	0	—	26.5	+8.6	10	4	6	-6	67	0	0	
	00	0	7	00	0	0	—	24.4	+7.7	12	5	7	-4	63	0	0	
	270	1	35	00	0	0	—	24.2	+7.2	14	5	6	-7	55	0	0	
	50	5	30	02	0	0	—	23.9	+7.4	12	6	6		67	0	0	
	360	6	50	00	0	0	—	24.2	+7.7	14	10	9	-6	77	0	0	
	00	0	18	02	0	0	—	27.1	+8.0	6	2	3	-5	76	0	0	1
	00	0	35	02	0	0	—	27.4	+8.7	11	7	4	-6	77	0	0	1
	00	0	35	00	0	0	—	27.2		9	4	7		71	0	0	
	00	0	35	00	0	0	—	26.8	+8.4	12	3	7	-4	55	0	0	
	40	5	15	00	0	0	—	25.7	+8.3	14	3	7	-5	48	0	0	
	40	3	35	00	0	0	—	26.4	+9.4	13	7	7	-7	67	0	14	4
	40	9	50	02	0	0	—	25.4	+9.3	13	7	10	-4	67	0	0	3
	240	6	18	01	1	1	Sc	24.2	+8.6	15	5	10	-5	52	0	0	
	310	9	15	02	0	2	Ac	22.8	+6.8	17	7	16	-3	52	0	0	2

9 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 23-11 14		Alex.A.P. 23-11 14		P.Said 23-11 14		Almaza 23-11 14		Minya 23-11 14		Asyout 23-11 14		Farafra 23-11 14		Dakhla 23-11 14		Hurghada 23-11 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
200	10	190	4	40	4	10	8	330	9	300	8	210	4			340	7
200	13	100	3	70	5	20	10	340	11	50	6	200	6	280	6	310	10
190	16	140	5	110	6	90	5	350	8	300	4	240	15	270	8	300	20
200	17	260	5	260	9	230	18	350	9	260	8	240	15	290	7	320	16
220	21	240	17	280	18	260	11	240	14	300	9	250	17	280	5	320	15
				280	24	250	12	270	15	280	8	220	8			320	16
		240	26	270	30	250	21	270	16	280	16			270	6	280	12
						250	35			250	19						

Matruh 24-11 04		Alex.A.P. 24-11 02		P.Said 24-11 02		El Arish 24-11 03		Almaza 24-11 03		Minya 24-11 03		Asyout 24-11 02	
260	11	270	6	270	8	120	3	220	9	190	4	240	3
250	7	230	6	270	9	120	3	250	12	230	13	250	10
320	6	290	10	270	9	120	2	270	17	250	15	270	16
330	10	300	11	260	12			260	16	270	20	270	21
								270	24			270	26
								260	32				

S.Barrani 24-11 08		Matruh 24-11 08		Minya 24-11 08		Asyout 24-11 08		Bahariya 24-11 08		Farafra 24-11 08		Dakhla 24-11 08		Kharga 24-11 08		Hurghada 24-11 08	
330	10	320	14	260	13	200	7	300	9	320	11	310	10	220	6	270	5
330	14	330	15			260	17	310	11	310	25	340	19	300	13	260	12
340	14	340	15	340	11	280	16	310	15	300	33	340	20	300	12	260	12
350	16	320	10	250	10	260	11	310	18	280	30			290	14	260	20
360	17	310	16			270	35	310	23	290	23			290	19	260	30
						280	43			270	26					270	38
																260	43

UPPER AIR OBSERVATIONS

BY RADIOSONDE SYSTEMS

Cairo A.P.
23-11
15

70	18
172	17
1537	10
3121	0
5730	-17
7357	-31
9312	-42

REMARKS:

1. Wind direction is in whole degrees east of 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 24th November 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

[illegible]

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

GENERAL FORECAST (From noon today to noon tomorrow. من ظهر اليوم الى ظهر غد :

Moderate westerly to southwesterly winds, freshening at times, with low clouds on the Coast today, extending to Lower Egypt tomorrow with scattered showers near the Coast. In Upper Egypt light winds with mild weather and clear sky.

رياح غربية الى جنوبية غربية معتدلة تنشط احيانا وتظهر السحب المنخفضة على الساحل اليوم وتمتد الى الوجه البحرى غدا مع مطر فى جهات متفرقة قرب الساحل وتأخذ درجة الحرارة فى الهبوط من الغد . أما فى الصعيد فالرياح خفيفة والطقس معتدل والسماء صافية .

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

04 27
14 56

MONDAY 23rd NOVEMBER 1953

200	6	35	01	1	4	Sc, Cu	16.8	22	7	38	220	4	15	00	3	0	—	14.7	17	3	26?	+2	39	0	
180	9	18	02	2	5	Ac, Cc	17.4	21	2	29	180	6	14	02	0	0	—	15.6	14	3	22		48	0	
200	12		02	2	7	Ac, As	18.6	19	6	43	180	5	12	02	1	2	Ac	17.2	13	8	20		72	0	
											160	2	7	03	2	7	Sc	17.7	15	9	21		68	0	
260	5	35	03	1	7	Ac, As	19.5	18	10	60	00	0	15	03	2	1	Ac, As	18.1	16	10	19	-5	68	0	319
260	7	18	02	2	7	Ac, As	19.8	19	10	56	120	3	12	03	1	8	Ac, As	17.9	16	12	20	-3	77	0	
200	2	7	03	2	7	As	20.2	19	9	52	220	2		01	1	2	Ac	18.4	15	13	21	-2	88	0	
280	3	18	02	2	7	Ac, As, Cu	20.3	18	12	68	80	3	14	03	2	4	Ac, As	18.1	15	13	18	-5	88	0	
310	9	15	02	1	6	Ac	19.8	20	11	56	30	9	15	02	1	6	Ac	18.8	16	10	21	-4	68	0	
140	2	15	03	2	8	As	20.2	20	8	46	40	2		03	2	8	Sc	18.2	16	10	21	-4	68	0	
00	0	35	03	2	7	Cu, As	19.9	19	9	52	00	0	35	03	2	7	Cu	18.4	15	11	22	-3	77	0	
250	5	35	01	1	5	Cu, Sc	19.9	19	8	49	320	2	15	01	1	2	Cc	17.9	15	11	21		72	0	
00	0	35	03	1	8	Sc	19.8	20	11	56	00	0	15	02	1	0	—	17.9	16	10	21	-4	68	0	
360	1	35	03	1	8	Cc	19.6	20	8	46	40	2	35	03	1	3	Ac	16.8	16	10	22		68	0	
40	9	15	02	2	7	Cs	19.6	19	7	46	90	6	12	01	2	3	Sc	17.8	17	8	20	5	56	0	
30	7	30	03	2	8	Cs	19.4	20	7	43	60	6	14	01	2	4	Ac	17.6	16	7	21	-4	56	0	
30	2	18	02	2	7	Cs	19.6	21	10	50	00	0	10	01	2	4	Ac, As	17.8	16	9	21	-4	64	0	374
30	2	18	02	2	7	Cs	19.5	20	8	46	00	0	10	01	5	4	Ac, As	18.0	15	9	21	-3	68	dr	375
320	9	15	02	2	7	Cs	19.4	20	3	33	20	11	7	01	5	5	Ac	17.5	16	5	21	-3	49	dr	
00	0	35	02	2	7	As	19.8	20	8	46	00	0	35	01	2	5	Ac	17.6	15	9	22	-4	68	0	
20	5	10	02	1	1	Ac	19.5	22	9	44	00	0	8	03	1	4	Ac	18.6	13	6	22	-4	63	0	
											190	1	8	02	0	0	—	18.2	16	4	22	-4	45	0	
00	0	15	00	0	0	—	17.2	25	11	42	00	0	7	00	0	0	—	18.4	15	7	25	-3	59	0	
270	1	50	00	0	0	—	17.3	25	5	28	270	1	7	00	0	0	—	18.2	16	5	27	-2	49	0	
70	3	30	02	0	0	—	17.3	25	11	42	00	0	12	02	0	0	—	18.5	15	6	25		55	0	
340	6	50	03	2	4	Ac	16.7	23	12	50	360	3	50	01	1	2	As	18.2	22	11	25	-4	50	0	
170	7	18	01	2	3	Sc, As, As	18.0	22	1	25	00	0	18	02	0	2	Ac, Cc	15.7	13	0	24	0	41	0	
30	9	35	00	0	0	—	20.3	23	1	24	00	0	15	02	2	7	Ac	18.8	17	9	24	-1	60	0	
00	0	35	00	0	0	—	20.3	23	1	24	00	0	15	00	0	0	—	19.2	19	4	24		37	0	
00	0	50	00	0	0	—	19.4	24	6	32	00	0	15	00	0	0	—	18.4	18	-1	25	-2	28	0	
90	1	35	01	1	1	As	18.2	25	2	22	00	0	15	00	0	0	—	17.6	14	3	25	-3	48	0	
360	3	50	03	0	7	As	18.8	20	6	41	310	5	35	02	0	7	As	16.7	17	7	21	-4	52	0	
310	9	50	02	0	0	—	17.6	22	11	50	90	5	35	02	1	0	—	17.0	16	8	23	-2	59	0	
240	1	30	02	0	0	—	17.6	21	9		280	2	12	02	0	0	—	17.5	17	8	22	-3	56	0	
20	9	15	02	0	0	—	16.8	22	13	57	330	5	15	02	0	0	—	17.6	20	10	22	-5	53	0	

MONDAY 23rd NOVEMBER 1953

320	9	15	01	1	3	Ac	16.4	-1.0	14	5	11	-2	55	0	10								
330	9	15	02	0	2	Cu	16.0		17	7	9		52	0	13								
230	12	14	03	0	1	Sc	15.2	-2.6	15	6	10		55	0	Rain								
220	3	15	00	0	0	—	14.8		10	6	7		76	0	23								
180	5	35	01	2	1	Cc	15.6	-2.7	16	8	13	-2	59	0	34	33							
220	4	18	03	0	2	Cu	15.4	-2.0	12	11	8	-5	94	0	rain	27							
220	2	15	10	1	1	Cu	15.8	-1.3	13	11	10	-4	88	0	46	19							
290	5	8	02	0	1	Cu, Ac	16.0	-1.2	15	13	13	-4	88	0	rain								
00	0	30	01	1	3	Cu, Ac	14.6	-3.1	13	8	11		72	dr	rain								
230	5		02	0	0	—	15.9	-2.4	12	8	9	-4	77	0	8	13							
220	2	15	00	1	0	—	16.2	-1.3	12	10	9	-4	88	0	9	7							
00	0	35	02	0	0	—	16.6	-1.7	11	11	7	-4	97	0	12	7							
320	2	15	00	0	0	—	16.0	-2.1	13	9	9		77	0	Rain								
00	0	15	02	0	0	—	15.6	-2.4	12	10	10	-2	88	0	7	5							
270	1	35	01	0	0	—	16.0		14	8	11		67	0	18								
200	10	11	01	1	1	Ac	16.0		16	8	12		59	0	6								
200	5	12	01	2	2	Ac	16.2	-1.6	14	8	11	-2	67	0	1								
00	0	8	00	0	0	—	16.0	-1.9	14	8	11	-2	67	0	1	3							
00	0	8	00	0	0	—	16.0	-1.9	12	9	9	-2	82	dr	1	5							
00	0	7	01	1	2	Cc	16.7	-1.7	14	8	11	-2	67	dr	3	3							
00	0	35	02	1	3	Ac	16.7	-1.5	12	10	8	-4	88	0	1	0							
170	5	8	02	1	4	Ac	16.9	-1.1	12	8	11	0	77	0	0								
60	1	14	01	1	1	Ac	17.1	-1.0	11		8	-3	71	0	0								
00	0	15	00	0	0	—	17.4	+0.5	14		7	-4	55	0	0								
00	0	35	00	0	0	—	17.4	+0.2	13	1	6	-6	44	0	0								
00	0	30	02	0	0	—	17.1	+0.4	12	4	5		59	0	0								
00	0	50	00	0	0	—	18.0	+1.2	19	10	11	-4	56	0	0								
260	2	18	02	0	0	—	17.0	-2.2	10	1	8	0	54	0	0	1							
220	2	35	02	0	0	—	17.4	-1.5	15	1	9	-1	39	0	0	2							
00	0	35	00	0	0	—	17.5		14	5	4		55	0	0								
00	0	35	00	0	0	—	18.1	+0.2	9	-6	5	-6	34	0	0								
00	0	35	00	0	0	—	17.1	-0.5	11	1	4	-7	51	0	0								
40	2		00	0	0	Sc	15.8	-1.3	14	8	12	-2	67	0	14	5							
40	5	35	03	2	7	Sc	15.4	-0.9	14	5	12	-1	55	0	0	3							
00	0	18	00	1	2	Ac	14.7	-1.0	17	0	10	-5	32	0	0								
310	5	15	02	0	0	—	15.6	-0.5	19	7	15	-4	46	0	0	2							

TUESDAY 24th NOVEMBER 1953

320	9	15	01	1	3	Ac	16.4	-1.0	14	5	11	-2	55	0	10								
330	9	15	02	0	2	Cu	16.0		17	7	9		52	0	13								
230	12	14	03	0	1	Sc	15.2	-2.6	15	6	10		55	0	Rain								
220	3	15	00	0	0	—	14.8		10	6	7		76	0	23								
180	5	35	01	2	1	Cc	15.6	-2.7	16	8	13	-2	59	0	34	33							
220	4	18	03	0	2	Cu	15.4	-2.0	12	11	8	-5	94	0	rain	27							
220	2	15	10	1	1	Cu	15.8	-1.3	13	11	10	-4	88	0	46	19							
290	5	8	02	0	1	Cu, Ac	16.0	-1.2	15	13	13	-4	88	0	rain								
00	0	30	01	1	3	Cu, Ac	14.6	-3.1	13	8	11		72	dr	rain								
230	5		02	0	0	—	15.9	-2.4	12	8	9	-4	77	0	8	13							
220	2	15	00	1	0	—	16.2	-1.3	12	10	9	-4	88	0	9	7							
00	0	35	02	0	0	—	16.6	-1.7	11	11	7	-4	97	0	12	7							
320	2	15	00	0	0	—	16.0	-2.1	13	9	9		77	0	Rain								
00	0	15	02	0	0	—	15.6	-2.4	12	10	10	-2	88	0	7	5							
270	1	35	01	0	0	—	16.0		14	8	11		67	0	18								
200	10	11	01	1	1	Ac	16.0		16	8	12		59	0	6								
200	5	12	01	2	2	Ac	16.2	-1.6	14	8	11	-2	67	0	1								
00	0	8	00	0	0	—	16.0	-1.9	14	8	11	-2	67	0	1	3							
00	0	8	00	0	0	—	16.0	-1.9	12	9	9	-2	82	dr	1	5							
00	0	7	01	1	2	Cc	16.7	-1.7	14	8	11	-2	67	dr	3	3							
00	0	35	02	1	3	Ac	16.7	-1.5	12	10	8	-4	88	0	1	0							
170	5	8	02	1	4	Ac	16.9	-1.1	12	8	11	0	77	0	0								
60	1	14	01	1	1	Ac	17.1	-1.0	11		8	-3	71	0	0								
00	0	15	00	0	0	—	17.4	+0.5	14		7	-4	55	0	0								
00	0	35	00	0	0	—	17.4	+0.2	13	1	6	-6	44	0	0								
00	0	30	02	0	0	—	17.1	+0.4	12	4	5		59	0	0								
00	0	50	00	0	0	—	18.0	+1.2	19	10	11	-4	56	0	0								
260	2	18	02	0	0	—	17.0	-2.2	10	1	8	0	54	0	0	1							
220	2	35	02	0	0	—	17.4	-1.5	15	1	9	-1	39	0	0	2							
00	0	35	00	0	0	—	17.5		14	5	4		55	0	0								
00	0	35	00	0	0	—	18.1	+0.2	9	-6	5	-6	34	0	0								
00	0	35	00	0	0	—	17.1	-0.5	11	1	4	-7	51	0	0								
40	2		00	0	0	Sc	15.8	-1.3	14	8	12	-2	67	0	14	5							
40	5	35	03	2	7	Sc	15.4	-0.9	14	5	12	-1	55	0	0	3							
00	0	18	00	1	2	Ac	14.7	-1.0	17	0	10	-5	32	0	0								
310	5	15	02	0	0	—	15.6	-0.5	19	7	15	-4	46	0	0	2							

* θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 24-11 14		Matruh 24-11 14		Alex A.P. 24-11 14		P.Said 24-11 14		Mughagha 24-11 14		Almaza 24-11 14		Asyout 24-11 14		Aswan 24-11 14		Farafra 24-11 14		Dakhla 24-11 14		Kharga 24-11 14	
340	19	330	9	260	10	250	9	20	6	290	8	320	8	200	3	330	15	320	10	110	5
330	20	320	9	280	10	260	11	330	4	300	4	310	12	310	5	340	14	320	13	180	13
320	14	330	13	280	10	260	10	260	5	280	4	280	13	270	7	330	16	310	15	300	9
330	18	320	13			280	12	260	16	280	11	280	24	300	12	320	17	300	25		
		340	21			310	10			260	16	270	24	300	12			270	35		
										290	18	280	28	280	13						
										280	15	280	28								
										280	16										

P.Said 25-11 04		Minya 25-11 02		Asyout 25-11 03		El Arish 25-11 03	
290	12	20	9	330	10	260	29
310	15	360	23	10	16	280	32
310	16	340	28	350	14	290	28
300	17	320	13	320	17	280	46
		200	18	300	16		
		200	13	310	18		
				280	26		

Helwan 25-11 07 15	
220	2
350	16
360	16
350	16
330	17
310	20

S.Barrani 25-11 08		Almaza 25-11 0825		Minya 25-11 0830		Asyout 25-11 08		Luxor 25-11 08		Siwa 25-11 08		Bahariya 25-11 08		Farafra 25-11 08		Dakhla 25-11 08		Kharga 25-11 08		Hunghada 25-11 08	
70	12	340	16	10	10	320	4	220	4	360	7	350	9	10	4	360	7	30	10	330	7
60	11	340	23	10	11	360	11	360	8	60	9	350	10	10	10	20	12	30	16	310	14
		340	14	30	14	360	15	360	7	40	6	350	8	10	10	20	13	20	13	300	10
		330	22	350	17	350	12			350	16	360	10	10	8	30	13	310	11	290	13
		10	8	310	13	310	15			320	10	40	10			340	12	300	20	260	16
				330	14	290	16			350	13	160	7			300	19			270	22
				280	18	270	15			350	25					290	25				
										310	22										

Cairo A.P. 24-11 15			
70	20	310	7
138	19	310	7
1501	9	290	10
3670	-2	280	17
5683	-17	290	34
7323	-28	280	44

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

Wednesday 25th November 3

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST From noon today to noon tomorrow. من ظهر اليوم إلى ظهر غد

Slight decrease in temperature, with moderate northwesterly winds on Lower Egypt and Cairo District. Low clouds develop during the day, with a possibility of light rain on the Coast tomorrow. No appreciable change in Upper Egypt.

تنخفض درجة الحرارة قليلا وتهب الرياح الشمالية الغربية المعتدلة على الوجه البحري والقاهرة. هذا وتظهر السحب المنخفضة أثناء النهار مع احتمال سقوط أمطار خفيفة على الساحل غدا. أما في الصعيد فلا تغير يذكر في حالة الطقس.

Printed by the Survey of Egypt 1952 (82/884)

SYNOPTIC SURFACE OBSERVATIONS

04 28
14 56

TUESDAY 24th NOVEMBER 1953

320	11	15	03	5	6	Cu,Ac	16·0	19	11	43	320	4	15	01	1	2	Cb	16·4	17	11	21	- 3	68	0
330	11	18	02	0	3	Cu	15·9	20	8	46	360	4	12	01	2	3	Sc, Cu	17·7	17	11	20		68	6
340	8	35	01	1	2	Cu	15·2	20			320	3	7	01	1	3	Cu	16·4	15	11	20		77	0
270	8	35	02	0	2	Cu	15·1	20	11	56	310	11	35	02	0	2	Cu	17·0	18	13	21	- 2	73	0
320	5	18	03	0	3	Cu	14·6	21	12	57	320	8	12	02	5	3	Cb	16·5	18	12	22	- 1	68	dr
220	2	35	02	1	1	Cu	14·4	20	11	56	220	2		02	0	0	—	15·6	17	13	21	- 2	77	0
270	8	30	02	0	1	Cu	14·7	20	13	64	280	7	14	01	0	1	Sc	16·1	18	14	20	- 3	78	0
310	4	30	02	0	1	Cu	14·1	19	10	56														
270	9	15	02	2	1	Cu	15·2	22	12	53	310	9	7	02	1	3	Cu	16·3	17	11	23	- 1	68	0
270	2	35	01	1	3	Cu	14·8	22	9	44	360	2	7	00	1	5	Cu	16·2	17	9	23	- 2	60	0
220	3	35	01	1	2	Cu	15·5	21	10	50	00	0	35	01	1	4	Cu	16·8	13	9	23	- 2	77	0
340	5	35	01	1	2	Cu	15·2	22	9	44	340	2	15	00	0	—	—	16·2	14	10	23		77	0
00	0	35	02	0	0	—	14·7	21	10	50	00	0	15	02	0	0	—	16·1	14	10	23	- 2	77	0
290	2	35	02	0	0	—	14·8	22	6	36	290	1	35	02	0	0	—	15·9	16	8	23		59	0
300	7	18	02	0	0	—	14·6	21	7	41	250	2	12	02	0	0	—	16·5	16	8	22		59	0
270	7	30	00	0	0	—	14·9	22	6	36	00	0	12	00	0	0	—	16·5	16	6	22	- 2	52	0
280	3	18	00	0	0	—	15·0	22	7	38	00	0	10	00	0	0	—	16·2	15	8	22	- 3	63	0
280	3	18	00	0	0	—	14·8	24	6	32	00	0	10	00	0	0	—	17·0	11	9	25	+ 1	88	0
00	0	15	02	0	0	—	14·8	20	6	43	00	0	7	02	0	0	—	17·2	15	4	22	- 2	48	0
20	4	35	02	0	0	—	15·0	22	6	36	00	0	35	02	0	0	—	16·8	14	5	24	- 1	55	0
240	2	10	02	1	0	—	15·2	24	1	22	360	6	8	02	0	0	—	16·9	14	6	26	0	59	0
320	5		02	0	0	—	14·5	24	-9?	11	260	4	8	02	0	0	—	16·3	18	-5	25	- 1	20	0
00	0	15	00	0	0	—	14·8	27	9	23	00	0	7	00	0	0	—	16·0	15	11	27	0	77	0
270	1	50	00	0	0	—	14·2	28	4	22	00	0	7	00	0	0	—	16·3	15	4	29	+ 1	48	0
340	3	30	02	0	0	—	14·8	27	7	28	00	0	12	02	0	0	—	16·9	15	2	28	- 1	42	0
00	0	50	00	0	0	—	15·0	28	4	22	360	3	50	01	1	2	Ac	16·4	25	2	29	0	22	0
300	3	18	02	0	0	—	17·1	22	4	31	280	2	10	02	0	0	—	18·3	15	7	22	- 2	59	0
320	2	35	02	0	0	—	15·6	22	6	36														
310	10	35	00	0	0	—	17·2	24	-5	15	00	0	15	00	0	0	—	18·6	18	-1	24		28	0
320	5	50	00	0	0	—	16·4	25	4	26	320	9	15	00	0	0	—	17·6	18	3	25	- 1	37	0
220	1	15	00	0	0	—	15·2	26	0	18	00	0	15	00	0	0	—	17·0	19	1	27	0	30	0
40	3	30	01	0	0	—	14·3	22	6	36	310	3	15	02	0	0	—	15·5	18	6	24	- 1	46	0
360	5	50	02	1	0	—	14·0	25	11	42	90	5	35	02	0	0	—	14·6	17	13	26	+ 1	77	0
340	2	30	02	0	0	—	13·4	23	10	44														
110	5	15	02	0	0	—	13·6	26	12	42	360	2	15	02	0	0	—	15·0	23	10	28	+1	44	0

TUESDAY 24th NOVEMBER 1953

320	11	15	03	5	6	Cu,Ac	16·0	19	11	43	320	4	15	01	1	2	Cb	16·4	17	11	21	- 3	68	0
330	11	18	02	0	3	Cu	15·9	20	8	46	360	4	12	01	2	3	Sc, Cu	17·7	17	11	20		68	6
340	8	35	01	1	2	Cu	15·2	20			320	3	7	01	1	3	Cu	16·4	15	11	20		77	0
270	8	35	02	0	2	Cu	15·1	20	11	56	310	11	35	02	0	2	Cu	17·0	18	13	21	- 2	73	0
320	5	18	03	0	3	Cu	14·6	21	12	57	320	8	12	02	5	3	Cb	16·5	18	12	22	- 1	68	dr
220	2	35	02	1	1	Cu	14·4	20	11	56	220	2		02	0	0	—	15·6	17	13	21	- 2	77	0
270	8	30	02	0	1	Cu	14·7	20	13	64	280	7	14	01	0	1	Sc	16·1	18	14	20	- 3	78	0
310	4	30	02	0	1	Cu	14·1	19	10	56														
270	9	15	02	2	1	Cu	15·2	22	12	53	310	9	7	02	1	3	Cu	16·3	17	11	23	- 1	68	0
270	2	35	01	1	3	Cu	14·8	22	9	44	360	2	7	00	1	5	Cu	16·2	17	9	23	- 2	60	0
220	3	35	01	1	2	Cu	15·5	21	10	50	00	0	35	01	1	4	Cu	16·8	13	9	23	- 2	77	0
340	5	35	01	1	2	Cu	15·2	22	9	44	340	2	15	00	0	—	—	16·2	14	10	23		77	0
00	0	35	02	0	0	—	14·7	21	10	50	00	0	15	02	0	0	—	16·1	14	10	23	- 2	77	0
290	2	35	02	0	0	—	14·8	22	6	36	290	1	35	02	0	0	—	15·9	16	8	23		59	0
300	7	18	02	0	0	—	14·6	21	7	41	250	2	12	02	0	0	—	16·5	16	8	22		59	0
270	7	30	00	0	0	—	14·9	22	6	36	00	0	12	00	0	0	—	16·5	16	6	22	- 2	52	0
280	3	18	00	0	0	—	15·0	22	7	38	00	0	10	00	0	0	—	16·2	15	8	22	- 3	63	0
280	3	18	00	0	0	—	14·8	24	6	32	00	0	10	00	0	0	—	17·0	11	9	25	+ 1	88	0
00	0	15	02	0	0	—	14·8	20	6	43	00	0	7	02	0	0	—	17·2	15	4	22	- 2	48	0
20	4	35	02	0	0	—	15·0	22	6	36	00	0	35	02	0	0	—	16·8	14	5	24	- 1	55	0
240	2	10	02	1	0	—	15·2	24	1	22	360	6	8	02	0	0	—	16·9	14	6	26	0	59	0
320	5		02	0	0	—	14·5	24	-9?	11	260	4	8	02	0	0	—	16·3	18	-5	25	- 1	20	0
00	0	15	00	0	0	—	14·8	27	9	23	00	0	7	00	0	0	—	16·0	15	11	27	0	77	0
270	1	50	00	0	0	—	14·2	28	4	22	00	0	7	00	0	0	—	16·3	15	4	29	+ 1	48	0
340	3	30	02	0	0	—	14·8	27	7	28	00	0	12	02	0	0	—	16·9	15	2	28	- 1	42	0
00	0	50	00	0	0	—	15·0	28	4	22	360	3	50	01	1	2	Ac	16·4	25	2	29	0	22	0
300	3	18	02	0	0	—	17·1	22	4	31	280	2	10	02	0	0	—	18·3	15	7	22	- 2	59	0
320	2	35	02	0	0	—	15·6	22	6	36														
310	10	35	00	0	0	—	17·2	24	-5	15	00	0	15	00	0	0	—	18·6	18	-1	24		28	0
320	5	50	00	0	0	—	16·4	25	4	26	320	9	15	00	0	0	—	17·6	18	3	25	- 1	37	0
220	1	15	00	0	0	—	15·2	26	0	18	00	0	15	00	0	0	—	17·0	19	1	27	0	30	0
40	3	30	01	0	0	—	14·3	22	6	36	310	3	15	02	0	0	—	15·5	18	6	24	- 1	46	0
360	5	50	02	1	0	—	14·0	25	11	42	90	5	35	02	0	0	—	14·6	17	13	26	+ 1	77	0
340	2	30	02	0	0	—	13·4	23	10	44														
110	5	15	02	0	0	—	13·6	26	12	42	360	2	15	02	0	0	—	15·0	23	10	28	+1	44	0

WEDNESDAY 25th NOVEMBER 1953

320	9	15	03	2	6	St	20·2	+2.8	11	10	7	- 6	94	1	1								
00	0	8	81	8	7	Cb	20·0		14	12	11		88	5	19								
															RAIN								
360	1	15	12	1	3	Cb	18·9		15	9	10		68	0									
350	11	35	02	0	3	Cu, Ac	18·7	+0.4	18	6	15	0	46	0	34	34							
350	12	18	01	1	3	Sc, Ac	18·9	+1.5	18	6	16	+2	46	dr	RAIN	28							
340	5	7	03	6	5	Cu	18·2	+1.1	17	9	14	0	60	1	47	18							
														0	RAIN								
260	6	18	02	2	1	Cb, A	17·5	+0.1	15	10	12		12	0	RAIN								
270	9		02	1	2	Ac	18·8	+0.5	13	9	11	- 1	77	0	8	13							
320	2	15	03	2	4	Sc, Cu	19·0	+1.4	13	9	12	- 1	77	0	9	8							
00	0	35	03	2	6	Cu	19·2	+0.8	13	11	10	- 1	88	0	12	7							
320	2	15	01	1	5	Sc, Cu	18·1	+0.6	14	10	11		77	0	RAIN								
00	0	15	02	1	7	Sc	19·1	+1.0	13	9	11	0	77	0	7	5							
250	3	35	03	2	7	Ac, As	18·6		14	10	11		77	0	18								
00	0	12	03	1	6	Sc, Ac, Cc	19·9		14	11	12		82	0	6								
180	2	12	01	1	6	Ac, Cc	19·3	+1.5	11	11	11	- 2	97	0	1								
00	0	8	03	1	7	Ac, Cc	19·2	+1.3	14	10	11	- 2	77	0	1	3							
00	0	8	03	1	7	Ac, Cc	19·1	+1.1	13	9	8	- 3	77	0	1	5							
00	0	3	10	1	5	Sc, Ac, Cc	19·9	+1.4	14	10	12	- 1	77	0	3	2							
00	0	15	02	1	3	Cu, Sc	20·4	+2.2	13	7	8	- 3	67	0	1	0							
350	3	8	02	0	0	—	19·9	+1.8	10	6	5	- 6	76	0	0								
00	0	15	03	0	1	Cu	19·8	+1.6	12	0	10	- 1	44	0	0								
00	0	7	01	0	2	Cs	19·4	+0.5	13	4	8	- 2	55	0	0								
00	0	35	00	0	0	—	18·6	+1.4	16	3	8	- 4	42	0	0								
200	2	18	03	0	1	Cu	18·7	+1.9	124	3	8		48	0	0								
00	0	50	01	1	2	Cu	18·6	+1.7	20	8	15	- 2	46	0	0								
270	5	18	02	0	2	Cu	20·8	+1.5	12	9	7	- 1	82	0	0	1							
00	0	35	00	0	0	—	20·7		12	0	6		44	0	0	2							
00	0	35	00	0	0	—	20·8	+2.2	11	1	7	- 3	51	0	0								
00	0	35	00	0	0	—	20·2	+2.5	13	0	7	- 4	41	0	0								
00	0	35	00	0	6	Cu	18·8	+1.6	16	10	10	- 4	68	0	14	5							
00	5				0	—	17·1	+0.8	15	4	10	- 3	48	0	0	3							
330	5	15	02	0	0	—	16·8	+0.6	18	3	15	- 4	37	0	0								

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

ALEX (A.P.) 25th 14		ALMAZA 25th 13 30		MINYA 25th 14		ASYOUT 25th 14		LUXOR 25th 14 15		SIWA 25th 14		FARAFRA 25th 14		DAKHLA 25th 14		KHARGA 25th 14		HURGHADA 25th 14			
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
340	11	30	13	340	14	310	15	330	10	270	6	300	7	20	11	10	7	340	30		
340	12	60	9	360	12	330	13	320	10	280	6	340	6	360	8	10	7	340	14		
330	9	80	10	360	17	340	12	320	10	300	10	350	5	350	10	360	6	330	18		
310	9	100	9	60	13	360	15	10	9	310	13	340	6	330	13	320	15	280	18		
320	13	60	21	40	9			310	25	310	15			290	14			270	16		
300	16	50	19					280	17	310	12			300	19						
		20	30							330	8										
		10	37							300	19										

P.SAID 26th 4		EL ARISH 26th 3		MINYA 26th 2		ASYOUT 26th 2		FARAFRA 26th 8		EL ARISH 26th 8	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300	14	280	17	40	17	30	4	130	8	250	10
300	14	290	18	40	23	40	19	110	15	280	10
320	16	300	17	20	40	20	10	130	9	300	9
310	23	290	17	350	23			30	7	280	11
				340	22			40	9		
								10	4		

P.SAID 26th 8		ALMAZA 26th 8 15		HELWAN 26th 8		MINYA 26th 8		ASYOUT 26th 8		SIWA 26th 8		BAHARIA 26th 8		DAKHLA 26th 8		KHARGA 26th		HURGHADA 26th 8		ALEX. (A.P.) 26th 8	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300	10	360	5	330	6	30	6	10	4	100	20	80	13	350	2			330	21	350	14
300	11	10	4	60	10	50	15	30	16	110	20	90	13	30	11			340	15	340	10
310	13	10	5	60	6	20	2	20	16	130	13	100	18	30	12			340	10	320	8
320	11	350	9	310	7	360	15	20	16	270	8	140	8	60	14			40	12	260	6
320	6	250	4	290	12	350	15	70	8	270	10	60	9	40	11			40	9		
		330	4			20	7			280	10	30	3	350	12			360	5		
		310	12			330	7			290	10							270	15		
						310	17											270	26		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RECTOWIND

CAIRO A.P.
25th
1500

ALT	TEMP	HUM	WIND		ALT	TEMP	HUM	WIND	
			DIR	SPEED				DIR	SPEED
70	20		360	12					
173	18		360	12					
1537	6		340	11					
3099	-4		330	24					
5697	-18		270	45					
7331	-26		280	82					

REMARKS:

1. Wind direction is in whole degrees east of 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 26th NOVEMBER, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

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

[illegible]

* 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

[illegible]

GENERAL FORECAST from noon today to noon tomorrow:

Moderate northerly to northeasterly winds, with much low clouds increasing at times and possible light rain near the coast. Temperature continues its decrease. No change in Upper Egypt.

من ظهر اليوم إلى ظهر الغد

تستمر درجة الحرارة في الهبوط والرياح شمالية إلى شمالية شرقية معتدلة وتظهر السحب المنخفضة متكاثرة أحيانا قرب الساحل مع احتمال مطر خفيف هناك – أما في الصعيد فلا تغير يذكر في حالة الطقس

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

04 29
14 56

WEDNESDAY 25th NOVEMBER 1953

90	5	7	81	8	8	NS,Sc	19.8	14	13	94	90	4	12	81	8	8	NS,Sc	22.6	15	9	18	-5	68	57
100	10	13	80	8	8	NS,Sc	20.5	15	12	82	60	14	12	02	8	8	NS,Sc	22.6	14	10	17		77	2
80	8	14	60	6	8	NS	20.9	14	12	88	30	12	10	02	2	8	NS	22.5	15	9	16		68	2
270	3	35	81	8	7	NS	19.8	15	11	77	20	8	7	03	2	8	NS	21.6	15	9	19		68	8
310	11	35	03	0	6	Cu,Ac	19.4	18	8	52	310	11	35	01	1	2	Cu	22.0	16	8	20	-3	59	0
330	10	18	01	2	7	Cu,Ac	19.6	19	8	49	350	9	12	01	2	5	Sc	21.5	16	7	21		56	0
320	9	35	01	1	3	Cu	18.6	18	8	52	340	4	7	00	1	0	—	21.0	16	8	19	-4	59	0
340	14	30	03	0	3	Cu	18.7	19	12	64	320	14	12	01	1	1	Cu	21.3	16	10	20	-3	68	0
310	8	30	01	2	1	Cb,Ac	17.1	19	7	46														
											360	5	15	02	0	0	—	21.5	15	9	24	0	68	0
360	5	35	01	1	3	Cu	18.6	20	8	46	360	2	7	00	1	0	—	21.8	15	7	21	-4	59	0
00	0	35	03	2	5	Cu	18.8	20	7	43	00	0	35	01	1	3	Cu	21.2	14	8	22	-3	67	0
320	5	35	01	1	2	Cu	18.4	22	6	36	320	2	15	00	0	0	—	21.1	12	10	23		88	0
00	0	35	01	1	3	Cu	18.4	21	7	41	00	0	15	02	1	0	—	21.8	16	10	23	-1	68	0
360	3	35	01	1	6	Ac	18.3	23	5	32	40	2	50	01	0	0	—	21.3	15	7	23		59	0
360	7	18	01	2	5	Cu,Ac,Ci	18.7	20	2	30	40	3	12	02	0	0	—	21.0	14	8	21		67	0
360	7	30	01	2	4	Ac,As	18.5	20	7	43	40	5	14	02	0	0	—	21.2	15	9	21	-3	68	0
340	3	18	01	2	5	Ac,As,Cu	18.8	20	6	41	00	0	10	00	1	0	—	21.0	15	7	21	-3	59	0
340	3	18	01	2	5	Ac,As,Cu	18.6	21	4	33	00	0	10	00	1	0	—	21.4	16	8	22	-2	59	0
00	0	15	01	1	4	Ac	18.8	20	3	33	360	14	15	01	0	0	—	21.8	15	7	20	-4	59	0
00	0	35	02	1	3	Cu,Sc	18.7	22	3	29	00	0	35	02	0	0	—	21.2	15	7	22	-3	59	0
350	6	10	03	1	3	Cu,Ci	18.8	22	10	47	360	2	8	02	0	0	—	20.4	13	6	23	-2	63	0
											280	5	10	02	0	0	—	19.7	15	9	23	-3	68	0
320	2	15	01	1	1	Cs	16.3	25	8	34	00	0	7	00	1	0	—	17.5	15	9	26	-1	68	0
00	0	50	03	1	2	Ci	15.6	26	4	25	270	1	7	00	0	0	—	17.2	16	5	28	0	49	0
											360	4	12	02	0	0	—	16.8	16	2	25		39	0
20	5	50	00	0	0	—	15.4	25	8	34	360	3	50	00	0	0	—	16.8	22	6	26	-3	36	0
											00	0	10	01	1	0	—	20.7	11	9	23	-1	86	0
360	2	35	02	2	4	Cu	19.5	21	14	65	00	0	15	02	2	6	Ac	21.0	17	11			68	0
40	4	35	03	0	3	Cu	19.8	22	6	36	00	0	15	00	0	0	—	20.8	15	7	23		59	0
320	5	50	00	0	0	—	19.1	22	-1	21														
00	0	35	00	0	0	—	16.7	25	0	19	00	0	15	00	0	0	—	18.8	16	5	25	-2	49	0
											360	6	15	01	0	0	—	20.6	16	5	22	-3	49	0
310	13	35	01	1	2	Ci	15.8	21	15	64	310	9	35	02	1	0	—	18.2	19	9	23	-2	52	0
330	12	18	01	2	5	Ci	15.5	22	11	50	250	4	10	02	1	0	—	17.8	18	6	22	-2	46	0
330	9	15	02	0	0	—	15.8	23	12	50	330	5	15	02	0	0	—	17.5	21	10	24	-2	50	0

319

374
375

WEDNESDAY 25th NOVEMBER 1953

THURSDAY 26th NOVEMBER 1953

140	5	7	81	8	8	NS,Sc	22.6	+5.2	12	10	11	-2	88	107	117								
60	15	14	02	8	8	NS,Sc	22.6		14	8	13		67	2	20								
20	14	14	60	6	8	NS	23.5	+5.6	14	8	13		67	2	20								
20	9	15	03	2	8	NS	22.1		15	9	13		68	8	31								
340	11	35	03	0	7	Cu,Sc	22.3	+4.0	15	9	15	0	68	0	34	35							
330	9	14	02	2	7	Sc	22.5	+5.1	15	8	15	+1	63	0	28	27							
320	2	7	03	1	4	Cu	21.8	+4.6	15	9	14	0	68	0	4	19							
340	6	14	02	1	4	Sc	21.9	+4.7	16	10	14	-3	68	0	33								
250	4	30	02	5	7	Cb	21.0	+3.2	13	8	11		72	ds	RAIN								
310	5		02	0	5	Cu	22.6	+4.3	14	10	12	0	77	0	8	14							
140	2	15	00	0	0	—	22.6	+4.9	12	10	11	-2	88	0	9	8							
00	0	35	03	0	7	Cu	22.2	+3.8	14	10	10	-1	77	0	12	7							
320	5	15	01	1	1	Cu	22.8	+4.6	15	11	11		77	0	RAIN								
00	0	15	02	1	7	Sc	22.8	+4.7	13	9	10	-1	77	0	7	6							
220	2	7	03	1	5	Ac	22.2		14	8	10		67	0	18								
00	0	12	01	2	4	Ac	23.0		15	8	11		63	ds	6								
100	1	14	01	1	3	Ac,Cc	22.6	+4.7	14	8	11	-2	67	0	1								
00	0	8	02	1	4	Ac,As	22.8	+4.8	14	8	11	-2	67	0	1	3							
00	0	8	02	1	4	Ac,As	22.6	+4.6	12	8	7	-4	77	0	1	5							
00	0	7	01	1	4	Ac,Ci	22.8	+4.3	14	6	10	-3	59	0	3	3							
00	0	35	03	1	5	As	23.0	+4.7	14	8	10	-1	67	0	1	0							
360	3	8	03	0	2	Ci	21.9	+3.7	12	9	7	-3	82	0	dr?								
270	3	10	03	0	1	Ci	21.7	+3.4	11	4	8	-3	63	0	c								
00	0	7	01	0	5	Sc,Ac,As	19.8	+2.8	13	7	8	-2	67	0	6								
00	0	35	03	1	2	Ci	20.0	+2.7	14	5	7	-5	55	0	0								
340	3	30	02	2	4	Ci	19.6		15	1	8		39	0	0								
20	6	50	00	0	0	—	19.5	+2.5	16	10	11	-4	68	0	0								
90	3	18	01	2	3	As,Ci	21.9	+2.6	13	9	11	+3	77	0	0	1							
00	0	35	02	1	2	Cu	23.1	+4.1	12	8	7	-3	77	0	0	2							
00	0	35	03	1	6	Cs	21.2		12	6	8		67	0	0								
00	0	35	01	1	3	Ci	22.0	+3.4	13	4	9	-1	55	0	0								
00	0	35	02	1	1	Ci	20.7	+2.9	14	5	10	-1	55	0	0								
40	4	35	00	0	2	Cu	22.3	+5.1	12	8	9	-5	77	0	14	5							
310	5	35	01	0	2	Ci	20.6	+4.2	20	13	8	-5	64	0	0	3							
240	4	18	02	1	4	Cu,Ci	19.8	+4.0	17	8	12	-3	56	0	0								
310	9	15	03	1	4	Ci	18.7	+2.4	19	7	17	-1	46	0	0	3							

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

P.SAID 26th 14		EL ARISH 26th 14		MINYA 26th 14		ASYOÛT 26th 14		LUXOR 26th 14		ASWAN 26th 14		SIWA 26th 14		FARAFRA 26th 14		DAKHLA 26th 14		KHARGA 26th 14	
DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
320	15	320	12	360	19	350	16	20	5	350	11	90	10	40	4	20	12	40	17
320	10	310	11	360	17	360	16	10	6	340	11	110	10	10	4	30	16	30	22
320	9	310	13	360	15	10	16	10	8	10	13	120	8	30	4	30	20	30	21
		240	13	340	18	20	13	60	6	50	9	180	5	40	4	40	15	20	18
		230	20	360	17	10	5	60	4	60	10	280	7	10	4	40	7	350	23
		290	25			20	5	300	4	80	9	290	6	10	5				
								260	8			300	9	10	8				
								230	23					270	17				

MINYA 27th 2		ASYOUT 27th 2		P.SAID 27th 3															
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
350	8	340	12	50	14														
340	7	10	21	40	17														
10	9	350	18	50	14														
350	7	350	22	40	15														
		20	10																
		10	25																

S.BARRANI 27th 8		P.SAID 27th 8		MINYA 27th 8 30		ASYOÛT 27th 8		BAHARÎYA 27th 8		FARAFRA 27th 8 15		DAKHLA 27th 8		KHARGA 27th 8		HURGHADA 27th 8			
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
140	7	350	7	20	6	320	15	40	12	170	12	330	4	10	11	320	21		
100	10	350	9	10	13	330	13	50	13	170	10	360	14	360	24	310	10		
100	11	350	10	360	14	360	15	60	12	170	5	360	20	10	28	320	2		
100	11	320	9	340	9	360	19	30	6	300	12	350	21	10	19	340	8		
		330	15	330	10	330	8	340	4	320	15	350	20			330	8		
						290	3			320	11					330	7		
																250	10		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

CAIRO A.P.
26th
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
70	14		350	10															
188	18		350	10															
1540	5		320	20															
3102	-4		280	11															
5686	-17		270	32															
7333	-28		260	88															
9349	-40		260	105															
12020	-56																		

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 27th NOVEMBER, 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
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 [illegible] 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)
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
31 " " " decreased
32 " " " no change
33 " " " increased
34 Severe duststorm or sandstorm
35 " " " no change
36 Slight or moderate drifting snow
37 Heavy
38 Slight or moderate
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
45 " " not " no change during preceding hour
46 " " discernible has begun or become thicker
47 " " not " during last hour
48 " depositing rime, sky discernible
49 " " " " not "

(Nos. 20–29: during preceding hour, not at time of observation; Nos. 30–35: during preceding hour)

50 Drizzle not freezing intermittent
51 " " continuous
52 " " intermittent
53 " " continuous
54 " " intermittent
55 " " continuous
56 " freezing slight
57 " " moderate or thick
58 " and rain slight
59 " " moderate or heavy
60 Rain not freezing intermittent
61 " " continuous
62 " " intermittent
63 " " continuous
64 " " intermittent
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
71 Continuous
72 Intermittent
73 Continuous
74 Intermittent
75 Continuous
76 Ice needles
77 Granular snow
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s) slight
81 " " moderate or heavy
82 " " [illegible]
83 Shower (s) of rain and snow slight
84 " " [illegible]
85 Snow shower (s) slight
86 " " moderate or heavy
87 Shower (s) of soft hail [illegible]
88 " " [illegible]
89 Shower (s) of [illegible]
90 " " [illegible]
91 Slight [illegible]
92 Moderate or heavy [illegible]
93 Slight snow [illegible]
94 Moderate or heavy snow [illegible]
95 Thunderstorm slight or moderate without hail
96 " " with hail
97 " heavy with hail
98 " with duststorm or sandstorm
99 " heavy with hail

(Nos. 50–59: slight; Nos. 60–65: moderate; Nos. 66–69: slight; Nos. 70–75: moderate; Nos. 76–79: heavy; Nos. 80–85: with or without fog)

* 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

C Cirrus
Ca Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Na Nimbostratus
Cb Cumulonimbus
Fc Fractocumulus
Fs Fractostratus
Cu Cumulus
St Stratus

GENERAL FORECAST from noon today to noon tomorrow:

Moderate winds mainly northerly, freshening at times on the coast. No change in temperature though below normal. Some low and medium clouds increasing on Lower Egypt and Cairo District, with possible occasional rain on the Coast. No appreciable change in Upper Egypt.

من ظهر اليوم إلى ظهر الغد
تستمر درجة الحرارة كما هي ولكنها دون المعدل مع ظهور السحب المتوسطة
والمنخفضة التي تتكاثر على الوجه البحري والقاهرة مع احتمال سقوط بعض الأمطار
أحيانا على الساحل في الغرب – والرياح أغلبها شمالية معتدلة وتنشط أحيانا على
الساحل – أما في الصعيد فلا تغير يذكر في حالة الطقس

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

04 30
14 55

1200 THURSDAY 26th NOVEMBER 1953

THURSDAY 26th NOVEMBER 1953

90	7	7	81	8	8	Cb,Sc	22.6	13	7	67	90	17	1.5	80	8	8	Cu,Sc	23.3	14	3	15	-8	48	10	
40	15	14	02	2	8	Cu,Sc	22.8	14	8	67	40	16	12	02	2	7	Cb,As,Ci	23.9	13	7	14		67	0	
20	13	14	02	6	8	NS	22.7	14	8	67	360	11	10	01	2	7	Cu,As	24.1	13	8	15		72	dr	
20	5	35	03	2	6	Sc,Ci	21.6	15	9	68	20	7	7	03	2	8	St	23.7	14	8	16		67	0	
350	10	35	01	2	6	Cu,Sc,Ac	21.5	16	8	59	320	11	35	01	1	2	Cu	23.0	15	7	18	-5	59	0	319
340	10	18	02	1	6	Cu,Sc	21.6	17	8	56	350	8	12	01	2	2	Sc	22.9	14	7	18	-5	63	0	
320	5	7	03	1	6	Sc	20.8	16	10	68	220	5		01	0	2	Cu	22.4	12	10	17	-5	88	0	
											310	10	18	01	0	1	Sc	22.6	15	9	18	-5	68	0	
270	3	30	01	1	2	Cb	19.8	18	9	56															
310	9	15	02	0	4	Cu	21.1	18	8	52	360	5	15	02	0	0	—	22.3	13	7	19	-5	67	0	
320	5	35	03	2	5	Cb	20.7	17	7	52	360	2	7	00	1	0	—	22.3	13	7	19	-5	67	0	
310	4	35	03	2	6	Cu	21.0	18	8	52	310	2	35	02	0	0	—	22.3	11	9	19	-5	88	0	
320	5	35	01	1	4	Cu	20.6	19	9	52	340	2	15	00	0	0	—	21.5	12	8	20		77	0	
00	0	35	01	1	3	Cb	20.5	18	8	52	00	0	15	02	1	0	—	21.8	11	7	20	-4	77	0	
270	3	35	03	1	6	Cu	20.4	19	7	46	360	2	35	01	0	0	—	21.8	14	8	21		67	0	
20	10	14	03	2	7	Sc	20.3	17	6	49	40	8	12	02	1	4	Ac,Cc	22.7	15	6	18		55	0	
320	8	30	02	1	6	Cu,Sc	20.9	17	8	56	30	5	12	03	2	7	Sc	22.0	14	8	18	-6	67	0	
320	4	18	03	1	6	Cu,Sc	20.9	18	8	52	350	3	10	01	2	5	Ac,Cc	22.2	14	9	18	-6	72	0	374
320	4	18	03	1	6	Cu,Sc	20.7	18	8	52	350	3	10	01	2	5	Ac,Cc	22.0	16	8	19	-5	59	0	375
340	10	15	03	1	4	Ac,Ci	20.7	18	6	46	340	5	15	01	1	3	Ci	22.6	14	8	18	-5	67	0	
20	6	35	01	1	3	Cu,Sc	20.4	20	8	46	00	0	35	02	1	3	Ci	22.4	15	9	20	-5	68	0	
360	11	8	02	2	6	Ci	20.1	21	7	41															
360	6	18	03	1	3	Ac,Ci	18.5	23	0	22	340	5	8	02	2	7	Ac,As	19.7	17	8	23	-3	56	0	
90	1	15	00	1	0	—	16.6	25	8	34	00	0	7	00	0	0	—	17.2	15	9	26	-1	68	0	
270	1	50	00	0	0	—	15.6	24	6	32															
360	4	30	02	0	0	—	16.0	23	6	34	20	2	12	02	0	0	—	16.6	15	4	24		48	0	
340	6	50	01	1	2	Ci	14.3	25	13	48															
100	6	18	03	1	5	Sc,As,Cs	20.3	21	8	44	80	10	8	02	2	7	Ns,Ac	20.0	15	11	21	-3	77	0	
90	2	35	03	2	7	Ac	20.7	20	11	56	00	0	15	02	1	3	Cu,As,Ci	21.9	15	11	21	-3	77	0	
00	0	35	03	2	7	Cs	21.5	21	7	41	00	0	15	01	2	4	Ci	21.2	11	4	22		63	0	
20	4	50	00	0	0	—	18.7	22	-1	21															
40	6	15	00	0	0	—	16.8	23	1	24															
360	4	50	03	0	5	Cu	20.4	19	7	46															
310	13	35	03	2	6	As	17.1	21	12	57	90	5	35	01	2	5	As	17.5	18	8	23	-2	52	0	
360	13	15	01	1	2	Sc,Cu	16.7	22	13	57															

FRIDAY 27th NOVEMBER 1953

340	7	7	80	8	8	Cb,Sc	23.5	+6.1	12	10	10	-3	88	10	128	
170	7	13	02	8	7	Cu,Ac,As	23.1		13	9	11		77	1	21	
100	3	15	01	2	6	Cu,Sc	23.3	+5.4	13	9	12		77	dr	20	
220	3	15	03	2	6	Sc	23.5		13	9	12		77	0	23	
40	8	15	60	6	8	Sc,As	23.4	+5.1	13	9	12	-3	77	dr	34	36
110	6	12	80	8	7	Cu,Sc	23.3	+5.8	13	10	8	-5	82	0.5	29	30
360	5	15	02	1	2	Cu	22.8	+5.6	15	9	11	-3	68	0	47	19
30	12	14	03	1	4	Sc	23.1	+5.8	17	9	14	-3	60	0	RAIN	
															RAIN	
90	9	7	02	0	5	Cu	23.0	+4.6	13	9	9	-3	77	0	8	14
270	2	15	00	0	0	—	22.5	+4.8	14	8	10	-3	67	0	9	8
90	3	35	01	1	2	Cu				7	7	-4		0	12	7
320	2	15	01	1	2	Cu	22.4	+4.2	11	9	7		88	0	RAIN	
00	0	15	02	0	0	—	22.8	+4.6	10	8	8	-3	88	0	7	6
320	2	35	03	1	6	Cu	22.6		13	7	9		67	0	18	
00	0	10	02	2	6	Ac	23.1		12	6	9		67	0	6	
00	0	12	01	2	4	Ac	22.8	+4.8	12	6	9	-4	67	0	1	
340	2	8	01	2	6	Sc	23.0	+5.0	12	8	9	-4	77	0	1	3
340	2	8	01	2	6	Sc	23.0	+4.9	12	7	7	-3	72	0	1	5
20	3	7	01	1	3	Ac	23.1	+4.5	12	5	10	-3	63	0	3	3
360	6	35	02	2	6	Sc	22.6	+4.2	14	8	9	-2	67	0	1	0
360	9	8	02	0	0	—	21.8	+3.6	12	8	8	-2	77	0	0	
290	6	12	02	0	0	—	21.4	+3.0	11	6	9	-2	71	0	0	
00	0	7	00	0	0	—	19.8	+2.7	15	9	9	-1	68	0	0	
270	1	35	00	0	0	—	19.4	+2.0	17	7	8	-4	52	0	0	
240	1	18	02	0	1	Ci	19.1	+2.2	13	5	6		59	0	0	
20	6	50	01	1	3	Ci	19.0	+2.0	16	10	12	-3	68	0	0	
80	5	13	02	2	8	Sc,Ac,As	23.0	+3.7	13	10	12	+4	82	0	0	1
00	0	35	02	1	3	Ac	23.3	+4.2	13	9	10	+1	77	0	0	2
00	0	35	03	1	2	Cu	23.0		11	4	8		63	0	0	
00	0	35	00	0	0	—	22.8	+4.1	13	4	9	-1	55	0	0	
00	0	15	02	1	1	Ci	21.8	+3.9	15	7	10	-1	59	0	0	
310	4	35	00	0	2	Cu	22.4	+5.1	13	7	8	-6	67	0	14	5
40	5	50	02	1	0	—	19.2	+2.7	17	7	12	-1	52	0	0	3
240	4	18	03	2	1	Cu	18.4	+2.5	17	7	14	0	52	0	0	
360	9	15	03	1	2	Ci	17.1	+0.7	19	7	16	-2	46	0	0	3

* 9 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

P.SAID 27th 14		MINYA 27th 14		ASWAN 27th 14		DAKHLA 27th 14		KHARGA 27th 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
50	16	350	11	350	8	350	15	20	18
50	18	340	16	350	6	350	21	20	21
60	21	360	17	340	8	340	19	20	21
70	25	330	11	310	17	330	26	360	17
		310	10	360	13	340	10		
		350	16						
		320	13						

ALEX (A.P.) 28th 2		P.SAID 28th 4		ALMAZA 28th 5 15		MINYA 28th 2 45		ASYOÛT 28th 2		LUXOR 28th 2	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
20	16	40	24	50	20	10	25	330	11	310	8
10	22	30	26	50	29	20	29	360	20	340	13
		30	42	60	35	20	26	360	22	340	16
		30	31	60	37	10	29	340	22	340	19
								330	19	320	19
										290	11

S. BARRANI 28th 8		P.SAID 28th 8		HELWAN 28th 7		ASYOÛT 28th 8		BAHARIA 28th 8		FARAFRA 28th 8		DAKHLA 28th 8		KHARGA 28th 8		HURGHADA 28th 8	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	D	SPEED
10	11	20	20	60	19	360	15	30	21	40	19	360	12	10	13	330	26
10	15	20	9	50	31	10	11	30	26	60	14	360	18	360	20	330	23
360	21	20	17	30	16	10	29	30	14	40	17	360	25	360	26	330	18
360	18			10	23	360	29	30	16	40	20	360	21	360	22	320	12
330	24					360	30			30	27						
330	24									20	12						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

CAIRO A. P.
27th
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
70	15		10	17										
188	16		10	17										
1540	4		20	15										
3094	-5		310	12										
5642	-24		250	23										
7233	-36		250	38										
9190	-46		260	60										
11850	-51													

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE *Saturday 28th November, 3*

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than [illegible]
12 Continuous [illegible] 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, of 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
34 Severe duststorm or sandstorm — decreased, no change, increased
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 — heavy
55 " continuous
56 " freezing slight
57 moderate or thick
58 " 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 snow pellets with [illegible] slight
88 " moderate or heavy
89 Shower (s) of hail with [illegible] moderate
90 " moderate or heavy
91 Slight rain [illegible]
92 Moderate or heavy [illegible]
93 Slight snow [illegible]
94 Moderate or heavy snow [illegible]
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 Thunderstorm

CLOUD FORM

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

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

Weather remains cold, with moderate northeasterly winds, low clouds increasing in Lower Egypt and Cairo District especially by day, and scattered showers. In Upper Egypt slight decrease in temperature, with clear weather in general, and moderate northerly winds.

من ظهر اليوم الى ظهر الغد
يستمر الطقس باردا وتظهر السحب المنخفضة متكاثرة في الوجه
البحري والقاهرة خاصة أثناء النهار مع سقوط أمطار في أنحاء
متفرقة والرياح شمالية شرقية معتدلة - أما في الصعيد فتنخفض
درجة الحرارة قليلا والسماء صحو بوجه عام مع رياح شمالية معتدلة

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

SYNOPTIC SURFACE OBSERVATIONS

04 31
14 55

FRIDAY 27th NOVEMBER 1953

360	7	7	80	8	8	NS,Sc	24.0	11	9	88	110	17	1.5	81	8	8	NS, Sc	25.6	14	10	18	-5	77	15	
50	7	4	65	9	8	NS	24.0	12	10	88	4c	17	10	80	8	7	NS,Sc/Ac	25.0	13	10	16		82	27	
60	13	12	61	6	8	NS	23.5	13	12	94	90	6	10	61	6	7	NS	24.6	12	11	18		94	17	
90	4	35	03	2	8	NS	23.0	15	9	68	320	10	7	61	6	8	NS	24.7	12	10	16		88	33	
40	18	35	01	2	6	Cu, As	22.5	15	8	63	40	13	35	01	1	3	Cu, As	24.4	14	10	17	-6	77	0	319
60	14	18	02	2	7	Cu, Ac, Ci	22.7	17	6	49	90	8	12	03	1	5	Cu, Sc	24.4	13	10	18	-5	82	0	
40	5	14	03	1	3	Cu	22.2	17	11	68	40	13		03	6	6	Cu, Sc	24.0	15	11	17	-5	77	1	
70	14	30	02	1	5	Cu, Sc	22.1	16	11	72	40	24	14	02	2	6	Cu, Sc	24.0	15	9	19	-4	68	0.1	
360	13	15	02	1	6	Ac	22.4	17	4	42	360	9	7	02	1	1	Cu	24.4	13	9	18	-6	77	0	
20	9	35	03	2	6	Ac	22.2	18	8	52	40	2		20	5	8	Cu, Sc	23.1	14	10	19	-5	77	dr	
360	7	35	03	2	7	Cu	21.6	17	4	42	40	5	35	03	5	8	Sc	23.6	13	11	19	-5	88	0	
340	9	35	01	1	3	Cu	21.1	18	8	52	40	2	15	00	0	2	As	23.5	12		19			0	
320	1	35	03	1	6	Cu	21.2	19	7	46	00	0	15	01	1	3	As	23.4	14	10	21	-3	77	0	
20	2	35	02	1	6	Cu	21.2	20	6	41	40	3	35	03	2	8	As	22.7	14	8	20		67	0	
40	14	18	02	2	6	Cu, Sc, Ac	20.6	18	5	43	70	16	12	01	2	3	Ac	23.3	14	9	19		72	0	
40	10	30	03	2	7	Sc, Cu, Ac	21.0	17	6	49	40	15	14	03	1	3	Ac	22.9	14	9	20	-4	72	0	
30	3	18	03	2	7	Cu, Sc	21.0	18	6	46	40	7	10	01	2	2	Ac	23.0	14	9	20	-4	72	0	
30	3	18	03	2	7	Cu, Sc	21.2	19	5	40	40	7	10	01	2	2	Ac	22.8	15	9	20	-3	68	0	
360	12	15	03	1	5	Cu, Ac	20.8	19	5	40	20	14	7	01	1	2	Ac	23.1	13	9	19	-4	77	0	
360	6	35	01	1	3	sc	20.3	20	6	41	360	4	35	02	0	0	—	23.1	14	5	21	-4	55	0	
360	10	10	02	0	0	—	19.8	20	6	41	360	9	8	02	0	0	—	21.4	14	7	21	-4	63	0	
320	10	30	02	0	0	—	19.1	21	2	29	290	2	8	02	0	0	—	21.0	15	5	21	-5	52	0	
00	0	15	00	0	0	—	17.1	22	6	36	220	3	7	00	0	0	—	19.6	16	9	22	-5	64	0	
270	1	50	00	0	0	—	16.9	24	9	38	240	1	7	00	0	0	—	19.1	15	7	26	-2	59	0	
360	4	30	02	0	0	—	16.6	23	5	32	00	0	12	02	0	0	—	18.4	17	6	24		49	0	
340	6	50	00	0	0	—	16.2	23	11	47	00	0	50	00	0	0	—	17.1	21	7	25	-3	41	0	
140	4	18	03	2	7	Sc, Ac	22.7	17	10	64															
360	3	35	02	1	4	Ac	21.4	20	8	46	360	4	15	02	2	8	Ac	22.8	16	10	20	-4	68	0	
350	2	35	03	1	2	Cu	21.6	22	6	36	00	0	15	50	5	8	Cu, Sc	22.7	14	5	22		55	dr	
340	5	50	00	0	0	—	20.6	21	6	38	360	11	15	00	0	0	—	22.0	16	5	22	-4	49	0	
360	6	7	00	0	0	—	18.2	22	6	36	360	3	15	00	0	0	—	19.4	16	6	23	-4	52	0	
360	7	50	03	0	4	Cu	20.0	18	6	46	360	6	15	01	0	3	Cu	22.2	14	8	19	-5	67	0	
310	19	50	02	0	0	—	17.5	22	13	57	270	?	35	02	0	0	—	18.6	19	7	23	-2	46	0	
											240	2	10	02	0	0	—	17.0	16	6	21	-3	52	0	
360	13	15	02	1	2	Ac	16.3	23	12	50	360	5	15	00	1	0	—	17.4	21	12	23	-3	57	0	

FRIDAY 27th NOVEMBER 1953

40	13	15	03	2	7	NS	30.3	+12.9	15	1	10		39	41	163							
10	12	15	02	2	5	Cu, Ac, As	29.6		14	3	11		48	37	58							
20	13	14	02	2	7	Ns	29.1	+11.2	14	6	11		59	17	37							
360	9	15	03	2	6	Sc	28.4		13	7	9		67	33	64							
40	15	35	03	8	6	Sc	27.6	+9.2	14	5	12	-3	55	1	35	37						
50	12	12	02	8	7	Cu, Sc	27.7	+10.2	13	6	10	-3	63	6	35	31						
360	9		50	6	8	Cu, Sc	27.4	+10.1	13	9	11	-3	77	2	49	20						
															33							
360	8	18	20	5	6	Cu	26.5	+8.5	13	2	12		48	dr	RAIN							
40	9		02	6	3	Ci	27.0	+8.6	11	9	10	-2	88	0.1	8	15						
40	2	7	03	2	8	Cu, Sc	26.8	+9.0	12	8	10	-2	77	dr	9	9						
40	3	35	03	2	6	Cu	27.2	+8.7	11	9	8	-3	88	0	12	7						
320	5	15	01	1	6	Sc	26.8	+8.5	11	9	9		88	0	RAIN							
00	0	15	02	1	6	Cu	27.1	+8.8	11	9	9	-2	88	0	7	6						
70	3	35	03	2	8	As	26.4		13	4	10		55	dr	18							
70	8	14	01	2	5	Sc, Ac	27.2		12	8	10		77	dr	6							
40	5	15	01	2	5	Cu	26.4	+8.4	11	9	9	-4	88	0	1							
00	0	10	20	5	4	Sc	27.2	+9.1	12	8	10	-2	77	dr	1	3						
00	0	10	20	5	4	Sc	27.0	+8.9	12	8	10	0	77	dr	1	5						
20	11	15	01	1	6	Sc	27.1	+8.5	12	6	10	-3	67	dr	3	3						
360	6	35	03	1	6	Sc	27.0	+8.6	12	8	9	-2	77	0	1	0						
10	7	8	02	0	0	—	25.6	+7.3	12	9	8	-2	82	0	0							
280	1	12	02	0	0	—	24.8	+6.3	10	6	7	-3	76	0	0							
00	0	7	00	0	0	—	22.4	+5.2	12	8	8	-2	77	0	0							
270	1	35	00	0	0	—	22.3	+4.8	17	7	9	-3	52	0	0							
230	3	30	02	0	0	—	22.1	+5.1	14	2	8		45	0	0							
00	0	50	00	0	0	—	21.6	+4.5	16	8	11	-3	59	0	0							
40	4	18	01	2	5	Sc, As, Ac	29.1	+9.7	12	8	10	+3	77	dr	dr	1						
360	1	35	02	0	0	—	28.4	+9.2	10	8	9	0	88	0.5	0.5	2						
360	4	35	00	0	0	—	27.9		10	6	8		76	dr	dr							
340	9	35	01	1	3	Ci	25.2	+6.4	13	4	9	-1	55	0	0							
360	2	15	00	0	0	—	22.6	+4.6	13	4	10	-1	55	0	0							
310	5	35	00	0	5	Cu	26.3	+9.0	12	5	10	-3	63	0	14	5						
40	5	50	02	0	0	—	24.6	+7.8	16	5	10	-3	49	0	0	3						
280	9	18	02	0	1	Ci	20.6	+4.0	16	6	12	-2	52	0	0							
330	9	15	02	0	0	—	19.8	+3.4	17	7	16	-2	52	0	0	3						

SATURDAY 28th NOVEMBER 1953

40	13	15	03	2	7	NS	30.3	+12.9	15	1	10		39	41	163							
10	12	15	02	2	5	Cu, Ac, As	29.6		14	3	11		48	37	58							
20	13	14	02	2	7	Ns	29.1	+11.2	14	6	11		59	17	37							
360	9	15	03	2	6	Sc	28.4		13	7	9		67	33	64							
40	15	35	03	8	6	Sc	27.6	+9.2	14	5	12	-3	55	1	35	37						
50	12	12	02	8	7	Cu, Sc	27.7	+10.2	13	6	10	-3	63	6	35	31						
360	9		50	6	8	Cu, Sc	27.4	+10.1	13	9	11	-3	77	2	49	20						
															33							
360	8	18	20	5	6	Cu	26.5	+8.5	13	2	12		48	dr	RAIN							
40	9		02	6	3	Ci	27.0	+8.6	11	9	10	-2	88	0.1	8	15						
40	2	7	03	2	8	Cu, Sc	26.8	+9.0	12	8	10	-2	77	dr	9	9						
40	3	35	03	2	6	Cu	27.2	+8.7	11	9	8	-3	88	0	12	7						
320	5	15	01	1	6	Sc	26.8	+8.5	11	9	9		88	0	RAIN							
00	0	15	02	1	6	Cu	27.1	+8.8	11	9	9	-2	88	0	7	6						
70	3	35	03	2	8	As	26.4		13	4	10		55	dr	18							
70	8	14	01	2	5	Sc, Ac	27.2		12	8	10		77	dr	6							
40	5	15	01	2	5	Cu	26.4	+8.4	11	9	9	-4	88	0	1							
00	0	10	20	5	4	Sc	27.2	+9.1	12	8	10	-2	77	dr	1	3						
00	0	10	20	5	4	Sc	27.0	+8.9	12	8	10	0	77	dr	1	5						
20	11	15	01	1	6	Sc	27.1	+8.5	12	6	10	-3	67	dr	3	3						
360	6	35	03	1	6	Sc	27.0	+8.6	12	8	9	-2	77	0	1	0						
10	7	8	02	0	0	—	25.6	+7.3	12	9	8	-2	82	0	0							
280	1	12	02	0	0	—	24.8	+6.3	10	6	7	-3	76	0	0							
00	0	7	00	0	0	—	22.4	+5.2	12	8	8	-2	77	0	0							
270	1	35	00	0	0	—	22.3	+4.8	17	7	9	-3	52	0	0							
230	3	30	02	0	0	—	22.1	+5.1	14	2	8		45	0	0							
00	0	50	00	0	0	—	21.6	+4.5	16	8	11	-3	59	0	0							
40	4	18	01	2	5	Sc, As, Ac	29.1	+9.7	12	8	10	+3	77	dr	dr	1						
360	1	35	02	0	0	—	28.4	+9.2	10	8	9	0	88	0.5	0.5	2						
360	4	35	00	0	0	—	27.9		10	6	8		76	dr	dr							
340	9	35	01	1	3	Ci	25.2	+6.4	13	4	9	-1	55	0	0							
360	2	15	00	0	0	—	22.6	+4.6	13	4	10	-1	55	0	0							
310	5	35	00	0	5	Cu	26.3	+9.0	12	5	10	-3	63	0	14	5						
40	5	50	02	0	0	—	24.6	+7.8	16	5	10	-3	49	0	0	3						
280	9	18	02	0	1	Ci	20.6	+4.0	16	6	12	-2	52	0	0							
330	9	15	02	0	0	—	19.8	+3.4	17	7	16	-2	52	0	0	3						

9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S. Barrani 28-11 14		Alex A.P. 28-11 14		Almaza 28-11 14 30		Minya 28-11 14		Asyout 28-11 14		Siwa 28-11 14		Aswan 28-11 14		Dakhla 28-11 14		Kharga 28-11 14		Haraghada 28-11 14			
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
30	17	10	10	330	15	10	14	350	27	30	21	360	17	360	20	10	21	320			
20	18	10	10	330	16	10	15	360	23	30	21	360	23	20	21	10	23	330			
20	23	10	10	330	20	350	11	10	19	40	15	360	25	20	35	10	24	330	7		
				20	18	20	9	350	26	20	12	350	19					310	17		
				350	21					360	16	350	18								
										360	16	330	16								

P. Said 29-11 04		Minya 29-11 02		Asyout 29-11 02																	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
20	9	10	20	360	16																
10	12	20	33	20	26																
10	13	20	22	10	24																
350	12	360	29	10	21																
		360	16																		

S. Barrani 29-11 08		Alex A.P. 29-11 08		Almaza 29-11 08 45		Helwan 29-11 07		Minya 29-11 07 45		Asyout 29-11 08		Luxor 29-11 08		Bahariya Farafra 29-11 08		29-11 08		Dakhla 29-11 08		Kharga 29-11 08	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
140	5	210	3	40	8	20	9	10	15	360	12	320	1	50	11	20	16	30	16	20	21
340	5	30	7	40	16	40	14	10	19	10	20	40	2	70	10	20	16	30	20	30	27
320	7	20	8	40	15	40	25	20	21	20	20	130	5	60	10	40	20	30	34	30	36
360	9			20	13	30	30	10	40	10	27	20	7	20	11	30	24	20	19		
												350	8	20	23	40	20				
												320	12								

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

Cairo A.P. 28-11 15																					
ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED
70	13		40	22																			
236	12		40	22																			
1570	2		350	17																			
3117	-4		350	28																			
5685	-16		360	42																			
7612	-30																						
9302	-43																						
11950	-56																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Sunday 29th November 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
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. توقعات لفترة ما بين ظهر اليوم والظهر غدا

Cool air continues investing Egypt, with increasing low بقاء الجو بارد على مصر مع زيادة السحب

clouds in Lower Egypt during day time. Moderate northeasterly winds المنخفضة في مصر السفلى أثناء النهار ورياح شمالية شرقية

with possible light scattered showers in the North. معتدلة مع احتمال سقوط زخات متفرقة في الشمال

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 04 31
14 55

At 1200 — SATURDAY 28th NOVEMBER 1953

320	4	35	02	2	6	Sc	29.8	16	3	42
30	14	14	02	2	7	Cu,Ac,As	29.7	15	6	55
360	8	15	02	2	7	Sc	29.0	15	7	59
40	8	35	02	1	4	Sc	27.9	15	7	59
40	13	35	01	1	5	Cu, Sc	27.6	15	4	48
40	13	18	02	2	7	Cu, Sc	27.9	15	6	55
40	9	15	01	5	6	Sc	27.6	14	8	67
20	20	30	02	8	5	Cu, Sc	27.5	14	7	63
40	4	18	03	6	6	St	26.6	11	7	77
40	9	15	02	2	7	Sc	27.6	13	9	77
40	5	15	03	2	6	Sc, Cu	27.4	15	4	48
40		35	03	6	8	Sc	27.1	14	5	55
290	13	35	01	6	4	Sc	26.8	15	7	59
40	2	35	03	1	7	Cu	27.4	14	5	55
360	4	35	02	6	8	Cu	26.8	14	5	55
70	12	18	01	2	5	Sc	27.1	14	3	48
60	12	30	02	2	6	Cu, Sc	26.8	14	5	55
50	3	18	03	1	6	Cu, Sc	27.0	14	5	55
50	3	18	03	1	6	Cu, Sc	26.7	15	5	52
20	19	15	02	2	6	Cb	27.0	14	6	59
360	8	35	02	2	7	Cb	26.2	17	4	42
320	3	15	00	0	0	—	20.2	22	6	36
270	1	50	00	0	0	—	19.5	23	5	32
310	10	30	03	0	1	Cu	20.0	22	4	31
340	8	15	09	3	0	—	19.5	21	10	50
30	6	18	03	1	7	Sc	29.1	18	3	37
360	3	35	03	2	7	Ac	26.8	17	9	60
20	14	35	03	2	7	Sc	26.7	18	3	37
20	6	50	01	1	1	Ci	24.4	19	7	46
20	9	7	07	0	0	—	22.0	19	4	37
310	8	50	03	0	6	Cb	25.6	15	4	48
310	19	50	01	1	1	Ac	21.2	20	8	46
300	20	10	07	0	1	Cu	20.3	18	8	52
360	13	15	03	1	2	Ac	19.8	21	10	50

SATURDAY 28th NOVEMBER 1953

320	7	15	01	1	2	Cu	29.3	14	3	17	-6	48	0	
20	7	13	02	2	7	Cu, Sc	29.5	14	6	16		59	0	
360	12	10	02	2	8	Cu	29.4	14	6	15		59	0	
40	5	7	02	1	4	Cu	28.9	14	3	15		48	0	
40	11	35	01	1	3	Cu, Sc	28.4	13	7	16	-7	67	1	319
80	9	10	61	6	7	Ns	28.9	11	9	16	-7	88	Rain	
20	5		01	1	3	Cu	29.0	12	5	15	-7	63	dr	
10	16	12	02	1	6	Cu, Sc	28.5	14	4	15	-7	52	0.1	
40	2	7	02	0	2	Cu	28.6	12	8	15	-9	77	0	
40	2	7	00	1	0	—	28.1	10	6	16	-8	76	0	
00	0	35	03	2	6	Cu	28.0	9	7	16	-3	88	3	
20	2	15	01	1	3	Sc	28.6	9	7	19		88	1	
00	0	15	01	1	3	Cu	28.3	10	6	17	-7	76	0	
20	2	35	03	6	7	Ac	27.7	10	6	15		76	1	
70	10	12	02	0	1	Ac	28.6	10	4	15		67	0	
20	11	12	01	2	1	Sc	27.9	11	5	15	-9	67	0	
30	4	8	01	2	3	Sc	28.0	11	5	15	-9	67	0	374
30	4	8	01	2	3	Sc	28.0	12	5	17	-6	63	0	375
20	10	15	01	1	1	Sc, Cu	28.6	11	4	14	-9	63	dr	
360	4	35	01	1	4	Cb	27.4	13	4	17	-8	55	0	
10	8	8	02	1	0	—	26.4	12	6	18	-7	67	0	
340	15	8	02	0	0	—	25.6	13	0	20	-5	41	0	
320	3	7	00	0	0	—	21.4	15	9	22	-5	68	0	
270	1	7	00	0	0	—	21.8	16		25	-3		0	
330	2	12	02	0	0	—	21.4	14	3	22		45	0	
360	6	50	00	0	0	—	20.4	18	8	22	-6	52	0	
30	4	12	02	1	4	Sc	29.9	13	4	18	-6	55	0	
360	3	15	02	2	8	Ac	27.9	14	10	17	-7	77	0	
360	5	15	01	2	4	Sc	27.6	14	5	19		55	0	
360	15	7	00	0	0	—	26.6	15	1	19	-7	39	0	
20	6	7	00	0	0	—	23.5	14	3	19	-8	48	0	
360	5	15	01	0	0	—	27.4	12	3	16	-8	55	0	
310	13	35	02	0	0	—	24.4	16	-1	21	-4	32	0	
280	15	10	02	0	0	—	22.1	16	6	18	-6	52	0	
360	13	15	01	1	0	—	20.7	19	7	21	-5	46	0	

At 0600 — SUNDAY 29th NOVEMBER 1953

Wind					Cloud		Bar. Pressure		Temperatures		Minimum		Relative humidity %	Rainfall		
			Present weather	Past weather	Amount	Form	Mb	Diff. from normal	Dry bulb	Dew point	Today	Diff. from normal		Past 24 hrs	Total	Normal
320	9	15	03	2	6	Sc	28.7	+11.3	12	5	10	-3	63	0	168	
180	4	13	61	6	7	Sc, As	29.2		11	8	11		82	4	62	
310	8	18	02	2	7	Cu, Sc	29.0	+11.1	12	9	11		82	0	37	
360	12	15	55	5	7	Sc	28.6		13	9	10		77	1	65	
180	5	35	03	8	4	Cu, Sc	28.6	+10.2	10	8	10	-5	88	2	37	38
220	5	18	02	2	6	Cu, Sc	28.6	+11.1	10	8	9	-4	88	Rain	Rain	32
220	2	7	03	1	5	Sc	28.7	+11.4	11	9	8	-5	88	dr	49	20
40	12	30	01	1	5	Cu, Sc	28.7	+11.3	13	4	12	-4	55	0.1	33	
160	4	18	01	2	6	Cu, Sc	27.8	+9.8	9	7	7	-4	88	6	RAIN	
310	5	7	02	2	8	Sc	28.0	+9.6	9	4	8	-4	71	0	8	15
320	1	15	01	1	3	Ac	29.0	+11.2	11	7	7	-5	77	0	9	9
00	0	35	03	2	0	—	28.2	+9.7	8	8	5	-6	97	3	15	7
340	2	15	01	1	3	Sc	28.0	+9.7	10	8	6		88	1	RAIN	
00	0	15	02	1	3	Cu	29.1	+10.7	8	6	6	-5	88	0	7	6
270	2	35	03	2	7	Ac	28.2		9	4	5		71	1	19	
00	0	12	02	1	1	Sc	28.9		10	4	5		67	0	6	
130	2	12	01	2	0	—	28.7	+10.6	9	4	8	-5	71	0	1	
00	0	8	00	0	0	—	28.8	+10.7	9	5	7	-5	76	0	1	3
00	0	8	00	0	0	—	28.4	+10.2	7	5	4	-6	87	0	1	5
360	4	7	02	0	0	—	28.6	+9.9	9	2	5	-7	62	dr	3	3
20	4	35	02	1	2	Cu, Sc	28.8	+10.3	8	6	4	-7	88	0	1	0
350	7	8	02	0	0	—	27.5	+9.2	7	5	4	-6	87	0	0	
310	4	12	02	0	0	—	27.5	+8.9	7	2	4	-6	71	0	0	
70	3	7	00	0	0	—	25.1	+7.9	10	3	7	-3	62	0	0	
270	1	15	00	0	0	—	25.0	+7.4	12	3	6	-5	55	0	0	
200	6	18	02	0	0	—	24.5	+7.4	9	2	6		62	0	0	
20	8	15	09	3	0	—	24.4	+7.2	11	7	9	-5	77	0	0	
00	0	18	02	2	7	Sc	29.3	+9.9	13	8	11	+4	72	0	dr	1
00	0	35	02	0	0	—	29.6	+10.4	10	6	4	-5	76	0	0.5	2
360	4	35	00	0	0	—	29.0		7	2	5		71	0	dr	
320	9	50	00	0	0	—	27.4	+8.6	10	3	8	-2	62	0	0	
360	4	15	00	1	0	—	25.4	+7.3	10	0	7	-3	50	0	0	
360	4	35	00	0	4	Cu	28.4	+11.0	10	3	6	-7	62	0	14	5
40	5	50	00	0	0	—	24.0	+7.4	14	3	11	-2	48	0	0	3
260	8	18	02	0	1	Cu	24.0	+8.0	12	2	8	-6	51	0	0	
330	9	15	03	1	3	Ac	23.0	+6.5	14	3	13	-5	48	0	0	3

† ∅ = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S. BARRANI		ALEX. A.P.		P. SAID		ELARISH		ALMAZA		MINYA		ASWAN		SIWA		DAKHLA		KHARGA		HURGHADA	
DATE	29 th		29 th		29 th		29 th		29 th		29 th		29 th		29 th		29 th		29 th		29 th	
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
100 m.	80	9	30	7	30	10	70	7	40	17	360	25	350	12	350	10	360	26	10	23	330	21
500 m.	70	5	10	7	30	11	50	9	40	17	10	21	350	13	340	8	360	28	10	26	330	22
1000 m.	10	7	360	9	20	10	30	9	40	19	20	23	360	14	340	5	360	28	10	26	330	17
1500 m.	300	12	330	8	330	11	40	11	30	19	30	22	50	9	350	4					320	13
2000 m.	330	7					20	16	30	30	350	18	20	10							350	8
2500 m.	330	8									360	13	40	8							360	10
3000 m.																					340	13
3500 m.																						
4000 m.																						
4500 m.																						
5000 m.																						

STATION	ELARISH		MINYA		ASYOUT												DAKHLA		KHARGA		HURGHADA	
DATE	30 th		30 th		30 th												30 th		30 th		30 th	
TIME	3		2		2												8		8		8	
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
100 m.	70	15	350	3	360	11											20	13	360	16	320	23
500 m.	40	25	340	6	10	13											10	13	20	23	310	15
1000 m.	40	27	350	8	10	25											20	15	30	30	320	6
1500 m.	20	29	350	6	360	13											360	17			80	6
2000 m.																					60	4
2500 m.																						
3000 m.																						
3500 m.																						
4000 m.																						
4500 m.																						
5000 m.																						

STATION	S. BARRANI		ALEX. A.P.		P. SAID		ALMAZA		HELWAN		MINYA		ASYOUT		LUXOR		SIWA		BAHARIA		FARAFRA	
DATE	30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th	
TIME	8		8		8		9		6 45		8		8		9		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
100 m.	340	5	60	2	210	9	360	12	30	13	360	11	360	11	320	2	40	8	40	30	40	15
500 m.	360	10	360	8	220	9	350	10	30	23	20	24	360	16	330	7	30	8	40	36	20	13
1000 m.	10	9	20	8	220	9	40	17	50	19	30	21	30	33	60	4	10	9	40	28	10	12
1500 m.	20	12	20	10	250	9	30	29	40	36	10	27	360	22	350	10	20	12	30	42	20	15
2000 m.	40	12			270	7	30	33			20	31	340	13			40	13	40	19		
2500 m.	40	7			270	9					10	31	320	10			40	15				
3000 m.	10	13			280	8											50	16				
3500 m.																						
4000 m.																						
4500 m.																						
5000 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																						
950 mb.																						
900 mb.																						
850 mb.																						
800 mb.																						
750 mb.																						
700 mb.																						
650 mb.																						
600 mb.																						
550 mb.																						
500 mb.																						
450 mb.																						
400 mb.																						
350 mb.																						
300 mb.																						
250 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 30th NOVEMBER, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous " on land or 10 m. on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 " reaching ground but distant 5 kms
16 " " near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s)
20 Drizzle (not freezing)
21 Rain (" ")
22 Snow — not falling as shower (s) — during preceding hour not at time of observation
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 dustorm or sandstorm — decreased / no change / increased — during preceding hour
31
32
33
34 Severe dustorm or sandstorm — no change / increased
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 — heavy
55 " " " continuous
56 " freezing, slight
57 " " moderate or heavy
58 " and rain, slight
59 " " moderate or heavy
60 Rain, not freezing, intermittent — slight
61 " " " continuous
62 " " " intermittent — moderate
63 " " " continuous
64 " " " intermittent — heavy
65 " " " continuous
66 Rain, freezing, slight
67 " " moderate or heavy
68 " or drizzle and snow, slight
69 " " " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous " " "
72 Intermittent " " " — moderate
73 Continuous " " "
74 Intermittent " " " — heavy
75 Continuous " " "
76 Ice needles
77 Granular snow — with or without 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, mixed, 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, slight
88 " " " " " moderate or heavy
89 Slight rain at time of observation
90 Moderate or heavy rain " " "
91 Slight snow " " "
92 Moderate or heavy snow " " "
93 Thunderstorm, slight or moderate, without hail — with rain / with snow / with rain and snow
94 " heavy without hail
95 " with dust(storm or sandstorm
96 " 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

C Cirrus
Cs Cirrostratus
Cc Cirrocumulus
Ac Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cu Cumulus (also)
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

LIBRARY
MAR 18 1954
WEATHER BUREAU

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

The present cold spell continues. Much low clouds with occasional showers during the day. Moderate northeasterly winds freshening at times.

سيظهر اليوم إلى ظهر الغد
تستمر الموجة الباردة سائدة. وتظهر السحب المنخفضة
أثناء النهار مع احتمال سقوط أمطار في أنحاء متفرقة.
والرياح شمالية شرقية معتدلة تنشط أحيانا

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO: Time of Sunrise 04 32 U.T. / Sunset 14 55 U.T.

At 1200 on SUNDAY 29th NOVEMBER 1953

Wind direction	Wind velocity (knots)	Visibility	Present weather	Past weather	Cloud amount	Cloud forms	MSL pressure	Dry	Dew	Humidity
320	2	0.8	03	2	4	Cb, Ac	27.8	17	4	42
240	1	15	02	6	8	Cb, Ac, As	27.9	15	8	63
280	9	15	25	6	7	Ns	27.8	15	12	82
320	6	35	01	1	3	Cu	27.6	16	5	49
240	6	15	01	1	3	Cu, Sc	27.4	17	7	52
150	4	18	02	1	5	Cu	27.4	17	8	56
340	2	7	03	1	7	Cu	27.5	15	9	68
50	8	30	03	1	4	Sc	27.6	16	6	52
230	9	15	02	1	1	Cu	27.1	16	8	59
360	2	15	03	2	7	Sc, Cu	27.2	15	7	59
00	0	35	03	2	5	Cu	26.8	15	7	59
20	9	35	01	1	4	Cb	26.8	17	7	52
00	0	35	03	1	7	Cu	27.2	16	5	49
20	3	35	03	1	6	Cb	26.8	15	1	89
40	10	14	03	1	6	Sc	27.3	15	2	42
30	11	30	03	2	7	Sc	26.7	15	4	48
40	3	18	03	0	7	Sc	27.0	15	3	45
40	3	18	03	0	7	Sc	26.6	16	2	39
360	19	15	03	1	4	Cu	27.1	15	-1	34
20	4	35	01	0	0	—	26.3	16	3	42
20	16	10	02	0	0	—	24.9	17	2	37
360	10	18	02	0	0	—	22.5	17	6	49
00	0	15	00	0	0	—	21.4	20	3	33
270	1	50	00	0	0	—	21.5	21	4	33
40	4	30	02	0	0	—	21.3	19	-2	24
340	8	15	00	3	0	—	19.9	20	8	46
350	6	18	03	2	6	Cu, Ac, Ci	28.3	18	1	32
360	2	35	02	1	4	Ac	27.0	15	7	59
30	14	35	03	2	5	Sc	27.0	16	-1	32
360	8	50	00	0	0	—	25.8	16	-1	32
36	10	7	00	0	0	—	23.1	16	-1	32
40	7	50	03	0	5	Cu	26.3	15	1	39
310	9	50	02	0	0	—	22.6	19	-2	24
320	8	30	02	0	1	Sc	22.2	17	3	39
360	13	15	03	1	4	Cu	21.2	15	10	72

At 1800 on SUNDAY 29th NOVEMBER 1953

Wind direction	Wind velocity (knots)	Visibility	Present weather	Past weather	Cloud amount	Cloud forms	MSL pressure	Dry	Dew	Maximum	Diff. from normal	Humidity	Rainfall	Station number
180	3	14	02	0	1	Cu	29.4	12	9	17		82	1	
200	5	10	25	6	8	Sc	28.6	12	12	16		97	3	
110	6	35	03	0	4	Cu, Sc	28.0	13	7	19	-4			
110	6	35	03	0	4	Cu, Sc	28.0	13	7	19	-4	67	0	319
140	7	12	02	2	3	Sc	28.1	13	9	17	-6	77	0	
340	5		01	1	4	Cu	28.0	13	9	16	-6	77	0	
50	9	18	02	2	5	Sc	27.7	14	5	17	-5	55	0	
00	0	12	03	1	4	Sc, Cu	27.7	11	6	17		71	0	
230	5		02	0	0	—	28.0	10	8	17	-7	88	0	
10	2		03	2	4	Sc, Cu	28.3	11	4	16	-8	63	0	
00	0	35	01	2	3	Cu	27.9	10	8	18	-6	88	0	
20	2	15	00	0	0	—	27.9	11	9	17		88	0	
00	0	15	01	1	3	Cu	28.4	11	7	19	-5	77	0	
70	10	12	01	2	1	Sc	28.6	12	4	15		59	0	
40		12	03	1	3	Sc	28.2	10	5	15	-8	71	0	
50	3	8	01	2	2	Sc	28.4	10	5	15	-9	71	0	374
50	3	8	01	2	2	Sc	28.0	12	4	17	-6	59	0	375
20	8	7	01	1	0	—	28.6	11	1	15	-8	51	0	
360	4	35	02	0	0	—	27.5	11	4	17	-8	63	0	
360	8	8	02	0	0	—	26.7	10	3	17	-8	62	0	
300	2	8	02	0	0	—	25.7	9	2	17	-8	62	0	
220	3	7	00	0	0	—	23.6	13	1	21	-5	44	0	
290	1	7	00	0	0	—	22.8	12	3	22	-6	55	0	
360	4	50	00	0	0	—	21.2	18	5	21	-7	43	0	
40	2	15	02	2	6	Cs	27.6	14	8	17	-7	67	0	
00	0	15	01	1	3	Sc	28.0	11	4	17		63	0	
340	11	7	00	0	0	—	27.2	11	-2	16	-9	41	0	
360	5	15	00	0	0	—	23.9	12	0	17	-10	44	0	
360	6	15	01	0	0	—	26.2	11	1	16	-8	51	0	
20	5	50	02	0	0	—	24.3	15	1	19	-6	39	0	
240	3	10	00	0	0	—	23.4	12	3	18	-6	55	0	
360	13	15	01	1	0	—	22.3	13	4	18	-8	55	0	

At 0600 on MONDAY 30th NOVEMBER 1953

Wind direction	Wind velocity (knots)	Visibility	Present weather	Past weather	Cloud amount	Cloud forms	MSL pressure (mb)	Diff. from normal (mb)	Dry	Dew point	Minimum today	Diff. from normal	Relative humidity %	Rain 24 hrs		
270	5	15	02	1	3	Cb	29.8	+12.4	15	7	10	-2	59	2	170	
60	4	10	81	8	4	Cb	29.3		11	9	10		88	5	67	
240	10	14	01	2	3	Cu	28.4	+10.4	12	9	10		82	11	48	
180	5	35	02	1	4	Cu	27.2	+8.8	14	10	10	-5	77	0	37	39
260	7	18	02	1	4	Cu	27.7	+10.1	12	9	7	-6	82	0		33
140	5		03	6	7	Cu, Sc	27.2	+9.8	13	11	10	-3	88	1	50	21
170	6	12	02	1	6	Sc	27.5	+10.1	13	5	10	-6	59	0	33	
120	2	18	01	2	6	Ci	26.7	+8.6	7	-1	5		57	0	RAIN	
40	5	7	02	1	4	Ac	27.2	+8.7	10	8	8	-4	88	0	8	15
360	2	15	03	2	7	Ns	27.4	+9.5	10	6	7	-5	76	0	9	9
310	1	35	03	2	7	Cu	27.0	+8.4	10	8	4	-7	82	0	15	7
20	2	15	01	1	6	Sc	27.1	+8.7	9	7	5		88	0	RAIN	
00	0	15	02	0	0	—	27.2	+8.8	9	4	5	-6	71	0	7	6
00	0	35	02	1	4	Ac	27.0		9	7	6		88	0	19	
180	2	8	01	1	2	Ac	27.7		9	4	5		71	0	6	
200	3	12	01	1	2	Sc	27.4	+9.3	6	4	5	-8	87	0	1	
00	0	8	01	1	2	Sc	27.6	+9.4	8	3	5	-7	71	0	1	3
00	0	8	01	1	2	Sc	27.6	+9.4	8	5	3	-7	82	0	1	5
360	3	7	02	0	1	Cu, Sc	27.6	+8.9	8	3	7	-5	71	0	3	3
360	6	35	02	0	0	—	27.4	+8.9	10	3	4	-7	62	0	1	0
360	18	8	02	0	0	—	26.8	+8.4	7	3	3	-7	76	0	0	
300	4	12	02	0	0	—	26.2	+7.5	6	0	3	-7	66	0	0	
															0	
320	1	15	00	0	0	—	24.0	+6.3	8	3	4	-7	71	0	0	
50	3	30	02	0	0	—	23.3	+6.1	9	-1	4		50	0	0	
340	6	50	00	0	0	—	22.8	+5.5	11	7	8	-6	77	0	0	
															dr	1
00	0	35	02	1	1	Cu	28.0	+8.7		3	3	-6		0	0.5	2
00	0	35	00	0	0	—	27.9		6	2	2		76	0	dr	
270	9	50	00	0	0	—	27.4	+8.5	9	-2	7	-2	47	0	0	
360	2	15	00	0	0	—	24.2	+6.0	10	-4	6	-4	38	0	0	
310	5	35	00	0	6	Cu	26.7	+9.2	11	1	5	-8	51	0	14	5
40	5	50	02	0	0	—	22.6	+6.0	10	-9	7	-6	26	0	0	3
250	5	18	01	1	2	Sc, Cu	22.4	+6.3	12	-1	8	-6	41	0	0	
330	9	15	01	1	2	Ci	21.2	+4.6	16	5	13	-5	49	0	0	3

* 9 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.BARRANI 30-11 14		ALEX.A.P. 30-11 14		ALMAZA 30-11 14		MINYA 30-11 14		ASYOUT 30-11 14		LUXOR 30-11 14		ASWAN 30-11 14		FARAFRA 30-11 14		DAKHLA 30-11 14		KHARGA 30-11 14		HURGHADA 30-11 14	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
20	9	50	13	30	20	360	15	360	19	340	6	330	10	10	17	360	12	10	20	330	12
30	11	50	16	30	24	360	14	350	12	330	6	340	10	20	14	10	25	10	24	310	17
30	11	30	12	40	21	360	27	360	20	300	3	360	17	30	16	10	28	20	27	300	17
10	14	60	9	20	21	20	27	360	24	340	12	340	13	20	16	360	23			300	7
								340	17	330	11	240	16							220	6
								320	17	290	15									240	8
								310	20	310	22									270	16

ALEX.A.P. 1-12 2		P.SAID 1-12 4		MINYA 1-12 2 30		ASYOUT 1-12 2		LUXOR 1-12 2		EL ARISH 1-12 2											
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
70	11	50	17	340	28	330	16	270	1	60	15										
60	16	50	21	10	24	360	20	330	9	50	3										
		80	17	20	38	360	21	340	13	30	21										
		60	23	10	24	340	22	300	20	90	20										
								280	8												
								260	10												
								260	17												

ALEX.A.P. 1-12 8		ARISH 1-12 8		HELWAN 1-12 7		BAHARIA 1-12 8		FARAFRA 1-12 8		HURGHADA 1-12 8											
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
30	8	30	12	10	12	10	30	10	14	320	14										
20	13	70	11	30	30	10	34	10	17	330	11										
30	10	20	15	30	27	360	46	10	17	300	3										
		30	20	20	45	360	19	40	23	240	14										
		90	16					20	19	220	19										
								20	19	230	17										
										230	28										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS

1. Wind direction is in whole degrees east of 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 1st DECEMBER, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m
12 Continuous on land or 10 m on sea
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 reaching ground but distant 5 km
16 near the station
17 Thunder heard, no precipitation
18 Squalls — within sight during past hour
19 Funnel cloud (s)
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 decreased
34 Severe duststorm or sandstorm — no change
35 increased
36 Slight or moderate drifting snow — low
37 Heavy
38 Slight or moderate — high
39 Heavy
40 Fog at a distance, not during last hour
41 in patches
42 sky discernible — has become thinner during 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 drizzle and snow slight
69 moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous
72 Intermittent — moderate
73 Continuous
74 Intermittent — heavy
75 Continuous
76 Ice needles
77 Granular snow — with or without fog
78 Isolated star like snow crystals
79 Ice pellets
80 Rain shower (s) slight
81 moderate or heavy
82 violent
83 Shower (s) of rain and snow slight
84 moderate or heavy
85 Snow shower (s) slight
86 moderate or heavy
87 Shower (s) of soft hail with or without rain — slight
88 or rain and snow mixed — moderate
89 Shower (s) of hail with or without rain — slight
90 rain and snow mixed — moderate
91 Slight rain — fog
92 Moderate or heavy rain — during preceding hour
93 Slight snow * — but not at time of observation
94 Moderate or heavy snow * — observation
95 Thunderstorm slight or moderate without hail — 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
As Altocumulus
As Altostratus
Sc Stratocumulus
Ns Nimbostratus
Cb Cumulonimbus
Fc Fractocumulus
Fs Fractostratus
Cu Cumulus
St Stratus

LIBRARY
APR 12 1954
WEATHER BUREAU

GENERAL FORECAST: *from noon today to noon tomorrow:*
Moderate northeasterly winds, with low clouds developing by day and some rain on the coast. Unusual cold spell still prevailing throughout the Republic.

من ظهر اليوم إلى ظهر الغد:
لا زالت الموجة الباردة غير العادية سائدة على أنحاء الجمهورية المصرية. والرياح شمالية شرقية معتدلة. وتظهر السحب المنخفضة أثناء النهار مع سقوط بعض الأمطار على الساحل.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 04 33 / 14 55

1200 MONDAY 30th NOVEMBER 1953

320	4	35	02	1	4	Cu	28.9	17	4	42
10	8	18	03	8	4	Cb Ac	28.0	16	9	64
360	14	18	03	5	7	Cu	27.3	16	8	59
40	15	35	03	2	7	Sc	26.1	16	8	59
40	11	35	03	5	6	Cu, Sc	26.0	16	8	59
50	11	18	03	8	7	Cu, Sc	26.0	16	9	64
40	9	15	01	1	3	Sc	26.0	15	4	48
60	20	30	02	1	1	Cu	25.9	15	4	48
70	6	30	02	0	0	—	24.8	14	-3	32
40	5	15	02	1	2	Cu	25.6	16	8	59
40	5	35	03	6	4	Cu	25.4	17	7	52
40	3	35	03	2	7	Cu	25.4	14	10	77
40	1	35	03	1	4	Cu	25.6	16	9	64
20	3	35	01	1	3	Ac	25.1	16	-1	32
40	12	14	01	2	4	Cu	25.3	15	2	42
40	12	12	01	2	5	Cu, Sc	24.6	16	4	45
40	3	18	03	1	6	Sc, Cu	25.0	15	4	48
40	3	18	03	1	6	Sc, Cu	24.6	16	5	49
360	20	15	03	1	4	Cu	25.2	15	1	39
10	18	10	02	0	0	—	23.7	17	3	37
340	10	18	02	0	0	—	22.8	17	-2	28
00	0	15	00	0	0	—	21.0	20	6	41
270	1	50	00	0	0	—	20.8	20	3	33
270	2	30	02	0	0	—	20.4	19	4	37
90	6	50	00	0	0	—	19.6	19	9	52
40	2	35	02	1	1	Cu	25.1	17	7	52
10	12	35	03	1	3	Cu	25.4	16	3	42
340	9	50	00	0	0	—	24.7	16	3	42
350	9		00	0	0	—	21.9	18	-1	28
360	8	50	01	0	0	—	23.9	15	3	45
270	9	50	02	0	0	—	20.7	19	-3	23
320	12	18	01	1	0	—	20.1	17	5	46
360	9	15	02	1	2	Ci	19.9	19	9	52

1800 MONDAY 30th NOVEMBER 1953

340	7	15	01	0	2	Cu	28.8	14	5	18	-5	55	0	
30	7	13	02	0	1	Cu	28.5	15	5	17		52	1	
360	11	11	02	0	1	Sc, Cu	28.1	15	8	16		63	dr	
40	8	7	02	1	5	Cb	27.1	15	9	17		68	0	
20	2	35	01	8	4	Cu, Sc	26.6	13	9	20	-3	77	dr	319
40	5	12	80	8	6	Cb	26.8	12	10	18	-4	88	0.3	
40	5		02	1	2	Cu	26.4	14	5	16	-6	55	0	
90	2	12	02	0	0	—	24.7	9	2	15		62	0	
40	2	7	00	1	0	—	26.7	12	5	18	-6	63	1	
00	0	35	02	0	0	—	25.9	9	7	17	-7	88	0	
70	7	12	02	1	0	—	26.4	10	2	16		58	0	
30	7	12	02	1	0	—	25.7	11	2	16	-7	54	0	
30	3	8	00	2	0	—	26.0	10	2	16	-8	58	0	374
30	3	8	00	2	0	—	25.8	11	3	17	-6	58	0	375
20	6	7	01	1	0	—	26.3	11	1	15	-8	51	0	
360	4	35	01	0	0	—	25.2	12	5	18	-6	63	0	
360	6	8	02	1	0	—	25.3	10	4	17	-8	67	0	
310	5	10	01	0	0	—	24.7	10	1	18	-7	54	0	
00	0	7	00	0	0	—	23.1	11	4	20	-6	63	0	
00	0	12	02	0	0	—	21.5	11	-3	20		38	0	
350	2	10	02	0	0	—	28.1	13	7	19	-5	67	dr	
360	1	15	02	1	0	—	26.6	11	9	17	-7	88	0	
00	0	15	01	1	1	Cu	26.6	11	4	17		63	0	
360	6	15	02	0	0	—	25.1	10	4	15	-9	67	0	
40	5	35	02	0	0	—	22.6	14	-1	19	-6	36	0	
260	5	12	02	0	0	—	21.4	13	4	17	-7	55	0	

0600 TUESDAY 1st DECEMBER 1953

Wind			Present weather ww	Past weather W	Cloud amount	Forms	M.S.L. pressure mb	Diff. from normal mb	Dry bulb	Dew point	Minimum today	Diff. from normal	Relative humidity %	Rainfall past 24 hrs	Total from Oct 1st	Normal
320	5	15	02	1	2	Cu	28.7	+11.3	13	7	10	-2	67	0	170	
20	9	15	02	0	2	Cu, Ac	28.3		15	4	14		48	1	68	
10	13	18	01	1	3	Cu, Sc	27.9	+9.9	15	6	13		55	dr	48	
360	9	15	02	1	5	Cb	27.2		15	9	8		68	0	65	
130	6	35	03	1	7	Cu, Ac	26.7	+8.3	16	8	11	-3	59	dr	37	40
290	3	12	02	2	6	Cu, Sc	26.3	+8.7	11	9	6	-7	88	0.4	35	35
20	5	7	03	1	4	Cu	25.6	+8.2	15	6	12	-1	55	0	50	21
40	20	14	02	0	2	Cu	25.9	+8.5	16	5	13	-3	49	0	37	
90	2	38	02	0	0	—	24.4	+6.2	8	-4	4		43	0	34	
310	5	7	02	1	1	Cu	26.2	+7.7	16	6	8	-4	76	0	8	16
40	2	15	01	1	3	Cu	25.8	+7.8	12	5	8	-4	63	1	10	9
360	3	35	01	1	3	Cu	25.6	+7.0	13	7	5	-5	67	0	18	8
340	2	15	01	1	2	Cu	25.8	+7.4	10	8	6		88	0	14	
00	0	15	02	1	3	Cu	25.9	+7.4	9	7	5	-6	88	0	7	7
00	0	35	01	0	0	—	25.1		10	3	4		62	0	19	
00	0	12	03	0	3	Ns	26.0		10	4	4		67	0	6	
00	0	12	03	0	4	Sc	25.8	+7.6	8	4	4	-8	76	0	3	
00	0	8	02	1	5	Sc, Cu	26.0	+7.8	8	7	7	-5	94	0	1	4
00	0	8	02	1	5	Sc, Cu	25.8	+7.5	8	5	2	-8	82	0	1	6
360	3	7	05	0	1	Cu	25.9	+7.1	8	3	6	-6	71	0	3	4
360	4	35	02	1	3	Cu, Sc	26.2	+7.6	9	4	4	-6	71	0	1	0
350	6	8	02	0	0	—	25.8	+7.4	7	4	2	-8	81	0	dr	
300	3	14	02	0	0	—	25.6	+6.9	6	0	2	-8	66	0	0	
00	0	7	00	0	0	—	23.3	+5.9	8	3	3	-6	71	0	0	
270	1	15	00	0	0	—	22.0	+4.2	11	1	4	-7	51	0	0	
260	2	30	02	0	0	—	21.9	+4.6	9	2	3		62	0	0	
20	6	50	01	1	2	Ci	21.8	+4.4	11	7	6	-8	77	0	0	
280	3	14	03	0	5	Sc, Ac	28.9	+9.4	13	4	6	-1	55	dr	dr	1
00	0	35	02	1	2	Cu	27.2	+7.9	9	4	4	-5	71	0	0.5	2
290	1	35	03	2	6	Sc	27.5		9	2	5		62	0	0	
340	11	50	00	0	0	—	26.4	+7.5	8	3	5	-4	71	0	0	
40	1	15	00	0	0	—	24.0	+5.0	10	0	6	-4	50	0	0	
310	4	35	00	0	0	—	24.4	+6.9	10	0	4	-9	50	0	14	6
40	5	50	02	0	0	—	21.8	+5.1	8	8	5	-7	97	0	0	4
250	6	18	02	0	1	Cu	21.6	+5.5	12	5	7	-7	31	0	0	
330	9	15	02	0	0	—	21.0	+4.4	14	3	11	-7	48	0	0	3

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

	S.BAKRAN 1st 14		EL ARISH 1st 14		ASWAN 1st 14		DAKHLA 1st 14		KHARGA 1st 14		HURGHADA 1st 14									
	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
	10	10	10	7	340	10	10	21	10	19	340	19								
	10	16	20	7	350	10	20	18	20	23	320	16								
	360	17	70	2	360	12	20	12	20	24	330	13								
	360	12	100	4							240	17								
	340	9	140	9							230	22								
	340	16																		

	MATRUH 2nd 5		ALEX.A.P 2nd 2		P.SAID 2nd 2		ELARISH 2nd 3		MINYA 2nd 2		ASYOUT 2nd 2						LUXOR 2nd 8		KHARGA 2nd 8		HURGHADA 2nd 8	
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	320	11	20	12	350	14	110	5	340	19	340	18							20	12	320	16
	320	12	20	12	10	11	80	4	350	23	350	22					20	25	20	25	320	25
	340	10	10	14	30	17	50	5	350	27	360	26					20	27	20	27	320	27
	330	11			20	9			350	22	340	28					20	25	20	25	310	9
																					290	17

	S.BARRANI 2nd 8		MATRUH 2nd 8		P.SAID 2nd 8		ELARISH 2nd 8		ALMAZA 2nd 8		HELWAN 2nd 6 45		MINYA 2nd 8		ASYOUT 2nd 8		BAHARIA 2nd 8		FARAFRA 2nd 8		DAKHLA 2nd 8	
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED
	280	26	230	14			220	5	350	12	340	8	330	9	330	11	360	20			360	12
	290	18	280	5	30	11	330	7	360	21	360	17	360	28	350	19	360	15			10	23
	310	17	310	8	40	9	350	10	360	22	360	26	360	29	350	22	330	18			10	31
			10	12	20	4	360	12	10	18	350	20	350	31	20	12	340	24	30	16	20	32
			350	14	350	5			350	22	10	21	350	31			340	26	10	20		
			80	7							360	16					350	24	10	17		
																	350	19	20	17		

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

1. Wind direction is in whole degrees east of 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 2nd DECEMBER, 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
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 الغد

Cold weather continues with moderate northwesterly winds يستمر الطقس باردا مع رياح شمالية غربية

and low clouds developing occasionally over coastal area with معتدلة - وتظهر أحيانا السحب المنخفضة بالمناطق الساحلية أحيانا قرب

light showers. No material change in weather over Upper الساحل حيث تسقط زخات خفيفة من المطر

Egypt. أما أنحاء الصعيد فلا تغير يذكر فى حالة الطقس

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

SYNOPTIC SURFACE OBSERVATIONS

04 34
14 55

TUESDAY 1st DECEMBER 1953

360	4	35	02	1	3	Cu, Ci	27·9	18	3	37	320	7	15	03	2	6	Sc	28·9	14	8	18	-5	67	0	—
360	7	18	03	1	2	Cu	27·3	17	8	56	360	2	13	02	0	2	Cu	28·0	15	7	17		59	0	
340	13	18	02	5	6	Cu	27·1	16	10	68	10	9	11	01	1	2	Sc	28·2	14	7	17	-4	63	dr	
360	5	35	02	2	5	Cu	26·5	17	7	52	340	6	7	02	1	4	Cu	27·4	14	5	17		55	0	
40	16	35	01	1	3	Cu	25,4	16	7	56	330	10	35	01	0	2	Cu	27.1	15	7	20	-3	59	0	319
360	13	18	01	2	5	Cu	24·?	18	8	52	30	7	12	01	8	2	Sc	27·5	13	7	18	-4	67	dr	
20	9	15	01	1	3	Cu	24·0	17	7	52															
											40	16	14	01	1	3	Cu, Sc	25·9	16	8	17	-5	59	0	
40	3	30	02	0	0	—	22·5	15	0	36															
40	5	15	02	2	7	Cu	25·0	15	0	68															
40	5	35	02	1	3	Cu	24·2	19	8	52	20	2	7	00	5	0	—	25·6	13	9	19	-5	77	dr	
40	8	35	03	2	5	Cu	24·5	17	7	52	00	0	35	01	1	2	Cu	25·8	9	7	19	-5	88	0	
340	9	35	01	1	3	Cu	24·1	18	6	46	340	2	15	00	0	0	—	25·2	9	7	19		88	0	
40	2	35	02	1	3	Cu	23·4	18	6	46	00	0	15	02	1	0	—	25·2	12	8	20	-4	77	0	
20	5	35	03	1	5	Cu	23·3	17	13	77	00	0	35	01	0	0	—	25·2	12	5	19		63	0	
20	18	14	03	2	5	Cu	23·9	16	5	49	40	5	12	01	1	1	Sc	25·8	12	7	18		72	0	
40	13	30	01	2	4	Cu, Sc	23·1	17	6	49	340	4	12	01	2	1	Sc	25·2	12	8	17	-6	77	0	
40	3	18	02	1	5	Cu	23·5	17	4	42	350	3	10	00	1	0	—	25·6	13	11	19	-5	88	0	374
40	3	18	02	1	5	Cu	23·1	17	5	46	350	3	10	00	1	0	—	25·1	12	7	18	-5	72	0	375
360	21	15	03	1	5	Cu	23·5	17	1	34	20	8	7	01	1	1	Sc, Cu	26·0	12	3	17	-5	55	0	
360	8	35	02	1	3	Cu, Sc	23·4	18	3	37	360	4	35	02	1	3	Cu, Sc	25·0	13	7	18	-6	67	0	
10	16	8	03	0	1	Cu	23·2	18	4	40															
360	11	30	02	0	0	—	21·7	18	-5	20															
270	1	15	01	0	4	Ac	20·3	18	3	37															
270	1	50	03	1	3	Ci	20·4	18	3	37	270	1	7	00	0	0	—	23·4	11	-2	20	-7	41	0	
340	4	30	01	1	3	Ac	20·3	18	-1	28	00	0	12	00	1	0	—	22·8	11	4	20		63	0	
270	2	50	01	1	2	Ci	20·2	19	7	46	360	3	50	01	1	3	Ci	21·9	17	4	20	-8	42	0	
360	4	18	02	1	4	Cu	27·2	19	2	32	10	3	10	02	0	2	Sc, Cu	28·1	14	3	19	-4	49	0	
320	3	35	02	1	4	Ac	25·4	17	7	52	40	0	15	02	1	2	Ac	26·8	12	8	18	-6	77	0	
360	16	35	02	2	5	Sc	25·6	18	-1	28	00	0	15	00	2	0	—	27·1	12	5	18		63	0	
360	9	50	00	0	0	—	24·1	16	3	42	320	4	15	00	0	0	—	26·2	12	0	17	-8	44	0	
360	8	15	03	1	3	Ac	21·8	17	-3	26	360	2	15	00	0	0	—	23·4	12	0	17	-9	44	0	
360	11	50	03	0	1	Cu	21·5	16	3	42															
310	5	35	02	0	0	—	20·3	18	6	46	310	13	15	02	0	0	—	21·9	11	4	20	-4	63	0	
320	5	18	02	0	3	Ac	19·5	18	5	43	260	5	10	02	0	1	Ac	21·4	15	4	19	-6	448	0	
20	5	15	03	1	4	Ac	19·2	20	8	46	330	9	15	01	1	0	—	20·6	13	1	20	-6	44	0	

* 9 = Sky obscured by fog etc.

TUESDAY 1st DECEMBER 1953

320	13	15	03	2	0	Sc	27·5	+10·1	12	3	9	-3	55	0	170								
230	6	15	03	2	7	Cu, Ac	27·2		11	7	10		77	0	68								
240	11	14	02	1	5	Cu, Sc	27·3	+9·3	12	9	9		82	dr	48								
270	9	15	03	2	6	Sc, Cu	26·4		11	9	10		88	0	65								
360	13	35	02	0	2	Cu	25·9	+7·5	16	5	15	+1	49	0	37	42							
350	14	18	02	1	4	Cu	25·8	+8·2	16	8	8	-5	59	dr	35	36							
140	5		20	6	6	Cu, Sc			13	9	11	-2	77	15	65	22							
270	4	10	02	8	7	Cu, Sc			13	10	12	-4	82	1	38								
00	0	18	03	1	4	Ac	[illegible]	+5·9	7	1	4		59	0	34								
40	9	15	02	1	3	Cu	25·4	+6·9	12	8	8	-4	77	0	8	16							
360	2	15	03	6	4	Sc, Cu	25·5	+7·5	12	8	10	-2	77	2	12	10							
00	0	35	01	1	2	Cu	25·4	+6·8	10	8	6	-4	88	0	18	8							
340	2	15	00	0	1	Cu	25·2	+6·7	9	7	7		88	0	14								
00	0	15	03	1	6	Cu	25·6	+7·1	11	9	9	-2	88	0	7	7							
340	3	35	03	6	6	Ac	24·6		12	8	9		77	1	20								
300	3	12	03	2	7	Sc	26·2		10	9	8		94	dr	6								
190	1	14	03	1	5	Cu, Sc	25·9	+7·7	10	8	8	-4	88	dr	3								
320	2	10	01	2	3	Sc	26·4	+8·1	11	10	11	-1	94	0	1	4							
340	2	10	01	2	3	Sc	26·0	+7·7	11	7	6	-4	77	0	1	6							
00	0	3	1c	1	4	Ac	26·6	+7·7	9	7	8	-4	88	0	3	4							
00	0	15	10	0	0	—	26·7	+8·0	10	8	6	-4	88	0	1	0							
360	4	8	02	0	0	—	26·6	+8·1	8	3	4	-6	71	0	dr								
310	6	10	02	0	0	—	26·3	+7·5	8	5	5	-5	82	0	0								
00	0	7	00	0	0	—	25·4	+8·0	10	6	6	-3	76	0	0								
270	1	35	00	0	0	—	24·8	+6·9	12	3	3	-8	55	0	0								
340	4	30	02	0	0	—	24·5	+7·1	12	2	3		51	0	0								
340	4	50	00	0	0	—	23·4	+6·8	11	7	6	-8	77	0	0								
270	3	18	03	0	1	Ac	29·2	+9·7	8	5	6	-1	82	0	dr	1							
40	1	35	02	1	3	Ac	27·5	+8·1	11	7	6	-3	77	0	0·5	2							
00	0	35	00	0	0	—	28·6		9	4	6		77	0	0								
360	9	50	00	0	0	—	27·1	+8·1	8	3	5	-4	71	0	0								
00	0	15	00	0	0	—	25·2	+6·9	10	3	6	-4	82	0	0								
360	5	35	00	0	2	Cu	24·4	+6·8	10	6	6	-7	76	0	14	6							
40	2	35	02	0	0	—	22·0	+5·3	11	2	6	-6	54	0	0	4							
250	5	18	02	0	1	Cu	21·9	+5·7	12	5	8	-6	63	0	0								
330	5	15	12	1	0	—	22·2	+5·5	13	4	10	-8	55	0	0	3							

WEDNESDAY 2nd DECEMBER 1953

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.BARRANI		ASYOUT		ASWAN		DAKHLA		HURGHADA		KHARGA											
DATE	2nd		2nd		2nd		2nd		2nd		2nd											
TIME	14		14		14		14		14		14											
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m	290	16	330	16	350	12	10	19	330	30	10	20										
1000 m	300	16	340	13	360	17	360	22	320	23	20	23										
1500 m			350	19	10	19	360	22	320	17	20	24										
2000 m			360	17	20	22	350	22	320	22												
2500 m																						
3000 m																						
4000 m																						
5000 m																						
6000 m																						

STATION	P.SAID		EL ARISH		MINYA		ASYOUT		LUXOR													
DATE	3rd		3rd		3rd		3rd		3rd													
TIME	3		3		2		2		30													
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	340	10	10	11	350	4	340	11	330	8												
1000 m	350	11	340	11	360	5	10	20	30	4												
1500 m	340	10	360	11	340	6	360	22	30	3												
2000 m	360	9	300	15	20	6	360	30	80	4												
2500 m									110	3												
3000 m									80	4												
4000 m																						
5000 m																						
6000 m																						

STATION	MATRUH		ALEX.A.P.		EL ARISH		HELWAN		MIN A		ASYOUT		BAHARIA		DAKHLA		KHARGA		HURGHADA			
DATE	3rd		3rd		3rd		3rd		3rd		3rd		3rd		3rd		3rd		3rd			
TIME	8		8		8		7		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
500 m	20	6	30	3	310	9	350	4	360	18	320	8	10	8	360	12	20	11	330	25		
1000 m	10	7	10	4	330	13	360	12	10	18	360	20	10	9	360	18	20	20	330	16		
1500 m	10	8	360	3	350	12	30	14	20	13	10	17	10	10	360	21	20	27	10	5		
2000 m			30	7	360	15	20	13	40	16	360	12	60	10	20	17			40	10		
2500 m							40	12	20	16			30	10	20	27			360	10		
3000 m									30	10			40	16					330	18		
4000 m													30	14					320	20		
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	CAIRO A.P.																					
DATE	2nd																					
TIME	1500																					
SURFACE	ALT. m	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR.	WIND SPEED
100 m	70	15		340	11																	
200 m	205	14		340	11																	
500 m																						
1000 m	1552	3		330	9																	
1500 m																						
2000 m	3100	-4		330	20																	
2500 m																						
3000 m	5673	-22		300	20																	
4000 m	7294	-29		250	13																	
5000 m	9310	-39		250	28																	
6000 m	12000	-52																				

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE THURSDAY 3rd DECEMBER, 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 :

The cold spell continues with slight improvement. Low clouds develop over Lower Egypt with scattered showers on coastal area. Moderate to fresh northwesterly winds during day. No material change over Upper Egypt

التغيرات المنتظرة فى حالة الطقس – من ظهر اليوم الى ظهر الغد

لا تزال تربه البرد سائدة مع تحسن طفيف

وتظهر السحب المنخفضة فوق الوجه البحرى وظهر وقت بعض

والرياح شمالية غربية معتدلة الى النشطة نهارا

أما فى الوجه القبلى فلا تغير مستحق الذكر

Printed by the Survey of Egypt 1953 (1500 Copies)

SYNOPTIC SURFACE OBSERVATIONS

04 35
14 55

WEDNESDAY 2nd DECEMBER 1953

WIND DIRECTION	WIND SPEED	CLOUD AMOUNT	CLOUD TYPE	CLOUD HEIGHT	PRESENT WEATHER	PAST WEATHER	AMOUNT OF PRECIPITATION	SUNSHINE DURATION	BAR. PRESSURE M.S.L.	BAR. PRESSURE Diff. from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MINIMUM Today	TEMPERATURES MINIMUM Diff. from normal	RELATIVE HUMIDITY %	GRASS MIN. Temp.	GRASS MIN. Diff. from normal	
270	14	18	05	2	5	Cu	25.8	18	12	68	340	7	7	02	2	6	Cu, Sc	25.6	15	9	17	-5	68	4	
270	11	18	03	5	6	Cu	25.5	14	12	88	40	8	14	02	1	2	Cu	25.8	16	11	18		72	0	
											240	8	11	02	0	0	—	26.1	13	13	17		77	2.1	
											250	4	7	01	1	2	Cu	26.0	12	10	24		88	0	
20	11	50	03	0	3	Cu		18	6	46	310	8	35	01	0	0	—	25.0	15	7	19	-3	59	0	
330	11	18	02	1	4	Cu		19	4	37	350	11	12	02	1	2	Sc	25.1	14	8	19	-3	67	0	
340	5		20	6	6	Cu, Sc		16	10	68	220	5		01	1	3	Cu	25.0	12	12	17	-3	97	3	
10	9	30	03	2	7	Cu, Sc	24.6	15	11	77	340	3	14	25	8	5	Cu, Sc	25.1	15	12	16	-1	82	1	
330	4	30	01	5	0	—	21.9	18	3	37															
40	9	15	02	2	8	Sc	24.8	15	11	77	360	9	7	02	5	8	Sc	25.1	13	11	16	-7	88	dr	
40	5	35	02	1	3	Cu	23.9	19	7	46	360	2	7	00	1	0	—	25.0	13	12	20	-4	94	0	
310	8	35	01	1	4	Cu	24.6	17	9	60	0[illegible]	0	35	02	2	[illegible]	—	25.0	12	[illegible]	19	-4	88	[illegible]	
340	9	35	01	1	3	Cu	23.9	18	6	46	320	2	15	00	0	0	—	24.6	10	7	19		82	0	
320	1	35	01	1	3	Cu	23.6	20	8	46	00	0	15	02	0	0	—	25.1	12	8	22	-2	77	0	
340	3	35	03	1	6	Ac	23.[illegible]	18	6	46	290	1	35	03	2	7	Ac	24.8	14	10	20		77	0	
340	13	18	01	1	3	Sc	24.[illegible]	18	4	40	40	3	12	02	0	0	—	25.9	12	9	19		82	0	
320	14	30	02	1	4	Cu	23.6	18	7	49	10	5	14	02	0	0	—	25.4	12	10	18	-5	88	0	
320	14	18	03	1	5	Cu	24.0	18	5	43	00	[illegible]	10	00	1	0	—	26.0	13	9	20	-3	77	0	
320	4	18	03	1	5	Cu	23.5	19	4	37	00	0	10	00	1	0	—	25.2	12	9	19	-4	82	0	
320	11	15	03	1	4	Cu	24.0	17	4	42	340	12	15	01	1	0	—	25.6	13	7	17	-5	67	0	
360	6	35	03	1	6	Sc	24.3	19	4	37	00	0	35	02	1	6	Sc	25.7	15	7	20	-4	59	0	
350	13	8	03	1	1	Cu	24.0	20	5	38	10	4	8	02	1	0	—	25.6	10	5	20	-4	71	0	
340	13	18	01	2	3	Sc	23.4	18	3	37	00	0	8	02	0	0	—	25.4	10	3	19	-5	62	0	
340	5	15	00	0	0	—	21.5	19	7	46	00	0	7	00	0	0	—	23.0	11	8	20	-6	82	0	
320	1	50	00	0	0	—	20.8	21	1	27	270	1	7	00	0	0	—	22.7	12	3	22	-5	55	0	
360	9	30	02	0	0	—	21.1	16	-4	26															
340	6	50	00	0	0	—	21.4	18	4	40	360	6	50	00	0	0	—	22.6	16	5	19	-8	49	0	
310	6	6	01	0	0	—	29.5	18	4	40															
320	3	35	02	1	3	Ac	25.1	18	8	52	320	1	15	02	1	1	Cu	26.7	14	8	18	-5	67	0	
10	10	35	01	1	1	Cu	26.4	18	-1	28															
20	11	35	00	0	0	—	25.0	18	3	37	340	4	15	00	0	0	—	24.7	13	1	18	-7	44	0	
360	8	7	00	1	0	—	23.1	19	4	37	360	4	15	00	0	0	—	23.9	14	3	20	-6	48	0	
360	8	50	02	0	2	Cu	22.3	18	3	37	360	3	15	01	0	0	—	24.6	13	7	19	-5	67	0	
310	19	35	02	0	0	—	20.4	19	10	60	310	24	35	02	0	0	—	21.8	12	10	21	-3	88	0	
320	16	18	01	0	1	Cu	19.[illegible]	18	9	56	260	3	10	02	0	0	—	21.0	14	2	19	-6	45	0	
40	9	15	02	0	0	—	20.0	19	4	37	330	9	15	02	0	0	—	21.1	18	4	20	-6	40	0	

THURSDAY 3rd DECEMBER 1953

WIND DIRECTION	WIND SPEED	CLOUD AMOUNT	CLOUD TYPE	CLOUD HEIGHT	PRESENT WEATHER	PAST WEATHER	AMOUNT OF PRECIPITATION	SUNSHINE DURATION	BAR. PRESSURE M.S.L.	BAR. PRESSURE Diff. from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES MINIMUM Today	TEMPERATURES MINIMUM Diff. from normal	RELATIVE HUMIDITY %	GRASS MIN. Temp.	GRASS MIN. Diff. from normal	
320	5	15	03	2	4	Cu			29.2	+11.8	14	3	10	-2	67	4	174	
220	3	12	21	6	8	Cu			27.2		12	11	12		94	1	69	
250	3	18	01	1	4	Cu, Sc			26.9	+8.9	12	9	10		82	0.2	48	
340	3	15	01	1	2	Cu			26.9		13	7	9		67	0	65	
130	3	1.5	03	4	4	Cu			25.6	+7.1	15	9	13	-1	68	0	37	44
220	3	18	02	1	4	Sc			25.5	+7.8	12	10	8	-5	88	0	35	37
340	2	15	01	1	1	Cu			26.3	+8.8	14	10	9	-4	77	3	68	23
360	9	18	02	0	1	Cu			26.2	+8.6	15	10	12	-4	72	1	39	
180	2	30	01	3	3	Cu			24.7	+6.4	13	9	10		77	dr	34	
270	5	7	02	0	0	—			25.9	+7.3	9	7	7	-4	88	dr	8	17
26	2	15	00	0	0	—			26.7	+8.6	11	7	9	-3	77	0	12	10
0[illegible]	[illegible]	35	02	[illegible]	0	—			25.3	+7.6	[illegible]	[illegible]	[illegible]	-4	97	0	18	8
320	2	15	00	0	0	—			26.0	+7.5	10	8	7		83	0	14	
00	0	15	02	0	0	—			26.4	+7.8	10	6	7	-3	76	0	7	7
00	0	35	03	1	3	Ac, As			26.0		11	7	8		77	0	20	
250	3	9	05	0	1	Cu			27.0		11	7	8		77	0	6	
200	3	12	02	1	0	—			26.8	+8.5	10	8	8	-4	88	0	3	
00	0	8	00	1	0	—			27.0	+8.7	10	9	8	-4	94	0	1	4
0[illegible]	[illegible]	8	00	1	0	—			26.8	+8.5	8	6	4	-6	88	0	1	6
00	0	3	10	4	0	—			27.4	+8.5	10	8	7	-5	88	0	3	4
00	0	15	02	0	0	—			27.2	+8.5	9	7	5	-5	88	0	1	0
320	5	8	02	0	0	—			26.9	+8.3	8	4	4	-5	76	0	dr	
270	3	12	02	0	0	—			26.6	+7.1	9	4	6	-4	71	0	0	
00	0	7	00	0	0	—			24.0	+6.5	11	7	7	-2	77	0	0	
270	1	35	00	0	0	—			24.2	+6.3	15	4	7	-4	48	0	0	
160	3	30	02	0	0	—			23.8	+6.3	12	4	8		59	0	0	
20	6	50	00	0	0	—			22.8	+5.2	12	10	9	-5	88	0	0	
280	3	18	03	0	7	Cu			27.7	+8.1	10	9	7	0	94	0	dr	1
00	0	35	02	0	1	Cu			28.0	+8.5	10	6	4	-4	76	0	0.5	2
340	9	50	01	0	1	Cu			26.6	+7.5	9	2	5	-4	62	6	0	
360	1	15	00	0	0	—			25.4	+7.0	11	4	7	-3	63	0	0	
360	5	35	00	0	3	Cu			26.2	+8.6	11	9	8	-3	88	0	14	6
40	5	35	02	0	0	—			23.8	+7.0	11	9	7	-5	88	0	0	4
260	3	18	02	0	1	Cu			22.9	+6.2	14	7	9	-5	63	0	0	
360	9	15	02	0	0	—			21.6	+4.9	17	4	12	-6	42	0	0	3

319

374
375

0 = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 3-12 14		Matruh 3-12 14		P.Said 3-12 14		Asyout 3-12 14		Luxor 3-12 14		Aswan 3-12 14		Siwa 3-12 14		Dannla 3-12 14				El-Arish 3-12 14			
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
20	10	30	7	340	8	10	8	10	4	350	11	20	10	360	21			360	12		
20	10	10	6	340	7	360	13	360	6	350	10	30	10	360	25			350	13		
10	9	10	10	350	9	360	13	360	9	350	10	40	12	360	26			320	16		
30	12	20	12	360	10	30	16	340	16	20	13	30	12	350	26						
40	16			20	5			340	23	10	13										
40	17			60	6	20	11														
40	11																				

Matruh 4-12 05		P.Said 4-12 02		Minya 4-12 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED
10	9	320	8	350	8
10	10	280	10	340	6
10	10	290	10	10	9
10	12			20	6
20	11				

S.Barrani 4-12 08		Asyout 4-12 08		Baharya 4-12 08		Dannla 4-12 08		Kharga 4-12 08		Hurghada 4-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
330	4	350	6	40	16	20	9	10	16	330	18
10	5	70	15	40	22	50	14	10	20	320	13
20	6	30	12	30	33	30	20	10	23	310	10
40	7	50	10			40	20	20	22		
40	7	40	13			40	20				
60	7	20	6			50	13				
360	10	360	11								

UPPER AIR OBSERVATIONS

Cairo A.P. 3-12 15			
DIR	SPEED	DIR	SPEED
70	17	10	11
214	15	10	11
1559	3	360	9
3121	1	10	14
5739	-17	20	15
7373	-30	330	17
9363	-43	270	30
12020	-51		

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Friday 4th December 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 " " " 2 m or more	
13	Lightning seen, thunder 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 and 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 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	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	" or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or 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

GENERAL FORECAST: From noon today to noon tomorrow. توقعات للطقس وحالة الطقس من اليوم الى غد

Moderate northerly winds, freshening at times on the Coast, تستمر سرعة الرياح في المتوسط على ما هي عليه مع ميل للهبوب

with some low clouds during daytime. Temperature continues نشاط في بعض السحب المنخفضة أثناء النهار. ودرجة الحرارة

its gradual rise, but still below normal. No appreciable change تستمر في ارتفاعها التدريجي ولكنها لا تزال دون المعدل. لا تغيير يذكر في حالة الطقس

in Upper Egypt.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 14 35 / 14 55

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

At 1200 on THURSDAY 3rd DECEMBER 1953 — At 1800 on THURSDAY 3rd DECEMBER 1953 — At 0600 on FRIDAY 4th DECEMBER 1953

Index Number	Station	1200 Wind Dir.	1200 Wind Vel.	1200 Vis.	1200 ww	1200 W	1200 Cloud Amount	1200 Cloud Forms	1200 Bar.	1200 Dry	1200 Dew	1200 R.H.	1800 Wind Dir.	1800 Wind Vel.	1800 Vis.	1800 Present Weather ww	1800 Past Weather W	1800 Cloud Amount	1800 Cloud Forms	1800 Bar. Pressure mb.	1800 Dry Bulb	1800 Dew Point	1800 Maximum Today	1800 Max. Diff. from normal	1800 Relative Humidity %	1800 Rain past 12 hrs mm.	0600 Wind Direction	0600 Wind Velocity	0600 Visibility	0600 Present Weather ww	0600 Past Weather W	0600 Cloud Amount	0600 Cloud Forms	0600 M.S.L. mb.	0600 Diff. from normal mb.	0600 Dry Bulb	0600 Dew Point	0600 Minimum Today	0600 Min. Diff. from normal	0600 Relative Humidity %	0600 Rainfall Past 24 hrs	0600 Rainfall (next column)	0600 (column cut off)
62300	SALLUM												320	7	15	01	0	2	Cu	26.8	16	8	19	-3	59	0	320	5	15	00	0	0	—	27.1	+9.7	14	8	11	-1	67	0	174	
[illegible]	SIDI BARRANI	330	4	18	02	6	3	Sc	26.3	18	13	73	30	7	14	02	0	1	Sc	26.8	16	11	19		72	1	220	6	15	02	0	5	Cu, Ac	27.5		12	9	12		82	1	70	
[illegible]	MERSA MATRUH (A)	10	8	[illegible]	01	1	2	Cu	26.0	18	11	64	00	0	12	02	0	1	Sc, Cu	26.5	14	12	18		88	0	240	6	18	02	1	4	Cu	27.6	+9.5	11	10	10		94	0	43	
[illegible]	EL DABAA												340	1	7	00	0	0	—	26.7	12	8	18		77	0	250	5	15	0[illegible]	1	3	Cu	27.[illegible]		11	9	8		88	0	65	
319	ALEXANDRIA	20	1	[illegible]	01	1	3	[illegible]	[illegible]	18	8	52	40	3	35	01	0	0	—	26.8	15	9	20	-2	68	0	180	2	35	03	0	4	Sc	27.4	+8.9	14	8	11	-3	67	0	37	46
[illegible]	ALEXANDRIA [illegible]	320	8	13	02	1	3	Cu	25.4	19	9	52	20	3	10	05	0	0	—	26.4	11	10	18	-4	94	0	230	7	12	02	1	4	Sc	27.2	+9.5	12	9	6	-7	82	0	35	38
[illegible]	DAMIETTA	340	5	35	03	1	2	Cu	25.2	17	9	60	220	5		02	1	2	Cu	26.3	13	9	18	-4	77	0	220	2	15	00	0	0	—	27.2	+9.6	13	9	9	-4	77	0	68	24
[illegible]	PORT SAID	350	5	30	02	0	1	Cu	25.3	17	12	72	300	5	15	02	0	1	Cu	26.0	15	12	18	-4	82	0	320	7	19	02	0	1	Cu	27.2	+9.6	14	12	13	-3	88	0	39	
[illegible]	EL ARISH	350	5	30	01	1	3	Cu	23.9	18	6	46	00	0	12	01	1	0	—	24.6	14	9	19		72	0																34	
[illegible]	DAMANHUR	310	9	15	02	1	2	Cu	25.7	19	7	46	310	9	15	02	0	0	—	26.4	13	9	19	-4	77	0	310	9	7	02	1	1	Cu	27.2	+8.6	11	9	10	-1	88	0	8	[illegible]
[illegible]	MANSURA	40	5	35	01	1	2	Cu	25.0	19	9	52	40	2	7	00	1	0	—	25.8	13	9	20	-3	77	0	360	2	15	00	0	0	—	27.5	+9.4	13	7	9	-2	67	0	12	[illegible]
[illegible]	TANTA	270	2	35	01	1	4	Cu	25.5	18	8	52	00	0	35	02	0	0	—	25.6	11	7	20	-3	77	0	00	0	35	02	0	0	—	27.4	+8.6	9	9	6	-4	97	0	18	[illegible]
[illegible]	SHEBIN EL KOM	320	5	35	01	1	3	Cu	25.4	19	8	[illegible]	340	2	15	00	1	0	—	25.2	11	7	21		77	0																14	
[illegible]	ZAGAZIG	00	0	35	01	1	2	Cu	24.6	18	8	52	00	0	15	02	1	0	—	25.6	12	8	21	-2	77	0	00	0	15	02	0	0	—	27.0	+8.4	11	9	7	-3	88	0	7	7
[illegible]	ISMAILIA	20	2	35	03	1	4	Cu	24.6	19	7	46	00	0	35	01	0	0	—	25.8	13	7	20		67	0	90	1	35	03	1	4	Cu	27.0		13	8	10		72	0	20	
[illegible]	[illegible]	20	10	18	03	0	3	Cu	25.3	18	5	43	70	4	12	00	0	0	—	26.2	13	6	19		63	0	00	0	12	03	1	4	Sc	27.8		10	6	7		76	0	6	
[illegible]	CAIRO ALMAZA (A)	20	11	30	03	0	2	Cu	25.0	17	7	52	40	1	14	02	0	0	—	25.9	14	7	19	-4	63	0	120	2	14	03	0	3	Sc	27.6	+9.3	9	5	7	-5	76	0	3	
374	CAIRO [illegible]	20	4	18	03	0	4	Cu	24.9	20	5	38	50	2	10	00	1	0	—	26.3	13	16	20	-3	82	0	00	0	8	03	1	6	Sc	27.6	+9.2	10	8	8	-4	88	0	1	
375	[illegible]	20	4	18	03	0	4	Cu	24.8	17	5	40	50	2	10	00	1	0	—	25.8	11	6	20	-3	[illegible]	0	00	0	8	03	1	6	Sc	28.0	+9.6	8	7	4	-5	94	0	1	
[illegible]	[illegible]	360	8	7	03	1	3	Cu	25.0	18	3	37	340	7	7	01	1	0	—	26.0	14	3	18	-4	48	0	00	0	3	10	1	3	Sc, Cu	28.0	+9.1	11	7	8	-4	77	0	3	
[illegible]	[illegible]	360	4	35	02	1	3	Cu, Sc	25.1	19	4	37	00	0	35	01	0	0	—	25.6	12	5	20	-4	63	0	00	0	35	02	0	0	—	28.0	+9.2	11	7	6	-4	77	0	1	
[illegible]	[illegible]	360	9	10	02	1	1	Cu	24.4	20	7	43	360	5	8	02	1	0	—	25.5	10	6	20	-4	76	0	330	6	8	02	0	0	—	27.4	+8.8	8	5	4	-5	82	0	dr	
[illegible]	[illegible]												30	3	8	02	0	0	—	24.7	12	5	20	-4	63	0	270	3	12	02	0	0	—	26.9	+7.9	9	4	5	-5	71	0	0	
[illegible]	[illegible]												00	0	7	00	0	0	—	24.1	15	9	22	-4	68	0	00	0	7	00	0	0	—	25.0	+7.4	12	8	5	-4	77	0	0	
[illegible]	[illegible]	360	2	35	00	0	0	—	22.0	21	1	27	00	0	7	00	0	0	—	23.3	12	3	23	-4	55	0	270	1	35	00	0	0	—	24.8	+6.8	14	5	6	-5	55	0	0	
[illegible]	[illegible]	350	3	30	02	0	0	—	21.1	20	3	33	00	0	12	03	0	0	—	22.2	11	3	21		58	0	00	0	30	02	0	0	—	24.4	+6.8	12	6	4		67	0	0	
[illegible]	[illegible]	340	6	50	00	0	0	—	20.2	19	9	52	360	3	50	0	0	0	—	21.8	16	8	20	-7	59	0	20	6	50	00	0	0	—	24.2	+6.5	13	9	8	-5	77	0	0	
[illegible]	[illegible]	00	0	18	03	0	4	Sc, Cu	26.3	21	10	50															00	0	18	03	0	1	As	28.1	+8.5	8	5	0	-7	82	0	dr	
[illegible]	[illegible]	00	0	35	03	1	3	Ac	25.4	19	9	52	00	0	15	02	1	0	—	26.2	12	5	20	-3	63	0	00	0	35	02	0	0	—	28.4	+8.9	9	6	3	-5	82	0	0.5	
[illegible]	[illegible]																																									0	
[illegible]	[illegible]	360	9	50	00	0	0	—	25.0	18	3	37	340	4	15	00	0	0	—	25.6	13	4	18	-7	55	0	00	0	50	00	0	0	—	28.0	+8.8	9	2	5	-4	62	0	0	
[illegible]	[illegible]	360	6	15	00	0	0	—	22.7	19	4	37	360	1	15	00	0	0	—	23.1	13	-1	20	-6	38	0	360	1	15	00	0	0	—	25.0	+6.5	11	1	7	-3	51	0	0	
[illegible]	[illegible]	360	6	50	02	0	3	Cu	24.2	18	6	46	360	2	15	01	0	0	—	25.6	12	5	19	-4	63	0	310	3	35	00	0	0	—	27.1	+[illegible].4	10	6	7	-6	76	0	14	
[illegible]	[illegible]	310	13	35	01	1	0	—	21.2	21	7	41	310	24	35	01	1	0	—	23.2	18	6	23	-1	46	0	40	5		01	1	0	—	25.0	+8.1	14	3	5	-7	48	0	0	
[illegible]	[illegible]	320	3	18	02	0	1	Cu	20.9	19	7	46	240	4	10	02	0	1	Cu	22.0	15	8	19	-5	63	0	250	2	18	02	1	2	Sc	24.1	+7.8	14	6	10	-3	59	0	0	
[illegible]	[illegible]	360	13	15	03	1	4	Ac	20.9	22	11	50	360	9	15	01	1	2	Ac	21.0	19	8	22	-4	49	0	360	13	15	03	1	6	Ac	22.5	+5.7	18	10	16	-2	60	0	0	
[illegible]	PORT SUDAN																																										
[illegible]	WADI HALFA																																										
[illegible]	ABU HAMED																																										
[illegible]	KHARTOUM																																										
[illegible]	ATBARA																																										
[illegible]	[illegible]																																										
[illegible]	KASSALA																																										
[illegible]	WAD MEDANI																																										
[illegible]	RENK																																										
[illegible]	ROSEIRES																																										
[illegible]	EL OBEID																																										
[illegible]	EL FASHER																																										
[illegible]	GENEINA																																										
[illegible]	MALAKAL																																										
[illegible]	WAU																																										
[illegible]	JUBA																																										

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Matruh 4-12 14		El Arish 4-12 14		Minya 4-12 14		Asyout 4-12 14		Aswan 4-12 14		Dakhla 4-12 14		Kharga 4-12 14		Hurghada 4-12 14		S.Barrani 4-12 14	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
10	7	330	3	350	19	360	15	360	12	10	14	20	10	340	22	320	7
10	8	10	9	360	23	360	16	10	13	20	13	20	15	320	19	360	3
330	9	10	10	10	15	360	20	20	15	20	17	20	16	300	16	20	4
340	10	10	10	20	23	10	15	10	18	40	19	30	21	360	12	40	5
10	10	40	16			20	6	20	10			360	18	40	12	50	5
						20	5									10	9
						350	15									360	12
						340	14										
						340	19										

P.Said 5-12 02		El Arish 5-12 04		Minya 5-12 02		Asyout 5-12 02		Kharga 5-12 08	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
260	12	190	5	20	22	10	8	30	17
270	13	20	4	20	29	10	11	40	20
270	12	350	6	10	30	360	14	50	14
280	11	20	10	20	12	70	10	70	9
								60	10
								50	11

S.Barrani 5-12 08		Matruh 5-12 08		Alex A.P. 5-12 08 15		P.Said 5-12 08		El Arish 5-12 08		Almaza 5-12 08		Helwan 5-12 06 45		Minya 5-12 08		Asyout 5-12 08		Baharya 5-12 08		Dakhla 5-12 08	
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
320	4	30	9	90	2	290	4	140	6	40	8	60	12	20	10	330	3	360	7	50	4
350	4	20	8	40	4	360	5	110	5	40	12	50	15	40	14	60	7	10	5	40	16
290	4	10	6	10	5	30	7	60	3	70	20	40	20	30	23	60	3	30	15	30	24
30	4			10	12	40	9			40	13	30	17	30	16	50	9	40	20	60	12
360	9			10	17	40	17			360	13	20	12	40	3	70	5	40	26	40	8
20	9					30	11			20	16	20	19	40	9	80	6	40	31		
20	7					10	17			10	14	10	17	40	5	360	6				
10	10									360	13	10	10	20	10	40	11				
										30	12					20	8				
										10	16										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

ALT	TEMP	HUM	WIND DIR.	WIND SPEED	ALT	TEMP	HUM	WIND DIR.	WIND SPEED	ALT	TEMP	HUM	WIND DIR.	WIND SPEED	ALT	TEMP	HUM	WIND DIR.	WIND SPEED

REMARKS :

1. Wind direction is in whole degrees east of 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 5th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand [illegible]
08 [illegible]
09 [illegible]
10 Mist
11 Patches [illegible]
12 Continuous [illegible]
13 Lightning [illegible]
14 [illegible]
15 [illegible]
16 [illegible]
17 [illegible]
18 [illegible]
19 [illegible]
20 [illegible]
21 Rain — not falling as shower(s) — during preceding hour
22 [illegible]
23 [illegible]
24 [illegible]
25 Shower(s) of rain
26 [illegible] of snow or of rain and snow
27 [illegible]
28 Fog
29 Thunderstorm with or without [illegible]
30 Slight or moderate duststorm or sandstorm — decreased / no change / increased / decreased — during preceding hour
31 [illegible]
32 [illegible]
33 [illegible]
34 [illegible]
35 [illegible]
36 Slight or moderate [illegible]
37 Heavy
38 Slight or moderate
39 Heavy
40 Fog at a distance, not during last hour
41 [illegible]
42 [illegible] sky discernible — has become thinner during
43 [illegible] — preceding hour
44 [illegible] discernible — no change during preceding hour
45 [illegible] not
46 [illegible] discernible — has begun or become thicker
47 [illegible] not — during last hour
48 [illegible] depositing rime, sky discernible
49 [illegible] not

50 Drizzle not freezing, intermittent — slight
51 [illegible] continuous
52 [illegible] intermittent — moderate
53 [illegible] continuous
54 [illegible] intermittent — thick
55 [illegible] continuous
56 [illegible] freezing, slight
57 [illegible] moderate or thick
58 [illegible] slight
59 [illegible] moderate or heavy
60 [illegible] slight
61 [illegible] continuous
62 [illegible] moderate
63 [illegible] continuous
64 [illegible] moderate
65 [illegible] continuous
66 [illegible] moderate or heavy
67 [illegible] moderate or heavy
68 [illegible] moderate or heavy
69 [illegible] moderate or heavy
70 [illegible] slight
71 [illegible] intermittent
72 [illegible] continuous
73 [illegible] moderate
74 [illegible] continuous
75 [illegible] heavy
76 [illegible] continuous
77 [illegible]
78 [illegible]
79 [illegible]
80 [illegible]
81 [illegible]
82 [illegible]
83 [illegible]
84 [illegible]
85 [illegible]
86 [illegible]
87 [illegible]
88 [illegible]
89 [illegible]
90 [illegible]
91 [illegible]
92 [illegible]
93 [illegible]
94 [illegible]
95 [illegible]
96 [illegible]
97 [illegible] heavy without hail
98 [illegible] with [illegible]
99 [illegible] heavy with hail

[illegible] 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
St Stratus
Cu Cumulus
Cb Cumulonimbus
Ns Nimbostratus
Fc Fractocumulus
Fs Fractostratus
Cu Cumulus
St Stratus

LIBRARY
JUL 14 1954
WEATHER BUREAU

GENERAL FORECAST From noon today to noon tomorrow.

Moderate Northeasterly winds, with some low clouds on Middle Egypt.

Temprature continues its gradual rise and becomes about normal.

Rather mild in Upper Egypt.

من ظهر اليوم الى ظهر غد :

يستمر الارتفاع التدريجي في درجة الحرارة وتصبح حول المعدل .

الرياح شمالية شرقية معتدلة مع ظهور السحب المنخفضة حتى

مصر الوسطى . أما في الصعيد فيميل الطقس للدفء .

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

108 442

CAIRO Time of Sunrise 04 36
Sunset 14 55

At 1200 — FRIDAY 4th DECEMBER 1953

WIND																							
140	4	35	01	0	2	Sc,Cu	26.8	20	11	56	340	4	15	03	0	0	—	28.4	16	10	22	0	69	0	
300	7	18	02	0	3	Cu, Ac	26.8	19	12	64	320	3	14	02	0	0	—	28.0	16	12	20		77	0	
350	9	14	03	1	6	Cu	26.9	19	15	78	330	5	12	02	0	0	—	27.5	16	13	20		82	0	
360	5	35	02	1	4	Cu	26.8	19	12	64	360	4	7	01	1	1	Cu	27.0	16	10	20		68	0	
240	5	50	01	1	3	Sc	26.6	18	13	73	360	4	35	01	0	0	—	27.4	17	11	20	-2	68	0	319
310	2	18	02	1	4	Cu	26.1	20	11	56	340	4	14	01	1	0	—	26.6	13	11	20	-2	88	0	
340	2	35	03	1	2	Cu	26.3	18	10	60	220	2		01	0	0	—	26.6	14	10	19	-2	77	0	
350	8	30	03	0	1	Sc	26.1	18	14	78	350	6	14	01	0	0	—	26.0	15	13	19	-2	88	0	
40	3	30	02	1	2	Cu	25.3	19	10	56	00	0	12	01	1	0	—	25.7	14	10	22		77	0	
40	9	15	02	1	2	Cu	26.2	15	7	59	40	5		02	0	0	—	26.7	14	10	19	-4	77	0	
40	2	35	03	2	4	Cu	26.2	20	8	46	40	2	7	00	1	0	—	26.8	14	10	21	-2	77	0	
00	0	35	01	1	1	Cu	25.4	20	8	46	360	3	35	02	0	0	—	26.0	14	10	22	-1	77	0	
340	5	35	01	1	2	Cu	25.2	21	7	41	340	2	15	00	0	0	—	26.2	11	7	22		76	0	
00	0	35	03	1	3	Cu	25.4	20	8	46	00	0	15	02	1	0	—	26.2	14	10	23	0	77	0	
20	2	35	02	1	4	Cu	25.9	20	8	46	360	1	35	01	0	0	—	25.5	15	9	21		68	0	
70	8	18	03	1	3	Cu	25.9	20	6	41	80	8	12	02	1	0	—	26.5	14	9	20		72	0	
40	9	15	03	1	3	Cu	25.3	19	8	49	40	4	12	00	0	0	—	26.2	14	9	20	-3	72	0	
30	3	18	01	2	3	Cu	25.5	20	11	56	60	3	10	00	1	0	—	26.4	14	11	21	-2	82	0	374
30	3	18	01	2	3	Cu	25.4	20	7	43	60	3	10	00	1	0	—	26.0	15	9	21	-2	68	0	375
360	11	35	01	1	1	Cu	25.2	19	4	37	360	10	15	02	0	0	—	26.7	15	7	19	-3	39	0	
360	6	35	02	1	3	Cu, Sc	25.4	20	6	41	00	0	35	01	1	2	Cu, Sc	25.6	14	8	21	-3	67	0	
360	10	10	02	0	0	—	24.6	21	9	47	350	3	8	02	0	0	—	25.1	11	7	21	-3	76	0	
360	3	30	02	0	0	—	23.5	20	2	30	260	1	8	02	0	0	—	24.4	13	7	21	-3	67	c	
360	2	15	00	0	0	—	22.5	23	10	44	00	0	35	00	0	0	—	23.4	12	0	21	-5	44	c	
270	1	50	00	0	0	—	22.2	23	8	38	270	1	7	00	0	0	—	23.3	15	4	24	-2	48	0	
350	10	30	02	0	0	—	21.5	22	6	36	180	4	12	02	0	c	—	23.0	14	3	23		48	c	
20	6	50	00	0	0	—	20.6	22	13	57	360	4	50	00	0	0	—	21.0	19	9	23	-4	52	c	
00	0	18	03	0	3	Cu	27.1	21	11	53	280	2	10	01	0	1	Sc,Cu	27.5	15	9	22	-1	68	0	
360	1	35	02	0	0	—	25.6	19	9	52	00	0	15	02	0	0	—	26.7	13	7	20	-3	67	0	
320	9	50	00	0	0	—	25.2	18	3	37	320	4	15	00	0	0	—	26.0	14	-5	19	-6	27	0	
40	3	15	00	0	0	—	23.0	20	3	33	00	0	15	00	0	0	—	23.5	14	3	22	-4	48	0	
310	7	50	03	0	3	Cu	25.0	19	7	46	360	7	15	01	0	0	—	26.4	14	8	20	-3	67	0	
310	5	35	01	1	0	—	22.6	21	12	57	40	9	35	01	1	0	—	23.3	14	10	22	-2	77	0	
330	6	18	02	1	1	Sc	21.9	19	9	52	280	4	10	02	0	0	—	22.7	18	9	20	-3	56	0	
360	13	15	01	1	3	Ac	21.5	21	12	57	330	9	15	01	1	3	Ac	22.7	19	9	21	-5	52	0	

* 9 = Sky obscured by fog etc

(a) AERODROME

FRIDAY 4th DECEMBER 1953

SATURDAY 5th DECEMBER 1953

320	9	15	00	0	0	—	27.9	+10.5	14	8	11	-1	67	0	170								
240	5	15	02	0	2	Sc	27.4		12	9	11		82	0	70								
220	3	18	01	2	6	Sc, Cu	27.7	+9.8	13	12	11		94	0	48								
20	7	15	01	1	3	Cu	27.6		16	10	10		68	0	65								
130	3	15	03	4	3	Sc	27.2	+8.7	14	10	12	-2	77	0	37	48							
340	3	18	01	4	3	Cu	27.1	+9.4	11	11	8	-5	97	0	35	39							
220	2		03	1	6	Sc	27.0	+9.4	13	11	10	-2	88	0	68	25							
															39								
180	2	18	03	2	7	Cu, Sc	26.3	+7.9	12	8	10		77	0	34								
310	5		02	0	0	—	27.0	+8.4	10	8	9	-2	88	0	8	19							
90	2	15	00	0	0	—	26.8	+8.6	11	9	8	-3	88	0	12	10							
00	0	35	02	0	0	—	26.8	+8.0	9	9	6	-4	97	0	18	8							
220	2	15	00	0	0	—	26.6	+8.0	11	9	7		88	0	14								
00	0	15	02	0	0	—	27.0	+8.3	8	6	7	-3	88	0	7	7							
320	1	7	28	4	0	—	27.0		9	7	7		88	0	20								
120	4	14	02	0	0	—	27.4		12	9	7		82	0	6								
110	3	12	00	0	0	—	26.8	+8.4	11	8	8	-4	82	0	3								
00	0						27.4	+9.0	12	8	8	-3	77	0	1	4							
00	0	0.03	45	4	9		27.4	+8.9	6	5	5	-4	93	0	1	6							
20	8	7	65	0	0	—	27.2	+8.2	13	8	10	-2	72	0	3	4							
00	0	35	02	0	0	—	27.4	+8.5	10	8	6	-4	88	0	1	0							
350	6	8	02	0	0	—	26.6	+7.9	9	7	5	-4	88	0	dr								
															0								
00	0	7	10	0	0	—	25.1	+7.4	11	7	6	-3	76	0	0								
270	1	35	00	0	0	—	25.1	+7.0	14	5	4	-6	55	0	0								
															0								
20	4	50	00	0	0	—	24.0	+6.3	13	9	9	-4	77	0	0								
00	0	18	02	0	0	—	29.6	+9.9	10	8	7	+1	88	0	dr	1							
00	0	35	02	0	0	—	27.9	+8.3	10	8	5	-3	88	0	0.5	2							
															0								
00	0	50	00	0	0	—	27.4	+8.2	10	0	6	-3	50	0	0								
00	0	15	00	0	0	—	25.6	+7.0	12	5	6	-4	63	0	0								
360	4	35	00	0	0	—	27.6	+9.8	12	8	8	-4	77	0	14	6							
40	5	35	01	1	0	—	24.6	+7.7	13	10	10	-2	82	0	0	4							
240	3	18	02	0	2	Sc	23.9	+7.5	15	7	12	-1	59	0	0								
330	9	15	02	0	0	—	22.5	+5.6	17	8	15	-2	56	0	0	3							

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 5-12 14		Matruh 5-12 14		P.Said 5-12 14		El Arish 5-12 14		Almaza 5-12 1330		Minya 5-12 14		Asyout 5-12 14		Luxor 5-12 14 15		Aswan 5-12 14		Siwa 5-12 14		Dakhla 5-12 14	
															SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
330	9	350	5			30	7	30	7	360	16	350	15	330	6	350	16	360	8	20	15
330	10	340	9	10	9	30	6	20	6	360	16	340	11	350	9	360	16	360	10	10	16
320	7	320	10	20	9	20	10	40	13	360	26	350	13	40	9	20	14	20	9	360	18
270	10	320	9	10	5	90	7	10	11	360	15	30	9	40	10	20	14	40	10	20	18
20	7							10	11	320	4	350	7	30	10	70	10	50	14		
30	7									340	13	350	4	30	9	20	13	50	15		
20	7													10	12			50	9		
																		50	14		

Kharga 5-12 14		Hurghada 5-12 14	
30	10	340	16
40	15	320	21
40	17	300	16
50	16	340	10
70	10		

Matruh 6-12 05		P.Said 6-12 03		El Arish 6-12 04		Minya 6-12 02		Hurghada 6-12 08		Dakhla 6-12 08		Kharga 6-12 08	
340	10	40	8	70	10	10	24	330	13	40	22	10	16
350	9	40	10	30	13	20	27	330	4	10	14	30	20
20	6	20	10	20	17	20	24	50	10	10	8	40	12
10	8	20	14	40	4	10	12	40	2	30	9	20	8
20	10					10	10	350	6			40	9
350	9					10	10	10	10			60	7
330	10					10	5	340	10			60	5

S.Barrani 6-12 08		Matruh 6-12 08		Alex A.P. 6-12 08		P.Said 6-12 08		El Arish 6-12 08		Almaza 6-12 08 15		Heluan 6-12 06 45		Minya 6-12 08		Asyout 6-12 08		Siwa 6-12 08		Bahariya 6-12 08	
																			SPEED	DIR	SPEED
300	13	320	5	60	4	60	6	70	5	40	10	60	8	20	11	320	5	10	7	20	16
300	13	340	7	50	6	50	9	40	10	50	16	50	17	30	21	350	7	30	6	20	27
310	9	350	9	20	6	40	9	40	8	50	22	40	22	20	16	20	12	40	10	20	37
		10	8	340	6	40	8	80	4	40	14	40	17	20	10	50	10	360	13	20	39
		360	7			30	7	70	8	350	7	20	13	360	14	10	9	30	14		
						30	7	30	7	20	7	20	12	330	11	40	12	30	15		
						360	11			20	12	330	15	320	9	350	9	30	10		
										330	15	330	17			290	2	320	7		
																		290	22		

Cairo A.P.

5 - 12

15

70	18	40	11
214	17	40	11
1569	4	30	11
3147	0	360	19
5765	-16	350	17
7400	-29	10	20
9389	-44	310	13

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 6th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust [illegible] within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches [illegible] shallow [illegible] from [illegible]
12 Continuous [illegible] fair or 10 m or less
13 Lightning but no thunder heard
14 Precipitation not reaching ground
15 [illegible] reaching ground but distant [illegible]
16 [illegible] 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 [illegible] of snow, or of rain and snow
27 [illegible] hail [illegible] hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm — decreased; no change; increased; decreased; no change; increased — during preceding hour
31 Slight or moderate [illegible] — low
32 Heavy
33 Slight or moderate — high
34 Heavy
35 Fog or [illegible] not during last hour
36 [illegible] in patches
37 [illegible] discernible — has become thinner during preceding hour
38 [illegible] not [illegible]
39 [illegible] discernible — no change during preceding hour
40 [illegible] not [illegible]
41 [illegible] discernible — has begun or become thicker during last hour
42 [illegible] not [illegible]
43 [illegible] depositing rime, sky discernible
44 [illegible] not [illegible]

50 Drizzle not freezing, intermittent — slight
51 [illegible] continuous
52 [illegible] intermittent — moderate
53 [illegible] continuous
54 [illegible] intermittent — thick
55 [illegible] continuous
56 [illegible] freezing, slight
57 [illegible] moderate or thick
58 [illegible] and rain, slight
59 [illegible] moderate or heavy
60 Rain, not freezing, intermittent — slight
61 [illegible] continuous
62 [illegible] intermittent — moderate
63 [illegible] continuous
64 [illegible] intermittent — heavy
65 [illegible] continuous
66 Rain, freezing, slight
67 [illegible] moderate or heavy
68 [illegible] or drizzle and snow, slight
69 [illegible] moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous [illegible]
72 Intermittent [illegible] — moderate
73 Continuous [illegible]
74 Intermittent [illegible] — heavy
75 Continuous [illegible]
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 [illegible] moderate or heavy
82 [illegible] violent
83 Shower (s) of rain and snow, slight
84 [illegible] moderate or heavy
85 Snow shower (s), slight
86 [illegible] moderate or heavy
87 Shower (s) of soft hail with or without rain, slight
88 [illegible] moderate
89 Shower (s) of hail with or without rain, slight
90 [illegible] moderate
91 Slight rain — Thunderstorm during preceding hour
92 Moderate or heavy rain
93 Slight snow — not at time of observation
94 Moderate or heavy snow
95 Thunderstorm slight or moderate without hail — Thunderstorm at time of observation
96 [illegible] with [illegible]
97 [illegible] heavy without hail
98 [illegible] with duststorm or sandstorm
99 [illegible] 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. Moderate northeasterly winds, with some low clouds especially on the Coast. Temperature continues its slow gradual rise, though still below normal.

[illegible] من ظهر اليوم الى ظهر غد: يستمر الارتفاع التدريجي البطيء في درجة الحرارة ومع ذلك تظل دون المعدل والرياح شمالية شرقية معتدلة. هذا ويظهر بعض السحاب المنخفض خاصة عند الساحل.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Station) 04 37 / 14 55

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

1200 GMT — SATURDAY 5th DECEMBER 1953

WIND Direction (True)	WIND Speed (Knots)	CLOUD Amount (Oktas)	CLOUD Height (Hundreds of feet)	CLOUD Type	PRESENT WEATHER ww	PAST WEATHER W	VISIBILITY (Statute miles)	SEA TEMPERATURE	CLOUD Amount (Oktas)	CLOUD Type	CLOUD Height (Hundreds of feet)	TEMPERATURES °F Dry Bulb	Wet Bulb	MAXIMUM Today	MAXIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 12 hrs (mm)
40	7	35	63	1	6	Cu	26.7	19	9	52	340	7	15	00	0	0	—	26.8	16	8	21	−1	59	0
320	9	18	02	0	4	Cu	26.7	19	11	60	350	8	14	02	0	1	Sc	26.8	16	8	21		59	0
360	7	18	02	1	5	Sc	26.7	19	13	68	330	6	12	01	0	1	Sc	27.1	16	13	19		82	0
340	4	35	02	1	4	Cu	27.4	19	9	52	20	6	7	02	1	4	Cu	26.4	16	10	19		68	0
310	4	50	01	1	2	Sc	26.0	19	12	64	360	10	35	02	0	2	Sc	27.2	17	9	20	−2	60	0
20	5	18	01	2	4	Cu	25.7	20	11	56	00	0	12	01	1	0	—	26.6	13	11	20	−2	88	0
40	5	35	01	1	1	Cu	25.5	18	10	60	220	5		00	0	0	—	26.3	13	13	19	−2	97	0
350	7	30	02	0	1	Cu	25.5	18	14	78	10	10	15	01	0	0	—	26.6	16	13	19	−2	82	0
10	3	30	01	1	1	Sc, Cu	25.0	18	9	56	360	3	14	02	0	0	—	25.2	15	10	22		72	0
360	9	15	02	1	2	Cu	25.6	20	8	46	360	9				0	—	25.9	14	10	21	−2	77	0
20	2	35	01	1	2	Cu	25.6	20	11	56	40	2	7	00	1	0	—	26.3	14	10	22	−1	77	0
40	3	35	03	2	5	Cu	25.7	19	12	64	40	3	35	02	1	0	—	26.0	13	11	21	−2	88	0
340	5	35	01	1	2	Cu	25.3	19	9	52	340	2	15	00	0	0	—	26.5	12	10	21		88	0
00	0	35	02	1	4	Cu	24.8	20	11	56	00	0	15	02	1	0	—	26.2	14	10	22	−1	77	0
360	2	35	03	1	3	Cu	24.8	20	6	41	40	1	35	01	0	0	—	25.8	15	9	21		68	0
70	8	30	03	1	3	Cu	25.4	20	8	46	70	9	12	03	1	3	Ac	26.2	16	10	21		68	0
30	14	30	02	0	1	Cu	24.9	20	9	49	20	7	12	03	1	4	Sc	25.9	15	10	20	−2	72	0
30	3	18	03	4	2	Cu	25.1	20	8	46	00	0	8	03	1	4	Cu	26.2	15	11	21	−2	77	0
30	3	18	03	4	2	Cu	24.8	20	8	46	00	0	8	03	1	4	Cu	26.0	15	9	21	−1	68	0
20	13	15	02	8	8	—	24.6	20	3	33	20	4	7	03	1	2	Ac	26.2	15	8	28	−2	63	0
360	4	35	02	0	0	—	24.7	20	6	41	00	0	35	02	0	0	—	25.2	15	7	21	−3	59	0
360	11	8	02	0	0	—	23.8	19	10	56	360	6	8	02	0	0	—	24.8	12	8	21	−3	77	0
310	8	30	02	0	0	—	22.8	21	4	33	250	2	8	02	0	0	—	24.2	13	7	22	−2	67	0
340	1	15	00	0	0	—	21.5	22	9	44														
270	1	50	00	0	0	—	21.6	23	8	38	270	1	7	00	0	0	—	23.8	15	4	25	−1	48	0
350	8	30	02	0	0	—	21.1	23	7	36	170	7	12	02	0	0	—	22.3	14	3	23		48	0
340	6	50	00	0	0	—	19.8	23	15	61	340	4	50	00	0	0	—	19.9	20	11	24	−3	56	0
360	2	35	03	1	2	Ac	25.0	20	11	56	00	0	05	02	1	0	—	26.2	14	10	20	−3	77	0
360	3	50	00	0	0	—	23.4	20	3	33	340	4	15	00	0	0	—	25.0	14	−1	21	−3	36	0
00	0	35	00	0	0	—	21.6	21	4	33	00	0	15	00	0	0	—	22.7	14	3	22	−4	48	0
360	8	50	03	0	4	Cu	24.2	19	7	46	360	7	15	01	0	0	—	25.1	14	8	20	−3	67	0
310	5	35	01	1	0	—	23.1	22	6	36	40	2	35	01	1	0	—	24.4	15	9	22	−2	68	0
320	2	18	02	0	1	Sc	22.8	20	11	56	300	6	10	02	0	0	—	23.3	18	11	21	−2	64	0
360	9	15	03	1	2	Ac	21.8	21	12	57	330	9	15	01	1	0	—	22.0	18	15	21	−4	83	0
											310	9	30	02	1	1	Cu	17.7	21	16	28		74	0
											360	6	30	02	0	0	—	20.5	16	4	23		45	0
											00	0	30	01	2	0	—		19	0	25		28	0
											350	5	30	01	0	1	Cu	15.8	19	−1	27		26	0
											350	8	30	01	0	0	—	15.4	21	1	28		23	0
											360	5	30	01	0	0	—	12.4	24	13	32		50	0
											350	7	30	01	0	1	Cu	15.5	19	−1	27		26	0
											40	2	30	01	1	3	Cu		21	−1	29		23	0
											360	3	30	01	1	0	—	11.9	22	8	33?		41	0
											00	0	15	04	0	0	—	8.3	26	15	25		51	0

0600 GMT — SUNDAY 6th DECEMBER 1953

WIND Direction (True)	WIND Speed (Knots)	CLOUD Amount (Oktas)	CLOUD Height (Hundreds of feet)	CLOUD Type	PRESENT WEATHER ww	PAST WEATHER W	CLOUD Amount (Oktas)	CLOUD Type	CLOUD Height (Hundreds of feet)	BAR PRESSURE MB (mb)	BAR PRESSURE Diff. from normal (mb)	TEMPERATURES °F Dry Bulb	Wet Bulb	MINIMUM Today	MINIMUM Diff. from normal	RELATIVE HUMIDITY %	RAIN PAST 24 hrs (mm)	RAIN PAST 24 hrs (Inches)	SUNSHINE Hours
220	9	15	01	1	3	Cu	26.3	+8.9	14	8	12	0	67	0	170				
270	2	14	03	2	6	Cu	26.1		14	10	12		77	0	70				
240	10	14	02	0	2	Sc	26.0	+7.8	12	11	10		94	0	48				
250	6	15	02	1	5	Sc	25.9		12	10	10		88	0	65				
00	0	15	03	0	5	Cu, Sc	26.6	+8.1	15	9	14	0	68	0	37	50			
00	0	18	02	1	6	Sc	26.0	+8.2	14	11	10	−2	82	0	35	40			
290	2	7	03	1	5	Cu	25.2	+7.5	14	12	10	−2	88	0	68	25			
230	5	10	02	0	1	Sc	25.4	+7.1	15	13	13	−2	88	0	39				
150	2	30	01	0	0	—	25.2	+6.7	11	7	7		76	0	34				
310	5	7	02	1	2	Ac	25.9	+7.3	12	10	9	−2	88	0	8	20			
360	2	15	01	1	3	Cu	25.6	+7.4	11	9	9	−2	88	0	12	11			
00	0	35	03	2	6	Cu	25.2	+6.4	10	10	6	−4	97	0	18	9			
340	2	15	00	0	0	—	25.0	+6.3	12	10	8		88	0	14				
00	0	15	02	0	0	—	25.2	+6.5	10	8	7	−3	88	0	7	7			
220	1	35	01	0	0	—	25.5		10	8	8		88	0	20				
70	3	10	01	1	1	Sc	26.0		11	9	8		88	0	6				
360	2	14	01	1	0	—	25.7	+7.3	12	9	9	−3	82	0	3				
00	0	6	01	1	1	Cu	25.8	+7.3	11	8	8	−3	82	0	1	5			
00	0	6	01	1	1	Cu	25.9	+7.4	9	7	5	−4	88	0	1	6			
00	0	1.5	10	0	1	St, Ac	25.8	+6.8	12	8	9	−2	77	0	3	4			
00	0	35	02	0	0	—	25.9	+7.0	12	8	−2	−2	77	0	1	0			
350	4	8	02	0	0	—	25.2	+6.4	10	7	4	−5	82	0	dr				
270	3	4	10	0	0	—	24.7	+5.6	9	7	6	−3	88	0	0				
00	0	7	01	0	0	—	24.2	+6.4	10	6	7	−2	76	0	0				
320	2	35	00	0	0	—	24.0	+5.9	11	4	5	−5	63	0	0				
90	1	30	02	0	0	—	23.4	+5.6	12	4	4		59	0	0				
20	3	50	00	0	0	—	22.4	+4.6	14	10	10	−3	77	0	0				
340	3	18	01	0	0	—	26.8	+7.1	11	8	8	+2	82	0	dr	1			
00	0	35	02	1	2	Cu	26.2	+6.5	10	8	5	−3	88	0	0.5	2			
200	4	50	00	0	0	—	25.9	+6.6	11	4	7	−1	63	0	0				
00	0	15	00	0	0	—	23.4	+4.7	11	4	6	−3	63	0	0				
360	6	35	00	0	0	—	25.9	+8.1	12	10	10	−2	88	0	14	6			
40	5	35	01	1	1	Cu	25.2	+8.2	12	3	8	−3	55	0	0	4			
250	2	18	02	1	1	Sc	23.1	+6.7	15	4	10	−3	48	0	0				
330	5	15	02	0	0	—	21.8	+4.9	18	8	16	−1	52	0	0	3			

* B = Sky obscured by fog, etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

	S.Barani 6-12 14		cMatruh 6-12 14		Alex.A.P. 6-12 14		P.Said 6-12 14		El Arish 6-12 14		Almaza 6-12 16		Minya 6-12 14		Asyout 6-12 14		Aswan 6-12 14		Siwa 6-12 14		Dakhla 6-12 14	
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	310	13	330	12	340	5	10	10	10	9	20	18	350	20	220	16	360	9	360	14	350	17
	310	10	330	12	360	8	10	10	40	8	20	17	10	16	210	9	360	13	350	12	360	18
	310	12	330	8	350	7	10	10	10	6	30	19	20	15			20	13	360	14	360	12
					350	11	40	9	20	5	20	15	30	14	10	6	30	10	10	16	360	15
					360	7	50	8	40	5	10	5	70	10	350	11			360	14	360	23
					340	8	60	8			210	12			340	14			360	10		
					340	9	80	7			350	15			320	10			30	13		

	Kharga 7-12 14		Hurghada 6-12 14								P.Said 7-12 02		cMinya 7-12 [illegible]		cAsyout 7-12							
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	30	15	350	11							360	9	[illegible]	13								
	30	18	330	14							340	10	[illegible]	7								
	40	19	320	14							360	9	340	13								
	70	4	300	12							30	7	360	8								
	70	6	350	11							350	4										
	60	7	320	12							340	4										
											340	4										

	cMatruh 7-12 08		Almaza 7-12 08		Aswan 7-12 6 45		Minya 7-12 08		Asyout 7-12 08		Luxor 7-12 08		Siwa 7-12 08		Baharyia 7-12 08		Dakhla 7-12 08		Kharga 7-12 08		Hurghada 7-12 08	
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	30	13	10	11	20	8	360	19	350	9	150	2	20	17	10	40	10	12	20	11	330	25
	30	10	20	12	30	13	10	29	360	12	330	9	40	16	10	36	30	20	20	22	330	18
	10	9	30	12	20	19	20	38	20	17	340	9	40	10	110	21	30	23	80	16	320	10
			20	20	30	20	10	14	20	20	360	14	30	12	110	16	20	14	30	16	340	11
			360	17	20	17					340	15	30	30			10	13	20	16	350	19
			360	17	340	9											300	17	20	18	360	22
					350	17					300	17										
					330	19					320	30										

UPPER AIR OBSERVATIONS

BY RADIOSONDE, RADIOWIND

	Cairo A.P. 6-12 15																					
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
	70	18		40	7																	
	206	16		40	7																	
	1561	6		20	5																	
	3148	0		350	13																	
	5751	-16		320	24																	
	7378	-28		320	55																	
	9793	-40		320	65																	
	12050	-56																				

REMARKS:

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Monday 7th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m
12 Continuous [illegible] land or 10 m of sea
13 Lightning had [illegible] thunder heard
14 Precipitation not reaching ground
15 [illegible] reaching ground but distant 5 kms.
16 [illegible] 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 [illegible] of snow or of rain and snow
27 [illegible] and [illegible] 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 — during preceding hour
34 — no change
35 — increased
36 Slight or moderate drifting snow — low
37 Heavy
38 Slight or moderate — high
39 Heavy
40 Fog at a distance, not during last hour
41 " in patches
42 " sky discernible — has become thinner during preceding hour
43 " " not
44 " " discernible — no change during preceding hour
45 " " not
46 " " discernible — has begun or become thicker during last hour
47 " " not
48 " depositing rime, sky discernible
49 " " " " not "

50 Drizzle not freezing, intermittent — slight
51 " " continuous
52 " " intermittent — moderate
53 " " continuous
54 " " intermittent — thick
55 " " continuous
56 " freezing, slight
57 " moderate or thick
58 " and rain, slight
59 " moderate or heavy
60 Rain, not freezing, intermittent — slight
61 " " continuous
62 " " intermittent — moderate
63 " " continuous
64 " " intermittent — heavy
65 " " continuous
66 Rain freezing, slight
67 " moderate or heavy
68 " or drizzle and snow, slight
69 " moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous
72 Intermittent — moderate
73 Continuous
74 Intermittent — heavy
75 Continuous
76 Ice needles
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 [illegible] with or without [illegible] — slight
88 [illegible] — moderate
89 Shower [illegible] — slight
90 [illegible] rain and snow [illegible] — moderate
91 Slight rain
92 Moderate or heavy rain — [illegible] preceding hour
93 Slight snow — [illegible]
94 Moderate or heavy snow — [illegible]
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
Cc Cumulonimbus
Fc Fracto-cumulus
Fs Fracto-stratus
Cu Cumulus
St Stratus

GENERAL FORECAST From noon today to noon tomorrow. من ظهر اليوم الى ظهر غد.

Temperature tending to decrease gradually. Low clouds are expected occasionaly increasing over coastal areas where light showers are expected later. Northeasterly moderate winds. Warm in Upper Egypt with clear skies and light Northerly winds.

تميل درجة الحرارة نحو الهبوط التدريجي مع ظهور السحب المنخفضة التي تتكاثر أحيانا قرب الساحل حيث ينتظر أن يسقط مطر خفيف فيما بعد. الرياح شمالية شرقية معتدلة. أما في الصعيد فالطقس دافئ والسماء صحو بوجه عام مع رياح شمالية خفيفة.

Printed by the Survey of Egypt 1952 (52/394)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 38 U.T. / Sunset 14 55 U.T.

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

At 1200 on SUNDAY 6th DECEMBER 1953

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300	SALLOUM	320	7	15	01	2	3	Cu	25.4	19	9	52
305	SÎDI BARRÂNI	320	9	18	02	0	2	Cu	25.2	19	11	60
306	MATRUH (A)	310	12	18	03	1	7	Sc	25.2	19	14	73
309	EL DABAA											
319	ALEXANDRIA	20	3	35	02	1	5	Cu, Sc	25.5	19	[illegible]	52
318	ALEXANDRIA (A)	360	7	18	02	2	7	Sc	24.5	21	9	47
330	DAMIETTA	110	5	35	01	1	2	Cu	23.9	18	10	60
333	PORT SAÏD (A)	350	2	30	01	0	3	Cu	24.1	19	12	64
336	EL 'ARISH	350	4	30	02	1	4	Cu	23.1	17	10	64
339	DAMANHÛR	360	5	15	02	1	2	Cu	24.6	19	7	52
342	MANSÛRA	40	5	35	03	2	5	Cu	24.3	20	11	56
345	TANTA	40	3	35	01	1	4	Cu	24.5	19	12	64
360	SHEBÎN EL KÔM	340	5	35	01	1	2	Cu	23.8	20	11	56
364	ZAGAZÎG	00	0	35	02	1	3	Cu	23.5	20	11	56
441	ISMAILIA	20	2	35	01	0	0	—	23.8	20	7	43
366	CAIRO (A)	70	10	38	02	1	2	Cu	23.8	19	7	46
372	CAIRO ALMÂZA (A)	20	9	30	03	1	3	Cu	23.7	19	7	46
374	CAIRO EZBEKIYA	350	4	18	03	0	3	Cu	23.9	20	8	46
375	GIZA	350	4	18	03	0	3	Cu	23.8	20	7	43
378	HELWAN	360	13	15	02	0	1	Cu	23.6	19	4	37
381	FAYÛM	360	4	35	02	0	0	—	23.1	20	8	46
387	MINYA (A)	10	11	10	02	0	0	—	22.4	21	9	47
393	ASYOÛT (A)											
398	NAG HAMADI	290	1	15	00	0	0	—	19.6	22	10	47
400	QENA	270	2	50	00	0	0	—	19.0	23	8	38
405	LUXOR	360	8	30	02	0	0	—	19.3	24	6	32
414	ASWAN	340	6	50	00	0	0	—	18.2	24	14	54
417	SÎWA	350	2	18	03	0	1	Cu	27.5	18	11	64
420	BAHARÎYA	360	10	35	02	0	0	—	23.6	20	8	46
422	FARAFRA											
432	DAKHLA	340	11	50	00	0	0	—	22.3	20	6	41
435	KHARGA	40	2	35	00	0	0	—	20.6	22	6	36
460	SUEZ	360	6	50	03	0	1	Cu	22.3	20	6	41
455	TOR	220	5	35	01	1	0	—	21.0	21	10	50
462	HURGHADA	330	1	18	02	1	1	Sc	20.2	20	10	53
465	QUSEIR	360	9	15	03	1	0	—	20.2	22	15	65

At 1800 on SUNDAY 6th DECEMBER 1953

Index	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility in Km (or m)	Present Weather ww	Past Weather W	Cloud Amount 0-8*	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300	SALLOUM	290	7	7	03	2	8	Cu, Sc	25.0	17	9	20	-2	60	0
305	SÎDI BARRÂNI	350	9	14	02	1	4	Sc	25.2	18	12	19		68	0
306	MATRUH (A)	310	2	12	01	2	0	—	25.5	15	14	19		94	0
309	EL DABAA	20	5	7	01	1	3	Cu	24.8	15	11	20		77	0
319	ALEXANDRIA	330	5	35	01	1	0	—	25.2	17	9	21	-1	60	0
318	ALEXANDRIA (A)	90	1	12	01	1	2	Sc	24.7	14	12	21	-1	88	0
330	DAMIETTA	230	2		01	1	0	—	25.4	14	12	20	-1	88	0
333	PORT SAÏD (A)	20	7	18	02	0	1	Cu	24.8	16	12	20	-1	77	0
336	EL 'ARISH	00	0	12	01	1	0	—	23.4	15	7	20		59	0
339	DAMANHÛR	360	9	7	02	0	0	—	24.8	14	12	20	-3	88	0
342	MANSÛRA	40	2	7	03	2	5	Cu	24.8	15	11	21	-2	77	0
345	TANTA	00	0	35	01	1	2	Cu	24.3	13	9	22	-1	77	0
360	SHEBÎN EL KÔM	340	2	15	00	0	0	—	23.9	14	10	21		77	0
364	ZAGAZÎG	00	0	15	02	1	0	—	23.8	15	9	21	-2	68	0
441	ISMAILIA	290	2	35	03	2	7	Ac	24.3	14	10	21		77	0
366	CAIRO (A)	70	9	12	01	0	0	—	24.8	15	7	20		59	0
372	CAIRO ALMÂZA (A)	20	7	12	03	0	1	Sc	24.2	14	8	19	-3	67	0
374	CAIRO EZBEKIYA	30	3	8	02	1	3	Cu	24.6	15	8	21	-2	63	0
375	GIZA	30	3	8	02	1	3	Cu	24.2	14	8	20	-2	67	0
378	HELWAN	20	10	7	02	0	0	—	24.3	15	7	19	-3	59	0
381	FAYÛM	360	4	35	02	0	0	—	23.6	15	9	21	-3	68	0
387	MINYA (A)	360	7	8	02	0	0	—	23.3	12	8	21	-2	77	0
393	ASYOÛT (A)	300	3	8	02	0	0	—	22.5	13	8	21	-3	72	0
398	NAG HAMADI	00	0	7	00	0	0	—	20.4	13	9	23	-2	77	0
400	QENA	270	2	7	00	0	0	—	19.9	16	3	25	-1	42	0
405	LUXOR														
414	ASWAN	360	6	50	00	0	0	—	18.8	21	10	25	-2	50	0
417	SÎWA														
420	BAHARÎYA	360	1	15	02	0	0	—	24.7	14	10	20	-3	77	0
422	FARAFRA														
432	DAKHLA	320	4	15	00	0	0	—	23.9	15	1	21	-3	39	0
435	KHARGA	360	1	15	00	0	0	—	21.4	15	4	22	-3	48	0
460	SUEZ	360	5	15	01	0	0	—	23.8	14	8	21	-2	67	0
455	TOR	40	5	35	01	1	0	—	22.4	16	9	22	-2	64	0
462	HURGHADA	260	5	12	00	0	0	—	20.5	17	8	21	-2	56	0
465	QUSEIR	330	5	15	01	1	0	—	20.3	19	9	22	-3	52	0

At 0600 on MONDAY 7th DECEMBER 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	220	7	15	01	1	3	AC	25.3	+7.7	14	8	12	0	67	0	170	
	305	SÎDI BARRÂNI	360	4	18	01	1	2	Sc	25.3		16	13	12		82	0	70	
	306	MATRUH (A)	260	1	14	03	2	7	Sc	25.4	+7.2	14	13	11		94	0	48	
	309	EL DABAA	270	5	15	03	2	7	Sc	25.3		13	11	10		88	0	65	
	319	ALEXANDRIA	360	10	35	03	0	7	Cu, Sc	25.0	+6.5	17	11	16	+2	68	0	37	52
	318	ALEXANDRIA (A)	00	0	12	03	1	6	Cu, Sc	24.4	+6.6	15	12	10	-2	82	0	35	42
	330	DAMIETTA	250	2	7	03	0	1	Cu	24.4	+6.7	12	12	10	-2	97	0	68	26
	333	PORT SAÏD (A)	350	2	14	02	0	1	Sc	24.3	+6.6	17	13	15	0	77	0	39	
	336	EL 'ARISH	00	0	18	03	1	3	Cu, Sc	23.5	+5.0	9	8	6		94	0	34	
LOWER EGYPT	339	DAMANHÛR	270	5	7	02	1	2	Cu	24.6	+6.0	13	9	8	-3	77	0	8	20
	342	MANSÛRA	360	2	7	03	2	4	Sc, Cu	24.6	+6.4	13	9	9	-2	77	0	12	11
	345	TANTA	00	0	35	02	0	0	—	24.2	+5.3	11	9	7	-3	88	0	18	9
	360	SHEBÎN EL KÔM	340	2	15	00	0	0	—	23.9	+5.2	13	9	8		77	0	14	
	364	ZAGAZÎG	00	0	15	02	0	0	—	24.6	+5.8	10	8	8	-2	88	0	7	7
	441	ISMAILIA	220	1	35	03	1	6	Sc, Cu	24.3		12	10	8		88	0	20	
CAIRO AREA	366	CAIRO (A)	110	4	12	03	0	1	Sc	24.3		12	8	8		77	0	6	
	372	CAIRO ALMÂZA (A)	90	4	14	01	1	1	Cu	24.4	+5.9	12	8	9	-2	77	0	3	
	374	CAIRO EZBEKIYA	00	0	6	01	1	2	AC	24.7	+6.2	11	9	8	-3	88	0	1	5
	375	GIZA	00	0	6	01	1	2	AC	24.6	+6.0	10	8	6	-3	88	0	1	6
	378	HELWAN	20	5	3	05	0	0	—	24.4	+5.4	13	9	10	-1	77	0	3	4
UPPER EGYPT	381	FAYÛM	00	0	35	02	0	0	—	24.7	+5.7	11	9	7	-3	88	0	1	0
	387	MINYA (A)	360	5	8	02	0	0	—	24.4	+5.6	9	8	6	-3	94	0	dr	
	393	ASYOÛT (A)	280	3	4	10	0	0	—	23.8	+4.6	9	7	6	-3	88	0	0	
	398	NAG HAMADI	00	0	7	00	0	0	—	22.0	+4.1	10	8	6	-3	88	0	0	
	400	QENA	320	4	35	00	0	0	—	21.9	+3.7	13	7	7	-3	67	0	0	
	405	LU[illegible]	00	0	18	02	0	0	—	21.4	+3.5	10	2	3		58	0	0	
	414	ASWAN	20	6	50	00	0	0	—	21.6	+3.7	14	10	10	-3	77	0	0	
OASES	417	SÎWA	250	2	18	03	0	5	Sc, Ac	26.0	+6.2	9	8	7	+1	94	0	dr	1
	420	BAHARÎYA	00	0	35	02	0	0	—	25.2	+5.5	9	7	5	-3	88	0	0.5	2
	422	FARAFRA																0	
	432	DAKHLA	00	0	50	00	0	0	—	24.8	+5.4	13	4	7	-1	55	0	0	
	435	KHARGA	40	2	15	00	0	0	—	23.4	+4.7	10	3	8	-1	62	0	0	
RED SEA	460	SUEZ	360	6	35	00	0	1	Sc	24.8	+7.0	11	9	8	-4	88	0	14	6
	455	TOR	40	5	35	01	1	0	—	22.0	+5.0	12	10	7	-4	98	0	0	4
	462	HURGHADA	290	9	18	02	1	1	Sc	20.9	+4.4	17	9	9	-4	60	0	0	
	465	QUSEIR	360	9	15	02	0	0	—	19.9	+3.0	17	7	15	-2	52	0	0	4
	641	PORT SUDAN																	
NORTH SUDAN	[illegible]	WADI HALFA																	
	640	ABU HAMAD																	
	650	KAREIMA																	
	680	ATBARA																	
	721	KHARTOUM																	
	750	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	841	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

	Matruh 7-12 14		Alex. A.P. 7-12 14		Almaza 7-12 14		Minya 7-12 14		Asyout 7-12 14		Aswan 7-12 14		Dakhla 7-12 14		Kharga 7-12 14		Hurghada 7-12 14					
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	360	12	10	9	360	12	350	24	340	17	350	11	10	13	40	15	350	24				
	350	10	360	9	20	12	360	23	350	18	360	11	20	12	50	20	330	30				
	340	17	330	9	30	16	10	31	360	16	360	12	10	9	50	23	310	21				
	340	14			20	23	20	16	10	20	10	13	30	14	60	10	340	12				
	360	13			60	19			10	20			20	17	10	11	350	16				
	340	10			300	10			350	17			20	24	360	17						
									330	17												

	Matruh 8-12 05		P.Said 8-12 02		Almaza 8-12 04		Minya 8-12 02		Asyout 8-12 02													
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	10	19	50	9			10	18	40	8												
	10	16	30	10	40	17	20	27	20	36												
	10	14	40	7	40	17	10	33	10	33												
			340	16	20	16	360	19	350	19												
			350	14																		
			360	23																		

	Matruh 8-12 08		Almaza 8-12 08		Minya 8-12 08		Asyout 8-12 08		Luxor 8-12 08 30		Siwa 8-12 08		Kharga 8-12 08		Bahariya 8-12 08							
	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
	10	25	20	10	360	14	350	19	210	2	40	9	360	13	10	22						
	50	20	50	14	340	18	360	14	90	3	60	12	10	18	10	26						
	380	15	40	20	40	20	350	16	90	4	30	14	120	13	10	39						
			30	26	30	27	320	11	20	9	360	17	30	6								
			30	25					10	10	350	19	340	9								
			20	11																		
											360	13										
											340	21										
											260	26										

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

	Cairo A.P. 7-12 15																					
	ALT m	TEMP	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP	HUM %	WIND DIR	WIND SPEED
Surface	70	16		20	13																	
900 mb	197	15		20	13																	
850 mb																						
800 mb																						
750 mb	1542	3		20	13																	
700 mb																						
650 mb	3119	0		360	10																	
600 mb																						
550 mb	5744	-13		350	43																	
500 mb	7397	-27		340	48																	
400 mb	9399	-44		330	52																	
300 mb	12010	-58		320	74																	
200 mb																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Tuesday 8th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Clouds dissolving or less developing — during last hour
02 Sky generally unchanged
03 Clouds 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 not more than 2 m
12 Continuous " " " 2 m or less
13 Lightning not accompanied by sound
14 Precipitation not reaching ground
15 " reaching ground but distant (> 5 km)
16 " near the station
17 Thunder heard but no precipitation
18 Squalls within sight during past hour
19 Funnel cloud(s)
20 Drizzle (not freezing)
21 Rain " "
22 Snow — not falling as shower(s)
23 Rain and snow
24 Freezing drizzle or rain
25 Shower(s) of rain
26 " of snow, or of rain and snow
27 " " hail
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm — decreased / no change / increased
31 " " " " — decreased / no change / increased
32 " " " " — decreased / no change / increased
33 Severe duststorm or sandstorm — no change / increased
34 " " " " — decreased / no change / increased
35 " " " " — decreased / no change / increased
36 Slight or moderate drifting snow — low
37 Heavy " " — low
38 Slight or moderate " " — high
39 Heavy " " — high
40 Fog at a distance, not during last hour
41 " in patches
42 " sky discernible, has become thinner during preceding hour
43 " " not " " " "
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 "

(28–49: during preceding hour, not at time of observation)

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

(50–99: 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.

Moderate northeasterly winds, with some low clouds increasing later on over Egypt and Cairo. No change in temperature. In Upper Egypt mild weather with moderate northerly winds.

توقعات عامة: من ظهر اليوم إلى ظهر غد.

تقل درجة الحرارة كذلك يوم يصاحبه ظهور سحب منخفضة إلى تتكاثر أثناء النهار على الوجه البحري والقاهرة. والرياح شمالية شرقية معتدلة. لا تغير في الحرارة. في الصعيد الطقس معتدل والرياح شمالية معتدلة.

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

SYNOPTIC SURFACE OBSERVATIONS

SAMPLE 04 38 / 14 55

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

1800 on MONDAY 7th DECEMBER 1953

WIND DIRECTION	WIND VELOCITY	VISIBILITY	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORMS	BAR. PRESSURE MSL	BAR. PRESSURE Diff from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	MAXIMUM	MAXIMUM Diff from normal	RELATIVE HUMIDITY	RAINFALL Past 24 hrs.	RAINFALL Since 0900 Past 24 hrs.	RAINFALL Normal
340	7	35	03	2	6	Cu, Sc	24.8	19	9	52	320	9	15	00	0	0	–	25.8	15	9	19	–3	68	0
40	8	18	02	1	4	Cu, Ci	24.6	19	12	64	320	8	14	50	5	3	Sc	25.7	17	13	19		77	dr
340	8	18	02	2	4	Sc	24.6	19	15	78	360	8	12	02	1	2	Sc	25.7	16	12	19		77	0
340	5	35	01	1	3	Cu	23.9	19	9	52	340	9	7	03	2	8	Sc	24.2	17	9	19		60	0
330	20?	35	01	2	4	Sc	23.3	19	9	52	250	12	35	01	1	2	Sc	24.3	17	11	20	–2	68	0
350	12	18	01	2	5	Cu	23.2	20	9	49	350	5	12	02	1	3	Sc	24.2	16	11	20	–2	72	0
340	5	15	03	1	5	Cu	23.3	18	10	60	40	5		01	1	2	Sc	24.0	14	10	19	–2	77	0
350	5	30	02	0	4	Sc	23.2	18	12	68	40	6	18	02	1	2	Sc	23.7	16	13	20	–1	82	0
330	9	15	02	1	2	Cu	23.1	19	9	52	360	9	7	02	1	3	Cu	23.5	15	11	20	–3	77	0
360	2	15	03	2	8	Sc	23.1	19	12	64	40	2		03	2	6	Sc	23.7	15	6	21	–2	77	0
310	3	35	03	2	6	Cu	23.2	20	11	56	00	0	35	03	2	7	Cu	23.4	14	12	21	–2	88	0
340	5	35	01	1	4	Cu	23.2	20	11	56	340	2	15	01	1	3	Cu	22.8	15	9	22		68	0
00	0	35	02	1	4	Cu	22.4	20	11	56	00	0	15	02	1	0	–	23.0	16	12	22	0	77	0
360	2	35	03	1	5	Cu	22.6	20	8	46	20	1	35	01	0	0	–	23.4	14	8	21		67	0
20	7	18	03	1	6	Sc	22.9	19	7	46	40	7	12	02	2	5	Sc	23.8	17	11	20		68	0
30	11	30	02	1	5	Cu,Sc,Cs	22.3	19	7	46	20	5	12	03	2	7	Sc	23.3	16	11	20	–2	72	0
30	3	18	03	1	5	Cu,Sc	22.8	20	9	49	40	4	10	2	1	5	Sc	23.8	11	8	21	–2	82	0
30	3	18	03	1	5	Cu,Sc	22.4	20	7	43	40	4	10	02	1	5	Sc	23.1	16	10	21	–1	68	0
360	15	15	02	1	2	Cu	22.7	19	7	46	360	10	15	02	1	3	Sc	23.6	16	8	19	–2	59	0
360	4	35	02	0	0	–	21.9	20	6	41	00	0	35	02	0	0	–	22.8	15	9	21	–2	68	0
10	15	10	02	0	0	–	21.6	20	8	46	360	7	8	02	0	0	–	22.8	13	8	21	–2	72	0
340	10	30	02	0	0	–	20.1	21	4	33	320	7	10	02	0	0	–	21.8	14	8	22	–2	67	0
290	2	15	00	0	0	–	18.7	21	10	50	00	0	7	00	0	0	–	21.0	13	9	22	–3	77	0
290	4	50	00	0	0	–	18.7	22	6	36	270	2	7	00	0	0	–	19.9	16	5	24	–2	49	0
280	5	30	02	0	0	–	19.7	24	3	26	180	6	12	02	0	0	–	19.6	14	3	24		48	0
340	6	50	00	0	0	–	17.8	23	8	38	00	0	50	00	0	0	–	18.6	20	6	24	–2	41	0
											00	0	10	03	2	6	Sc	24.9	14	9	22	0	72	0
260	2	35	02	1	1	Cs	23.1	20	11	56	00	0	15	02	1	0	–	24.2	16	12	20	–3	77	0
340	4	50	00	0	0	–	21.9	20	3	33	00	0	15	00	0	0	–	23.0	16	5	21	–3	49	0
360	4	15	00	0	0	–	19.9	21	4	33	360	11	15	00	0	0	–	20.5	15	5	22	–3	52	0
360	7	50	03	0	3	Cu	21.6	20	6	41	360	9	15	01	0	0	–	23.0	14	8	20	–3	67	0
310	9	35	01	1	0	–	19.8	21	10	50	40	2	35	01	1	0	–	20.0	14	5	24	0	55	0
330	8	18	02	0	0	–	18.7	20	9	49	260	2	12	02	0	0	–	19.2	15	5	20	–3	52	0
360	9	15	02	0	0	–	18.3	21	10	50	360	9	15	02	0	0	–	18.6	19	12	22	–3	64	0

At 0600 on TUESDAY 8th DECEMBER 1953

ABBR.	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY	VISIBILITY	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT	CLOUD FORMS	BAR. PRESSURE MSL	BAR. PRESSURE Diff from normal	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	MINIMUM Today	MINIMUM Diff from normal	RELATIVE HUMIDITY	RAINFALL Past 24 hrs.	RAINFALL Since 0900 Past 24 hrs.	RAINFALL Normal
MEDITERRANEAN	52300	GALLOUM	320	7	15	03	2	6	Sc	25.9	+8.5	13	7	10	–1	67	0	174	
	308	SIDI BARRANI	220	6	15	02	2	1	Sc	25.5		13	9	13		77	tr	70	
	316	MATRUH (A)	10	13	18	02	1	5	Sc	25.1	+6.9	16	12	14		77	0	48	
	328	EL DABAA	360	8	15	01	1	2	Cu	23.9		16	8	21		59	0	65	
	319	ALEXANDRIA	310	13	50	03	0	5	Cu, Sc	24.2	+5.6	17	9	16	+2	60	0	37	54
	318	ALEXANDRIA (A)	20	9	14	01	2	6	Sc	23.7	+5.9	17	10	14	+2	64	0	35	43
	330	DAMIETTA	340	2		03	1	7	Cu	23.6	+5.9	14	12	11	–1	88	0	68	26
	333	PORT SAID (A)	60	6	18	02	0	2	Sc	23.5	+5.7	16	13	16	+1	82	0	39	
	336	EL ARISH	120	2	18	03	1	0	–	22.8	+4.2	10	8	7		88	0	34	
LOWER EGYPT	338	CAIRO (HELIOPOLIS)	40	5	7	02	1	1	Cu	23.4	+4.8	14	12	12	+1	88	0	8	21
	342	MANSURA	40	2	15	03	2	5	Cu	23.5	+5.2	14	10	11	0	77	0	12	11
	348	TANTA	40	1	35	01	1	7	Cu	23.5	+4.6	14	12	9	–1	88	0	18	9
	346	SHEBIN EL KOM	340	2	15	01	1	3	Cu	23.3	+4.5	14	12	10		88	0	14	
	354	ZAGAZIG	00	0	35	02	1	3	Cu	23.5	+4.7	14	10	10	+1	77	0	7	7
	341	ISMAILIA	00	0	0.8	42	4	0	—	23.8		9	9	8		97	0	20	
RED SEA AREA	360	SUEZ	110	2	12	03	0	7	Sc	24.2		13	10	10		82	0	6	
	372	CAIRO (HELIOPOLIS) (A)	120	2	14	03	0	6	Sc	23.7	+5.2	12	9	10	–1	82	0	3	
	374	GARDAQA (EL KOSEIR)	00	0	4	05	1	8	Sc	24.3	+5.7	13	9	11	0	77	0	1	5
	375	SUEZ	00	0	4	05	1	8	Sc	23.8	+5.2	12	10	9	0	88	0	1	7
	370	HELWAN	360	3	3	02	2	6	Sc	23.9	+4.8	13	9	10	–1	77	0	3	5
	381	PORT TEWFIK	00	0	35	01	2	6	Sc	23.9	+4.9	13	9	10	+1	77	0	1	0
	387	SHALUFA	340	6	8	02	0	0	—	23.3	+4.4	10	8	6	–2	88	0	dr	
	391	ISMAILIA (A)	280	1	10	01	0	0	—	22.9	+3.6	10	8	6	–3	88	0	0	
	396	KANTARA WEST	00	0	7	01	0	1	Ac	20.7	+2.7	11	11	6	–3	97	0	0	
	402	QUSEIMA	290	1	35	00	0	0	—	21.0	+2.7	13	7	7	–3	67	0	0	
	405	EL ARISH	190	6	30	02	0	0	—	20.7	+2.7	11	4	4		63	0	0	
	414	ASWAN	00	0	50	00	0	0	—	21.0	+3.1	13	9	9	–4	77	0	0	
DESERT	417	SIWA																	dr 2
	421	BAHARIYA	00	0	35	02	1	2	Ac	24.7	+4.9	13	9	10	+2	77	0	0.5	2
	423	FARAFRA																0	
	426	DAKHLA	270	4	50	03	0	1	Ci	23.6	+4.1	13	7	10	+2	67	0	0	
	435	KHARGA	40	1	35	00	0	0	—	22.3	+3.5	13	7	8	–1	67	0	0	
RED SEA	456	SUAKIN																	14 6
	458	TOKAR	40	5	35	01	1	1	Ci	20.2	+3.6	12		6	–5		0	0	4
	462	PORT SUDAN	260	1	18	02	0	2	Cu, Ci	20.1	+3.6	14	6	10	–3	59	0	0	
	467	WINGATE	330	13	15	02	0	0	—	20.0	+3.0	17	7	16	–1	52	0	0	4
	471	PORT SUDAN																	
NORTH SUDAN	836	KASSALA																	
	840	ABU HAMED																	
	850	KAREIMA																	
	855	ATBARA																	
	725	KHARTOUM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WAD MEDANI																	
	801	KENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	790	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WAU																	
	841	JUBA																	

RETARDS — DATE

9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Minya		Asyout		Luxor		Aswan		Siwa		Farafra		Dakhla		Kharga							
DATE	8-12		8-12		8-12		8-12		8-12		8-12		8-12		8-12							
TIME	14		14		14		14		14		14		14		14							
ALTITUDE	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
600 m.	360	23	340	11	360	6	350	8	310	12	10	12	360	23	10	18						
800 m.	350	28	350	14	320	7	350	6	320	12	10	12	360	19	10	21						
1000 m.	360	28	350	14	330	6	350	9	340	16	10	12	360	19	20	20						
1500 m.	10	30	350	5	10	4	360	9	350	21	20	2	20	12	20	16						
2000 m.	10	26	350	10	350	7	350	10	360	18												
2400 m.	340	25	10	12	350	5	350	10	30	16												
3000 m.			360	12	360	12			10	5												
4000 m.			310	19	290	35			340	15												
5000 m.			300	22																		
6000 m.			290	21																		

STATION	El. Arish		Alex A.P.		P. Said		Minya		Asyout													
DATE	9-12		9-12		9-12		9-12		9-12													
TIME	04		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
600 m.	10	10	40	6	30	23	10	31	350	16												
800 m.	10	15	20	6	30	25	30	24	360	23												
1000 m.	10	17	20	6	20	23	10	33	10	20												
1500 m.	30	9			20	22	40	31	350	28												
2000 m.							20	10	340	22												
2400 m.																						
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

STATION	Matruh		Alex A.P.		Almaza		Farafra		Dakhla		Kharga		Hurghada		Baharya							
DATE	9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12							
TIME	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
600 m.	10	9	40	5	30	22	10	16	10	17	20	15	330	26	20	35						
800 m.	10	10	40	6	30	27	20	19	20	22	20	25	310	19	20	43						
1000 m.	20	10	40	12	40	17	20	17	30	22	20	30	330	7	30	17						
1500 m.	30	10	10	12	30	32	40	21			20	11	350	6	30	18						
2000 m.							40	21			10	18	320	8								
2400 m.							40	18					300	10								
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 Wednesday 9th December 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 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 " " 2 m. or less	
13	Lightning but no thunder heard	within sight during past hour
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)	during preceding hour and 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
31		no change
32		increased
33		decreased
34	Severe duststorm or sandstorm	no change
35		increased
36	Slight or moderate drifting snow	during preceding hour
37	Heavy " "	
38	Slight or moderate " "	high
39	Heavy " "	
40	Fog at a distance, not during last hour	
41	" in patches	
42	" sky discernible	has become thinner during
43	" " not "	preceding hour
44	" " discernible	no change during preceding hour
45	" " not "	
46	" " discernible	has begun or become thicker
47	" " not "	during last hour
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	
52	" " " intermittent	moderate
53	" " " continuous	
54	" " " intermittent	thick
55	" " " continuous	
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing, intermittent	slight
61	" " " continuous	
62	" " " intermittent	moderate
63	" " " continuous	
64	" " " intermittent	heavy
65	" " " continuous	
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	
72	Intermittent " " "	moderate
73	Continuous " " "	
74	Intermittent " " "	heavy
75	Continuous " " "	
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain or rain and snow mixed	slight
88		moderate
89	Shower (s) of hail with or without rain or rain and snow mixed not with thunder	slight
90		moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation
92	Moderate or heavy rain	
93	Slight snow *	
94	Moderate or heavy snow *	
95	Thunderstorm slight or moderate without hail	Thunderstorm at time of observation
96	" " " with "	
97	" heavy without hail	
98	" with duststorm or sandstorm	
99	" heavy with hail	

* or rain and snow mixed

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.

Cold northeasterly winds continues, with some low clouds increasing later especially near the coast, and possible scattered morning mist on the Delta. No appreciable change in Upper Egypt.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO (Time of Sunrise 04 54 U.T. Sunset 14 55 U.T.)

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

At 1200 on TUESDAY 8th DECEMBER 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.	Temperatures °C Dry Bulb	Dew Point	Relative Humidity %	Rain past 12 hrs. mms.
	62300	SALLOUM	20	11	35	03	2	4	Cu	24.8	19	9	52	0
	309	SIDI BARRANI	10	12	18	01	2	3	Cu	24.7	19	11	60	0
	306	MATRUH (A)	360	16	18	03	1	5	Cu	24.2	18	14	78	0
	309	EL DAB'AA	20	11	35	03	1	7	Cu, Sc	23.0	19	9	52	0
	319	ALEXANDRIA	360	9	18	02	2	7	Sc	22.9	19	10	56	0
	318	ALEXANDRIA (A)	340	5	35	01	1	1	Cu	22.6	18	10	60	0
	330	DAMIETTA	10	7	50	02	1	3	Cu	22.4	20	11	56	0
	333	PORT SAÏD (A)	00	0	30	03	0	1	Cu	21.4	21	11	53	
	336	EL 'ARISH												
	339	DAMANHÛR	40	5	15	02	1	2	Cu	23.0	20	11	56	0
	342	MANSÛRA	40	2	35	01	1	2	—	22.6	21	10	50	0
	348	TANTA	90	5	35	03	2	6	Cu	21.9	20	11	56	0
	360	SHEBÎN EL KÔM	340	5	35	01	1	3	Cu	21.4	19	12	64	0
	364	ZAGAZIG	00	0	35	03	1	4	Cu	21.5	20	11	56	0
	441	ISMA'ILIA	360	2	35	03	1	6	Cu	22.0	20	8	46	0
	368	CAIRO (A)	40	14	18	02	2	5	Cu	22.2	19	7	46	0
	372	CAIRO ALMAZA (A)	30	9	15	01	2	3	Sc, Cu	21.5	19	9	52	0
	374	CAIRO EZBEKÎYA	30	5	18	01	2	5	Sc, Cu	22.0	20	10	53	0
	375	GIZA	30	5	18	01	2	5	Sc, Cu	21.6	20	9	49	0
	378	HELWAN	20	12	15	03	1	5	Cu	22.3	19	7	46	0
	381	FAYOÛM	360	6	35	02	2	6	Sc	23.5	20	8	46	0
	387	MINYA (A)	360	18	8	01	1	0	—	21.7	21	8	44	0
	393	ASYOÛT (A)												
	399	NAG HAMÂDI	00	0	15	00	0	0	—	18.2	23	10	44	0
	402	QENA	170	1	50	00	0	0	—	18.4	22	9	44	0
	405	LUXOR (A)	270	7	30	02	0	0	—	17.8	22	4	31	0
	414	ASWAN	340	4	60	00	0	0	—	17.1	22	9	44	0
	417	SIWA	280	9	18	03	1	4	Sc	24.5	20	8	46	
	420	BAHARÎYA	360	2	35	02	1	1	Cu	22.6	20	11	56	0
	423	FARAFRA												
	432	DAKHLA	360	11	35	01	1	4	AC	21.2	19	7	46	0
	435	KHARGA	360	3	15	00	0	0	—	18.8	22	6	36	0
	450	SUEZ	360	8	50	02	0	1	Cu	24.8	19	7	46	0
	459	TÛR	310	9	35	01	1	0	—	17.1	22	9	44	0
	462	HURGHADA												
	465	QUSEIR	360	9	15	02	0	0	—	17.6	21	10	50	0
	641	PORT SUDAN												
	600	WADI HALFA												
	640	ABU HAMAD												
	660	KAREIMA												
	680	ATBARA												
	721	KHARTOÛM												
	730	KASSALA												
	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID												
	780	EL FASHER												
	770	GENEINA												
	840	MALAKÂL												
	880	WÂU												
	941	JUBA												

RETARDS — DATE

At 1800 on TUESDAY 8th DECEMBER 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.	Temperatures °C Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
	62300	SALLOUM	310	4	15	01	0	2	Cu	25.2	19	9	20	−2	52	0
	309	SIDI BARRANI	360	8	14	02	0	4	Cu	25.4	17	12	19		72	0
	306	MATRUH (A)	360	13	10	01	1	2	Sc, Cu	25.2	16	14	18		88	0
	309	EL DAB'AA	360	7	7	01	1	3	Cu	24.4	16	10	19		68	0
	319	ALEXANDRIA	350	11	35	01	2	5	Cu, Sc	23.8	17	11	20	−2	68	0
	318	ALEXANDRIA (A)	20	8	12	03	2	7	Sc	23.7	17	11	20	−1	68	0
	330	DAMIETTA	340	5		02	0	0	—	23.8	16	10	19	−2	68	0
	333	PORT SAÏD (A)	10	9	14	01	1	2	Sc, Ci	23.7	17	13	20	−1	77	0
	336	EL 'ARISH														
	339	DAMANHÛR	140	9	7	02	1	0	—	23.5	15	11	21	−1	77	0
	342	MANSÛRA	20	2	7	00	1	0	—	23.8	14	10	22	−1	77	0
	348	TANTA	90	2	35	01	1	2	Cu	23.4	13	11	21	−2	88	0
	360	SHEBÎN EL KÔM	340	2	15	00	0	0	—	23.3	12	10	21		88	0
	364	ZAGAZIG	00	0	15	02	1	0	—	23.0	13	9	21	−1	77	0
	441	ISMA'ILIA	20	2	35	01	0	0	—	23.0	15	9	21		68	0
	368	CAIRO (A)	70	9	12	02	1	0	—	23.5	15	9	20		69	0
	372	CAIRO ALMAZA (A)	20	9	12	00	0	0	—	23.2	14	8	20	−2	67	0
	374	CAIRO EZBEKÎYA	40	3	10	00	1	0	—	23.5	15	12	21	−1	82	0
	375	GIZA	40	3	10	00	1	0	—	23.0	16	9	22	0	64	0
	378	HELWAN	20	11	7	01	1	0	—	23.4	15	7	19	−2	59	0
	381	FAYOÛM	360	4	35	01	0	0	—	21.9	15	9	21	−2	68	0
	387	MINYA (A)	360	6	8	02	0	0	—	21.8	13	9	21	−2	77	0
	393	ASYOÛT (A)	290	5	10	02	0	0	—	20.9	14	8	21	−2	67	0
	399	NAG HAMÂDI	00	0	7	00	0	0	—	19.5	13	11	23	−2	88	0
	402	QENA	270	1	7	00	0	0	—	19.0	15	7	24	−2	59	0
	405	LUXOR (A)	170	6	12	02	0	0	—	18.3	14	3	24		48	0
	414	ASWAN	00	0	50	00	0	0	—	17.5	19	7	23	−3	46	0
	417	SIWA	00	0	15	02	1	0	—	23.6	14	10	20	−2	77	0
	420	BAHARÎYA	360	5	35	00	0	0	—	25.1	14	4	21		52	0
	423	FARAFRA	320	9	15	00	0	0	—	22.6	15	4	20	−4	48	0
	432	DAKHLA	40	4	15	00	0	0	—	19.3	16	5	22	−3	49	0
	435	KHARGA	360	9	15	01	0	0	—	22.4	14	8	20	−3	67	0
	450	SUEZ	40	5	35	01	1	0	—	19.8	15	7	24	0	59	0
	459	TÛR														
	462	HURGHADA														
	465	QUSEIR	330	9	15	02	0	0	—	18.2	20	8	21	−4	46	0
	641	PORT SUDAN														
	600	WADI HALFA														
	640	ABU HAMAD														
	660	KAREIMA														
	680	ATBARA														
	721	KHARTOÛM														
	730	KASSALA														
	751	WÂD MEDANI														
	801	RENK														
	802	ROSEIRES														
	771	EL OBEID														
	780	EL FASHER														
	770	GENEINA														
	840	MALAKÂL														
	880	WÂU														
	941	JUBA														

RETARDS — DATE

At 0600 on WEDNESDAY 9th DECEMBER 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	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall mms. Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
	62300	SALLOUM	40	9	15	03	2	8	Cu, Sc	26.6	+9.2	17	9	11	0	60	0	174	
	309	SIDI BARRANI	30	11	14	02	2	5	Cu	26.1		16	10	16		68	0	70	
	306	MATRUH (A)	10	11	18	01	2	4	Cu	25.8	+7.6	16	12	15		77	0	48	
	309	EL DAB'AA	40	8	15	01	1	2	Cu	24.6		16	10	14		68	0	65	
	319	ALEXANDRIA	90	2	7	80	5	7	Cb, Sc	25.0	+6.4	16	12	15	+2	77	dr	37	56
	318	ALEXANDRIA (A)	110	4	18	02	2	7	Cu, Sc	24.5	+6.6	15	13	11	−1	88	0	35	44
	330	DAMIETTA	10	5	15	03	0	2	Cu	24.3	+6.5	16	10	13	+1	68	0	68	37
	333	PORT SAÏD (A)																39	
	336	EL 'ARISH	00	0	18	03	1	4	Cu	22.3	+3.7	11	9	10		88	0	34	
	339	DAMANHÛR	40	6	7	02	1	1	Cu	24.2	+5.6	13	11	10	−1	88	0	8	21
	342	MANSÛRA	40	2	15	00	0	0		24.4	+6.1	13	9	11	0	77	0	12	11
	348	TANTA	40	2	25	01	1	3	Cu	24.0	+5.1	13	9	8	−1	77	0	18	9
	360	SHEBÎN EL KÔM	340	2	15	01	0	2	Cu	23.5	+4.7	13	9	8		77	0	14	
	364	ZAGAZIG	00	0	15	02	0	0	—	24.3	+5.4	10	8	9	0	88	0	7	7
	441	ISMA'ILIA	20	2	35	01	0	0	—	23.4		12	10	8		88	0	20	
	368	CAIRO (A)	90	5	12	01	8	5	Sc	24.0		13	11	10		88	dr	6	
	372	CAIRO ALMAZA (A)	20	3	12	01	2	4	Sc	23.6	+5.0	12	10	10	−1	88	dr	5	
	374	CAIRO EZBEKÎYA	340	4	8	00	1	0	—	24.0	+5.4	12	9	10	−1	82	0	1	5
	375	GIZA	340	4	8	00	1	0	—	23.9	+5.2	11	8	7	−2	82	0	1	7
	378	HELWAN	360	13	7	01	1	1	Cu, Sc	23.9	+4.8	14	10	12	+1	77	0	3	5
	381	FAYOÛM																1	0
	387	MINYA (A)	350	7	8	01	0	0	—	23.0	+4.0	10	8	7	−1	88	0	dr	
	393	ASYOÛT (A)	20	3	6	10	0	0	—	22.4	+3.1	10	8	7	−2	88	0	0	
	399	NAG HAMÂDI	00	0	7	00	0	0	—	20.2	+7.1	11	7	6	−2	77	0	0	
	402	QENA	320	2	35	00	0	0	—	20.0	+1.7	13	7	7	−3	67	0	0	
	405	LUXOR (A)	00	0	35	01	0	0	—	19.1	+1.0	9	2	4		62	0	0	
	414	ASWAN	340	6	50	00	0	0	—	19.5	+1.5	13	9	8	−5	77	0	0	
	417	SIWA	350	4	18	02	0	0	—	26.1	+6.2	13	9	10	+4	77	0	dr	2
	420	BAHARÎYA	00	0	35	02	0	0	—	24.6	+4.8	12	8	10	+3	77	0	0.5	3
	423	FARAFRA	20	8	35	03	1	5	Sc	25.0		10	6	8		76	0	0	
	432	DAKHLA	340	9	50	03	0	2	Sc	24.2	+4.7	13	7	10	+2	67	0	0	
	435	KHARGA	40	1	35	00	0	0	—	20.6	+1.8	13	7	9	0	67	0	0	
	450	SUEZ	360	3	35	00	0	1	Sc	23.6	+5.6	13	9	8	−4	77	0	14	6
	459	TÛR	40	2	35	01	1	0	—	21.1	+3.9	11		6	−5		0	0	4
	462	HURGHADA																0	
	465	QUSEIR	360	9	15	02	0	0	—	17.9	+0.8	17	7	15	−3	52	0	0	4
	641	PORT SUDAN																	
	600	WADI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	ATBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh		Alex A.P.		Almaza		Minya		Asyout		Aswan		Siwa		Farafra		Dakhla		Kharga		Kurghada	
DATE	9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12		9-12	
TIME	14		14		13 45		14		14		14		14		14		14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m.	20	13	320	12			360	29	10	20	350	8	30	19	30	11	360	18	20	17	340	19
600 m.	20	15	330	13	30	27	360	26	10	19	350	9	30	22	20	17	360	17	20	22	330	23
1000 m.	10	10	330	11	40	24	10	28	350	19	350	10	30	21	30	23	20	12	20	23	320	24
1500 m.			350	15	30	26	350	18	20	19	360	13	40	23	20	17	10	22	30	23	340	12
2100 m.			340	16	20	24			20	27			40	14	30	20					350	14
2400 m.			340	13	10	26							40	15	30	20					10	10
3000 m.													40	16	20	25					360	17
4000 m.																					360	20
5000 m.																						
6000 m.																						

STATION	Matruh		P Said		Minya		Asyout														Kurghada	
DATE	10-12		10-12		10-12		10-12														10-12	
TIME	03		04		02		02														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.	360	13	30	12	350	8	350	16													320	12
600 m.	360	13	40	12	350	9	360	29													10	5
1000 m.	350	8	40	14	360	10	10	23													40	10
1500 m.			60	10	350	12	360	21													50	9
2100 m.																					30	10
2400 m.																					50	9
3000 m.																					20	11
4000 m.																					340	16
5000 m.																						
6000 m.																						

STATION	Matruh		Almaza		Helwan		Minya		Asyout		Luxor		Siwa		Bahariya		Dakhla		Farafra		Kharga	
DATE	10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12		10-12	
TIME	08		08		07		08		08		0830		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.	10	7	40	8	10	10	30	6	350	12	360	1	20	16	40	20	20	15	30	23	20	12
600 m.	10	8	30	17	20	17	30	8	10	8	20	5	40	20	30	26	20	20	20	4	30	14
1000 m.			60	13	40	17	40	22	80	8	60	19	40	14	20	21	20	18	30	11	30	22
1500 m.			40	13			30	13	80	9	60	10	20	14	10	15	30	21	30	18	20	7
2100 m.			30	17					40	16	50	5	10	12	10	17	30	17	30	22	20	2
2400 m.			10	9					60	16	60	9	10	8					30	21	20	15
3000 m.			350	10					40	12	70	9	30	9								
4000 m.			320	17					40	8			360	14								
5000 m.			340	15					340	13												
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

STATION	Cairo A.P.																					
DATE	9-12																					
TIME	15																					
	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface	70	16		30	24																			
1000 mb.	196	16		30	24																			
950 mb.																								
900 mb.																								
850 mb.	1541	3		40	17																			
800 mb.																								
700 mb.	3107	1		10	24																			
600 mb.																								
500 mb.	5720	-17		10	29																			
400 mb.	7354	-29		10	19																			
300 mb.	9339	-45		340	32																			
200 mb.	11960	-56																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Thursday 10th December 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 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 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	
43	" " not " preceding hour	
44	" " discernible no change during preceding hour	
45	" " not "	
46	" " discernible has begun or become thicker	
47	" " not " during last hour	
48	" depositing rime, sky discernible	
49	" " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	
52	" " " intermittent	moderate
53	" " " continuous	
54	" " " intermittent	thick
55	" " " continuous	
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	
62	" " " intermittent	moderate
63	" " " continuous	
64	" " " intermittent	heavy
65	" " " continuous	
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	
72	Intermittent " " "	moderate
73	Continuous " " "	
74	Intermittent " " "	heavy
75	Continuous " " "	
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	" or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or	slight
90	rain and snow mixed not with thunder	moderate
91	Slight rain	Thunderstorm 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 غد :

Moderate northeasterly winds fresh at times, with mild weather رياح شمالية شرقية معتدلة تنشط أحيانا، والطقس معتدل نهارا

by day and cold by night. Some low clouds in the North. باردة ليلا. بعض سحب منخفضة في الشمال.

In Upper Egypt weather rather mild and clear in general. أما في الصعيد فالطقس مائل للدفء، والسماء صحو بوجه عام.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunrise 04 40 U.T. / Sunset 14 56 U.T.]

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

At 1200 on WEDNESDAY 9th DECEMBER 1953

WIND DIRECTION Deg.	WIND VELOCITY IN KNOTS	PAST WEATHER W	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	7	02	2	5	Cu, Se	25.9	18	8	52
30	12	02	0	4	Cu	25.6	18	10	60
360	6	02	0	2	Cu	25.3	18	14	78
20	5	01	1	3	Cu	23.3	19	7	46
20	11	01	2	4	Cu	23.5	19	12	64
50	13	02	1	5	Cu	23.6	19	10	56
360	9	03	1	3	Cu	23.3	17	9	60
30	18	03	0	5	Sc	23.1	18	11	64
00	0	03	0	1	Cu	21.4	21	11	53
40	13	02	1	3	Cu	23.5	10	9	5[illegible]
20	5	01	1	3	Cu	23.6	20	8	46
360	10	03	2	5	Cu	22.3	19	9	52
20	9	01	1	3	Cu	22.6	19	7	46
40	2	02	1	3	Cu	22.4	19	9	52
40	6	03	1	6	Cb	21.9	19	7	46
40	20	03	1	5	Cu, Se	22.3	19	6	43
20	20	03	1	4	Cu, Sc	21.9	19	7	46
30	9	03	0	4	Cu, Sc	21.7	21	6	38
30	9	03	0	4	Cu, Sc	22.0	20	6	41
360	18	03	1	4	Cu	22.0	19	4	37
360	9	00	1	2	Cu, Se	21.6	20	6	41
360	17	02	1	1	Cu	20.7	21	9	47
340	8	01	0	0	—	19.8	21	4	33
290	4	00	0	0	—	18.4	20	6	41
270	1	00	0	0	—	17.7	22	9	44
340	6	00	0	0	—	16.4	22	9	44
20	3	02	1	3	Cu	22.3	20	11	56
40	15	02	1	6	Se	22.8	20	3	33
360	9	00	0	0	—	21.4	19	4	37
20	5	00	0	0	—	18.3	21	7	41
360	13	03	0	3	Cu	20.6	19	7	46
310	13	01	1	0	—	19.5	22	9	44
330	6	02	0	0	—	18.1	20	10	53
360	13	02	0	0	—	17.2	21	10	50

At 1800 on WEDNESDAY 9th DECEMBER 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	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	7	15	01	1	3	Cu	27.0	17	7	18	-4	52	0
30	11	14	02	0	1	Sc	26.7	18	7	18		56	0
360	12	11	01	1	1	Sc	26.4	15	11	18		77	0
20	7	7	01	1	3	Cu	25.8	16	5	19		49	0
40	11	35	01	1	0	—	24.8	16	8	20	-1	59	0
50	5	12	02	1	2	Sc	24.8	12	9	20	-1	82	0
360	5	7	01	1	1	Cu	24.6	15	9	17	-4	68	0
20	8	14	01	0	1	Sc	25.0	16	7	19	-2	56	0
20	3	15	02	1	0	—	23.9		8	20	-2		0
40	15	33	00	0	5	Se	24.6	14	5	20		55	0
360	9	15	00	0	0	—	21.9	16	5	21	-3	49	0
20	5	41	00	0	0	—	19.1	16	8	21	-4	59	0
360	13	35	01	0	1	—	18.7	19	8	23	-1	49	0
310	13	35	01	1	0	—	18.3	15	7	20	-3	59	0
330	6	12	02	0	0	—	18.2	19	7	21	-4	46	0
360	13	15	02	0	0	—	18.0	19	7	23	-3	46	0
360	13	15	02	0	0	—	22.4	14	6	21	-2	59	0
360	17	10	02	0	0	—	21.0	13	6	22	-1	63	0
340	8	10	02	0	0	—	18.3	13	7	23	-2	67	0
290	4	7	00	0	0	—	18.3	15	7	23	-3	59	0
270	1	7	00	0	0	—	18.2	14	5	23		55	0
340	6	50	00	0	0	—	18.0	19	7	23	-3	46	0

At 0600 on THURSDAY 10th DECEMBER 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	62800	SALLOUM	320	9	15	03	2	1	Sc	26.6	+9.2	14	8	11	0	67	0	174	
	308	SÎDI BARRÂNI	200	3	13	02	2	7	Sc	26.6		14	9	14		72	0	70	
	306	MATRÛH (A)	340	10	15	02	1	5	Cu, Ac	26.6	+8.4	15	11	14	+3	77	0	48	
	308	EL DABʿAA	220	3	15	01	1	3	Cu	26.3		13	9	8		77	0	65	
	319	ALEXANDRIA	90	5	15	03	0	2	Cu, As	26.2	+7.6	15	9	12	-1	68	6	37	55
	318	ALEXANDRIA (A)	40	2	18	01	1	1	Sc	25.7	+7.8	12	9	9	-3	82	0	35	45
	330	DAMIETTA	20	2		03	1	7	Cu	25.8	+8.0	15	9	13	+2	68	0	68	28
	333	PORT SAÏD (A)	40	12	11	03	0	3	Sc	25.5	+7.7	16	9	14	-1	64	0	39	
	338	EL ʿARISH																34	
LOWER EGYPT	339	DAMANHÛR	40	9	7	02	1	2	Cu	25.2	+6.6	11	7	8	-2	77	0	8	22
	342	MANSÛRA	40	2	15	03	2	6	Sc, Cu	25.6	+7.2	13	8	10	0	72	0	12	12
	348	TANTA	90	3	35	03	2	5	Cu	25.4	+6.4	12	8	11	-5	77	0	18	9
	360	SHEBIN EL KÔM	340	2	15	00	0	0	—	25.7	+6.9	12	5	7		63	0	14	
	354	ZAGAZIG	00	0	15	02	1	0	—	25.4	+6.5	11	7	9	0	77	0	7	7
	441	ISMAILÍA	20	2	35	01	0	0	—	25.0		12	5	9		63	0	20	
CAIRO AREA	366	CAIRO (A)	40	9	12	03	1	4	Sc	25.6		11	7	10		77	0	6	
	372	CAIRO ALMAZA (A)	40	6	12	01	1	0	—	25.1	+6.5	11	3	10	-1	58	0	3	
	374	CAIRO EZBEKÍYA	00	0	8	00	1	0	—	25.2	+6.5	11	7	10	-1	77	0	1	5
	375	GIZA	00	0	8	00	1	0	—	24.8	+6.0	12	6	7	-1	67	0	1	7
	378	HELWAN	20	6	7	01	1	3	Sc	25.5	+6.3	12	5	11	0	63	0	3	5
UPPER EGYPT	381	FAYOUM	360	9	35	02	0	0	—	25.0	+5.8	12	5	9	0	63	0	1	0
	387	MINYA (A)	10	11	8	02	0	0	—	24.6	+5.6	11	7	7	-1	77	0	dr	
	393	ASYOÛT (A)	270	3	8	02	0	0	—	23.5	+4.1	9	6	6	-3	82	0	0	
	399	NAG HAMÂDI	00	0	7	00	0	0	—	21.9	+3.7	11	7	6	-2	77	0	0	
	402	QENA	320	1	35	00	0	0	—	21.6	+3.2	11	7	5	-5	77	0	0	
	405	LUXOR (A)	00	0	30	02	0	0	—	21.7	+3.5	8	2	4		66	0	0	
	414	ASWÂN	20	6	50	00	0	0	—	21.5	+3.4	13	9	8	-5	77	0	0	
OASES	417	SÎWA	260	3	18	03	0	2	Sc	26.5	+6.6	9	6	6	0	82	0	dr	2
	420	BAHARÎYA	00	0	35	02	1	2	Ac	25.9	+6.0	10	8	8	+1	88	0	0.5	3
	423	FARAFRA	00	0	35	00	0	0	—	25.5		8	6	5		88	0	0	
	432	DAKHLA	20	9	50	00	0	0	—	24.2	+4.6	13	4	10	+2	55	0	0	
	435	KHARGA	360	1	15	00	0	0	—	22.0	+3.1	12	5	8	-1	63	0	0	
RED SEA	450	SUEZ	310	4	35	00	0	0	—	25.0	+7.0	10	6	7	-5	76	0	14	7
	459	TÛR	40	5	35	01	1	0	—	22.4	+5.1	12	6	7	-4	67	0	0	4
	462	HURGHADA	250	3	18	02	0	1	Cu	21		13	6	10	-3	63	0	0	
	465	QUSEIR	360	13	15	02	0	0	—	2[illegible]	+3.[illegible]	17	7	15	-2	52	0	0	4
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI 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. SUDAN	840	MALAKÂL																	
	880	WAU																	
	941	JUBA																	

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	MINYA		ASYOUT		ASWAN		FARAFRA		DAKHLA		KHARGA		HURGHADA	
DATE	10 Ck		10 Ck		10 Ck		10 Ck		10 Ck		10 Ck		10 Ck	
TIME	14		14		14		14		14		14		14 30	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m	350	23	350	6	340	10	10	22	360	21	20	10	340	15
600 m	10	24	10	9	340	7	10	22	360	24	20	10	340	17
1000 m	40	16	10	10	20	8	10	26	360	24	20	10	320	16
1500 m	50	9	60	6	50	10	20	28			40	7	360	9
2000 m	20	6	60	7	50	9	10	13			20	12	30	6
2400 m	360	8	40	12	70	12	10	21						
3000 m			10	8										
4000 m														
5000 m														
6000 m														

STATION	P. SAID		MINYA		ASYOUT									
DATE	11 Ck		11 Ck		11 Ck									
TIME	2		2		2									
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m	20	11	360	10	340	10								
600 m	20	12	350	13	10	14								
1000 m	20	12	360	2	340	10								
1500 m	20	20	360	9	350	12								
2000 m	20	23			320	9								
2400 m	10	16			310	6								
3000 m														
4000 m														
5000 m														
6000 m														

STATION	ALEX. A.P.		P. SAID		ELARISH		ALMAZA		MINYA		ASYOUT		BAHARIA		FARAFRA		DAKHLA		KHARGA		HURGHADA	
DATE	11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck		11 Ck	
TIME	8		8		8		8		8		8		8		8		8		8		8	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
500 m	310	1	40	12	190	4	170	5	360	12	320	9	360	9	40	5	10	13	10	20	330	16
600 m	20	10	20	16	40	2	10	15	360	24	360	10	360	8	30	11	40	13	20	21	330	11
1000 m	10	14	40	9	20	5			20	31	350	20	20	9	10	21	40	13	20	14	330	3
1500 m	320	13	30	17	40	2			360	33	340	11	10	12	10	30	30	13	10	13	280	6
2000 m	330	11	10	14	240	4							10	19					350	10	260	7
2400 m	330	14	10	12									10	19					340	11	290	14
3000 m																					280	12
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	CAIRO A.P.				
DATE	10 Ck				
TIME	1500				
	ALT	TEMP	HUM	WIND DIR	WIND SPEED
Surface	70	16		40	21
1000 mb	205	15		40	21
950 mb					
900 mb					
850 mb	1558	8		40	10
800 mb					
700 mb	3146	4		310	6
600 mb					
500 mb	5783	-16		340	21
400 mb	7423	-30		320	23
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

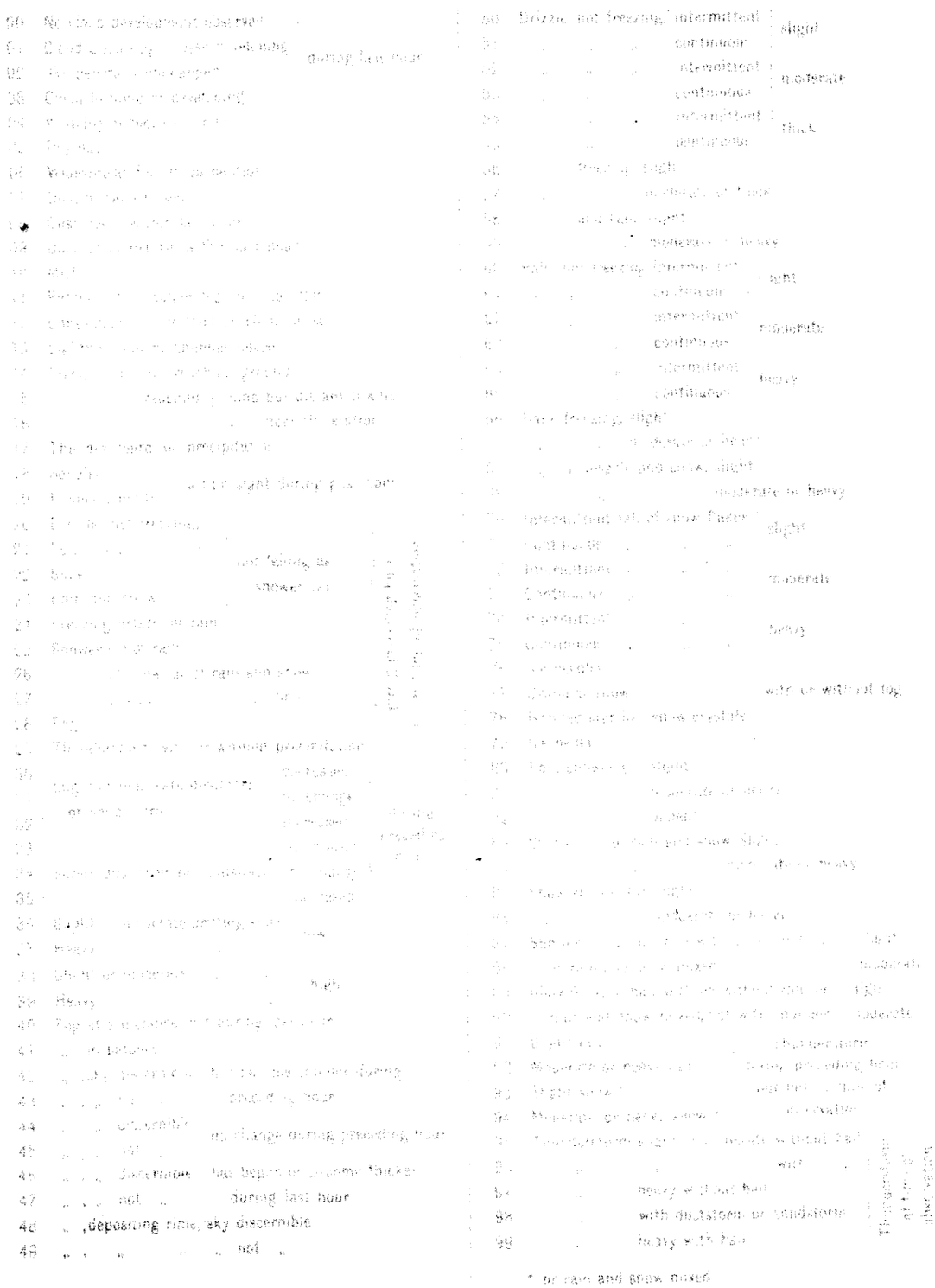
THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 11th DECEMBER, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"



* 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 :*
Cold weather continues with moderate northeasterly winds. Low clouds develop occasionally over the coastal area with possibility of light rain. No appreciable change in Upper Egypt.

من ظهر اليوم الى ظهر الغد
يظل الطقس باردا مع رياح شمالية شرقية معتدلة
وتظهر السحب المنخفضة متفرقة أحيانا قرب الساحل حيث
تحتمل سقوط مطر خفيف هناك - أما في الصعيد فلا
تغيير يذكر في حالة الطقس

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

SYNOPTIC SURFACE OBSERVATIONS

04 41
14 56

All times given are G.M.T. (Two hours earlier than local time)

1200 Z THURSDAY 10th DECEMBER 1953 — 1600 Z THURSDAY 10th DECEMBER 1953

Area	Index Number	Station	Wind: Direction (tens of degrees)	Wind: Velocity (knots)	Wind: Character	Wind: Instrument	Present Weather	Past Weather	Clouds: Amount	Clouds: Forms	Barometer: Reduced to M.S.L. (millibars and tenths)	Temperatures °C: Dry Bulb	Temperatures °C: Wet Bulb	Temperatures °C: Max. Shade	Temperatures °C: Min. Grass	Relative Humidity (%)	Rain past 24 hrs (mms)
			40	4	35	03	2	8	Cu, Sc	25.5	17	9	60	320	7	15	01	1	3	Ac	25.8	15	9	17	-4	68	0.2
			40	6	15	02	2	7	Cu, Sc	25.0	18	8	52	220	2	14	02	2	8	Sc	25.6	14	10	18		77	0
			360	6	18	02	2	7	Cu, Sc	25.3	17	12	72														
			140	2	35	03	2	7	Cu, Sc	24.9	18	10	60	320	1	7	56	5	8	Sc	25.4	15	11	19		77	do
			20	12	50	01	0	0	—	24.4	18	6	46	00	0	35	03	0	1	Cu	24.7	15	9	19	-2	68	0
			70	9	18	01	0	0	—	24.5	19	5	40	60	2	12	01	0	0	—	24.9	12	8	19	-2	77	0
			20	5	35	01	1	4	Cu	23.8	17	7	52	20	5		01	1	2	Cu	24.8	15	9	17	-4	68	0
			20	14	30	01	1	2	Sc	23.7	17	9	60	10	10	18	02	0	1	Sc	24.6	15	9	19	-1	68	0
			40	9	15	02	1	1	Cu	24.3	19	4	37	40	9	7	02	0	0	—	24.7	13	9	20	-2*	77	0
			360	5	35	01	1	3	Cu	24.2	19	7	46	40	2	7	00	1	0	—	24.8	13	7	19	-3	67	0
			90	6	35	01	1	2	Cu	23.6	18	8	52	40	2	35	02	0	0	—	24.2	11	7	20	-2	77	0
			40	9	35	01	1	3	Cu	24.0	18	8	52	20	2	15	00	0	0	—	24.2	12	8	19		77	0
			00	0	35	02	1	3	Cu	23.4	20	8	46	00	0	15	02	1	0	—	24.9	13	9	21	-1	77	0
			40	5	35	01	0	0	—	22.8	18	6	46	360	2	35	01	0	0	—	23.9	13	7	19		67	0
			70	19	18	02	1	2	Cu	23.3	18	8	52	70	9	12	01	0	0	—	24.7	13	7	19		67	0
			20	11	30	03	0	1	Cu	22.7	18	7	49	20	10	12	01	0	0	—	24.2	12	7	18	-4	72	0
			20	6	18	00	0	0	—	22.5	19	7	46	30	4	10	00	0	0	—	24.2	13	9	19	-3	77	0
			20	6	18	00	0	0	—	22.8	19	7	46	30	4	10	00	0	0	—	24.3	14	7	19	-2	63	0
			20	12	35	02	0	0	—	22.8	18	3	37	360	14	7	02	0	0	—	24.4	13	6	18	-3	63	0
			360	6	35	02	0	0	—	21.8	19	4	37	360	4	35	02	0	0	—	24.3	14	8	20	-3	67	0
			20	10	10	02	0	0	—	21.8	20	7	43	360	6	9	02	0	0	—	22.6	11	7	21	-2	77	0
			60	2	18	03	0	1	Cu	20.5	20	1	28	260	3	8	00	1	0	—	21.6	12	6	21	-2	67	0
			00	0	15	00	0	0	—	18.8	21	10	50	00	0	7	00	0	0	—	20.3	13	9	22	-3	77	0
			270	1	50	00	0	0	—	18.8	23	8	38	270	2	7	00	0	0	—	19.8	15	4	24	-1	48	0
			30	8	30	02	0	0	—	18.4	22	7	38														
			340	3	50	00	0	0	—	17.4	23	12	50	30	3	50	00	0	0	—	19.0	19	7	24	-2	46	0
			00	0	18	02	0	2	Cu	25.2	21	6	38														
			20	2	35	02	1	2	Ac, Ci	23.4	18	10	60	360	1	15	02	1	0	—	24.6	13	9	19	-3	77	1
			20	12	35	03	0	4	Ci	24.0	19	4	37	00	0	15	00	1	1	—	24.7	12	3	19		55	0
			340	9	35	01	1	3	Ci	21.9	18	3	34														
			360	1	15	00	0	0	—	19.6	20	3	33														
			360	7	50	02	0	0	—	22.6	18	6	46	360	9	15	02	3	0	—	23.5	12	5	19	-3	63	1
			220	5	35	01	1	0	—	21.5	22	6	36	40	3	35	01	1	1	—	21.4	14	9	23	0	48	0
			00	0	30	02	0	1	Cu	20.1	19	9	49	300	9	10	02	0	0	—	20.4	17	9	20	-3	60	0
			360	9	15	02	0	0	—	19.2	21	12	57	310	6	15	02	0	0	—	20.0	19	7	21	-4	52	0

0600 Z FRIDAY 11th DECEMBER 1953

Area	Index Number	Station	Wind: Direction (tens of degrees)	Wind: Velocity (knots)	Present Weather	Past Weather	Clouds: Amount	Clouds: Forms	Barometer: Reduced to M.S.L. (millibars and tenths)	Temperatures °C: Dry Bulb	Temperatures °C: Wet Bulb	Temperatures °C: Max. Shade	Temperatures °C: Min. Grass	Relative Humidity (%)	Rain past 24 hrs (mms)
			270	7	15	03	2	6	Ac	25.0	+7.6	13	7	11	0	67	0.2
			330	5	14	02	2	5	Cu	24.6		16	9	14		64	0
			230	6	14	01	6	8	St	24.7	+6.5	13		12		72	0.3
			20	5	15	03	2	7	St	24.1		16	8	12		59	do
			130	5	35	03	0	6	Cu, Sc	24.2	+5.6	13	9	13	0	77	0
			220	3	10	25	8	7	Cu, Sc	24.0	+6.1	13	9	10	-2	77	dr
			360	2	15	02	1	2	Cu	23.1	+5.3	15	9	12	+1	68	0
			40	12	14	01	0	2	Sc, Ac	22.7	+4.8	16	9	14	0	64	0
			310	13	7	02	2	8	Ac	23.3	+4.7	12	8	8	-2	77	0
			320	2	15	00	0	0	—	23.5	+5.1	11	7	9	-1	77	0
			310	2	35	03	2	7	Cu	23.6	+4.6	12	8	5	-4	77	0
			340	2	15	01	1	2	Cu	23.6	+4.7	10	6	6		76	0
			220	4	5	10	0	0	—	24.2		10	5	5		71	0
			250	1	12	00	0	0	—	23.5	+4.8	10	7	8	-3	82	0
	314		00	0	8	01	1	1	Ac	23.6	+4.8	13	7	9	-2	67	0
	315		00	0	8	01	1	1	Ac	23.6	+4.8	7	5	4	-4	87	0
			360	8	15	10	4	0	—	23.8	+4.6	9	4	7	-4	71	0
			00	0	35	02	0	0	—	23.9	+4.7	11	7	6	-3	77	0
			290	1	7	00	0	0	—	21.8	+3.5	10	3	6	-2	62	0
			320	4	35	00	0	0	—	21.6	+3.2	12	5	5	-5	63	0
			00	0	30	02	0	0	—	21.2	+2.9	11	2	2		54	0
			20	3	50	00	0	0	—	21.1	+2.9	13	9	10	-2	77	0
			00	0	18	01	0	0	—	25.5	+5.6	10	6	9	+3	76	0
			00	0	35	02	1	2	Cu	24.8	+4.9	10	6	4	-3	76	0
			00	0	35	00	0	0	—	24.8		9	2	5		62	0
			40	3	35	00	0	1	Sc	23.4	+5.3	8	6	5	-7	88	0
			40	2	35	01	1	0	—	20.4	+3.1	10	5	6	-5	71	0
			240	3	18	02	0	2	Cu, Ci	20.2	+3.5	14	0	9	-4	39	0

Area	Index Number	Station
	693	SALOUM
	300	SIDI BARRANI
	302	MATRUH (A)
	303	EL BARAM
	319	ALEXANDRIA
	312	ALEXANDRIA (A)
	361	DAMIETTA
	353	PORT SAID (A)
	338	EL ARISH
	369	DAMANHUR
	360	WARDAN
	356	CAIRO
	357	HELIOPOLIS
	358	ABBASSIA
	359	CAIRO (A)
	366	SHIBIN EL KOM
	334	KASFRET
	335	ABU SUEIR
	336	ISMAILIA
	337	SUEZ
	339	PORT TEWFIK
	340	SHALUFA
	341	ISMAILIA (A)
	342	EL FERDAN
	343	MERSA MATRUH
	344	ADABIYA
	345	ABU SUEIR (A)
	346	RAS EL BARR
	347	DAMIETTA (A)
	348	MANSURA
	349	MANSURA (A)
	350	ZAGAZIG
	351	ZAGAZIG (A)
	352	BENHA
	354	BENHA (A)
	355	TANTA
	363	TANTA (A)
	364	KAFR EL ZAYAT
	365	KAFR EL ZAYAT (A)
	367	BILBEIS
	368	BILBEIS (A)
	370	ZAGORA
	371	ZAGORA (A)
	372	ABU ZENIMA
	373	ABU ZENIMA (A)
	374	RAS SUDR
	375	RAS SUDR (A)
	376	TOR
	377	TOR (A)
	378	WADI HALFA
	379	ABU HAMAD
	380	KARIMA
	381	ATBARA
	721	KHARTOUM
	720	KASSALA
	751	WAD MEDANI
	801	HELIA
	802	ROSEIRES
	721	EL OBEID
	780	EL FASHER
	770	GENEINA
	840	MALAKAL
	840	WAU
	841	JUBA

RETARDS

DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Matruh 11-12 14		Alex A.P. 11-12 14		Minya 11-12 14		Asyout 11-12 14		Luxor 11-12 14		Aswan 11-12 14		Siwa 11-12 14		Farafra 11-12 14		Dakhla 11-12 14		Kharga 11-12 14		Hurghada 11-12 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
350	5	320	9	350	19	340	18	300	8	340	9	340	21	10	13	350	25	10	13	330	32
340	6	300	14	360	23	350	13	310	10	350	9	340	23	10	16	360	29	20	17	330	30
		310	12	360	21	320	26	330	4	350	7	350	21	10	16	360	33	20	17	310	16
		310	16	10	20	360	25	320	13	350	10	350	15	350	11	20	29	360	10	290	19
						310	20	310	10			10	10					340	9	270	14
								320	5			40	13							280	20
								290	10			40	13								
												360	18								

P. Said 12-12 02		Minya 12-12 02		Asyout 12-12 02		Luxor 12-12 02 15		El Arish 12-12 04	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
360	20	350	20	160	16	340	9	340	6
360	12	340	24	360	25	360	19	340	6
360	13	350	25	360	24	360	23	350	4
360	13	330	26	350	36	340	15	30	4
				350	33	300	13		
						320	13		

Matruh 12-12 08		Alex A.P. 12-12 08		Almaza 12-12 08		Minya 12-12 08		Asyout 12-12 08		Baharya 12-12 08		Farafra 12-12 05		Dakhla 12-12 08		Kharga 12-12 08		Hurghada 12-12 08		Helwan 12-12 07 30	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
10	7	150	4	30	6	340	10	320	8	340	26	350	8	350	8	30	10	330	32	230	2
350	8	130	5	20	15	340	17	340	20	340	29	350	8	360	12	20	24	320	35	10	12
350	7	60	7	20	10	320	24	350	20	340	49	340	11	350	19	20	29	340	10	10	17
		20	10	10	18	360	29			340	22			360	28	10	28	260	4	360	15
														360	29						
														350	27						

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

ALT	TEMP	HUM	WIND DIR	WIND SPEED	ALT	TEMP	HUM	WIND DIR	WIND SPEED	ALT	TEMP	HUM	WIND DIR	WIND SPEED	ALT	TEMP	HUM	WIND DIR	WIND SPEED

REMARKS :

1. Wind direction is in whole degrees east of 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 12th December 3

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST From noon today to noon tomorrow:

Weather still cool, with moderate winds mainly northerly. Low clouds increasing later especially near the Coast where light rain falls there and in some places inland. No appreciable change in Upper Egypt.

من ظهر اليوم الى ظهر غد:

يستمر الطقس باردا مع رياح أغلبها شمالية معتدلة وتتكاثر السحب المنخفضة خاصة قرب الساحل حيث يسقط مطر خفيف هناك وفي أنحاء متفرقة في الداخل. أما في الصعيد فلا تغير يذكر في حالة الطقس.

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

CAIRO 04 41
14 56

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FRIDAY 11th DECEMBER 1953 — FRIDAY 11th DECEMBER 1953

360	7	35	01	1	3	Cu, Ac	24.2	18	8	52	270	7	15	03	2	6	Sc	24.4	16	8	19	-2	59	0	
330	7	18	02	2	5	Cu, Ac	23.7	17	10	64	360	7	14	01	2	3	Cu, Ac, Cs	24.4	16	8	19		59	0	
360	7	18	03	6	7	Sc, Cu	23.9	17	13	77	360	10	10	02	2	5	Sc, Cu	24.1	15	10	18		72	0.1	
											340	6	7	01	1	2	Cu	23.0	15	7	18		59	0	
270	5	35	01	1	4	Sc, Ac	23.3	18	16	88	300	19	35	03	1	5	Cu, Sc	22.6	16	10	18	-3	68	0	319
310	9	18	01	8	4	Cu, Sc	22.5	18	10	60	20	12	12	01	2	4	Sc	22.9	15	10	19	-2	72	dr	
340	5	35	02	1	3	Cu, Ac	21.8	17	9	60	320	5		03	5	6	Cb	23.0	15	11	18	-3	77	dr	
10	10	30	01	0	2	Sc	21.6	17	9	60	10	4	15	02	0	4	Sc	22.3	16	11	19	-1	72	0	
230	9	15	02	1	6	Ac	22.3	16	10	68	310	9	7	02	1	4	Cu	22.6	12	8	18	-4	77	0	
40	5	35	03	2	6	Sc, Cu	21.9	18	8	52	360	2		03	5	8	Sc, Cu	22.8	14	10	19	-3	77	dr	
310	4	35	03	2	8	Cu	22.0	17	9	60	00	0	35	03	2	8	Cu	22.7	13	9	19	-3	77	0	
340	5	35	01	1	4	Cu	21.6	17	9	60	340	2	15	01	1	2	Sc	22.2	12	8	19		77	0	
320	1	35	02	2	7	Cu	21.5	19	9	52	00	0	15	02	1	0	—	22.3	12	10	21	-1	88	0	
320	2	35	03	1	4	Cu	21.6	19	7	46	00	0	35	01	d	0	—	22.0	13	7	20		67	0	
20	6	30	03	1	7	Cu, Ac	22.1	17	8	56	00	0	12	02	1	5	Sc	23.1	13	10	18		82	0	
340	9	30	03	2	7	Cu, Ac	21.5	17	8	56	340	3	12	03	1	6	Sc	22.5	14	9	18	-3	72	0	
20	3	14	03	1	8	Sc, Cu	22.0	19	6	43	00	0	8	01	2	6	Sc	23.0	14	11	19	-3	82	0	374
20	3	14	03	1	8	Sc, Cu	21.6	18	8	52	00	0	8	01	2	6	Sc	22.7	14	9	18	-3	72	0	375
340	12	15	03	1	6	Cu, Sc	21.8	17	4	42	00	0	15	02	1	5	Sc	23.0	14	8	18	-3	67	0	
360	6	35	02	1	3	Cu, Sc	21.6	19	7	46	360	4	35	02	1	4	Cu, Sc	23.1	13	7	19	-4	67	0	
10	15	10	02	0	0	—	21.2	19	7	46	350	3	8	02	1	0	—	23.0	10	5	19	-4	71	0	
											270	2	12	02	0	0	—	22.2	12	6	20	-3	67	0	
290	2	15	00	0	0	—	18.8	19	4	37	220	2	7	00	0	0	—	19.9	13	4	21	-3	55	0	
220	2	50	00	0	0	—	18.3	22	3	29															
270	5	30	02	0	0	—	17.9	22	3	29	180	3	12	02	0	0	—	19.2	12	2	24		51	0	
20	3	50	00	0	0	—	18.2	21	10	50															
310	6	18	03	0	3	Cu, Ac	24.3	20	5	38															
360	2	35	02	1	3	Ac	22.7	18	10	60	360	2	15	02	2	8	Ac	23.6	16	10	19	-3	68	0	
360	12	35	03	1	6	Ac	23.8	19	4	37	250	4	15	01	2	5	Ac	24.7	15	1	20		39	0	
340	11	35	00	0	0	—	22.0	19	4	37															
20	7	7	00	0	0	—	19.8	20	3	33	360	2	15	00	0	0	—	20.7	14	3	20	-5	48	0	
310	9	50	03	0	3	Cu	20.8	18	3	37	360	3		01	0	0	—	22.0	12	5	19	-3	63	0	
310	5	35	01	1	0	—	18.0	18	6	46	310	13	35	01	1	0	—	19.0	17	4	18?	-5	42	0	
320	8	30	02	0	0	—	17.6	18	6	52	290	9	10	02	0	0	—	18.7	17	9	19	-4	60	0	
360	9	15	02	0	0	—	17.9	20	11	56	360	9	15	02	0	0	—	18.8	13	8	20	-5	72	0	

SATURDAY 12th DECEMBER 1953

320	9	15	03	2	6	St	24.4		14	5	11	0	55	0	174	
340	12	14	01	8	4	Cb	23.9		16	8	14		59	0.1	70	
360	6	14	01	1	6	Sc	23.4	+5.2	15	11	13		77	0.6	48	
360	7	15	03	2	6	Sc	22.9		16	8	14		59	0	65	
240	8	7	80	5	7	Cu, Sc	22.8	+4.2	14	12	13	0	89	0.1	37	62
260	10	12	02	2	7	Cu, Sc, Ac	21.9	+4.0	15	10			72	dr	35	47
340	2	15	01	1	1	Cu	21.5	+3.6	15	9	11	0	68	0	118	29
360	12	18	01	8	3	Cu, Sc	21.5	+3.6	16	10	15	+1	68	0.2	39	
00	0	30	03	0	1	Ac	20.6	+1.9	9	4	5		71	0	34	
270	9	7	02	1	2	Ac	22.2	+3.5	12	10	9	-1	88	0	8	23
360	2	15	00	1	0	—	22.2	+3.8	12	10	10	0	88	dr	12	12
00	0	35	03	2	7	Cu	21.8	+2.8	11	11	6	-3	97	0	18	10
340	2	15	01	1	4	Cu	21.5	+2.6	13	11	7		88	0	14	
00	0	15	02	1	6	Cu	22.0	+3.0	10	8	6	-3	88	0	7	8
250	2	15	03	2	8	As	21.5		12	8	8		77	0	20	
220	4	12	03	2	7	Sc	22.6		11	9	9		88	0	6	
00	0	12	03	1	5	Sc	22.1	+3.4	10	9	8	-3	94	0	3	
00	0	4	05	1	4	Ac	22.0	+3.2	10	9	9	-2	94	0	1	6
00	0	4	05	1	4	Ac	22.2	+3.4	9	7	6	-2	88	0	1	7
00	0	7	03	1	2	Ac	22.6	+3.3	10	8	8	-2	88	0	3	5
00	0	35	02	0	0	—	22.7	+3.4	11	9	9	0	88	0	1	1
340	3	8	03	0	1	Ac	22.9	+3.8	9	7	5	-3	88	0	dr	
270	1	14	02	0	0	—	22.4	+2.9	10	7	6	-2	82	0	0	
00	0	7	10	0	0	—	21.1	+2.7	11	7	5	-3	77	0	0	
220	3	35	00	0	0	—	20.7	+2.2	14	5	7	-2	55	0	0	
180	7	30	02	0	0	—	20.5	+2.1	10	4	5		67	0	0	
20	4	50	00	0	0	—	20.6	+2.4	12	10	7	-5	88	0	0	
00	0	18	02	0	0	—	25.1	+5.1	9	7	7	+1	88	0	dr	2
320	2	35	02	1	1	Cu	24.3	+4.3	11	9	6	-1	88	0	0.5	3
00	0	35	00	0	0	—	24.6		9	6	8		82	0	0	
00	0	35	00	0	0	—	24.2	+4.4	10	6	7	0	76	0	0	
00	0	35	00	0	0	—	21.9	+2.9	12	5	8	-1	63	0	0	
360	4	35	00	0	5	Cu	21.8	+3.7	12	8	7	-4	77	0	14	7
310	5	35	01	1	1	Ci	18.8	+1.4	16	3	5?	-6	42	0	0	5
250	6	18	02	0	1	Cu	18.9	+2.2	13	7	10	-2	67	0	0	
330	9	15	02	0	0	—	18.7	+1.4	15	4	14	-3	48	0	0	4

S = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S. Barrani 12-12 14		Alex A.P. 12-12 14		P. Said 12-12 14		Abu Za'ba 12-12 13 30		Minya 12-12 14		Asyout 12-12 14		Luxor 12-12 14 30		Aswan 12-12 14		Dakhla 12-12 14		Kharga 12-12 14		Hurghada 12-12 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
350	14	10	6	10	9	360	14	360	20	330	13	320	13	340	10	350	12	10	15	340	30
340	17	10	11	360	10	360	14	350	17	340	13	330	12	350	11	360	14	20	21	340	35
330	17	350	12	350	11	360	16	350	10	350	16	330	11	350	12	360	12	20	23	330	25
320	17			360	22	350	18			350	20	350	14			350	18	360	23	290	21
340	23			350	16	360	24					360	15			340	16			330	16
330	25			330	13							360	16			330	21				
340	25			320	17											310	19				

Alex A.P. 13-12 02		P. Said 13-12 02		El Arish 13-12 04		Minya 13-12 02		Asyout 13-12 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
340	12	260	6	140	5	360	22	350	12
330	10	270	1	140	2	340	25	20	10
330	11	70	3	40	5	350	21	350	21
				10	8	340	21	340	28
						330	11	340	20

S. Barrani 13-12 08		Helwan 13-12 06 45		Minya 13-12 08		Asyout 13-12 08		Hurghada 13-12 08		Kharga 13-12 08		Dakhla 13-12 08		Kharga 13-12 08	
340	23	140	3	320	9	320	11	330	26	350	16	360	8	10	15
350	19	260	6	340	15	330	10	320	24	350	16	10	17	10	21
340	21	310	14	350	23	350	26			350	10	360	21	10	21
330	17	330	12	350	26					350	16	340	21		
340	22			340	21					330	26	350	23		

Cairo A.P. 12-12 15		
70	17	10 17
180	16	10 17
1530	4	350 13
3014	-5	320 16
5653	-16	210 43
7287	-30	300 45
9277	-44	290 49

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE Sunday 13th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST: From noon today to noon tomorrow:

Moderate NW ly winds, with low clouds increasing near the coast where further rain falls there and in some places inland. Slight decrease in temperature up to Middle Egypt.

No appreciable change in Upper Egypt.

من ظهر اليوم إلى ظهر غد:

رياح شمالية غربية معتدلة وتظهر السحب المنخفضة متكاثرة قرب الساحل حيث يسقط مطر من أخرى يمتد إلى أنحاء متفرقة في الداخل. هذا وتهبط درجة الحرارة قليلا حتى مصر الوسطى. أما في الصعيد الأعلى فلا تغير يذكر في حالة الطقس.

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

SYNOPTIC SURFACE OBSERVATIONS

04 42
14 56

1200 — SATURDAY 12th DECEMBER 1953

WIND DIRECTION	WIND SPEED	VISIBILITY IN 100 YDS	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORMS	SEA LEVEL PRESSURE mb	SEA LEVEL PRESSURE Diff. from normal mb	DRY BULB TEMP °C	DEW POINT °C	MINIMUM TEMP Today °C	MINIMUM TEMP Diff. from normal	RELATIVE HUMIDITY %	RAINFALL Past 24 hrs ins	RAINFALL Total From Oct 1st ins	RAINFALL Normal From Oct 1st ins
350	12	30	02	2	6	Cu	23.0	18	8	52						
330	11	14	02	6	7	Sc	23.0									
340	5	35	02	1	4	Sc	22.1	18	6	46						
240	4	35	01	5	5	Cu,Sc,Ac	21.5	17	9	60						
230	6	18	02	6	6	Cu,Sc	21.2	18	10	60						
340	5	35	03	1	4	Cu	20.7	17	9	60						
20	11	30	01	1	2	Cu,Sc	19.9	17	11	68						
360	3	30	03	1	3	Sc,Cu	19.5	17	6	49						
40	9	15	02	2	7	Cu	21.0	18	8	52						
340	2	35	01	1	2	Cu	20.8	19	7	46						
00	0	35	03	2	5	Cu	20.8	18	8	52						
340	5	35	01	1	4	Cu	20.0	19	7	46						
00	0	35	01	1	4	Cu	20.0	20	8	46						
20	3	35	03	1	5	Cu	19.8	19	7	46						
20	9	18	02	2	5	Cu	21.0	18	7	49						
20	5	18	02	2	6	Cu,Sc	20.3	18	8	52						
20	4	18	03	1	5	Sc,Cu	20.6	20	6	51						
20	4	18	03	1	5	Sc,Cu	20.4	19	7	46						
320	5	3	03	1	4	Cu,Sc	21.0	17	4	42						
360	6	35	02	2	7	Sc	21.1	19	7	46						
350	9	8	03	1	3	Cu	20.9	19	7	46						
340	8	18	02	1	4	Sc	19.9	18	6	46						
340	4	15	00	0	0	—	17.8	21	7	41						
290	2	50	00	0	0	—	17.0	22	3	29						
20	6	50	00	0	0	—	17.5	20	8	46						
310	6	18	02	1	3	Sc	23.7	20	6	41						
320	2	35	02	0	3	Ac	21.8	19	9	52						
360	10	35	03	1	6	Sc	23.1	18	6	46						
340	11	35	01	1	3	Cu	21.8	18	6	46						
20	3	15	01	1	1	Cu	19.6	19	4	37						
360	6	50	01	0	3	Cu	19.6	17	7	52						
310	13	35	01	1	0	—	18.0	20	11	56						
320	12	30	02	0	1	Cu	16.8	18	9	56						
20	9	15	02	0	0	—	17.4	20	8	46						

1800 — SATURDAY 12th DECEMBER 1953

WIND DIRECTION	WIND SPEED	VISIBILITY IN 100 YDS	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORMS	SEA LEVEL PRESSURE mb	SEA LEVEL PRESSURE Diff. from normal mb	DRY BULB TEMP °C	DEW POINT °C	MINIMUM TEMP Today °C	MINIMUM TEMP Diff. from normal	RELATIVE HUMIDITY %	RAINFALL Past 24 hrs ins	RAINFALL Total From Oct 1st ins	RAINFALL Normal From Oct 1st ins
320	7	7	03	2	8	Cu,Sc	24.2	15	7	19	-1		59	0		
320	10	14	02	0	1	Sc	23.5	16	6	18			52	0		
360	13	12	01	2	5	Cu,Ac	23.1	15	9	17			68	1		
360	8	7	03	2	7	Sc	21.9	16	5	18			49	0		
320	19	35	01	8	4	Cu,Sc,Ac	21.5	15	9	18	-3		68	6		
40	2	7	01	1	1	Cu	21.4	14	10	18	-3		77	0		
20	7	14	02	0	1	Sc	21.4	15	8	19	-1		63	0		
310	9	7	02	1	3	Cu	21.5	13	11	19	-3		88	0		
40	2	7	03	2	5	Sc,Cu	21.2	15	9	20	-2		68	0		
00	0	35	03	2	8	Cu	21.1	14	12	20	-2		88	0		
320	2	15	00	0	0	—	20.9	12	10	20			88	0		
00	0	15	02	1	0	—	21.6	12	9	22	0		82	0		
00	0	35	01	0	0	—	21.6	13	7	21			67	0		
70	6	12	02	2	7	Sc	21.7	15	8	19			63	0		
40	3	12	02	1	5	Sc	21.2	14	8	19	-2		67	0		
50	3	8	03	1	6	Sc	21.3	15	7	20	-2		59	0		
50	3	8	03	1	6	Sc	21.1	13	8	20	-1		72	0		
360	7	7	03	2	8	Sc	21.6	14	5	18	-3		55	0		
00	0	35	02	1	3	Sc	21.6	14	8	20	-3		67	0		
360	1	8	01	1	3	Cu	21.0	13	8	20	-2		72	0		
290	4	7	00	0	0	—	19.1	13	7	21	-3		67	0		
270	3	7	00	0	0	—		13	3	23	-2		51	0		
310	1	12	02	0	0	—	18.8	14	6	21			59	0		
00	0	50	00	0	0	—	19.0	17	7	21	-5		52	0		
00	0	15	02	1	1	Cu	23.0	13	11	19	-3		88	0		
360	8	15	01	0	0	—	20.8	14	8	19	-3		67	0		
310	24?	35	01	1	0	—	19.0	17		22	-1			0		
280	7	12	01	0	0	—	17.6	16	6	18	-4		52	0		
360	13	15	02	0	0	—	17.8	19	9	20	-5		52	0		

0600 — SUNDAY 13th DECEMBER 1953

WIND DIRECTION	WIND SPEED	VISIBILITY IN 100 YDS	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT O-8	CLOUD FORMS	SEA LEVEL PRESSURE mb	SEA LEVEL PRESSURE Diff. from normal mb	DRY BULB TEMP °C	DEW POINT °C	MINIMUM TEMP Today °C	MINIMUM TEMP Diff. from normal	RELATIVE HUMIDITY %	RAINFALL Past 24 hrs ins	RAINFALL Total From Oct 1st ins	RAINFALL Normal From Oct 1st ins
320	9	15	03	2	6	Sc	23.5	+6.1	14	8	10	-1	67	dr	174	
350	11	14	02	8	5	Cu	22.6		15	6	12		55	2	72	
350	10	18	02	6	7	Ns	22.0	+3.7	14	10	11		77	2	51	
360	15	15	03	2	6	Sc	21.2		15	9	14		68	0	65	
310	16	35	03	1	5	Cu,Sc,Ac	20.6	+2.0	15	7	13	0	59	6	43	44
330	11	18	03	2	7	Cu,Sc	20.0	+2.0	15	7	14	+2	59	10	45	48
220	2		20	5	7	Sc	19.9	+2.0	13	11	11	0	88	dr	118	29
80	2	18	01	0	1	Sc,Cu	19.2	+0.5	11	5	7		67	0.5	35	
90	2	7	03	6	7	Ns	20.2	+1.7	12	10	11	+1	88	4	16	24 12
00	0	35	03	6	7	Cu	20.0	+1.0	12	12	11	+2	97	dr	18	10
220	2	15	01	1	0	—	19.6	+0.6	12	10	10		88	0	14	
00	0	15	03	1	8	Cu	19.8	+0.7	12	10	10	+1	88	0	7	8
180	1	35	03	1	4	Ac	20.3		11	7	8		77	0	20	
220	7	6	05	1	6	Sc	21.1		12	10	10		88	0	6	
210	4	10	03	2	5	Sc,Cu	21.2	+2.5	11	9	11	0	88	0	3	
00	0	8	02	2	6	Sc,Cu	21.1	+2.2	12	9	10	0	82	dr	1	6
00	0	8	02	2	6	Sc,Cu	21.2	+2.3	10	8	7	-1	88	dr	1	7
00	0	0.35	47	4	0	—	21.4	+2.1	10	8	9	-1	88	0	3	5
00	0	35	02	1	1	Cu,Sc	21.1	+1.8	11	9	9	0	88	0	1	1
360	2	6	03	4	2	Ac	21.5	+2.3	10	9	5	-3	94	0	dr	
260	3	10	01	0	1	Ac	21.1	+1.5	10	7	6	-2	82	0	0	
00	0	7	01	0	0	—	20.5	+2.0	10	6	5	-3	76	0	0	
270	2	35	00	0	0	—	19.1	+0.5	14	5	6	-3	55	0	0	
00	0	50	00	0	0	—	19.4	+1.1	12	10	9	-3	88	0	0	
00	0	15	02	2	6	Cu	22.8	+2.7	10	8	8	+1	88	0	dr	2
270	4	35	00	0	0	—	23.1	+3.2	10	3	7	0	62	0	0.5	3
40	1	35	00	0	0	—	20.0	+0.9	12	5	8	0	63	0	0	
360	4	35	00	0	1	Sc	20.2	+2.0	10	6	6	-5	76	0	0	
40	2	35	01	1	1	Cu	19.8	+2.4	13	7	9	-1	44	0	14	7
260	5	18	02	0	1	Cu	17.6	+0.8	13	6	10	-2	63	0	Rain	5
330	9	15	02	0	0	—	18.3	+1.0	15	4	14	-2	48	0	0	4

374																
375																

* If Sky Obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S. Gurani 13-12 14		P.Said 13-12 14		Minya 13-12 14		Asyout 13-12 14		Luxor 13-12 14 30		Aswan 13-12 14		Sinai 13-12 14		Dakhla 13-12 14		Kharga 13-12 14		Almaza 13-12 14 30	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
340	19	220	7	340	22	330	20	320	14	360	12	350	23	340	13	20	17	310	15
330	16	220	5	340	21	340	20	320	20	360	13	350	24	340	13	20	20	350	12
330	17	210	5	330	20	340	17	330	10	360	15	350	14	340	17	10	23	360	17
350	12	250	5	330	20	330	28	340	19	10	13	340	16	350	20			300	15
		240	6					360	21			340	15	300	25			270	13
		240	6					30	3			360	15						
		260	7									350	30						

P.Said 14-12 04		El-Arish 14-12 04		Minya 14-12 02		Asyout 14-12 02													
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
240	21	210	4	360	14	340	16												
270	17	220	5	350	13	350	22												
270	14	250	3	340	17	340	17												
270	14	320	15	310	6	330	21												

Almaza 14-12 08 15		Helwan 14-12 07 30		Asyout 14-12 08		Bahariya 14-12 08		Farafra 14-12 08		Dakhla 14-12 08		Kharga 14-12 08		Hurghada 14-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
290	20	200	5	310	11	300	14	340	19	340	10	360	6	300	24
300	30	280	8	320	19	300	23	350	12	350	18	360	14	300	11
300	19	290	16	320	21	310	28	340	23	340	19	360	19	300	21
300	19			330	23	320	25	330	22	340	27	360	24	270	19
				310	29	330	27	350	25	330	16			280	16
				310	30					330	27			290	15
														280	26

UPPER AIR OBSERVATIONS

BY RADIOSONDE RADIOWIND

Cairo A.P. 13-12 15

ALT	TEMP	HUM	WIND DIR	WIND SPEED
70	16		330	12
163	16		330	12
1516	4		310	19
3062	-6		300	12
5611	-20		290	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 Monday 14th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST (From noon today to noon tomorrow,

Moderate northerly to westerly winds, fresh at times in Lower Egypt, with some low clouds increasing by day and light showers near the Coast and in some places inland. Temprature remains below normal.

In Upper Egypt clear weather with no change in temperature.

من ظهر اليوم إلى ظهر غد.

رياح بين الشمالية والغربية المعتدلة تنشط أحيانا في الوجه البحري.

هذا ويظهر بعض السحاب المنخفض متكاثرا أثناء النهار في الوجه البحري مع أمطار خفيفة قرب الساحل وفي بعض مناطق متفرقة بالداخل ولا زالت درجة الحرارة دون المعدل

أما في أعالي الصعيد فالجو صحو ولا تغير في درجة الحرارة.

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

SYNOPTIC SURFACE OBSERVATIONS

04 43
14 57

SUNDAY 13th DECEMBER 1953

340	7	35	02	2	5	NS	22.0	17	4	42
330	10	18	02	8	5	Cb	21.6	16	7	56
330	15	18	02	2	7	Ns	21.0	15	9	68
340	9	35	03	2	7	NS	19.4	15	7	50
310	19	35	01	1	4	Cu,Ac	18.8	16	5	49
320	14	18	02	2	6	Cu,Sc	18.4	17	6	49
220	5	7	20	5	7	Sc	18.3	16	12	77
300	2	30	25	5	7	Cu,Sc	18.3	16	12	77
290	3	30	03	1	3	Cu,Sc	17.6	17	6	49
360	9	15	02	6	3	Cu	18.3	17	7	52
20	2	35	03	6	4	Sc,Cu	18.0	16	10	68
00	0	35	03	6	7	Sc	17.9	14	12	88
220	9	35	01	1	4	Cu,Sc	18.0	18	8	52
320	1	35	01	2	3	Cu	18.2	18	8	52
200	2	35	03	2	7	Ac	18.0	17	9	60
340	7	14	02	2	7	Cb	18.5	16	7	56
310	4	18	02	5	7	Sc,Cu	18.2	17	10	64
330	4	14	20	5	7	Cu,Ac	18.7	18	8	52
330	4	14	20	5	7	Cu,Ac	18.4	19	7	46
320	3	3	02	2	7	Cu,Sc	18.4	16	8	59
360	4	35	02	2	7	Cb	19.0	18	6	46
360	17	8	03	1	4	Cu	19.1	20	6	41
340	10	14	03	1	5	Cu	18.9	17	4	42
340	2	15	01	0	0	—	17.0	21	7	41
320	3	50	00	0	0	—	16.9	22	3	29
320	11	30	02	0	0	—	16.?	20	6	41
340	6	50	00	0	0	—	16.7	19	9	52
360	10	18	02	2	5	Sc	22.3	19	6	43
360	3	35	02	2	6	Ac	20.8	18	10	60
340	10	35	03	2	7	Sc	22.0	18	6	46
340	9	35	01	1	3	Ci	20.7	17	4	42
360	7	15	02	2	3	Cu	19.0	20	3	33
		50	03	0	3	Cu	17.4	18	10	60
310	13	35	01	1	0	—	16.1	20	9	46
320	10	18	01	1	1	Sc,Cu	15.8	18	8	52
360	9	15	02	0	0	—	16.3	20	9	49

SUNDAY 13th DECEMBER 1953

290	7	15	01	1	2	Cu	22.4	13	4	18	-3	55	0	
350	11	14	01	2	4	Cu	22.5	15	5	16		52	dr	
330	15	12	61	6	7	Ns,As	21.9	11	11	16		97	1	
320	9	7	02	1	4	Cu	20.6	14	3	16		48	0	
270	16	35	02	1	4	Cu,Ac	18.8	15	7	17	-4	59	0	319
320	16	12	02	2	7	Cu	18.8	15	7	17	-4	59	dr	
200	5		01	1	2	Sc	18.8	12	10	19	-1	88	dr	
220	8	14	02	2	6	Cu,Sc	18.7	14	10	18	-2	77	dr	
310	5	7	02	5	2	Cu	18.8	13	9	19	-3	77	0.2	
40	2	7	03	2	3	Sc,Cu	18.7	12	10	18	-4	88	7	
00	0	35	03	2	8	Cu	18.7	12	10	19	-3	88	1	
320	2	15	01	1	2	Cu	19.1	11	7	19		77	0	
00	0	15	01	6	3	Cu	19.0	11	9	20	-2	88	2	
00	0	35	03	6	8	Fc	19.2	13	11	20		88	1	
290	9	12	01	1	5	Ac	20.3	13	8	18		72	0	
270	7	12	01	1	1	Ac	19.5	14	9	18	-3	72	dr	
290	2	10	01	2	2	Ac	20.0	14	8	19	-2	67	dr	374
290	2	10	01	2	2	Ac	19.6	12	8	19	-2	77	dr	375
00	0	3	01	1	3	Sc	20.2	13	7	17	-4	67	0	
360	4	35	02	1	4	Sc	20.6	13	7	20	-3	67	0	-
270	1	8	01	1	2	Ac	20.2	12	5	19	-3	63	0	
320	3	7	01	0	0	—	18.8	13	9	22	-2	77	0	
270	1	7	00	0	0	—	18.2	14	3	24	-1	48	0	
00	0	50	00	0	0	—	18.0	17	4	21	-5	42	0	
00	0	15	02	2	7	Ac	22.7	13	11	18	-4	88	0	
00	0	15	01	2	4	Cb	22.4	13	7	19		67	0	
00	0	15	01	2	2	Ac	22.4	15	3	18	-5	45	0	
360	1	15	00	1	0	—	19.9	13	4	20	-4	55	0	
310	5	15	02	0	3	Cu	18.6	14	8	20	-2	67	0	
310	13	35	01	1	0	—	17.4	14	4	21	-2	52	0	
360	9	15	02	0	0	—	17.1	18	8	20	-5	52	0	

MONDAY 14th DECEMBER 1953

290	7	15	03	2	8	Cu,Sc	23.3	+5.9	13	4	10	-1	55	0	174	
10	8	14	02	8	6	Cu	22.6		14	8	12		67	dr	72	
330	17	14	25	6	7	NS	21.6	+3.3	14	4?	10		52	1	52	
320	12	15	03	2	7	NS	19.7		15	1	11		39	0	65	
270	22		03	8	5	Cb	18.3	-0.3	14	10	13	0	77	1	44	65
300	19	12	02	8	7	Cu	17.6	-0.4	15	10	13	+1	72	1	46	50
220	5	15	03	1	4	Cb	16.7	-1.2	12	10	7?	-4	88	dr	118	30
270	14	12	01	1	3	NS	16.4	-1.6	13	10	12	-2	82	dr	39	
160	2	18	03	1	5	As	17.3	-1.4	11	6	9		71	0	35	
360	9	7	02	6	4	Cu	17.?	-0.8	13	11	10	0	88	2	10	24
270	2	15	03	6	4	Sc,Cu	17.6	-0.9	11	9	9	-1	88	8	24	12
00	0	35	03	2	6	Cu	18.2	-0.8	12	10	9	0	88	1	19	10
320	5	15	01	6	4	Cb	18.2	-0.8	12	10	10		88	0	14	
00	0	15	02	1	7	Cu	18.0	-1.1	10	10	9	0	97	2	9	8
250	6	35	03	1	6	Ac	17.8		11	9	9		88	1	21	
250	12	12	02	2	7	Sc,Cu	19.0		12	8	10		77	0	6	
230	11	12	03	1	7	Sc	19.1	+0.3	12	9	10	0	82	dr	3	
340	3	6	50	5	8	Cb,Ac	19.2	+0.3	12	8	10	0	77	dr	1	6
340	3	6	50	5	8	Cb,Ac	19.2	+0.2	12	8	8	0	77	dr	1	7
180	5	15	03	2	8	As	19.4	+0.1	10	8	10	0	88	0	3	5
360	4	35	50	5	8	NS	20.8	+1.5	11	7	10	+1	77	dr	1	1
10	5	8	03	1	4	Cu	22.1	+2.8	10	8	8	0	88	0	dr	
270	2	12	01	1	1	Cu	22.3	+2.7	10	7	8	0	82	0	0	
00	0	7	00	0	0	—	21.6	+3.0	12	8	6	-2	77	0	0	
270	7	35	00	0	0	—	21.2	+2.6	14	8	7	-2	67	0	0	
00	0	30	01	0	0	—	21.2	+2.7	12	7	6		72	0	0	
00	0	50	00	0	0	—	21.9	+3.0	13	9	8	-4	77	0	0	
250	3	18	02	0	0	—	24.5	+4.4	8	6	7	+1	88	0	dr	2
270	2	35	02	2	7	Ac	23.1	+3.0	9	7	7	0	88	0	0.5	3
00	0	35	03	1	4	Sc	24.4		9	4	6		71	0	0	
00	0	35	00	0	0	—	24.0	+4.1	9	4	8	+1	71	0	0	
00	0	15	00	0	0	—	22.0	+2.9	10	6			76	0	0	
00	0	35	00	6	7	Cb	18.4	+0.2	12	10	9	-2	88	10	24	7
310	5	50	02	2	7	Sc	17.4	-0.1	15	5	9	-1	52	0	R....	5
250	3	18	02	0	2	Cu	17.5	+0.7	13	5	8	-4	59	0	●	
															0	4

⊗ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S.Barrani 14-12 14		Minya 14-12 14		Asyout 14-12 14		Aswan 14-12 14		Farafra 14-12 14		Dakhla 14-12 14		Kharga 14-12 14		Hurghada 14-12 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
350	16	320	21	300	14	350	9	340	17	330	19	360	14	330	21
340	16	320	16	300	21	330	15	320	28	330	20	360	12	300	15
330	16	320	24	310	23	330	12	320	21	340	23	340	9	280	16
330	16	320	19	310	26	300	12	330	11	320	12	340	11		
		310	20	300	23			330	24						
		320	19												

Alex A.P. 15-12 02		P.Said 15-12 04		Minya 15-12 02		Asyout 15-12 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
360	10	350	18	320	15	320	15
360	10	350	17	330	25	330	23
350	11	360	16	340	20	320	22
350	13	350	13	340	20	320	31
360	16						
350	8						

Baharya 15-12 08		Hurghada 15-12 08	
DIR	SPEED	DIR	SPEED
350	10	320	19
350	11	320	20
350	19	320	16
340	18	340	15
340	22	350	12
350	30		

S.Barrani 15-12 08		Matruh 15-12 08		Alex A.P. 15-12 08		P.Said 15-12 08		Helwan 15-12 07		Minya 15-12 08		Asyout 15-12 08		Luxor 15-12 08 15		Farafra 15-12 08		Dakhla 15-12 08		Kharga 15-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
350	12	360	19	20	9	290	10	30	2			320	16	340	12	340	10	350	15	30	16
360	13	360	19	10	10	300	7	20	2			340	14	340	10	350	12	360	18	10	15
350	7	350	18	10	10	310	5	360	16			34	13	320	10	350	17	350	21	360	23
350	7	350	21	360	9			360	15	350	16	350	24	330	26	320	19	330	26		
350	9									340	23	350	24	320	21	330	30	340	28		
										340	17	330	23	320	21	330	24				
										330	17	300	23	300	33						

REMARKS :

1. Wind direction is in whole degrees east of 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 15th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

LIBRARY
APR 12 1954
WEATHER BUREAU

GENERAL FORECAST: From noon today to noon tomorrow:

Cold spell still prevailing throughout the Republic and temperature below normal, with moderate to fresh northwesterly winds. Much low clouds on Lower Egypt and Cairo Areas where further rainfalls.

In Upper Egypt weather remains cold.

من ظهر اليوم إلى ظهر غد:

ما زالت الموجة الباردة سائدة على أنحاء الجمهورية، ودرجة الحرارة دون المعدل. والرياح أغلبها شمالية غربية بين المعتدلة والنشطة. هذا وتتكاثر السحب المنخفضة على الوجه البحري والقاهرة حيث تتساقط الأمطار من أخرى.

أما في الصعيد فالطقس مائل للبرودة.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { 04 43
{ 14 57

1200 MONDAY 14th DECEMBER 1953

320	7	35	01	1	3	Cu	21.8	16	3	42
360	12	18	02	0	4	Cu	21.2	15	7	59
340	18	18	25	6	6	Ns	20.5	15	7	59
300	22	35	02	8	5	Cu, Sc	16.6	16	8	59
320	19	18	02	8	7	Cb	16.6	16	8	59
340	2	15	03	6	6	Cb	15.4	13	9	77
330	13	30	02	8	7	Cu, Sc	14.8	15	8	63
360	9	15	25	6	4	Cu	16.4	16	10	68
320	5	35	03	2	5	Cu	15.6	18	8	52
310	10	35	03	2	5	Cu	15.8	17	9	60
320	9	35	01	1	3	Cu	15.9	18	10	60
40	1	35	01	1	4	Cu	15.8	18	10	60
270	3	35	03	2	7	Cu	15.0	19	9	52
290	17	12	01	2	6	Cb	17.6	16	8	59
270	13	30	02	2	6	Cu, Sc	16.6	16	9	64
320	6	14	02	5	8	Cb, Ac	17.4	17	10	64
320	6	14	02	5	8	Cb, Ac	17.1	20	8	46
270	15	35	02	5	7	Cb	17.2	16	3	42
360	4	35	02	2	6	Cb	17.9	18	3	37
320	12	8	02	1	3	Cu	19.1	18	3	37
220	12	30	01	1	4	Sc	19.3	17	1	34
290	3	15	03	1	4	Sc, Cu	18.8	18	8	52
320	4	50	02	1	3	Cu	18.4	19	4	37
320	12	30	02	0	3	Cu	18.9	18	4	40
340	6	50	00	0	0	—	18.6	19	9	52
350	10	18	03	0	3	Cu	22.4	18	2	34
320	2	35	02	1	2	Cu	20.7	17	7	52
340	10	35	03	1	5	Sc, Ci	22.0	17	7	52
340	11	35	01	1	3	Ci	21.8	17	4	42
360	3	15	02	2	3	Cu	19.5	20	3	33
310	6	50	01	0	5	Cu	15.4	19	7	46
310	5	35	01	1	2	Ac	16.6	19	7	46
320	4	30	02	0	2	Sc	16.5	18	6	46
20	5	15	02	0	0	—	16.8	19	9	52

MONDAY 14th DECEMBER 1953

360	13	14	02	5	3	Cu	22.0	14	4	16		52	dr	
350	18	14	25	6	7	Cb	21.3	12	6	15		67	1	
340	11	7	03	2	7	Cb	20.4	14	3	17		48	0	
330	24	35	03	8	6	Cu, Sc	18.2	14	10	17	-4	77	4	319
340	19	12	01	8	6	Cb	18.0	14	8	17	-4	67	6	
270	5		50	6	7	Cb	16.6	12	10	16	-4	88	5	
310	13	18	81	8	7	Cb, Sc	15.8	11	10	16	-4	94	1	
360	13	14	02	0	3	Cu	15.4	14	4?	16		52	dr	
310	5		25	6	8	Cu	18.8	13	11	18	-4	88	10	
20	2	7	01	1	3	Cu	18.0	11	9	18	-4	88	0	
00	30	35	03	6	8	Cu	18.6	12	10	19	-3	88	dr	
320	2	15	01	6	2	Cu	18.4	11	9	19		88	2	
00	0	15	03	1	6	Cu	18.3	12	10	19	-3	88	0	
250	4	35	01	6	0	—	16.7	13	9	20		77	1	
310	12	12	01	6	2	Sc	18.6	12	10	17		88	2	
270	10	12	01	6	2	Sc	17.9	12	11	18	-3	94	2	
300	5	8	00	5	0	—	18.7	12	10	19	-2	88	dr	374
300	5	8	00	5	0	—	18.2	13	10	20	0	82	dr	375
290	2	7	02	5	6	Sc	19.0	12	8	16	-4	77	dr	
360	4	35	02	5	5	Cb	19.4	13	7	20	-2	67	2	
360	6	8	01	2	3	Sc	20.8	13	7	19	-3	67	0	
		12	02	1	5	Sc	20.0	14		18	-4		0	
00	0	7	02	0	2	Ac	19.4	11	7	20	-4	77	0	
270	1	7	02	1	2	Cu	19.2	11	4	20	-5	63	0	
290	7	12	02	0	0	—	18.8	13	4	19		53	0	
360	3	50	00	0	0	—	19.8	16	8	20	-5	59	0	
310	4	10	01	2	2	Ac, Ci	22.7	13	4	19	-3	55	0	
360	2	15	02	1	2	Ac	21.4	12	8	17		77	0	
00	0	15	01	1	2	Cu	23.4	11	3	18		58	0	
00	0	15	00	0	0	—	22.7	13	4	17	-6	55	0	
00	0	15	01	1	1	Cu	20.4	12	5	20	-4	63	0	
310	6	15	01	0	2	Cu	16.7	14	8	20	-2	67	0	
40	2	15	01	1	2	Cu	17.6	15	9	20	-3	68	0	
290	3	12	02	0	0	—	16.9	16	10	18	-4	68	0	
330	9	15	02	0	0	—	17.5	17	7	20	-5	52	0	

TUESDAY 15th DECEMBER 1953

Wind Direction	Speed	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs	Total From Oct 1st	Normal From Oct 1st
320	13	15	03	2	6	St	25.0	+7.6	11	4	9	-2	63	1	175	
350	12	14	02	8	7	Cb	23.9		13	6	8		63	2	74	
340	12	18	01	2	6	Cu, Sc	23.3	+5.0	13	4	8		55	1	53	
340	7	15	02	1	4	Cb	22.6		12	5	9		63	1	66	
180	5	35	03	8	7	Cu, Sc	21.9	+3.3	11	9	10	-2	88	7	51	67
200	6	14	25	8	7	Cb	21.7	+3.7	10	9	10	-2	94	8	54	51
200	2	7	01	6	3	Cu	20.6	+2.6	10	10	9	-2	97	31	149	30
300	10	14	02	8	7	Cu, Sc	20.1	+2.1	14	8	9	-5	67	20	59	
250	2	14	63	9	7	Ns	19.6	+0.8	10	8	9		88	12	47	
310	9	7	02	6	4	Cu	21.1	+2.4	10	8	8	-2	88	12	22	25
320	2	7	50	6	8	Ns	20.6	+2.1	10	8	9	-1	88	3	27	13
270	1	35	03	6	5	Cu	21.2	+2.2	9	9	8	-1	97	1	22	10
320	2	15	01	1	3	Cu	21.1	+2.0	10	8	7		88	4	18	
																8
270	1	15	51	5	8	As	21.1		10	8	8		88	1	22	
250	5	8	05	2	6	Ac	22.1		10	9	9		94	4	10	
210	6	3	05	2	6	Ac	21.3	+2.5	10	9	9	-1	94	2	5	
00	0	10	01	2	3	Ac	21.6	+2.6	10	5	9	-1	71	dr	1	6
00	0	10	01	2	3	Ac	21.6	+2.6	9	7	7	-1	88	0.1	1	7
00	0	50	03	2	7	Ns	22.0	+2.6	9	9	9	-1	97	d	3	6
00	0	35	01	1	3	Cu, Sc	22.7	+3.?	10	6	7	-1	76	2	3	1
340	4	8	03	0	1	Cu	23.1	+3.8	8	6	5	-2	88	0	dr	
270	2	14	01	1	1	Ac	22.3	+2.6	9		6	-2			0	
00	0	7	00	0	0	—	22.4	+3.7	11	7	6	-2	77	0	0	
270	1	35	00	0	0	—	21.1	+2.4	13	7	6	-3	67	0	0	
															0	
20	3	50	01	1	3	Ac	22.0	+3.6	12	8	9	-3	77	0	0	
270	4	18	02	0	0	—	25.2	+5.0	7	2	6	+1	71	0	dr	2
320	1	35	02	1	1	Cu	24.0	+3.8	9	7	7	+1	88	0	0.5	3
00	0	35	03	0	1	Cu	25.0		8	3	6		71	0	0	
270	4	35	00	0	0	—	25.0	+5.0	8	0	5	-2	58	0	0	
00	0	15	00	0	0	—	22.7	+3.6	10	3	5	-3	62	0	0	
310	4	35	00	0	3	Cu	20.4	+2.1	12	5	9	-2	63	0	24	7
310	5	15	01	1	2	Cu	21.9	+4.4	15	7	11	+1	59	0	Rain	5
240	3	18	02	0	1	Cu	18.9	+2.0	12	2	8	-4	51	0	0	
330	9	15	02	0	0	—	18.6	+1.2	14	3	13	-3	48	0	0	4

⊗ = Sky obscured by fog etc

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Alex A.P. 15-12 14		Almaza 15-12 13 30		Minya 15-12 14		Asyout 15-12 14		Luxor 15-12 14		Aswan 15-12 14		Sina 15-12 14		Dakhla 15-12 14		Kharga 15-12 14		Hurghada 15-12 14	
30	12	10	7	360	12	340	19	320	15	340	14	350	15	350	14	15	15	340	35
10	10	10	9	360	14	340	19	310	13	330	13	350	15	340	20	20	21	340	29
340	19	10	6	350	15	340	13	320	11	330	16	360	12	340	19	20	20	320	19
330	11	10	8	340	15	360	13	320	11	320	17	20	11			20	20	300	16
				350	10	360	16	350	10	310	17	20	13			360	17		
				360	16	360	16	10	13			10	13						
				320	28	310	30	330	18										
				300	36														

P. Said 16-12 02		Minya 16-12 02		Asyout 16-12 02	
300	10	10	5	350	8
300	7	10	13	10	17
280	8	350	18	360	21
310	9	340	17	360	21
		330	16		

Alex A.P. 16-12 08		El Arish 16-12 08		Almaza 16-12 09		Helwan 16-12 0745		Minya 16-12 08		Asyout 16-12 08		Luxor 16-12 08		Sina 16-12 08		Dakhla 16-12 08		Kharga 16-12 08	
300	7	220	8	260	11	160	2	10	9	320	6	200	3	340	8	350	7	20	8
300	7	230	5	270	9	300	9	350	10	10	12	30	7	340	7	20	16	30	18
280	8	160	4	280	5	320	7	380	10	10	17	60	7	360	10	20	19	30	23
280	11	10	6	330	10	340	14	360	15			50	10	340	10	20	16	40	20
310	5			310	5	340	10	350	9			340	10	330	12				
						340	9	280	19	340	10								
								320	17										

REMARKS:

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 16th December 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	during last hour
05	Dry haze	during last hour
06	Widespread dust in suspension	during last hour
07	Dust or sand raised	during last hour
08	Dust [illegible] within last hour	during last hour
09	Dust or sandstorm within last hour	during last hour
10	Mist	
11	Patches of shallow fog less than 2 m.	
12	Continuous [illegible]	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
15	" reaching ground but distant 5 kms	
16	" " near the station	
17	Thunder heard no precipitation	
18	Squall	
19	Funnel cloud [illegible] within sight during past hour	
20	Drizzle (not freezing)	
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	
25	Shower (s) of rain	
26	" of snow or of rain and snow	
27	" hail " " " hail	
28	Fog	
29	Thunderstorm with or without precipitation	
30	Slight or moderate duststorm or sandstorm	decreased
31		no change
32		increased
33		decreased
34	Severe duststorm or sandstorm	no change
35		increased
36	Slight or moderate [illegible]	
37	Heavy	
38	Slight or moderate	
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 "	

during preceding hour / not at time of observation

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

LIBRARY
APR 12 1954
WEATHER BUREAU

GENERAL FORECAST: From noon today to noon tomorrow.

Weather improves and cold spell somewhat subsides, with possible light scattered showers in the North. Moderate northerly to northwesterly winds, with low and medium clouds in the North.

Rather cold in Upper Egypt

الفترة المنتظرة في حالة الطقس من ظهر اليوم إلى ظهر غد:

تتحسن حالة الطقس وتقل حدة الموجة الباردة نوعا مع احتمال أمطار خفيفة في جهات متفرقة في الشمال. والرياح بين الشمالية والشمالية الغربية المعتدلة مع ظهور السحب المنخفضة وبعض المتوسطة في الشمال. أما في الصعيد فالطقس يميل للبرودة

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 44 — Sunset 14 57

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

At 1200 GMT TUESDAY 15th DECEMBER 1953 — At 1800 GMT TUESDAY 15th DECEMBER 1953

WIND Direction (Tens)	WIND Direction (Units)	WIND Speed (Tens)	WIND Speed (Units)	CLOUD Amount (Oktas)	CLOUD Type	CLOUD Height (Hundreds of Feet)	PRESENT WEATHER	PAST WEATHER	CLOUD Amount (Oktas)	CLOUD Type	CLOUD Height (Hundreds of Feet)	BAR PRESSURE Mb.	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Wet Bulb	MAXIMUM Today	MAXIMUM Diff. from Normal	MINIMUM Today	MINIMUM Diff. from Normal	RELATIVE HUMIDITY %	RAINFALL mm Past 24 hrs	RAINFALL mm Total From Oct 1st	RAINFALL mm Number of Days	RAIN PAST 12 hrs mm
320	4	15	02	2	6	Sc	23.8	15	4	48	320	4	15	01	1	3	Sc, Cu	24.6	13	4	15	-6	55	0.5
330	10	15	50	5	6	Cu, Sc	22.9	15	7	59	350	10	14	02	8	4	Cu	24.0	13	5	16		59	dr
350	12	15	02	2	7	Cu, Cu	22.7	15	6	55	340	11	12	03	6	5	Cu, Sc	24.1	13	6	15		63	1
340	8	35	03	2	7	Sc	22.6	15	1	39	360	10	7	03	2	7	Sc	23.7	14	5	16		55	0
350	5	15	02	8	7	Cu, Sc	21.4	13	9	77	180	6	35	01	8	4	Cu, Sc, Sc	23.0	11	9	15	-6	88	3
210	6	14	80	8	7	Cb, Sc	21.7	12	10	88	200	5	12	02	2	5	Sc	23.3	12	10	15	-6	88	5
360	5	35	01	1	2	Cu	20.9	15	5	52	340	5		03	1	5	Cu	22.8	13	7	16	-4	67	0
270	5	18	25	5	7	Cu, Sc	20.5	13	8	72	360	15	15	02	2	6	Cu, Sc	22.5	14	5	16	-4	55	1
340	5	30	01	6	6	Cb	18.3	16	8	59														
320	5	15	02	6	6	Cu	21.4	15	11	77	310	5		02	6	4	Cu	22.7	12	10	16	-6	88	2
320	2	35	01	1	3	Cb	20.8	17	7	52	340	2	7	03	2	5	Cb	22.7	12	8	18	-4	77	0
310	8	35	03	2	8	Cb	21.0	13	11	88	310	3	35	03	2	6	Sc	22.6	10	10	17	-5	97	0
320	5	35	01	1	4	Cb	21.3	17	7	52	320	2	15	01	1	3	Cb	22.6	11	9			88	0
00	0	15	03	1	7	Cu	21.1	15	9	68	00	0	15	01	1	3	Cu	22.5	11	9	18	-3	88	0
360	2	35	03	6	6	Ac, As	20.4	17	9	60	00	0	35	01	0	0	—	21.9	11	9	19		88	1
320	10	14	02	2	7	Cb, Ac	21.7	15	7	59	310	3	12	03	2	6	Sc	23.5	12	9	16		82	0
300	8	30	01	2	4	Cu, Ac	20.7	16	7	56	320	3	12	01	2	6	Sc, Cu	22.9	12	8	16	-5	77	0
320	3	14	03	1	8	Cb, Ac	21.0	17	9	60	00	0	8	01	8	6	Sc, Cu	22.6	13	10	17	-4	82	2
320	3	14	03	1	8	Cb, Ac	20.6	17	7	52	00	0	8	01	8	6	Sc, Cu	23.0	12	8	18	-3	77	dr
290	15	35	02	4	5	Cu, Sc	21.3	14	5	55	00	0	3	01	6	6	Sc	23.6	12	8	15	-5	77	0.5
360	6	35	03	2	7	Cb	21.0	16	5	49	360	4	35	01	1	2	Cu, Sc	23.5	11	7	17	-5	77	0
											360	2	8	02	1	0	—	23.0	8	7	18	-4	94	0
310	11	30	02	1	1	Cu	20.6	16	2	39														
290	4	15	02	0	4	Ac, Ci	19.1	18	6	46	290	3	7	03	0	4	Sc, Ac	19.9	11	7	18	-6	77	0
40	2	50	03	1	4	Ci	18.6	18	-1	28	270	1	7	00	0	0	—	20.3	11	4	20	-5	63	0
320	14	30	02	0	1	Cu	19.1	18	4	40	300	7	12	02	0	0	—	20.4	12	4	18	-5	59	0
340	6	50	00	0	0	—	19.2	17	9	60	340	3	50	00	0	0	—	20.4	15	7	18	-7	59	0
360	8	18	03	1	5	Cu	23.8	17	2	37														
320	1	35	02	1	3	Cu	22.7	15	7	59	320	1	15	02	1	4	Ac	24.0	10	6	17	-4	76	0
340	10	35	03	2	5	Sc	23.1	16	1	36	00	0	15	02	2	2	Cu	25.1	10	0	17		50	0
340	11	35	01	1	3	Ci	22.2	16	-1	32	340	9	35	00	0	0	—	23.8	11	1	17	-6	51	0
360	1	15	03	2	7	Sc, Cu	20.8	18	3	37	00	0	15	00	1	0	—	22.7	12	3	19	-5	55	0
360	3	50	03	0	4	Cu	20.6	15	7	59	310	2	15	01	0	0	—	22.3	12	5	16	-6	63	0
310	13	35	01	1	2	Ci	19.1	18	8	52	310	13	35	01	1	1	Ci	20.0	15	1	19	-4	39	0
320	19	30	02	0	3	Cu	18.3	17	11	68	290	16	12	02	0	1	Cu	19.5	13	4	18	-4	55	0
20	9	15	02	0	0	—	17.5	19	7	46	330	13	15	03	1	3	Ac	18.3	18	8	19	-6	52	0

* = Sky obscured by fog etc.

AREA | INDEX NUMBER | STATION

AREA	INDEX NUMBER	STATION
ARCTIC OCEAN	319	
NORTH ATLANTIC OCEAN	374	
	375	

At 0600 GMT WEDNESDAY 16th DECEMBER 1953

WIND Direction (Tens)	WIND Direction (Units)	WIND Speed (Tens)	WIND Speed (Units)	CLOUD Amount (Oktas)	CLOUD Type	CLOUD Height (Hundreds of Feet)	BAR PRESSURE Mb.	BAR PRESSURE Diff. from Normal	TEMPERATURES °C Dry Bulb	TEMPERATURES °C Wet Bulb	MINIMUM Today	MINIMUM Diff. from Normal	RELATIVE HUMIDITY %	RAINFALL mm Past 24 hrs	RAINFALL mm Total From Oct 1st	RAINFALL mm Number of Days
290	13	15	03	2	6	Ns	25.0	+7.6	10	9	8	-2	94	9.5	11	
230	6	14	02	8	6	Cb, Ac	24.1		11	7	10		77	4	78	
240	10	14	02	6	7	Ns	23.8	+5.5	10	8	9		88	6	59	
250	1	15	03	2	6	Sc	23.0		10	8	9		88	3	69	
310	11	35	03	1	6	Cu, Sc, Ci	22.0	+3.4	14	5	10	-2	55	3	54	68
17c	4	18	02	2	7	Sc, Ac	22.5	+4.5	11	9	9	-2	88	6	60	52
220	2		03	6	7	Sc	23.0	+5.0	11	9	9	-2	88	2	151	31
320	9	14	02	1	5	Cu, Sc	23.0	+5.0	13	9	11	-3	77	1	60	
180	3	18	03	0	3	Cb	22.3	+3.5	10	7	8		82	10	57	
270	9		02	6	3	Cu	23.0	+4.3	9	4	8	-2	71	3	25	26
360	2	15	00	1	0	—	23.3	+4.7	10	6	9	-1	76	0	27	13
00	0	35	02	0	0	—	23.1	+4.1	9	9	8	-1	97	0	20	10
340	2	15	00	0	0	—	23.7	+4.6	10	7	7		82	0	18	
00	0	15	02	0	0	—	23.6	+4.4	9	7	7	-1	88	0	Rain	8
220	1	35	03	1	3	Ac, As	23.3		8	6	6		88	1	23	
220	4	12	02	1	1	Ci	24.4		10	7	7		82	0	18	
190	4	12	01	0	1	Ac	23.6	+4.8	9	6	8	-2	82	0	5	
00	0	2	10	1	2	Cu	23.8	+4.7	9	7	8	-2	88	2	3	6
00	0	2	10	1	2	Ci	24.3	+5.2	7	6	4	-4	94	dr	1	8
00	0	0.8	10	4	0	—	24.7	+5.3	8	8	7	-3	97	0.5	3	6
00	0	15	02	2	6	Ac	24.7	+5.3	8	6	5	-3	88	0	3	1
360	5	8	03	0	1	Ac	24.8	+5.4	7	5	3	-4	87	0	dr	
260	3	8	10	0	0	—	24.7	+5.0	7	4	4	-4	81	0	0	
00	0	7	10	0	0	—	22.8	+4.0	10	6	5	-3	76	0	0	
320	1	35	00	0	0	—	22.3	+3.6	11	4	4	-5	63	0	0	
00	0	30	02	0	0	—	22.2	+3.5	9	3	4		67	0	0	
20	4	50	01	1	2	Ci	22.3	+3.8	11	9	7	-5	88	0	0	
250	3	18	02	2	7	Sc, Ac, As	25.3	+5.1	10	5	9	+4	71	0	dr	3
00	0	35	02	1	2	Ac	25.2	+5.0	6	6	3	-3	97	0	0.5	3
00	0	35	00	0	0	—	25.9		6	-2	2		57	0	0	
270	4	35	00	0	0	—	25.4	+5.4	7	-1	4	-3	57	0	0	
00	0	15	00	0	0	—	23.0	+3.9	7	2	3	-5	71	0	0	
360	3	35	00	0	0	—	23.4	+5.1	9	7	5	-6	88	0	24	7
310	5	35	01	1	1	Ci	21.9	+4.3	13	4	4	-6	55	0	RAIN	5
260	19	18	02	1	1	Sc	21.1	+4.2	13	5	8	-4	59	0	0	
310	9	15	03	1	3	Ac	20.7	+3.3	14	3	12	-4	48	0	0	4

CENTRAL SUDAN: 760 KANO, 761 ZARIA, 762 ROBERTSON, 763 EL OBEID, 764 EL FASHER, 765 KENEIMA

S. SUDAN: 840 MALAKAL, 841 WAU, 842 JUBA

RETARDS — DATE

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Station	Matruh		Alex. A.P.		P. Said		Almaza		Minya		Asyout		Aswan		Siwa		Dakhla		Kharga			
Date	16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12		16-12			
Time	14		14		14		13 30		14		14		14		14		14		14			
Altitude	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
1000 m	800	7	320	10	310	8	330	4	340	11	340	5	340	10	270	9	360	12	20	12		
2000 m	290	7	320	16	320	7	310	8	350	17	340	14	350	9	260	9	360	12	30	17		
3000 m	280	11	320	14	330	7	290	10	350	16	340	16	350	11	290	5	360	13	30	21		
4000 m			330	10	350	8	280	10	340	11	10	4			320	10	10	15	40	18		
5000 m			330	12	360	8			330	14					340	12						
6000 m					20	8			200	9					340	21						
7000 m					20	11																

Station	P. Said		Minya		Asyout																Hurghada	
Date	17-12		17-12		17-12																17-12	
Time	02		02		02																08	
Altitude	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
1000 m	280	11	340	13	350	6															330	22
2000 m	290	12	340	10	350	17															320	19
3000 m	300	15	340	14	340	15															320	26
4000 m	320	16	320	11	340	22															320	11
5000 m					10	20																

Station	S. Barrani		Alex. A.P.		P. Said		Almaza		Minya		Asyout		Helwan		Bahariya		Farafra		Dakhla		Kharga	
Date	17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12		17-12	
Time	08		08		08		08 15		08		08		07 45		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
1000 m	260	15	220	6	270	15	280	9	320	4	330	6	160	4	290	18	350	9	350	5	10	9
2000 m	260	14	330	4	280	13	290	12	330	10	340	11	270	6	290	23	340	11	360	11	20	18
3000 m	250	10	300	7	260	13	270	14	320	12	340	16	300	15	270	20	340	10	10	13	20	21
4000 m	270	11	300	14	290	14	260	9			360	17	300	13	260	4	350	8	350	15	350	19
5000 m	280	16	310	18					350	25	360	21					340	19				
6000 m	290	21							340	30												
7000 m									320	23												

UPPER AIR OBSERVATIONS

BY RAWINSONDE - RADIOWIND

Station																						
Date																						
Time																						
Altitude																						
1000 mb																						
950 mb																						
900 mb																						
850 mb																						
800 mb																						
700 mb																						
600 mb																						
500 mb																						
400 mb																						
300 mb																						
200 mb																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Thursday 17th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

PAST WEATHER "W"

CLOUD FORM

GENERAL FORECAST: From noon today to noon tomorrow.

Moderate winds, southerly to westerly on the Coast and NWly inland. Much low and medium clouds on Lower Egypt where further scattered showers fall. Temperature remains below normal.

In Upper Egypt cold weather and generally clear.

من ظهر اليوم الى ظهر غد

رياح بين الجنوبية والغربية على الساحل. شمالية غربية في الداخل.

تتكاثر السحب المتوسطة والمنخفضة في الوجه البحري حيث يسقط مطر مرة أخرى في جهات متفرقة وتظل درجة الحرارة دون معدلها.

أما في الصعيد فالسماء صحو بوجه عام والطقس بارد.

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

SYNOPTIC SURFACE OBSERVATIONS

04 45
14 58

WEDNESDAY 16th DECEMBER 1953

320	4	35	02	2	5	Cu, Ac	22.7	17	4	42		7	15	00	0	0	—	22.6	13	4	18	-3	55	0
260	7	14	02	8	7	Cu, Sc	22.7	13	8	7		4	14	02	8	2	Cu	22.3	11	7	14		77	dr
00	0	18	61	6	7	NS	23.1	13	9	77		1	14	01	2	4	Cu, Sc	22.7	11	10	15		94	1
320	5	35	02	1	5	Cb	22.8	16	5	49	20	5	7	03	2	7	Sc	21.9	12	8	16		77	0
310	10	35	01	1	3	Cu, Ci	21.9	16	5	49	340	11	15	03	0	5	Cu, Ac, Cs	21.5	14	5	17	-3	55	0
340	10	18	01	2	5	Cu, Ac	21.4	17	5	46	20	3	12	25	8	7	Cu, Sc	21.7	13	8	17	-3	72	dr
320	2	7	02	1	7	Sc	21.5	15	7	59	220	2		02	2	5	Sc	21.6	11	11	16	-4	77	0
310	5	18	01	2	6	Sc, Ac	21.7	16	10	68														
250	6	30	01	1	2	Cu, Sc	20.8	15	9	68														
270	9	15	02	1	3	Cu	21.4	16	8	59	270	5		02	0	0	—	21.6	10	8	17	-5	88	0
360	2	35	03	2	5	Sc, Cu	21.5	18	6	46	360	2	7	01	1	3	Sc, Cu	21.6	12	5	18	-4	63	0
220	3	35	03	2	6	Cu	22.2	16	10	68	00	0	35	03	2	7	Cu	21.4	10	8	19	-3	88	0
320	5	35	01	1	4	Cu	22.2	16	8	59	320	2	15	01	1	3	Cu	21.4	11	9	19		88	0
220	1	35	03	1	4	Cu	21.4	17	7	52	00	0	15	01	1	2	Cu	21.5	11	9	19	-2	88	0
360	2	35	03	1	5	Ac	21.5	17	7	52	00	0	35	02	1	5	Ac, As	21.6	12	7	18		72	0
290	8	14	03	2	6	Cb	22.5	15	4	48	00	0	12	03	2	7	Sc	22.4	12	7	17		72	0
250	5	18	02	2	6	Cu, Sc	22.0	16	8	59	250	2	12	03	2	8	Sc	21.6	12	7	17	-4	72	0
330	3	14	03	1	7	Sc	22.4	15	8	63	00	0	8	02	2	7	Cb	22.0	12	8	18	-3	77	0
330	3	14	03	1	7	Sc	22.0	17	5	46	00	0	8	02	2	7	Cb	21.8	12	8	20	-1	77	0
00	0	15	03	1	4	Cb	22.4	15	4	48	290	3	15	03	6	8	Ac, Cs	22.6	12	5	15	-5	63	dr
360	4	35	02	2	7	Sc	22.6	16	5	49	360	4		02	2	8	st	22.2	12	8	18	-4	77	0
10	9	8	02	2	5	Cu	22.9	17	4	42	00	0	8	01	2	5	Sc	22.7	12	5	18	-4	63	0
350	6	18	02	1	4	Cu, Sc	21.7	16	-1	32	00	0	8	02	1	1	Ac	22.4	10	0	17	-5	50	0
340	3	15	00	0	0	—	19.6	20	3	33	290	3	7	00	0	0	—	20.2	11	4	20	-4	63	0
270	1	50	00	0	0	—	19.8	21	4	33	00	0	7	00	0	0	—	19.2	11	0	22	-2	47	0
290	7	30	02	0	0	—	19.4	19	4	37	360	5	30	03	0	1	Cu	19.1	16	6			52	0
340	6	50	03	2	6	Ac	19.0	18	8	52	00	0	50	00	0	0	—	19.6	16	5	19	-6	49	0
260	5	18	02	1	4	Sc, Ac, Cu	24.0	18	3	37	00	0	10	01	1	0	—	23.1	11	2	18	-4	54	0
360	2	35	02	2	7	Ac	23.5	15	7	59	00	0	15	02	1	3	Ac	23.4	12	5	16	-5	63	0
340	10	35	03	1	6	Sc	24.0	16	3	42	00	0	15	00	2	0	—	24.7	10	0	17		50	0
50	2	35	01	1	3	Sc	23.3	16	-1	32	340	4	35	00	0	0	—	22.8	11	-2	17	-6	41	0
40	1	35	02	1	3	Cu	21.0	18	3	37	360	1	15	00	1	0	—	21.1	11	1	18	-6	51	0
360	2	50	03	0	3	Cu	21.6	17	4	42	60	4	15	01	0	2	Cu	21.5	13	4	20	-2	55	0
310	13	50	01	0	1	Ac	19.4	19	6	43	60	5	35	02	0	0	—	20.5	13	4	20	-3	55	0
350	21	30	02	1	1	Cu	19.4	17	8	56	280	12	12	02	1	1	Cu	20.6	12	5	17	-5	69	0
360	13	15	02	1	3	Ac	19.1	19	9	52	330	9	15	01	1	0	—	19.5	17	7	19	-5	52	0

WEDNESDAY 16th DECEMBER 1953

THURSDAY 17th DECEMBER 1953

220	5	15	03	2	8	As	21.0	+3.6	12	1	9	-1	47	0	17							
220	5	15	02	2	7	Ac	20.4		10	4	9		67	dr	78							
230	12	18	03	1	7	Ac, Cc	20.5	+2.2	10	6	8		76	1	60							
250	8	15	01	1	3	Cu	19.8		10	8	9		88	2	71							
180	8	15	03	8	8	Cu, Sc	20.3	+1.7	12	10	11	-1	88	0.6	55	69						
230	11	10	82	8	8	Cu, Sc	20.2	+2.2	12	11	11	0	94	2	62	53						
220	2		50	6	8	CS, Sc	20.0	+2.0	10	10	8	-2	97	2	153	31						
280	13	12	03	8	8	Cu, Sc	20.1	+2.1	12	9	11	-2	82	0	60							
240	3	30	03	2	7	Cb, Sc	19.3	+0.5	10	8	8		88	0	57							
230	5		21	6	8	Sc	20.6	+1.9	11	9	7	-3	88	2	27	26						
270	2	7	03	2	8	Ns	20.8	+2.2	10	8	8	-1	88	0	27	13						
00	0	35	03	6	8	Cu	20.7	+1.6	10	10	7	-1	97	dr	20	11						
320	2	15	02	1	6	Cb	20.6	+1.5	10	10	7		97	0	18							
00	0	15	02	2	8	Cu	20.9	+1.7	9	7	6	-2	88	0	Rain	8						
250	3	35	03	2	8	Cu	20.6		10	7	7		82	0	23							
220	6	8	05	2	7	Sc	22.1		11	7	9		77	0	10							
190	5	12	03	1	8	Sc, Cu	21.3	+2.5	10	7	9	-1	82	0	5							
30	2	6	02	2	8	Cb	21.4	+2.3	11	6	8	-2	71	0	3	6						
30	2	6	02	2	8	Cb	21.5	+2.4	10	6	6	-2	76	0	1	8						
00	0	7	02	2	7	Sc	22.3	+2.9	9	7	8	-2	88	dr	3	6						
00	0	35	02	1	3	Sc	21.9	+2.5	10	8	8	0	88	0	3	1						
360	2	8	01	2	4		22.6	+3.1	11	7	8	+1	77	0	dr							
00	0	10	00	1	1	Sc	22.9	+3.1	9	2	5	-3	62	0	0							
00	0	7	00	0	0	—	21.4	+2.5	12	3	5	-3	55	0	0							
270	1	35	00	0	0	—	20.8	+2.1	11	1	5	-4	51	0	0							
170	5	30	02	0	0	—	21.1	+2.3	8	2	2		66	0	0							
00	0	50	00	0	0	—	21.6	+3.0	10	6	6	-6	76	0	0							
00	0	18	03	0	1	Ac, As	23.2	+2.9	6	1	3	-2	71	0	dr	3						
00	0	35	02	0	0	—	23.1	+2.9	10	3	8	+2	62	0	0.5	3						
00	0	35	00	0	0	—	24.0		5	-4	2		53	0	0							
270	4	35	00	0	0	—	23.9	+3.8	7	-1	4	-3	57	0	0							
00	0	15	00	0	0	—	21.9	+2.8	7	-1	2	-6	57	0	0							
360	3	35	00	0	5	Cu	21.1	+2.7	11	7	6	-5	77	0	24	7						
40	5	50	02	0	0	—	19.5	+1.9	12	0	6	-4	44	0	RAIN	5						
250	14	18	03	1	1	Cu	19.5	+2.5	11	1	7	-5	51	0	0							
310	9	15	02	0	0	—	19.2	+1.7	13	4	10	-6	55	0	0	-4						

319

374
375

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	S.BARRANI		MATRUH		MINYA		LUXOR		ASWAN		DAKHLA		KHARGA		HURGHADA		FARAFRA					
DATE	17 th		17 th		17 th		17 th		17 th		17 th		17 th		17 th		17 th					
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	290	10	280	12	290	9	320	9	350	12	320	7	10	15	340	23	250	4				
600 m	290	10	270	13	290	10	320	6	360	13	340	7	360	21	320	23	250	4				
1000 m	300	9	280	12	310	9	330	7	360	13	340	7	350	23	300	20	240	3				
1500 m	290	23	280	12	310	13	330	10			40	9	360	18	310	26	330	14				
2100 m	290	24	280	23	330	29	330	17			30	13					320	10				
2400 m			280	20	330	18	330	21									290	8				
3000 m					310	24																
4000 m																						
5000 m																						
6000 m																						

STATION	P. SAID		MINYA		ASYOUT																	
DATE	18 th		18 th		18 th																	
TIME	4		2		2																	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	240	10	350	4	320	9																
600 m	240	12	360	3	310	16																
1000 m	250	14	340	5	290	16																
1500 m	250	28	20	6	270	15																
2100 m			20	8																		
2400 m																						
3000 m																						
4000 m																						
5000 m																						
6000 m																						

STATION	S.BARRANI		ALEX.A.P.		P.SAID		MINYA		ASYOUT		LUXOR		BAHARIA		DAKHLA		KHARGA		FARAFRA			
DATE	18 th		18 th		18 th		18 th		18 th		18 th		18 th		18 th		18 th		18 th			
TIME	8		8		8		8		8		8		8		8		8		8			
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m	360	23	320	17	270	13	360	9	280	6	300	2	10	16	280	5	310	3	290	4		
600 m	360	24	320	26	270	17	300	18	290	14	320	2	360	10	280	12	310	9	320	12		
1000 m	350	21	320	26	280	22	290	17	300	14	310	17	360	12	300	15	280	10	320	18		
1500 m	340	12			280	38	300	21	300	21	290	21	340	4	310	22	310	17	300	28		
2100 m	340	17			300	13	290	26	290	33	300	17	290	4	300	20	310	20				
2400 m							280	24	280	23					300	27						
3000 m																						
4000 m																						
5000 m																						
6000 m																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	CAIRO A.P.																					
DATE	17 th																					
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	70	14		290	8																	
000 mb	154	14		290	10																	
950 mb																						
900 mb																						
850 mb	1497	3		260	17																	
800 mb																						
700 mb	3041	-6		290	20																	
600 mb																						
500 mb	5600	-22		270	36																	
400 mb	7201	-34		270	43																	
300 mb	9149	-48		270	48																	
200 mb	11740	-56																				

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE FRIDAY 18th DECEMBER, 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
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		
77	Granular snow		with or without fog
78	Isolated star like snow crystals		
79	Ice pellets		
80	Rain shower (s), slight		
81	" " moderate or heavy		
82	" " violent		
83	Shower (s) of rain and snow, slight		
84	" " moderate or heavy		
85	Snow shower (s), slight		
86	" " moderate or heavy		
87	Shower (s) of soft hail with or without rain		slight
88	or rain and snow mixed		moderate
89	Shower (s) of hail with or without rain or		slight
90	rain and snow mixed, not with thunder		moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation	
92	Moderate or heavy rain		
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

Cold wave continues with moderate to fresh northwesterly winds. Low clouds develop during day with occasional showers. No material change in Upper Egypt.

يظل الجو باردا والرياح شمالية غربية بين المعتدلة والنشطة وتتكاثر السحب نهارا وتمطر في أنحاء متفرقة بالوجه البحري ولا تغير يذكر في الوجه القبلي

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

SYNOPTIC SURFACE OBSERVATIONS

04 45
14 58

Thursday 17th

280	14	18	02	2	7	Ac, As	17.5	15	10	72	
290	9	35	03	2	7	Ac	16.8	16	8	59	
230	14	18	03	8	7	Cu, Se, Ac	16.5	15	11	77	
220	5	7	01	5	6	Cu	16.7	14	10	77	
270	9	30	01	8	3	Cu, Se	16.7	16	11	72	
250	9	18	03	2	7	Sc	16.6	14	9	72	
230	13	15	02	6	4	Cu	16.8	16	10	68	
40	2	35	03	2	4	Se, Cu	16.7	16	10	68	
220	4	35	03	2	5	Cu	17.4	16	12	77	
320	9	35	01	1	3	Cu	17.4	17	9	60	
220	1	35	01	2	3	Cu	17.8	16	10	68	
270	4	35	03	1	6	Cb	17.2	17	7	52	
290	13	14	01	2	3	Cu, Ac	17.7	16	5	49	
240	5	30	01	2	2	Cu, Ac	17.5	16	8	59	
270	4	18	01	2	5	Cu, Ac	18.0	17	8	56	
270	4	18	01	2	5	Cu, Ac	17.4	19	6	43	
290	2	35	03	1	4	Cu, Se	18.0	15	4	48	
360	4	35	02	1	3	Cu, Se	18.2	16	7	56	
10	6	18	03	1	3	Cu	19.0	18	6	46	
310	8	18	02	1	2	Cu	18.6	17	3	39	
320	2	15	00	0	0	—	17.5	19	7	46	
270	2	50	00	0	0	—	17.0	22	6	36	
340	12	30	02	0	0	—	17.2	18	5	43	
340	6	50	01	1	2	Cu	17.2	18	6	46	
260	9	18	02	0	0	—	18.9	18	0	30	
270	2	35	02	0	0	—	19.6	18	8	52	
00	0	35	00	0	0	—	20.8	17	1	34	
00	0	50	00	0	0	—	20.2	16	-1	32	
360	2	15	01	1	2	Cu	18.3	18	6	46	
280	1	50	03	0	7	Cu	17.5	16	5	49	
270	13	35	02	0	0	—	16.2	18	6	46	
320	22	15	01	1	3	Cu	16.4	17	10	64	
360	9	15	02	0	0	—	17.1	19	7	46	

Thursday 17th

290	7	15	03	2	8	Cu, Se	17.0	14	5	18	-3	55	0					
320	9	10	61	6	8	Ns	17.1	13	7	15		67	dr.					
240	8	14	01	2	6	Cu, As	16.7	11	8	16		82	0					
270	7	7	03	2	8	Cu, Ac	16.1	12	5	17		63	0					
350	7	15	80	8	8	Cb, Se, Ac	16.2	15	11	15	-5	77	4	319				
10	10	12	25	8	8	Cb, Ac, As	16.2	13	11	15	-5	88	8					
250	2	1.5	60	6	8	Cb, Se	15.8	10	8	16	-4	88	2					
270	5	1.5	51	6	8	Ns	16.3	12	12	17	-4	97	2					
20	2	3	50	5	8	Ns	16.2	13	11	17	-4	88	dr.					
00	0	35	03	2	8	Cu	16.8	12	12	18	-4	97	0					
00	0	15	03	1	5	Cu	16.6	13	9	17	-4	77	0					
250	9	12	02	2	8	Se	17.2	15	6	17		55	0					
260	9	12	03	2	8	Se	17.2	15	5	17	-3	52	0					
250	3	6	03	2	8	Sc	17.6	12	6	17	-4	67	0	374				
250	3	6	03	2	8	Se	17.5	14	6	20	-1	59	0	375				
270	4	15	03	2	8	Se	17.9	14	3	17	-3	48	0					
00	0	35	02	2	7	Sc	18.2	13	7	19	-3	67	0					
240	1	8	02	0	0	—	18.9	12	3	18	-4	55	0					
270	1	7	00	0	0	—	17.8	12	3	20	-3	55	0					
270	1	7	00	0	0	—	17.6	11	4	23	-1	63	0					
280	9	12	02	0	0	—	18.1	13	5	19		59	0					
00	0	10	02	0	0	—	18.1	10	0	18	-3	50	0					
00	0	15	02	0	0	—	20.0	10	3	18	-3	62	0					
00	0	15	00	0	0	—	20.7	10	0	18		50	0					
00	0	15	00	0	0	—	20.0	13	-3	17	-6	34	0					
00	0	15	00	0	0	—	18.8	11	1	18	-6	51	0					
310	9	15	02	0	0	—	16.3	16	3	18	-5	42	0					
280	12	15	02	0	0	—	17.1	13	4	17	-5	55	0					
330	5	15	02	0	0	—	18.6	17	7	20	-4	52	0					

FRIDAY 18th DECEMBER, 1953

290	5	15	03	2	5	Ac	19.9	+2.5	11	1	9	-1	51	14	190			
350	12	14	02	6	5	Ac, As	19.1		12	2	10		51	3	81			
340	20	14	02	6	7	Ns	18.4	0.0	11	6	9		71	2	62			
340	16	15	03	6	6	Sc	17.0		12	5	10		63	9	80			
310	22	35	02	8	8	Cu, Se, Ac	16.6	-2.0	12	5	10	-2	63	10	65	71		
320	21	12	80	8	8	Cb, Se	16.1	-1.9	12	5	10	-1	63	17	79	54		
250	2	3	50	6	8	Cb, Sc	15.4	-2.6	11	9	9	-1	88	16	169	32		
280	18	10	80	8	8	Cb, Se	14.7	-3.3	12	11	11	-2	94	13	73			
240	6	18	20	5	5	Cb, Ac	13.7	-5.1	11	5	10		67	1	58			
270	9	3	02	6	8	Sc	16.5	-2.2	12	10	9	0	88	2	29	27		
270	2	7	50	6	8	Ns	16.6	-2.0	11	9	10	+1	88	3	30	13		
00	0	35	03	6	8	Cb	17.0	-2.1	10	10	9	+1	97	2	22	11		
320	2	15	02	6	6	Cb	16.7	-2.4	10	10	9		97	1	19			
00	0	15	02	5	8	Cu	16.6	-2.6	9	7	8	0	88	1	10	8		
270	7	7	51	5	8	Cb	16.2		9	7	8		88	dr.	23			
250	13	12	50	5	8	Sc	18.0		11	4	10		63	dr	10			
200	8	12	03	2	8	Se, As	17.2	-1.6	10	3	10	0	62	0	5			
00	0	6	02	5	8	Cb	17.1	-2.1	11	4	10	0	63	dr	3	6		
00	0	6	02	5	8	Cb	17.4	-1.8	11	2	9	+1	54	dr.	1	8		
180	3	7	03	2	8	Ns, As	18.2	-1.2	9	2	8	-2	62	0	3	6		
00	0	35	02	2	0	—	18.7	-0.7	10	3	6	-2	62	0	3	1		
190	4	8	03	0	2	Ac	19.4	-0.1	7	3	3	-4	76	0	dr.			
00	0	14	02	0	0	—	20.0	+0.2	8	1	6	-2	62	0	0			
00	0	7	00	0	0	—	19.5	+0.5	10	3	4	-3	62	0	0			
270	1	35	00	0	0	—	19.2	+0.5	13	4	4	-5	55	0	0			
00	0	30	02	0	0	—	19.3	+0.5	10	4	3		67	0	0			
00	0	50	00	0	0	—	19.1	+0.4	14	10	7	-5	77	0	0			
220	1	35	02	1	3	Cu	20.8	+0.6	8	0	3	-3	58	0	0.5	3		
00	0	35	00	0	0	—	21.5		3	-3	1		65	0	0	3		
00	0	35	00	0	0	—	21.1	+0.9	4	-2	1	-5	65	0	0			
00	0	15	00	0	0	—	19.9	+0.7	7	-1	2	-6	57	0	0			
10	0	35	00	6	7	Cu	15.9	-2.6	14	3	9	-2	48	dr.	24	7		
40	5	50	01	1	2	Cb	16.8	-0.9	11	1	8	-2	51	0	Rain	5		
310	9	15	02	0	0	—	18.4	+0.9	14	3	11	-5	48	0	0	4		

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

S. Barrani 18-12 14		Matruh 18-12 14		Alex A.P. 18-12 14		Almaza 18-12 14 15		Minya 18-12 14		Asyout 18-12 14		Hurghada 18-12 14									
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
360	19	350	17	340	19	300	17	360	11	300	10	340	13								
350	14	320	13	320	13	310	19	350	10	310	10	290	13								
350	16	340	12	300	11	310	23	330	15	320	14	280	16								
340	13	350	23	320	21			290	35	300	20	280	16								
320	18	360	12	280	17			280	20	290	30										
				300	16			300	16	290	33										
										290	32										
										290	40										
										300	57										

P. Said 19-14 02		Almaza 19-14 02 15		Minya 19-14 03		Asyout 19-14 02															
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
240	19	210	5	340	10	[illegible]0	8														
250	24	290	13	330	16	360	13														
260	26	310	16	340	16	340	11														
270	31	310	30	300	17	310	21														
		310	12			290	23														

El Arish 19-12 08		Minya 19-12 08		Asyout 19-12 08		Zakiâa 19-12 08		Khârga 19-12 08		Hurghada 19-12 08											
DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
240	25	330	7	330	10	20	4	20	11	310	22										
260	34	320	19	340	13	20	10	20	14	310	23										
270	30	320	18	330	13	360	17	360	15	310	28										
280	23	320	13	320	17	340	23	340	19	320	16										
		350	24			340	31														
		340	24			320	31														
		360	28			310	36														

UPPER AIR OBSERVATIONS

BY RADIOSONDE - RADIOWIND

Cairo A. P. 18-12 15																			
P	TEMP	HUM	WIND		P	WIND	ALT.	TEMP	HUM	P	WIND	ALT.	TEMP	HUM	WIND		P	WIND	
			DIR.	SPEED		DIR. SPEED	m.	°C	%		DIR. SPEED	m.	°C	%	DIR.	SPEED		DIR.	SPEED
70	12		330	15															
154	12		330	15															
1489	1		310	22															
3018	-10		300	33															
5562	-24																		
7157	-35																		
9118	-46																		
11750	-55																		

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Saturday 19 16 December 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
43	" , " not "	preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	
46	" , " discernible	has begun or become thicker
47	" , " not "	during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	
52	" " " intermittent	moderate
53	" " " continuous	
54	" " " intermittent	thick
55	" " " continuous	
56	" , freezing, slight	
57	" " , moderate or thick	
58	" and rain, slight	
59	" " " , moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	
62	" " " intermittent	moderate
63	" " " continuous	
64	" " " intermittent	heavy
65	" " " continuous	
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	
72	Intermittent " " "	moderate
73	Continuous " " "	
74	Intermittent " " "	heavy
75	Continuous " " "	
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or	slight
90	rain and snow mixed, not with thunder	moderate
91	Slight rain	Thunderstorm 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
Ce	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.

Weather still cold with moderate northwesterly winds freshening at times near the Coast. Much low clouds increasing later in Lower Egypt and Cairo District. Light scattered showers in Upper Egypt weather generally clear.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO 04 46 / 14 59

All Times are Universal Times (GMT) (Two hours earlier than local time)

At 1200 — FRIDAY 18th DECEMBER 1953

340	7	35	02	2	4	Cu	20.4	14	1	42
10	14	15	02	8	6	Cu, Ac	19.1	13	3	51
350	14	15	02	2	7	Sc	18.7	13	3	51
340	10	35	02	1	4	Cb	17.1	13	4	55
330	19	18	25	8	4	Cu, Ac	16.2	14?	3	48
320	5	3	59	6	8	Cb, Sc	15.2	15?	8	63
320	24	18	03	8	6	Cu, Sc	15.2	13	8	72
250	14	18	02	2	6	Ns	13.7	13	3	51
320	13	35	01	1	3	Cb	15.6	15	4	48
310	13	35	03	2	3	Cu	16.0	14	3	48
320	1	35	01	2	2	Cu	16.6	14	5	55
270	5	35	03	6	5	Ac	15.4	15	4	48
320	10	12	01	2	7	Ns	17.6	13	8	72
290	8	15	03	2	7	Cu, Sc	16.5	14	7	63
290	5	8	02	8	8	Cb, Ac	17.5	15	2	42
290	5	8	02	8	8	Cb, Ac	17.0	15	7	59
00	0	7	02	5	8	Cb	17.1	12	5	63
360	4	35	20	5	8	Cb	17.2	14	8	67
350	12	10	02	1	3	Cu	17.1	18	7	49
300	4	30	02	0	0	–	17.4	18	-2	26
270	2	50	00	0	0	–	16.6	20	6	41
290	13	30	02	0	0	–	16.9	19	4	37
10	6	18	03	1	6	Cu, Ci	19.5	16	4	45
320	2	35	03	2	6	Ac	19.2	17	4	60
360	4	35	00	0	0	–	19.8	18	0	28
340	4	50	00	0	0	–	18.8	18	-1	28
00	0	15	00	0	0	–	17.5	20	-1	24
310	4	09	01	0	5	Cb	15.6	16	3	42
310	9	50	03	1	4	Sc, Cu	15.5	19	-3	23
300	16	18	02	1	2	Sc, Ac	14.6	19	3	35
360	5	15	02	0	0	–	14.5	20	6	41

At 1800 — FRIDAY 18th DECEMBER 1953

290	16	15	03	8	6	Ns	21.5	11	1	15	-6	51	dr
360	12	14	02	8	6	Cu, Ac	21.2	11	4	15		63	0.3
340	14	12	02	8	7	Ns	20.5	12	0	13		44	dr
340	8	7	03	2	7	Ns	19.1	11	1	13		51	0
340	14	12	01	2	4	Cu, Sc	19.1	11	2	14	-6	54	0.1
340	5	7	01	5	1	Cu	18.5	11	1	15	-5	51	Rain
340	17	12	02	2	5	Cu, Sc	17.7	12	3	15	-4	55	0.2
270	9		02	1	1	Ac	18.6	9	4	15	-6	71	0
320	2	7	01	1	3	Cu	18.4	10	3	16	-5	62	0
00	0	35	01	2	4	Cu	18.6	8	6	15	-6	88	0
320	2	15	01	1	2	Cu	18.6	10	8	18		88	4
00	0	15	02	1	0	–	19.0	7	5	17	-4	87	0
290	2	35	01	1	2	Ac	18.2	10	0	16		50	3
320	3	12	02	2	7	Sc	19.8	9	6	14		71	2
290	6	14	03	2	7	Sc	19.0	10	5	14	-6	71	2
00	0	6	01	2	4	Ac	19.4	11	4	15	-6	63	3
00	0	6	01	2	4	Ac	19.2	10	5	17	-3	71	2
340	6	15	01	1	5	Ac	19.8	10	0	12	-8	50	Rain
00	0	35	02	5	6	Cb	21.0	11	4	15	-7	63	dr
10	7	8	01	2	2	Sc	19.5	11	7	15	-6	77	0
260	1	10	02	1	1	Ac	18.9	12	3	18	-4	55	0
00	0	7	00	0	0	–	18.2	10	3	21	-2	62	0
00	0	7	00	0	0	–	17.6	11	4	21	-3	63	0
00	0	12	02	0	0	–	17.7	12	3	20?		55	0
360	2	50	00	0	0	–	17.9	16	8	26?	+1	59	0
360	2	15	02	2	7		20.3	12	8	18	-3	77	0
00	0	14	00	0	0	–	20.8	10	1	19		54	0
00	0	15	00	0	0	–	18.2	10	3	20	-4	62	0
360	4	15	01	0	4	Cu	17.9	11	4	17	-5	63	0
310	5	35	01	2	2	Cu	16.8?	14	3	19	-3	48	0
390	23	10	01	1	2	Ac	16.0?	16	1	21	-1	36	0
360	5	15	02	0	0	–	17.8	18	3	22	-2	37	0

At 0600 — SATURDAY 19th DECEMBER 1953

	320	5	15	01	1	2	Ac	23.6	+6.2	9	2	6	-4	62	dr	190	
	350	12	15	25	5	5	Cu, Ac	22.6		12	3	8		55	2	83	
	320	14	14	01	6	6	Ns	22.6	+4.2	11	4	8		63	2	64	
	340	6	15	58	5	7	Ns	22.3		10	6	7		76	8	88	
319	310	19	35	03	8	6	Cu, Sc	20.8	+2.1	9	7	7	-5	88	4	69	73
	310	13	14	80	8	7	Cb	20.8	+2.8	8	7	8	-3	94	2	81	55
	200	5		02	6	2	Cu, Sc	19.5	+1.5	8	6	6	-4	88	3	172	32
	270	22	15	01	1	3	Cu, Sc	18.9	+0.9	10	6	9	-4	76	0.3	74	
	240	9	18	01	5	2	Cu, Sc	18.4	-0.4	8	3	6		71	2	60	
	310	13		62	6	8	Sc	20.7	+2.0	9	7	7	-2	88	1	30	27
	220	2	15	01	1	3	Sc, Cu	20.3	+1.7	8	6	6	-3	88	0	30	14
	220	2	35	01	6	3	Cu	20.8	+1.7	8	8	6	-2	97	1	22	11
																23	
	00	0	15	02	1	7	Cu	20.8	+1.6	8	8	6	-2	77	0	10	8
	250	5	35	03	2	8	Ac	20.4		8	6	6		88	3	26	
	240	12	12	03	2	7	Sc	22.0		8	5	5		82	2	12	
	230	10	15	03	2	8	Sc	21.7	+2.9	8	4	6	-4	76	0	7	
374	00	0	6	02	2	8	Sc, Ac	22.0	+2.8	8	5	6	-4	82	3	6	7
375	00	0	6	02	2	8	Sc, Ac	22.2	+3.0	8	4	4	-3	76	2	3	8
	00	0	7	02	2	8	Sc	22.8	+3.3	6	2	5	-5	76	Rain	Rain	6
	360	4	35	02	2	6	Sc	23.4	+4.0	6	4	4	-4	87	0	3	1
	360	2	8	03	1	2	Cu	23.3	+3.7	6	4	3	-4	87	0	0	
	00	0	14	00	1	0	–	23.3	+3.4	8	3	6	-2	71	0	0	
	00	0	7	00	0	0	–	22.0	+2.9	9	4	4	-3	71	0	0	
	270	3	35	00	0	0	–	22.8	+4.0	12	5	4	-4	63	0	0	
	00	0	18	00	0	0	–	22.4	+3.5	9	0	4		54	0	0	
	00	0	50	00	0	0	–	22.2	+3.4	13	7	7	-5	67	0	0	
	260	3	18	02	0	0	–	24.6	+4.2	3	0	1	-4	81	0	0	3
	00	0	35	02	0	0	–	24.0	+3.8	8	0	4	-2	58	0	0	3
	00	0	35	00	0	0	–	21.7		7	-1	2		57	0	0	
	00	0	35	00	0	0	–	24.4	+4.2	7	-1	4	-2	57	0	0	
	00	0	15	02	1	1	Ac	22.4	+3.2	9	2	4	-4	62	0	0	
	60	4	35	00	0	4	Cu	20.7	+2.2	7	4	4	-7	81	0	24	7
	320	5	50	03	2	6	Ac	20.3	+2.6	13	-3	8	-2	34	0	0	5
	290	10	18	02	0	3	Sc	20.1	+3.1	12	3	8	-4	55	0	0	
	330	9	15	03	0	2	Cu	20.0	+2.5	14	3	11	-5	48	0	0	4

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh	Mersa	Asyout	Dakhla	Kharga	Hurghada
DATE	19-12	19-12	19-12	19-12	19-12	19-12
TIME	14	14	14	14	14	14
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
500 m.	330 23	350 18	330 12	350 14	10 11	340 25
1000 m.	330 23	340 19	340 12	340 14	10 16	340 24
1500 m.	330 23	340 12	340 15	350 14	360 18	320 17
2000 m.	320 23	320 10	340 13	360 11	350 17	
2500 m.	320 20		340 19	360 24		
3000 m.						
4000 m.						
5000 m.						
6000 m.						
7000 m.						
8000 m.						

STATION	P.Said	Mersa	Asyut	Himaza											Gaafra
DATE	20-12	20-12	20-12	20.12											20-12
TIME	02	02	02	03											08
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR. SPEED
500 m.	280 12	320 5	330 8	260 19											30 4
1000 m.	280 12	320 10	350 13	290 16											10 6
1500 m.	290 10	320 16	340 18	250 15											350 8
2000 m.	300 10	320 20	330 20	320 18											350 10
2500 m.	320 9	320 19	340 30												340 10
3000 m.	330 10		340 30												340 11
4000 m.															
5000 m.															
6000 m.															
7000 m.															
8000 m.															

STATION	Matruh	Almaza	Helwan	Mersa	Asyout	Luxor	Siwa	Baharyia	Dakhla	Kharga	Hurghada
DATE	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12
TIME	08	08 15	06 45	08	08	08 15	08	08	08	08	08 15
ALTITUDE	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED	DIR. SPEED
500 m.	280 10	230 13	180 7	320 9	340 5	10 8	120 7	10 11	20 5	30 10	320 24
1000 m.	320 12	250 16	240 8	320 5	340 11	10 10	120 3	360 18	20 13	30 17	320 26
1500 m.	330 14	310 18	310 17	330 11	340 16	360 23	350 3	350 9	20 15	20 17	320 23
2000 m.	340 16	310 37			350 19	350 14	360 9	350 13	10 18	360 23	340 10
2500 m.	330 17				340 30	340 18	320 9	360 10			
3000 m.					340 31	290 10	330 12	360 12	360 31		
4000 m.					350 40		330 12	10 9			
5000 m.							330 19				
6000 m.											
7000 m.											
8000 m.											

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION														WIND	ALT	TEMP	HUM	WIND
DATE														DIR. SPEED	m.	°C	%	DIR. SPEED
TIME																		
ALTITUDE																		
500 m.																		
1000 m.																		
1500 m.																		
2000 m.																		
2500 m.																		
3000 m.																		
4000 m.																		
5000 m.																		
6000 m.																		
7000 m.																		
8000 m.																		

REMARKS:

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Sunday 20th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00	No cloud development observed	during last hour
01	Cloud dissolving or less developed	during last hour
02	Sky generally unchanged	during last hour
03	Cloud forming or developing	during last hour
04	Visibility reduced by smoke	
05	Dry haze	
06	Widespread dust in suspension	
07	Dust or sand raised	
08	Dust devils within last hour	
09	Dust or sandstorm within last hour	
10	Mist	
11	Patches of shallow fog less than 2 m	
12	Continuous " on land or 10 m. on sea	
13	Lightning but no thunder heard	
14	Precipitation not reaching ground	
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 dust storm or sandstorm	decreased during preceding hour
31		no change during preceding hour
32		increased during preceding hour
33	Severe dust storm 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	
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	" " " moderate or heavy	
89	Shower (s) of hail with or without rain or * slight	
90	" rain and snow mixed or with thunder, moderate or heavy	
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 dust storm 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.

Moderate northwesterly winds fresh at times. Some low and medium clouds increasing by day especially near the Coast with light scattered showers. Weather improves and temperature tends to rise slightly tomorrow. In Upper Egypt generally clear with no change in temperature.

(334)

SYNOPTIC SURFACE OBSERVATIONS

CAIRO [Time of Sunset 04 46 / Sunrise 14 59 GMT]

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

At 1200 on SATURDAY 19th DECEMBER 1953

WIND Direction (Deg)	WIND Velocity (N knots)	CLOUD Direction of Lowest Clouds	CLOUD Height of Lowest Clouds (Hundreds of Feet)	CLOUD Amount of Lowest Clouds (0-8)	CLOUD Amount of Second Layer (0-8)	CLOUD Forms	VISIBILITY (Nearest Mile)	PRESENT WEATHER (W.W. Code)	PAST WEATHER (W Code)	CLOUD Amount (0-8)	CLOUD Forms	TEMPERATURES Wet Bulb M.S.	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES Maximum Today	TEMPERATURES Maximum Diff. from Normal	RELATIVE HUMIDITY (%)	RAIN PAST 12 hrs. (mms.)
320	6	35	02	1	3	Cu	23.4	15	3	45	290	7	15	02	1	3	Cu	24.4	11	4	15	-5	63	0
330	10	18	02	0	3	Cu	22.9	14	3	48	360	7	14	02	0	3	Cu	24.6	12	2	14		51	0
330	11	18	02	6	6	Cu	22.9	13	6	63	340	8	12	03	0	5	Cu	24.5	11	4	13		63	1
340	12	35	03	2	6	Sc, Cu	21.3	12	8	77														
310	19	35	01	5	4	Cu	21.0	13	4	55	330	22	35	02	1	4	Cu	22.8	12	3	14	-6	55	0.3
310	16	18	02	8	6	Cu, Sc	20.8	14	4	52	320	16	12	01	2	2	Cu	22.8	12	1	14	-6	47	0
320	9	15	01	6	4	Cu	19.2	13	3	51														
350	20	18	02	8	6	Cu, Sc	19.5	13	7	67	280	16	14	02	1	4	Cu, Sc	22.1	11	5	14	-5	67	0.1
260	12	18	60	6	7	Cb	17.9	10	6	76														
40	13	15	02	5	2	Cu	20.8	14	3	48	310	9		02	1	1	Cu	22.2	9	4	15	-6	71	dr
320	9	35	01	5	2	..	20.3	14	3	48	340	2	7	00	1	0	—	22.1	9	4	15	-6	71	dr
310	16	35	03	6	8	..	1.0	13	4	55	00	0	35	02	0	0	—	22.7	6	6	15	-6	97	1
320	9	35	01	1	4	..	21.4	13	4	55	270	2	15	00	0	0	—	22.8	7	5	15		87	0
220	1	35	01	5	3	Cu	20.6	12	8	77														
270	3	35	21	6	5	Ac	19.9	11	4	63														
240	16	18	02	2	7	Cb	21.7	14	8	67	220	5	12	02	0	0	—	23.6	9	7	15		88	0
270	16	30	03	2	7	Sc, Cu	21.7	14	6	59	260	2	12	00	0	0	—	23.6	9	5	15	-6	76	0
250	8	12	01	2	7	Cb, Ac	21.8	14	5	55	240	3	8	01	8	0	—	23.9	10	4	15	-6	67	dr
250	8	12	01	2	7	Cb, Ac	21.7	17	7	52	240	3	8	01	8	0	—	23.4	8	4	17	-3	76	dr
290	9	35	01	1	4	Cu, Sc	21.6	13	1	44	290	1	15	01	1	0	—	23.9	8	3	13	-7	71	0
360	6	35	20	5	8	Cb	22.3	13	4	55	00	0	35	01	5	0	—	23.8	9	4	14	-8	71	dr
320	9	10	03	2	6	Sc	22.9	16	1	36	30	1	8	03	1	2	Cu	24.1	8	2	16	-5	66	0
330	10	18	03	1	3	Cu	22.3	15	-2	32														
340	3	15	00	0	0	—	20.7	17	1	34	00	0	7	00	0	0	—	22.8	9	4	17	-6	71	0
270	1	50	00	0	0	—	20.4	18	-1	28	270	1	7	00	0	0	—	23.1	10	0	18	-6	50	0
320	12	30	02	0	0	—	20.5	16	3	42	290	9	12	02	0	0	—	23.3	10	2	18		58	0
											340	3	50	00	0	0	—	22.1	15	7	19	-6	59	0
360	2	35	03	1	2	Cu	23.6	14	5	55	320	2	15	02	1	1	Cu	26.2	10	3	15	-6	62	0
											00	0	15	00	0	0	—	26.3	8	3	16		71	0
340	9	35	00	0	0	—	23.9	15	-3	30	340	4	15	00	0	0	—	25.8	10	-4	15	-8	38	0
360	3	15	00	0	0	—	21.6	17	1	34	00	0	15	00	0	0	—	24.5	9	-2	17	-7	47	0
220	4	50	02	0	4	Cu	20.0	15	1	39														
310	13	50	01	1	2	Cu	19.4	16	-1	32	360	5	35	03	2	3	Cu	22.0	12	3	17	-5	55	0
											290	15	12	03	1	2	Sc	21.1	11	1	15	-7	51	0
360	5	15	02	1	1	Cu	19.0	19	1	30	360	9	15	01	1	0	—	19.5	15	1	19	-5	39	0

At 0600 on SUNDAY 20th DECEMBER 1953

AREA	INDEX NUMBER	STATION	WIND Direction (Deg)	WIND Velocity (N knots)	CLOUD Direction of Lowest Clouds	CLOUD Height of Lowest Clouds (Hundreds of Feet)	PRESENT WEATHER (W.W. Code)	PAST WEATHER (W Code)	CLOUD Amount (0-8)	CLOUD Forms	BAR. PRESSURE M.S.L. (mb)	BAR. PRESSURE Diff. from normal (mb)	TEMPERATURES Dry Bulb	TEMPERATURES Dew Point	TEMPERATURES Minimum Today	TEMPERATURES Minimum Diff. from normal	RELATIVE HUMIDITY (%)	RAINFALL (mms.) Past 24 hrs.	RAINFALL (mms.) Total From 1st Oct. to 1200	RAINFALL (mms.) Normal From 1st Oct. to 1200
NORTH EASTERN AREA	62500	SALOUM	270	5	15	01	1	2	2	Cu	25.9	+8.5	9	2	7	-3	62	c	190	
	606	BIR HARRERN	200	7	14	02	2	6	4	Ac, As	25.3		8	3	7		71	0	83	
	608	MATRUH (A)	260	13	18	02	1	3	3	Sc, Ac	25.7	+7.3	8	4	6		76	1	65	
	609	EL DABAA																		
	319	ALEXANDRIA	310	19	35	03	1	5	5	Cu, Sc	24.3	+5.6	13	7	10	-2	67	0.3	69	75
	610	ALEXANDRIA (M)	330	18	18	02	8	6	6	Cu, Sc, Ac	24.2	+6.2	13	5	12	+1	59	dr	81	56
	320	DAMIETTA	200	5	7	25	6	3	3	Cu	23.1	+5.1	9	7	3	-7	88	3	175	33
	322	PORT SAID (A)	270	14	12	01	8	2	2	Cu, Sc	23.0	+5.0	9	7	8	-5	88	0.1	74	
	318	EL ARISH	230	7	18	21	6	5	5	Cu, Sc	24.0	+5.2	7	5	6	-2	87	13	73	
CENTRAL AREA	305	EMARSHILD	270	9		02	1	1	1	Cu	23.9	+5.2	8	6	6	-3	88	dr	30	28
	304	MARSH ST	270	2	15	01	6	3	3	Sc, Cu	24.2	+5.6	8	6	5	-4	88	2	32	14
	306	[illegible]	00	0	35	02	0	0	0	—	24.3	+5.2	8	6	5	-3	88	1	23	11
	307	[illegible]	250	5	15	01	1	2	2	Cu	24.4	+5.2	8	6	5		88	0	23	
	308	ALMAZA EL KEBIR	220	1	15	02	0	0	0	—	24.7	+5.5	6	6	6	-2	97	0	10	8
	314	FAYOUM	250	7	35	01	1	6	6	Ac	24.2		9	4	6		71	dr	26	
	312	CAIRO (A)																		
	313	CAIRO (M)	220	15	12	03	2	7	7	Sc	25.7		8	7	7		94	0	12	
	315	[illegible]	200	7	14	03	1	5	5	Sc	25.3	+6.4	8	6	7	-3	88	0	7	
	374	ABU ROWASH (A)	80	3	6	01	2	6	6	Sc, Ac	25.4	+6.1	8	6	7	-2	88	dr	6	7
	375	ABU SIR	80	3	6	01	2	6	6	Sc, Ac	26.0	+6.7	9	5	5	-2	76	dr	3	8
		[illegible]	180	4	7	20	5	4	4	Cu, Sc	26.0	+6.5	7	5	5	-5	87	dr	3	6
		[illegible]	20	4	35	02	2	6	6	Cb	27.0	+7.6	7	5	4	-4	87	dr	3	1
		[illegible]	00	0	8	62	0	0	0	—	27.1	+7.5	4	3	1	-6	93	0	dr	
		[illegible]	00	0	14	02	0	0	0	—	27.4	+7.5	7	2	4	-4	71	0	0	
		[illegible]	00	0	7	00	0	0	0	—	26.3	+7.2	6	1	1	-6	71	0	0	
		[illegible]	270	1	35	00	0	0	0	—	25.5	+6.7	9	2	2	-6	62	0	0	
		[illegible]	00	0	30	02	0	0	0	—	25.1	+6.2	9	2	2		62	0	0	
		[illegible]	340	6	50	00	0	0	0	—	26.7	+7.9	9	4	6	-5	71	0	0	
		[illegible]	00	0	13	02	0	0	0	—	26.6	+6.2	2	-1	1	-4	81	0	0	3
		[illegible]	00	0	35	02	0	0	0	—	27.6	+7.4	4	-1	0	-6	70	0	0.5	3
		[illegible]	00	0	35	00	0	0	0	—	27.8		5?	-1	-1		65	0	0	
		[illegible]	00	0	15	00	0	0	0	—	27.4	+7.1	5	-4	1	-5	53	0	0	
		[illegible]	00	0	15	00	0	0	0	—	27.2	+5.4	6	1	2	-6	71	0	0	
		[illegible]	220	3	35	00	0	6	6	Cb	24.4	+5.9	8	6	4	-7	88	0	24	7
		[illegible]	360	5	35	01	1	2	2	Cu	24.7	+6.9	12	3	8	-2	55	0	RAIN	6
		[illegible]	260	15	18	02	1	1	1	Sc	24.5	+7.4	9	-1	5	-6	50	0	0	
		[illegible]	310	5	15	02	0	1	1	Sc	23.8	+6.3	12	1	9	-7	47	0	0	4

WAR DIARY — DEPT. — POSITION — EL CAIRO — EL FAYOUM — GENERAL

S. SUDAN: KALAKAL — WAU — JUBA

RETARDS — DATE

* 8 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Alex. A.P.	P. Said	Almaza	Minya	Asyout	Aswan	Dakhla	Kharga	Farafra
DATE	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12	20-12
TIME	14	14	15	14	14	14	14	14	14

ALTITUDE	Alex. A.P. DIR	Alex. A.P. SPEED	P. Said DIR	P. Said SPEED	Almaza DIR	Almaza SPEED	Minya DIR	Minya SPEED	Asyout DIR	Asyout SPEED	Aswan DIR	Aswan SPEED	Dakhla DIR	Dakhla SPEED	Kharga DIR	Kharga SPEED	Farafra DIR	Farafra SPEED
300 m.	320	11	310	23	310	6	350	7	330	9	340	8	30	6	40	5	340	25
600 m.	310	10	300	27	310	12	360	12	350	10	350	12	40	5	60	7	340	23
1000 m.	310	12	300	28	310	14	350	10	360	11	360	14	50	5	20	4	320	26
1500 m.	320	16	300	34	320	12	340	15	350	23	20	13	50	10	10	15		
2100 m.			310	34			340	28	340	30	10	32	20	16	350	13		
2400 m.			310	32					340	12	360	32	10	13	330	13		
3000 m.									320	32			360	16	340	16		
4000 m.													360	26				
5000 m.																		
6000 m.																		

STATION	Matruh	El Arish
DATE	21-12	21-12
TIME	05	04

ALTITUDE	Matruh DIR	Matruh SPEED	El Arish DIR	El Arish SPEED
300 m.	220	9	260	11
600 m.	240	4	310	13
1000 m.	260	4	320	15
1500 m.	290	13	320	16
2100 m.	280	16		
2400 m.	290	17		
3000 m.				
4000 m.				
5000 m.				
6000 m.				

STATION	Matruh	P. Said	Helwan	Asyout	Luxor	Dakhla	Kharga	Bahariya	Farafra	Sarura
DATE	21-12	21-12	21-12	21-12	21-12	21-12	21-12	21-12	21-12	21-12
TIME	08	08	06 30	08	08 45	08	08	08	08	08

ALTITUDE	Matruh DIR	Matruh SPEED	P. Said DIR	P. Said SPEED	Helwan DIR	Helwan SPEED	Asyout DIR	Asyout SPEED	Luxor DIR	Luxor SPEED	Dakhla DIR	Dakhla SPEED	Kharga DIR	Kharga SPEED	Bahariya DIR	Bahariya SPEED	Farafra DIR	Farafra SPEED	Sarura DIR	Sarura SPEED
300 m.	210	1	270	9	30	6	40	6	20	6	100	6	40	16	190	11	320	13	160	10
600 m.	190	5	270	3	300	7	30	11	20	6	100	7	60	12	180	14	320	15	160	10
1000 m.	240	1	330	3	300	9	30	13	40	12	60	4	50	8	180	15	350	14	170	14
1500 m.	260	9			320	9	340	16	30	10	330	10	350	15	190	21	340	13	280	8
2100 m.	290	21			330	13	320	22	340	20	310	14	350	19	190	26	320	25	300	14
2400 m.	290	23			310	16	310	22	340	23	330	17	350	19	180	23	330	29	300	23
3000 m.											340	24								
4000 m.																				
5000 m.																				
6000 m.																				

UPPER AIR OBSERVATIONS

BY RADIOSONDE - RADIOWIND

STATION	Cairo A.P.
DATE	20 - 12
TIME	15

	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED	ALT m.	TEMP °C	HUM %	WIND DIR	WIND SPEED
Surface	70	13		320	10															
1000 mb.	204	12		320	10															
950 mb.																				
900 mb.																				
850 mb.	1539	1		320	19															
800 mb.																				
700 mb.	3084	-6		320	42															
600 mb.																				
500 mb.	5654	-19		320	80															
400 mb.	7281	-30																		
300 mb.	9253	-44																		
200 mb.																				

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Monday 21st December 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. التوقعات العامة من ظهر اليوم إلى ظهر غد

Slight improvement in the weather continues. Moderate to fresh winds mainly westerly. Some low and medium clouds increasing by day especially near the Coast, with light scattered showers in Lower Egypt.

In Upper Egypt clear with no change in temperature.

تستمر بوادر التحسن في الجو. الرياح معتدلة إلى نشطة غربية في أغلبها. تزداد السحب المنخفضة والمتوسطة بالتدريج أثناء النهار خاصة قرب الساحل مع فرصة لزخات متفرقة من الوجه البحري.

أما في الصعيد فالجو صحو ولا تغير في درجة الحرارة.

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

SYNOPTIC SURFACE OBSERVATIONS

04 47
14 59

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

At 1200 SUNDAY 20th DECEMBER 1953 — 1800 SUNDAY 20th DECEMBER 1953

220	7	35	03	2	6	Ac	24.4	15	1	39	40	4	15	03	2	7	Cs	23.4	13	4	16	-4	55	0
260	6	18	02	2	6	Ac	24.2	15	6	55	170	3	14	02	2	6	Ac,As	24.0	11	6	16		82	0
270	8	18	02	2	7	Sc,Cu,Ac	24.5	14	8	67	230	7	12	02	2	8	Ac,As	24.5	10	9	15		94	0
310	15	35	01	1	3	Cu	23.6	15	4	48	300	13	35	03	0	5	Cu,Sc	24.6	14	5	16	-4	55	0
300	17	18	01	2	5	Cu	23.9	16	4	45	300	10	12	03	1	7	Ac	24.6	13	6	17	-3	63	0
290	9	35	01	1	1	Cu	23.6	15	4	48				03	0	3	Cu	24.2	13	5	15	-5	59	0
310	12	14	03	8	6	Cu,Sc	22.9	14	9	72	280	10	18	03	8	4	Cu,Sc	23.1	11	9	15	-4	88	0.6
260	8	30	62	6	7	Cb	21.5	11	7	77														
310	9	15	02	1	2	Cu	23.9	15	7	59	310	9	3	02	1	2	Ac	24.6	9	7	16	-5	88	0
320	5	35	03	2	6	Sc,Cu	23.4	15	4	48	340	2	7	03	2	5	Cu	24.6	10	6	16	-5	76	0
310	8	35	03	2	5	Cu	23.4	15	7	59	00	0	35	03	2	7	Ac	24.3	8	6	16	-5	88	0
320	9	35	01	1	3	Cu	23.4	16	8	59	320	2	15	00	0	0	–	24.6	9	7	17		88	0
320	1	35	02	1	3	Cu	23.8	16	5	49	00	0	15	02	1	3	Ac	24.4	9	7	17	-4	88	0
340	3	35	02	1	6	Ac	23.5	16	5	49	250	2	35	01	1	2	Ac	24.3	11	1	17		51	0
290	15	18	02	1	4	Cu	24.6	14	9	72	290	2	12	02	1	0	–	25.7	11	8	16	-4	82	0
260	8	30	03	1	5	Cu,Sc	24.6	15	7	59	290	2	12	01	0	0	–	25.1	11	7	16	-4	77	0
270	4	18	02	2	6	Cu,Sc	24.8	16	4	45	00	0	8	00	2	0	–	25.5	12	6	17	-4	67	0
270	4	18	02	2	6	Cu,Sc	24.7	16	7	56	00	0	8	00	2	0	–	25.0	9	6	18	-2	82	0
290	7	35	03	1	6	Cu	24.6	14	3	48	320	3	15	01	1	0	–	25.9	11	2	14	-6	54	dr
360	6	35	02	2	6	Cb	24.7	15	4	48	00	0	35	0!	0	0	–	25.7	10	6	17	-5	76	0
40	2	8	02	1	2	Cu	25.1	16	6	52	00	0	8	02	0	0	–	25.6	9	4	14	-7	71	0
330	5	18	03	1	4	Cu	25.5	14	3	48	00	0	10	02	0	0	–	26.0	10	1	15	-6	54	0
290	2	7	00	0	0	–	23.4	16	7	56	00	0	7	00	0	0	–	23.9	9	4	19	-4	71	0
320	1	50	00	0	0	–	23.4	19	1	30	270	1	7	00	0	0	–	23.4	10	3	20	-4	62	0
340	9	30	02	0	0	–	23.4	16	5	49														
20	6	50	00	0	0	–	23.3	16	8	59	360	3	50	00	0	0	–	23.4	14	5	17	-8	55	0
360	1	35	02	0	0	–	25.0	15	7	59	00	0	15	02	0	0	–	26.7	8	3	16	-5	71	0
00	0	35	00	0	0	–	25.9	16	3	42	00	0	15	00	0	0	–	27.9	8	-3	18		46	0
00	0	50	00	0	0	–	25.8	16	-1	32	270	4	15	00	0	0	–	26.6	11	-2	16	-7	41	0
40	1	15	00	0	0	–	24.2	16	3	42	00	0	15	00	0	0	–	24.7	9	4	16	-7	71	0
310	5	50	01	0	4	Cb	23.3	16	3	42	310	3	15	01	0	1	Cu	24.3	12	3	17	-4	55	0
310	13	50	01	1	1	Cu	22.8	16	-1	32	310	5	35	02	1	0	–	23.8	15	1	17	-5	39	0
320	24	30	02	1	1	Sc	22.6	15	6	55	290	12	15	02	1	1	Sc	23.7	11	2			54	0
20	13	15	02	0	0	–	23.0	17	4	42	310	5	15	02	0	0	–	23.4	15	4	17	-7	48	0

At 0600 SUNDAY 21st DECEMBER 1953

Index Number	Wind Direction	Wind Velocity	Visibility	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Total From Oct. 1st	Normal From Oct. 1st
	220	13	15	03	2	6	Ac	21.8	+4.4	11	-2	6	-4	41	0	190	
	180	6	14	02	2	6	Ac,As	23.1		9	2	8		62	0	83	
	240	1	12	02	2	7	Ac	24.4	+5.9	9	5	8		76	0	65	
319	110	6	7	80	8	8	Cu,Sc	25.6	+6.9	11	11	11	-1	97	19	88	77
	180	10	8	81	8	8	Cu,Sc	25.6	+7.6	11	9	11	0	88	12	93	57
	200	2	3	03	6	8	Cu,Sc	25.5	+7.5	10	8	8	-2	88	3	178	34
	250	8	12	02	2	7	Cu,Sc	25.4	+7.4	11	9	10	-3	88	1	75	
	240	5	18	03	6	5	Sc,Cu,Ac	24.8	+6.0	9	5	7		76	16	89	
	110	5	1.5	67	6	8	Sc	25.5	+6.8	10	10	7	-2	97	2	32	29
	270	2	7	03	2	8	Ns	25.4	+6.7	10	8	7	-2	88	0	32	14
	00	0	35	03	6	8	Cu	25.2	+6.1	10	10	6	-2	97	0.2	23	11
	320	2	15	01	1	3	Cu	26.1	+6.9	10	8	7		88	0	23	
																	9
	270	2	35	02	2	8	Ac	25.5		10	9			97	0	26	
	220	10	12	02	2	7	Sc	26.6		10	7	8		82	0	12	
	180	7	14	03	2	7	Sc	26.3	+7.4	10	5	8	-2	71	0	7	
374	00	0	8	02	2	8	Sc	26.4	+7.1	11	5	8	-1	67	0	6	7
375	00	0	8	02	2	8	Sc	26.3	+7.0	10	5	6	-1	71	0	3	8
	00	0	7	03	2	8	Ac,As	27.1	+7.6	10	3	8	-2	62	dr	3	7
	00	0	35	02	2	8	Cb	27.2	+7.8	10	6	6	-2	76	0	3	2
	30	1	8	02	0	0	–	27.4	+7.7	4	3	2	-4	93	0	dr	
																0	
	00	0	7	00	0	0	–	25.8	+6.6	7	2	3	-4	71	0	0	
	270	1	35	00	0	0	–	25.6	+6.8	10	0	5	-3	50	0	0	
	60	2	30	02	0	0	–	25.9	+6.9	9	2	2		62	0	0	
	00	0	50	00	0	0	–	25.2	+6.4	10	8	6	-5	88	0	0	
	00	0	18	03	0	0	–	24.6	+4.1	3	-1	1	-4	75	0	0	3
	00	0	35	02	0	0	–	26.0	+5.8	7	2	1	-5	71	0	0.5	3
	00	0	35	00	0	0	–	26.8		1	-2	-1		80	0	0	
	00	0	35	01	1	3	Ci	27.4	+7.1	4	-5	1	-5	52	0	0	
	00	0	15	02	0	1	Ci	25.9	+6.7	7	2	2	-6	71	0	0	
	360	3	35	00	0	5	Ac	26.0	+7.4	9	4	5	-6	71	0	24	8
	360	5	50	01	1	1	As	25.8	+8.0	13	1	7	-3	44	0	RAIN	6
	280	12	18	02	0	1	Sc	25.3	+8.2	10	0	7	-4	50	0	0	
	310	9	15	02	0	0	–	25.1	+7.6	13	4	10	-6	55	0	0	4

* ⊗ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	Matruh	Alex A.P	Minya	Asyout	Tamaieh	Dakhla	Kharga	Hurghada												
DATE	21-12	21-12	21-12	21-12	21-12	21-12	21-12	21-12												
TIME	14	14	14	14	14	14	14	14												
ALTITUDE	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300 m	200	10	180	4	300	3	10	2	130	10	170	2	50	7	350	10						
600 m	220	6	230	5	300	3	10	3	140	9	150	3	50	5	340	10						
1000 m	210	4	260	10	270	3	350	4	160	5	70	3	50	11	290	13						
1500 m	270	17	260	12	330	7	10	13	320	10	360	5	10	16	210	16						
2100 m	290	21	290	16	320	17	340	21			120	12	340	15								
2400 m	300	17	300	17	330	23	330	20			320	14	330	16								
3000 m	230	23	310	21			310	30														
4000 m							330	41														
5000 m							320	47														
6000 m																						

STATION	Alex A.P	P.Said	El Arish	Almaza	Minya	Asyout														
DATE	22-12	22-12	22-12	22-12	22-12	22-12														
TIME	02	02	04	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	210	16	170	10	200	11	210	13	200	6	100	6										
600 m	220	9	170	9	240	3	240	7	170	6	40	5										
1000 m	210	9	190	9	250	5			170	7	330	3										
1500 m	240	12	150	7	290	6			200	11	310	7										
2100 m	240	4	220	9																		
2400 m			230	9																		
3000 m																						
4000 m																						
5000 m																						
6000 m																						

STATION	Matruh	Alex A.P	Helwan	Minya	Asyout	Siwa	Farafra	Dakhla	Kharga	Hurghada	Bahariya	
DATE	22-12	22-12	22-12	22-12	22-12	22-12	22-12	22-12	22-12	22-12	22-12	
TIME	08	08	0 45	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
300 m	220	23	190	14	130	6	130	8	170	7	190	23	200	9	150	5	70	4	330	8	210	9
600 m	240	38	180	11	180	10	150	7	90	3	210	23	180	15	170	5	90	4	350	6	210	10
1000 m	290	13	180	12	150	10	220	8	210	2	200	21	180	12	160	7	150	3	340	8	210	11
1500 m	280	8	360	10	240	5	220	2	80	2	230	18	180	12	320	3	60	5	340	10	220	12
2100 m	270	15	80	14	270	9	260	11	330	8	240	17			320	9	340	16	340	15	250	13
2400 m			280	24	310	14	300	22	310	16	270	17			350	14	340	22	340	28	340	12
3000 m			300	28	300	39	300	25	320	23	280	25					330	27	330	36		
4000 m									330	36	310	28										
5000 m									310	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 Tuesday 22nd December 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.

Gradual improvement in weather, slight rise in temp.

SW'ly light to moderate winds. Variable amounts of Cc & Cs+Cc+Ci in the North. Slight showers on the Coast. In Upper Egypt mild weather and clear sky.

التغيرات المنتظرة فى حالة الجو من ظهر اليوم إلى ظهر غد

تتحسن حالة الطقس تدريجيا وتأخذ درجة الحرارة فى الإرتفاع

والرياح بين الجنوبية والغربية خفيفة إلى معتدلة عنها وتغيرات

متفاوتة من حيث الكمية والمتوسطة على مرتفعات أنحاء الوطن

مع احتمال وقوع بعض السيل. أما فى الصعيد فالطقس معتدل ليلا وصحو

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

04 47
15 00

SYNOPTIC SURFACE OBSERVATIONS

At Time ... Universal Time (GMT) (Two hours slower than local time)

MONDAY 21st DECEMBER 1953

Station											
62403	220	11	35	03	2	7	Ac	21.4	18	3	37
SIDI BARRANI	180	12	15	02	2	8	As	21.5	17	3	39
MERSA MATRUH (A)	220	2	18	01	2	5	Ac, As	23.2	16	3	42
EL DABA	250	3	35	01	1	3	Cu	23.1	16	3	42
319 ALEXANDRIA	110	4	35	01	8	7	Cu, Sc, Ac	24.2	13	11	83
ALEXANDRIA (A)	180	5	14	02	8	8	Sc, Ac	24.7	13	11	88
DAMIETTA	340	2	3	50	6	8	Cu, Sc	25.0	13	9	77
PORT SAID (A)											
EL ARISH	30	0	30	01	2	1	Cu, Ac, Ci	24.6	14	7	63
[illegible]	270	5	15	02	6	8	Sc	24.8	14	10	77
[illegible]	320	2	15	03	2	8	Ns	24.9	15	9	68
TANTA	00	0	35	03	6	8	Cu	24.7	14	10	77
[illegible]	320	5	35	01	6	4	Cu	24.4	16	8	59
[illegible]	00	0	35	03	1	8	Cu	25.1	15	11	77
[illegible]											
[illegible]	290	4	12	03	2	8	Sc	25.8	14	10	77
[illegible]	270	7	30	03	2	8	Sc, As	25.4	14	8	67
374	290	3	14	02	2	8	Sc, Ac	25.2	15	6	55
375	290	3	14	02	2	8	Sc, Ac	25.2	18	8	52
[illegible]	00	0	15	02	2	7	Ac, As	26.3	15	2	42
[illegible]	00	0	35	01	1	1	Cu, Sc	25.8	17	7	52
[illegible]	120	2	8	02	0	0	—	25.2	18	8	52
[illegible]	00	0	30	02	0	0	—	24.8	17	4	42
[illegible]	00	0	15	00	0	0	—	23.4	20	8	46
[illegible]	270	1	50	00	0	0	—	23.4	20	6	41
[illegible]	30	8	30	02	0	0	—	23.5	18	6	46
415 ASWAN	20	4	50	00	0	0	—	22.6	19	7	46
417 SIWA	150	5	18	03	0	2	Ci	22.3	19	-2	24
[illegible]	20	0	35	02	0	0	—	25.4	19	7	46
429 [illegible]	00	0	35	00	0	0	—	25.0	19	-3	23
[illegible]	140	4	35	00	0	0	—	24.8	19	-3	23
[illegible]	60	3	15	00	0	0	—	23.9	19	3	35
[illegible]	00	0	50	03	0	6	Cu	24.4	16	8	59
[illegible]	70	1	50	02	0	2	Cu	23.9	17	7	52
[illegible]	20	13	30	02	1	1	Sc	23.5	17	7	52
[illegible]	360	2	15	01	0	0	—	22.0	17	11	68

MONDAY 21st DECEMBER 1953

Station													
62403													
SIDI BARRANI	180	8	14	02	2	8	As	20.9	13	4	17		55	0
MERSA MATRUH (A)	200	12	12	02		8	As	22.2	12	4	16		59	0
EL DABA	160	3	7	02	1	4	Cb	23.4	10	8	17		88	0
319 ALEXANDRIA	100	7	35	02	2	7	Cu, Ac, Sc	24.8	12	9	15	-5	84	0.4
ALEXANDRIA (A)	140	6	10	02	2	8	Cu, As	24.7	12	10	15	-5	88	2
DAMIETTA	220	2	1.5	02	5	7	St	25.2	11	11	14	-6	97	2
PORT SAID (A)	270	1	10	02	2	7	Cu, Sc	25.8	12	11	14	-5	94	0
EL ARISH													
[illegible]	310	5	3	02	2	4	Ac	24.8	12	10	15	-6	88	0.3
[illegible]	270	2	3	03	2	8	Sc	25.4	13	9	15	-6	77	0
TANTA	00	0	35	03	2	8	Cu	24.8	11	11	16	-5	97	0.3
[illegible]	320	2	15	01	1	4	Sc, Cu	24.8	11	9			88	Rain
[illegible]	00	0	15	02	2	8	Cu	26.0	13	9	15	-6	77	0
[illegible]	00	0	35	03	2	8	As	25.0	13	9	15		77	0
[illegible]	00	0	12	03	2	8	Sc	25.9	14	10	16		77	0
[illegible]	90	2	8	01	2	7	Sc	25.3	14	8	16	-4	67	0
374	00	0	8	01	2	6	Sc	25.6	12	6	18	-2	67	0
375	00	0	8	01	2	6	Sc	25.4	14	8	20	0	67	0
[illegible]	00	0	7	01	1	2	Ac	25.9	13	4	16	-4	55	0
[illegible]	00	0	35	01	0	0	—	25.5	10	8	19	-3	88	0
[illegible]	00	0	8	02	1	3	Ci	26.1	10	6	18	-3	76	0
[illegible]	250	3	12	02	0	0	—	26.2	12	1	20	-1	47	0
[illegible]	00	0				0	—	23.8	11	4	20	-3	63	0
[illegible]	270	1	7	00	0	0	—	24.2	13	3	22	-2	51	0
[illegible]	00	0	12	02	0	0	—	24.5	10	1	19		54	0
415 ASWAN	00	0	50	00	0	0	—	23.5	16	5	20	-5	49	0
417 SIWA	00	0	10	01	2	4	Ac, As, Ci	22.0	11	-1	20	-1	44	0
[illegible]	00	0	15	02	0	0	—	25.2	11	1	20	-1	51	0
429 [illegible]	00	0	15	00	0	0	—	25.1	10		20			0
[illegible]	00	0	15	00	0	0	—	25.8	13	-3	20	-3	34	0
[illegible]	00	0	15	00	0	0	—	24.3	11	1	19	-4	51	0
[illegible]	360	2	35	03	0	7	Cu	24.4	14	8	18	-3	67	0
[illegible]	40	5	35	03	1	3	Ac	24.2	12	3	18	-4	55	0
[illegible]	280	11	12	03	1	2	Ci	24.3	12	0	17	-5	44	0
[illegible]	360	2	15	02	0	0	—	22.6	15	9	16	-8	68	0

0600 TUESDAY 22nd DECEMBER 1953

Station																	
62403																	
SIDI BARRANI	180	12	14	02	2	7	As	17.5		12	0	11		44	0	83	
MERSA MATRUH (A)	190	19	14	01	2	7	Ac, As	19.0	+0.5	11	2	10		52	0	65	
EL DABA	160	7	15	03	2	7	As	20.8		9	4	7		71	0	88	
319 ALEXANDRIA	130	12	35	01	2	6	Cb, Ac	22.7	+4.0	11	7	10	-2	77	0.4	89	79
ALEXANDRIA (A)	160	11	18	02	2	7	As	22.6	+4.6	10	9	9	-2	94	2	95	58
DAMIETTA	180	2	—	03	2	8	Cu, Sc	24.1	+6.0	11	9	9	-1	85	2	180	34
PORT SAID (A)																	
EL ARISH	180	3	18	02	2	8	Ac	24.7	+5.9	11	7	9		77	0	89	
[illegible]	230	9	7	02	1	6	Ac	23.4	+4.7	11	7	8	-1	77	0.3	32	10
[illegible]	140	2	7	03	2	8	Sc	23.9	+5.2	11	7	9	0	77	0	32	14
TANTA	180	1	35	03	2	8	Cu	23.3	+4.2	12	8	9	+1	77	0.3	24	12
[illegible]	220	2	15	01	1	3	Sc	23.4	+4.2	11	9	10		88	Rain	Rain	
[illegible]	00	0	15	02	1	6	Cu	24.4	+5.2	11	8			82	0	10	9
[illegible]	180	1	35	03	2	8	Ac	24.3		11	9	9		88	0	26	
[illegible]	00	0	12	03	2	5	Ac	24.6		13	7	10		67	0	12	
[illegible]	160	5	18	01	2	6	Ac	24.6	+3.7	12	6	11	+1	67	0	7	
374	00	0	8	02	2	8	Ac	24.6	+5.3	13	7	10	+1	67	0	6	7
375	00	0	8	02	2	8	Ac	24.4	+5.0	11	6	8	+1	71	0	3	8
[illegible]	60	3	15	02	2	7	Ac	24.8	+5.3	11	4	9	0	63	0	3	7
[illegible]	00	0	35	02	1	4	Sc	24.8	+5.4	9	7	6	-2	88	0	3	2
[illegible]	150	5	8	02	0	0	—	25.3	+5.6	8	5	3	-3	82	0	dr	
[illegible]	150	1	12	03	1	3	Sc	25.4	+5.4	8	3	6	-1	71	0	0	
[illegible]	00	0	7	00	0	0	—	24.6	+5.3	9	2	6	-1	62	0	0	
[illegible]	270	1	35	00	0	0	—	25.4	+6.6	11	1	5	-3	51	0	0	
[illegible]	00	0	30	02	0	1	Ci	24.8	+5.2	[illegible]	0	5		58	0	0	
415 ASWAN	20	3	50	01	1	1	Ci	25.1	+6.2	12	8	7	-4	77	0	0	
417 SIWA	80	2	18	03	1	6	Ac, As	19.9	-0.6	7	-4	5 (7)	0	46	0	dr	3
[illegible]	00	0	35	02	2	7	Ac	24.2	+[illegible]	7	2	4	-2	71	0	0.5	3
429 [illegible]	00	0	35	00	0	0	—	25.0		6	-6	1		42	0	0	
[illegible]	180	4	50	00	0	0	—	22.2	+5.7	5	-8	2	-4	32	0	0	
[illegible]	40	0	15	00	0	0	—	25.4	+6.2	7	-1	3	-5	57	0	0	
[illegible]	00	0	35	00	0	5	Cb	24.4	+5.8	11	9	8	-2	88	0	24	8
[illegible]	40	5	50	01	1	3	Cu, Ac	24.6	+6.8	11	1	7	-2	51	0	Rain	6
[illegible]	260	12	18	02	1	3	Cu, Ac	24.2	+7.1	11	2	8	-[illegible]	54	0	0	
[illegible]	360	5	15	00	0		—	23.4	+5.[illegible]	12	4	11	-4	55	0	0	4

Area	Station
RED SEA	PORT SUDAN
NORTH SUDAN	[illegible]
NORTH SUDAN	[illegible]
NORTH SUDAN	[illegible]
NORTH SUDAN	[illegible]
NORTH SUDAN	[illegible]
NORTH SUDAN	[illegible]
CENTRAL SUDAN	751 WAD MEDANI
CENTRAL SUDAN	[illegible]
CENTRAL SUDAN	802 [illegible]
CENTRAL SUDAN	[illegible]
CENTRAL SUDAN	780 [illegible]
CENTRAL SUDAN	770 GENEINA
S. SUDAN	840 MALAKAL
S. SUDAN	380 WAU
S. SUDAN	841 JUBA

RETARDS — DATE

* ⊗ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Matruh 22-12 14		Alex.A.P. 22-12 14		El Arish 22-12 14		Aimaza 22-12 14 15		Minya 22-12 14		Asyout 22-12 14		Luxor 22-12 14 15		Aswan 22-12 14		Sinn 22-12 14		Kharga 22-12 14		Dakhla 22-12 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
190	13	190	10	230	5	320	12			110	3	10	5	350	6	220	18	230	13	150	7
240	12	200	14	210	6	310	10			140	3	330	5	20	9	220	17	210	21	190	11
240	9	220	10	240	7	330	10			150	7	270	4	50	10	220	16	200	18	190	11
230	9	250	13	240	8	320	9	230	6	260	9	30	5	50	12	250	23	270	16	200	9
240	27	270	17			340	12	270	16	300	15	360	10	10	20	240	23	240	19	330	10
270	27	260	17			360	15	290	17	280	10	340	12	10	19	230	23			310	9
						50	20	300	27			320	25			250	25				
								300	47							260	37				

Matruh 23-12 05		P.Said 23-12 03		El-Arish 23-12 04		Aimaza 23-12 03		Minya 23-12 02		Asyout 23-12 02		Aswan 23-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
340	12	130	13	100	12	200	42	180	22	180	7	150	9
310	12	150	13	100	10	200	38	190	16	210	14	140	8
300	13	150	9	80	3	280	21	220	18	230	10	170	5
270	14	180	16			260	42	250	17	250	15	100	11
		180	13			280	24	270	18	280	23	110	27
		190	16					260	20	290	27	270	31
												280	28

Matruh 23-12 08		Alex.A.P. 23-12 08		El-Arish 23-12 08		Aimaza 23-12 08 15		Helwan 23-12 06 45		Minya 23-12 08		Siwa 23-12 08		Luxor 23-12 05 30		Bahariya 23-12 08		Dakhla 23-12 08		Kharga 23-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
320	6	210	12	140	9	190	30	160	15	200	18	240	9	330	1	250	22	190	5	200	7
320	8	210	13	170	10	240	22	190	27	210	20	220	15	180	2	240	20	210	11	220	10
280	8	200	12	190	8	220	31	220	22	220	20	210	12	240	4	230	12	240	12	220	12
270	15	190	13	250	12	250	20	240	29	260	14	270	13	250	9	240	23	290	12	270	9
		180	17	260	19	250	24	280	21	290	14	280	15	310	13	250	26	280	15	300	15
		170	22			270	31	290	36	270	16	260	19			250	26	300	16	320	15
		150	17									280	21					290	20	320	24
		140	25															290	25		

UPPER AIR OBSERVATIONS

BY AEROMODELS RADIOSONDE

Cairo A. P.
22-12
15

ALT m	TEMP °C	HUM %	WIND DIR	WIND SPEED
70	17		220	6
187	14		220	6
1544	8		240	7
3121	-2		280	28
5135			300	50
7375	-28		290	69
9380	-41		290	71

REMARKS

1. Wind direction is in whole degrees east of 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 23rd December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
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/s
12 Condensation ... land or [illegible] 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)
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
28 Fog
29 Thunderstorm with or without precipitation
30 Slight or moderate duststorm or sandstorm
31 " " "
32 " " "
33 Severe duststorm or sandstorm
34 " " "
35 " " "
36 Slight or moderate drifting snow
37 Heavy
38 Slight or moderate " "
39 Heavy
40 Fog at a distance, not during last hour
41 " in patches
42 " , sky discernible
43 " " not "
44 " " discernible
45 " " not "
46 " " discernible
47 " " not "
48 " , depositing rime, sky discernible
49 " " " " not "

(codes 20–49: not falling as shower (s) / during preceding hour, but at time of observation)

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

(codes 60–99: during last hour)

* 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

C1 Cirrus
C2 Cirrocumulus
C3 Cirrostratus
C4 Altocumulus
C5 Altostratus
C6 Stratocumulus
C7 Nimbostratus
C8 Cumulus
C9 Cumulonimbus
C0 Stratus
CX Fog
CL Broken

GENERAL FORECAST from noon today to noon tomorrow:

Fresh S to W'ly air strengthening sometimes during day time, with rising dust in open places with slight rise in temp., medium and high clouds increasing. In Upper Egypt moderate S'ly winds freshening sometimes. High clouds with rise in temp.

من ظهر اليوم الى ظهر غد :

رياح بين الجنوبية والغربية تنشط أحيانا أثناء النهار، مثيرة الغبار في الجو مع بقشوش وارتفاع درجة الحرارة وانتشار السحب العالية وقليلة. أما في أقصى الجنوب فالرياح الجنوبية معتدلة تنشط أحيانا. السحب العالية مع ارتفاع درجة الحرارة.

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

SYNOPTIC SURFACE OBSERVATIONS

04 48
15 00

TUESDAY 22nd DECEMBER 1953

210	19	35	02	2	7	As	15.5	19	6	43	250	7	15	02	2	5	Ac	15.1	18	8	20	0	52	0
200	9	15	02	2	8	As	15.5	18	6	46	180	5	14	02	2	5	Ac,As	15.1	14	4	18		52	0
210	13	15	02	2	7	As	17.3	17	1	34	190	16	12	02	2	7	Ac,As	16.1	15	9	17		36	6
180	3	35	03	2	7	As	18.0	16	3	42	180	2	7	01	1	7	Ac	17.1	11	7	19		77	0
140	11	35	03	2	7	Cu,Sc,Ac	19.8	16	5	49	130	11	35	01	2	4	Cu,Sc	17.0	14	8	17	-3	67	0
200	8	18	02	2	8	Ac,As	20.1	17	6	49	160	11	12	02	2	3	Ac	18.9	13	8	17	-3	72	0
160	2		02	2	8	Ac	21.6	15	9	68	140	5	3	02	2	8	Ac	21.2	14	10	16	-4	77	0
180	5	18	02	6	7	Ac,As	22.1	15	9	68	120	10	10	02	2	7	Ac,As	21.0	14	10	16	-3	77	dr
220	5	30	03	2	8	Ac,As	21.5	15	8	63														
230	5	15	02	2	8	Ac	20.8	14	8	67	230	5	3	02	1	0	—	19.8	14	10	15	-6	77	0
220	2	15	03	2	8	As	21.4	19	7	46	270	2	3	02	2	8	As	20.3	14	10	20	-1	77	0
00	0	35	03	2	8	Cu	21.1	19	9	52	40	1	35	03	2	6	Ac	19.9	15	9	20	-1	68	0
220	5	35	01	1	6	As	20.7	19	7	46	220	2	15	01	1	6	As	20.6	13	9	20		77	0
00	0	35	02	1	6	As	21.9	19	7	46	00	0	15	02	1	0	—	20.4	9	7	21	0	88	0
110	1	35	02	2	8	As	21.6	18	6	46	360	3	35	02	2	8	As	21.4	16	5	20		49	0
220	9	30	03	1	5	Ac,Cu	22.0	19	10	56	220	6	12	01	1	3	Ac	21.3	16	10	21		68	0
200	5	18	03	2	7	Ac,As	21.2	18	5	43	180	5	12	01	2	6	Ac,As	21.2	15	9	19	-1	68	0
200	4	18	01	2	5	Cs	21.4	19	7	46	180	3	8	01	2	4	Ac	20.6	16	7	21	+1	56	0
200	4	18	01	2	5	Cs	21.4	21	7	41	180	3	8	01	2	4	Ac	20.6	15	9	22	+2	68	0
160	4	15	02	2	6	Ac,As	21.9	18	3	37	160	4	3	02	2	8	Ac,As	21.2	15	4	19	-1	48	0
360	4	35	02	1	5	As	21.4	20	8	46	360	4	35	02	1	5	Fs	20.7	13	7	22	0	67	0
160	6	10	03	1	5	Ac,Cu	21.5	20	6	41	140	4	8	01	2	3	Ac	22.3	12	7	21	0	72	0
140	2	30	01	1	1	Ac	22.0	21	3	31	160	1	10	02	0	3	Cu	21.7	14	3	22	+1	48	0
220	1	15	01	0	3	Cs	21.4	21	7	41	00	0	7	00	1	0	—	21.4	11	7	21	-2	77	0
180	1	50	00	0	0	—	21.6	22	9	44	00	0	7	00	0	0	—	21.4	11	4	23	-1	63	0
360	6	30	01	0	1	Cu	21.2	21	5	35	00	0	12	02	0	0	—	21.6	11	2	22		54	0
20	4	50	01	1	1	Cu	19.9	21	10	50	00	0	50	00	0	0	—	21.1	18	8	23	-2	52	0
220	6	18	05	2	6	Ac,As,Cu	17.5	24			180	2	10	01	2	3	Ac,As	16.1	17	-4	25	+4	24	0
220	1	35	02	1	3	Ac	20.3	21	7	41	00	0	35	02	1	3	Cs	21.1	13	4	23	+2	55	0
220	5	35	03	1	5	Ac	21.5	22	-5	16														
160	4	50	00	0	0	—	21.2	22	-5	16	00	0	15	00	0	0	—	19.4	15	-3	23	+1	30	0
120	1	35	00	0	0	—	20.8	22	3	29	00	0	15	02	1	3	Cu	20.6	12	0	22	-1	44	0
180	3	50	01	0	1	Cu	21.6	19	7	46	180	3	15	03	0	6	Ac	21.2	15	9	20	-1	68	0
310	2	50	03	1	3	Ac	21.8	19	9	52	90	2	35	01	2	4	Ac	21.8	15	7	20	-2	59	0
360	7	18	02	1	2	Cu	21.1	18	8	52	30	1	12	02	1	2	Cu	21.6	12	5	19	-2	63	c
360	2	15	03	1	2	Cu	20.6	19	11	60	360	2	15	00	0	0	—	21.1	17	13	20	-4	77	0

* 9 = Sky obscured by fog etc

TUESDAY 22nd DECEMBER 1953

WEDNESDAY 23rd DECEMBER 1953

320	5	15	03	2	8	As	16.7	-2.8	13	11	11	+1	88	0	190								
200	6	13	02	2	8	As	16.3		11	7	10		77	0	83								
230	10	18	03	2	8	Ac,As	16.5	-4.0	10	7	9		82	0	65								
250	6	15	01	1	3	Ac	16.2		9	2	8		62	0	88								
180	6	35	03	1	8	Cu,Sc,Cs	15.2	-3.5	11	8	10	-2	82	0	89	81							
180	6	18	02	2	6	Ac,Ci	15.1	-2.9	9	5	8	-3	76	0	95	60							
140	5	7	01	1	6	Cu,Ac	17.4	-0.7	13	9	9	-1	77	0	180	35							
140	13	10	01	1	5	Ac,As,Ci	18.0	0.0	13	9	12	-1	77	dr	75								
110	2	18	03	2	8	Ac,As	18.7	-0.1	11	9	10		88	1	90								
180	13	7	02	1	3	Ac	16.2	-2.5	10	6	7	-2	76	0	32	31							
140	2	15	03	2	6	As	17.0	-1.7	10	6	8	-1	76	0	32	14							
200	2	35	03	2	5	Ac	17.1	-2.0	11	7	10	+2	77	0	24	12							
320	2	15	01	1	2	Cu	16.7	-2.5	12	3	10		55	0	RAIN								
60	0	15	02	1	4	Sc,Cu	17.2	-2.0	11	6	10	+2	71	0	10	9							
180	2	35	03	1	6	Ac	18.3		12	8	10		77	0	26								
200	20	18	02	2	6	Ac	18.3		15	9	12		68	0	12								
180	19	15	03	2	6	Ac	17.1	-1.8	16	3	12	+2	42	0	7								
230	4	10	01	2	6	Sc,Ac	18.0	-1.4	12	3	11	+2	55	0	6	7							
230	4	10	01	2	6	Sc,Ac	17.6	-1.8	12	3	10	+3	55	0	3	8							
140	8	15	01	2	6	Ac	18.3	-1.3	13	3	11	+2	34	0	3	7							
20	4	35	02	2	7	As	19.1	-0.3	9	4	6	-2	71	0	3	2							
180	7	8	02	1	3	Ac,Ci	20.1	+0.3	8	4	6	0	76	0	dr								
00	0	10	03	1	7	Cs	20.3	+0.3	10	3	6	-1	62	0	0								
		7	00	0	0	—	20.6	+1.2	10	3	6	-1	62	0	0								
00	0	35	00	0	0	—	20.4	+1.6	11	-2	4	-4	41	0	0								
10	2	30	03	1	3	Ci	20.3	+1.2	8	0	4		58	0	0								
20	3	50	01	1	3	Ci	20.8	+1.9	13	7	8	-3	67	0	0								
00	0	35	02	1	4	Ac	18.7	-1.5	13	-3	9	+4	34	0	0.5	4							
00	0	35	03	0	2	Ci	19.9		5	-8	1		38	0	0	3							
160	4	50	03	0	3	Ci	21.6	+1.2	5	-8	3	-3	38	0	0								
00	0	15	02	1	1	Ci	20.2	+1.0	7	-1	3	-4	57	0	0								
180	4	35	00	0	7	Ac	18.3	-0.3	16	10	10	0	68	0	24	8							
40	5	50	01	1	3	Ac	20.4	+2.5	12	5	7	-3	63	0	RAIN	6							
260	11	18	03	1	2	Ac,Ci	19.6	+2.4	12	3	7	-4	55	0	0								
360	2	15	02	0	0	—	19.2	+1.7	16	12	12	-3	77	0	0	4							

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

MATRUH 23rd 14		ALEX.A.P. 23rd 14		P.SAID 23rd 14		ALMAZA 23rd 14 30		MINYA 23rd 14		ASYOUT 23rd 14		ASWAN 23rd 14		FARAFRA 23rd 14		DAKHLA 23rd 14		KHARGA 23rd 14		HURGHADA 23rd 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
280	6	260	11	210	6	200	35	170	19	190	8	320	6	220	17	180	11	200	10	210	10
260	8	240	14	210	9	210	38	190	21	210	9	320	5	240	14	210	12	210	12	270	4
270	11	260	9	200	15	340	26	210	24	210	11	20	2	230	13	220	10	250	16	220	12
260	15	270	15	210	16	250	17	250	27	250	11	330	5	220	12	260	17	260	6	260	16
270	19	270	19	230	19					270	16	320	8			250	19	290	12	280	17
270	16			240	21					280	30							200	12	270	24

ALEX.A.P. 24 tk 2		P.SAID 24 tk 2		EL ARISH 24 tk 4		MINYA 24 tk 2		ASYOUT 24 tk 2	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
250	15	210	28	180	22	190	31	190	21
270	14	240	28	190	20	220	42	220	43
280	14	240	28	210	32	230	26	240	29
280	17	230	29	250	32	240	25	230	23
		250	22			260	28	250	26
		260	17					250	35
		270	24						

BAHARIYA 24 tk 8		DAKHLA 24 tk 8		KHARGA 24 tk 8		HURGHADA 24 tk 8	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
320	15	110	4	210	6	300	41
320	22	260	16	230	16	300	28
310	22	280	28	230	24	290	6
330	16	260	26	270	23		
				260	24		

MATRUH 24 tk 8		ALEX.A.P. 24 tk 8		P.SAID 24 tk 8		EL ARISH 24 tk 8		ALMAZA 24 tk 9 30		HELWAN 24 tk 6 30		MINYA 24 tk 8		ASYOUT 24 tk 8 30		LUXOR 24 tk 8 30		SIWA 24 tk 8		FARAFRA 24 tk 8	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
300	11	270	19	220	16	240	16	210	32	190	16	230	13	220	23	210	3	330	24	300	16
300	16	280	22	220	16	200	18	230	34	200	33	260	21	280	14	220	23	340	26	300	35
		280	23	230	19	210	18	280	22	230	17	250	19	270	14	220	12	330	23	290	17
		270	23	230	24	230	26	290	26	230	36	250	28	240	30	250	23	300	23	290	30
								270	18	230	45	240	49	260	37	260	29	280	29	290	19
								280	22	240	34					270	31	280	26		
																		280	41		
																		270	50		

UPPER WIND OBSERVATIONS

STATION	DATE	TIME	ALTITUDE	WIND DIR	WIND SPEED	ALT	TEMP °C	RUM %	WIND DIR	WIND SPEED

REMARKS:

1. Wind direction is in whole degrees east of true north.
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)

Base Level

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT — CAIRO — EGYPT

DATE THURSDAY 24th DECEMBER, 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "WW"

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

50 Drizzle, not freezing, intermittent — slight
51 [illegible] continuous
52 [illegible] intermittent — moderate
53 [illegible] continuous
54 [illegible] intermittent — thick
55 [illegible] continuous
56 [illegible] freezing, slight
57 [illegible] moderate or thick
58 [illegible] and rain, slight
59 [illegible] moderate or heavy
60 Rain, not freezing, intermittent — light
61 [illegible] continuous
62 [illegible] intermittent — moderate
63 [illegible] continuous
64 [illegible] intermittent — heavy
65 [illegible] continuous
66 Rain, freezing, slight
67 [illegible] moderate or heavy
68 [illegible] drizzle and snow, slight
69 [illegible] moderate or heavy
70 Intermittent fall of snow flakes — slight
71 Continuous
72 Intermittent — moderate
73 Continuous
74 Intermittent — heavy
75 Continuous
76 [illegible]
77 [illegible] — [illegible] without fog
78 Isolated [illegible]
79 Ice pellets
80 Rain shower [illegible]
81 [illegible]
82 [illegible]
83 Shower [illegible]
84 [illegible]
85 Snow shower [illegible]
86 [illegible]
87 Shower [illegible]
88 [illegible]
89 [illegible]
90 [illegible]
91 Slight rain
92 Moderate or heavy [illegible]
93 Slight snow
94 Moderate or heavy snow
95 Thunderstorm, slight or moderate, without hail
96 [illegible]
97 [illegible] heavy without hail
98 [illegible] with duststorm or sandstorm
99 [illegible] 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
As 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:

Moderate south-west winds, freshening at times over coasts. Temperature is decreasing. Considerable amounts of medium and low clouds with occasional showers. Mild weather by day, cold by night over Upper Egypt.

رياح معتدلة بين الجنوبية والغربية [illegible]
وتأخذ درجة الحرارة في الهبوط مع تكاثر السحب [illegible]
وتمطر في أنحاء متفرقة - أما في الصعيد فالطقس [illegible]
[illegible] ليلا

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

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on WEDNESDAY 23rd DECEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L.	Dry Bulb	Dew Point	Relative Humidity %
SALLOÛM	250	2	35	02	2	8	As	12.8	19	12	64
SÎDI BARRÂNI	260	5	13	02	2	8	As	12.8	18	14	78
MATRÛH (A)	290	4	18	02	2	8	As	12.4	19	15	78
EL DAB'AA	270	4	35	03	2	8	As	12.2	18	8	52
ALEXANDRIA	180	7	35	02	2	8	As, Ac	13.3	16	5	49
ALEXANDRIA (A)	240	8	18	02	2	8	As, Ac	12.9	16	6	52
DAMIETTA	160	5	15	03	2	8	Ac	13.9	18	8	52
PORT SAÎD (A)	200	11	18	02	2	8	Ac, As, Cs	14.1	18	11	64
EL 'ARÎSH											
DAMANHÛR	230	9	50	02	2	7	As	13.6	18	6	46
MANSÛRA	140	2		03	2	8	As	13.8	18	8	52
TANTA	220	2	35	03	2	8	As	13.6	19	7	46
SHEBÎN EL KÔM	220	5	35	01	1	4	Ac, As	13.8	19	4	37
ZAGAZIG	220	1	35	03	1	8	Sc, Cu	13.9	20	6	41
ISMAILIA	270	3	35	02	2	8	As	14.1	23	-3	18
CAIRO (A)	220	27	18	02	2	8	As	14.3	21	14	65
CAIRO ALMÂZA (A)	200	26	15	02	2	8	Ac, Cs	14.3	21	6	38
CAIRO EZBEKÎYA	230	9	12	03	2	8	Ns, As	14.0	22	2	27
GIZA	230	9	12	03	2	8	Ns, As	14.6	23	4	29
HELWÂN	180	12	7	03	2	8	Ac, Cc	15.0	21	-3	20
FAYOÛM	260	4	35	02	2	7	Ac	14.7	21	7	41
MINYA (A)	170	11	8	03	1	5	Ac, Ci	16.5	23	5	32
ASYOÛT (A)	180	5	30	01	1	3	Ci	15.7	25	-1	18
NAG HAMÂDI	00	0	15	01	0	3	Cs	16.8	25	8	34
QENA	00	0	50	03	1	3	Ci	17.2	23	5	32
LUXOR (A)	290	5	30	02	1	3	Ci	16.9	23	7	36
ASWÂN	00	0	50	01	1	3	Ci	16.3	25	11	42
SÎWA	00	0	18	02	2	7	Ac, As, Ci	12.7	20	-3	21
BAHARÎYA	220	4	35	02	1	6	Ac	15.8	24	3	26
FARAFRA	220	4	35	01	2	2	Ci	16.6	25	-8	11
DAKHLA	160	9	50	01	1	1	Ci	16.8	25	-17	5
KHARGA	180	1	15	01	1	1	Ci	16.8	22	3	24
SUEZ	130	6	50	02	0	7	Ac	15.0	20	11	56
TÔR	180	5	50	01	1	3	Ci	16.7	21	14	65
HURGHADA	100	3	30	03	1	3	Ac, Ci	16.5	21	12	57
QUSEIR	360	2	15	02	0	0	—	16.6	21	14	65

At 1800 on WEDNESDAY 23rd DECEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
SALLOÛM	170	2	15	02	2	8	As	12.2	17	9	19	-1	60	0
SÎDI BARRÂNI	180	2	12	02	2	7	As	11.6	14	12	19		88	0
MATRÛH (A)	230	4	12	02	2	8	As	11.7	14	13	19		94	0
EL DAB'AA	00	0	7	01	1	3	Cu	11.7	14	12	18		88	0
ALEXANDRIA	190	4	35	01	2	7	Sc, Ac, As	12.6	15	9	16	-4	63	0
ALEXANDRIA (A)	220	4	12	02	2	8	Sc, Ac, As	12.7	13	10	16	-4	82	0
DAMIETTA	180	2	3	02	2	3	Sc	13.3	15	11	18	-1	77	0
PORT SAÎD (A)	180	11	8	02	2	8	As	13.4	15	11	18	-1	77	0
DAMANHÛR	230	5	3	02	1	2	As	13.1	14	10	19	-2	77	0
MANSÛRA	180	2	3	02	2	8	As	13.3	15	9	19	-2	68	0
TANTA	00	0	35	03	2	6	As	13.2	15	9	20	-1	68	0
SHEBÎN EL KÔM	320	2	15	01	1	2	As	13.5	14	5	20		55	0
ZAGAZIG	00	0	15	02	2	0	—	14.3	11	9	21	0	88	0
ISMAILIA	180	2	35	02	2	8	As	14.2	17	9	23		60	0
CAIRO (A)	200	19	12	01	1	5	As	14.6	19	11	22		60	0
CAIRO ALMÂZA (A)	200	16	12	01	2	6	As	13.7	20	3	22	+2	33	0
CAIRO EZBEKÎYA	260	6	6	02	0	8	Cs	13.9	18	5	23	+3	43	0
GIZA	260	6	6	02	0	8	Cs	14.0	17	3	24	+4	39	0
HELWÂN	160	9	7	02	2	8	Cs	14.0	19	-3	22	+3	23	0
FAYOÛM	360	4	35	02	2	7	Ci	13.6	16	5	23	+1	49	0
MINYA (A)	170	6	8	01	1	1	Ci	15.5	15?	6	24	+3	55	0
ASYOÛT (A)	180	16	8	03	1	7	Sc	15.4	15?	-2	25	+4	32	0
NAG HAMÂDI	00	0	7	01	1	3	Ac, Cs	17.0	12	3	25	+2	55	0
QENA	00	0	7	00	0	0	—	17.2	13	2	26	+2	48	0
ASWÂN	00	0	50	01	1	1	Ci	17.5	21	10	25	0	50	0
BAHARÎYA	00	0	15	02	2	7	Ac	14.6	18	3	24	+4	37	0
FARAFRA	00	0	15	01	2	1	Ci	15.0	20	-4	28		11	0
DAKHLA	180	9	7	00	0	0	—	17.0	17	-8	27	+5	18	0
KHARGA	00	0	15	00	1	0	—	16.8	15	4	23	0	48	0
SUEZ	220	5	15	01	0	5	Ac	14.4	17	4	21	0	42	0
TÔR	140	5	35	03	2	6	Ac	16.6	18	13	22	0	73	0
HURGHADA	160	9	10	02	1	4	Ac	16.4	18	11	22	+1	64	0
QUSEIR	360	2	15	02	0	0	—	16.6	19	16	23	-1	83	0

At 0600 on THURSDAY 24th DECEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
MEDITERRANEAN	62300	SALLOÛM	270	7	15	02	1	3	Ci	11.4	-6.1	14	10	12	+2	77	0	190	
	305	SÎDI BARRÂNI	300	11	15	03	8	5	Cu, Cs	9.6		16	12	14		77	1	84	
	306	MATRÛH (A)	280	15	18	02	6	8	Ns, Ac	9.7	-8.8	14	12	12		88	0.1	65	
	309	EL DAB'AA	250	6	15	03	2	8	Ns	10.0		12	8	9		77	0	88	
	319	ALEXANDRIA	170	12	35	50	5	8	Ns	9.8	-9.0	14	9	10	-2	72	RAIN	89	82
	318	ALEXANDRIA (A)	200	14	12	80	8	8	Ns, Ac, As	9.0	-9.0	13	8	12	+1	72	0.1	95	61
	330	DAMIETTA	200	5	7	02	2	8	As	9.8	-8.3	13	8	12	+3	72	0	180	35
	333	PORT SAÎD (A)	220	11	12	02	2	8	As, Ci	10.3	-7.7	14	8	14	+1	67	0	75	
	336	EL 'ARÎSH	100	3	18	02	5	8	Ac, As	9.8	-9.0	16	5	12		49	dr	90	
LOWER EGYPT	336	DAMANHÛR	230	5	7	02	2	8	Ac	9.6	-9.1	13	4	11	+2	55	0	32	32
	342	MANSÛRA	180	2	7	03	2	8	Ns	10.6	-8.1	13	7	12	+3	67	0	32	14
	348	TANTA	00	0	7	03	2	8	Cs	11.0	-8.1	14	5	11	+3	55	0	24	12
	360	SHEBÎN EL KÔM	220	2	15	01	1	6	As	10.7	-8.5	14	5	11		55	0	RAIN	
	364	ZAGAZIG	220	1	15	02	2	8	Sc, Cu	10.8	-8.4	15	4	11	+3	48	0	10	9
	441	ISMAILIA	250	2	35	03	2	8	As	11.4		17	1	10		34	0	26	
CAIRO AREA	366	CAIRO (A)	220	28	10	05	2	8	Sc, As	11.7		19	-2	18		24	0	12	
	372	CAIRO ALMÂZA (A)	190	19	12	03	2	8	St, As	11.4	-7.5	17	-2	17	+8	28	0	7	
	374	CAIRO EZBEKÎYA	00	0	6	02	2	8	Ac, As	12.2	-7.2	16	4	16	+7	45	0	6	7
	375	GIZA	00	0	6	02	2	8	Ac, As	11.5	-7.9	15	3	11	+4	45	0	3	8
	37[illegible]	HELWÂN	160	6	15	02	2	8	Ns, As	12.3	-7.3	16	-1	15	+6	32	0	3	7
UPPER EGYPT	381	FAYOÛM	360	6	35	02	2	8	Ns	12.0	-7.4	14	5	9	+2	55	0	3	2
	387	MINYA (A)	150	8	8	02	2	7	Ac, As	13.2	-6.6	14	4	12	+6	52	0	dr	
	393	ASYOÛT (A)	120	4	14	02	1	5	Ac, Ci	14.4	-5.7	16	-3	13	+6	28	0	0	
	396	NAG HAMÂDI	00	0	7	01	1	2	Cs	16.6	-2.8	12	5	6?	-1	63	0	0	
	402	QENA	90	1	35	00	0	0	—	16.4	-2.4	14	3	4?	-3	48	0	0	
	405	LUXOR (A)																	
	414	ASWÂN	00	0	50	03	2	4	Ac	17.0	-1.9	17	11	10	-1	68	0	0	
OASES	417	SÎWA	00	0	18	02	2	7	Ac, As	12.3	-8.3	13	-2	12	+7	36	0	dr	4
	420	BAHARÎYA	270	4	35	02	2	8	Ac	11.9	-8.3	16	1	14	+9	36	0	0.5	4
	423	FARAFRA	270	10	35	03	2	5	Sc	13.4		19	-3	4		23	0	0	
	432	DAKHLA	220	9	50	03	0	2	Ci	17.0	-3.4	9	-6	5	-1	34	0	0	
	435	KHARGA	00	0	15	02	1	2	Ci	15.8	-3.4	10	-4	6	-1	38	0	0	
RED SEA	450	SUEZ	130	7	35	00	6	6	As	11.0	-7.7	18	6?	15	+5	46	2	26	8
	455	TÔR	140	5	35	03	2	7	As	14.3	-3.6	19	12	8	-2	64	0	RAIN	6
	460	HURGHADA	220	6	36	02	1	4	Ac	14.1	-3.1	14	8	11	0	43	0	0	
	465	QUSEIR	360	2	15	02	0	0	—	15.1	-2.4	17	9	13	-2	60	0	0	4
	641	PORT SÛDÂN																	
NORTH SUDAN	600	WÂDI HALFA																	
	640	ABU HAMED																	
	660	KAREIMA																	
	680	'ATBARA																	
	721	KHARTOÛM																	
	700	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	790	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL																	
	880	WÂU																	
	941	JUBA																	

REMARKS — DATE

* 0 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	MATRUH		ALEX.A.P.		P.SAID		MINYA		ASYOUT		ASWAN		DAKHLA		KHARGA		HURGHADA					
DATE	24 th		24 th		24 th		24 th		24 th		24 th		24 th		24 th		24 th					
TIME	14		14		14		14		14		14		14				14					
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	250	19	310	15	270	17	340	7	300	16	190	8	300	12			130	8				
600 m.	260	18	310	20	280	22	300	11	290	15	190	11	310	14			250	5				
1000 m.	260	16	300	21	280	24	280	16	280	9	220	11	310	20			250	21				
1500 m.	260	22			270	29	290	14	260	16	250	20	300	19	310	23						
2100 m.	250	19			270	30	280	25	270	10	290	29			290	22						
2400 m.					270	30	280	40	260	13	270	19										
3000 m.									270	31												
4000 m.																						
5000 m.																						
6000 m.																						

STATION	MATRUH		ALEX.A.P.		P.SAID		ALMAZA		MINYA		ASYOUT								KHARGA		HURGHADA	
DATE	25 th		25 th		25 th		25 th		25 th		25 th								25 th		25 th	
TIME	5		2		2		3		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.	240	6	240	2	240	10	130	5	240	7	320	6							50	9	330	16
600 m.	260	7	240	8	250	11	130	6	350	6	340	10							70	6	320	9
1000 m.	290	10			260	4	350	5	340	8	320	7							300	2	320	5
1500 m.	290	11			290	12			340	7	290	16							350	9	70	15
2100 m	280	21			300	14					290	42							230	8	290	1
2400 m.	280	13									300	36							230	6		
3000 m.											290	47										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	MATRUH		ALEX.A.P.		P.SAID		ELARISH		ALMAZA		MINYA		ASYOUT		SIWA		BAHARIYA		FARAFRA		DAKHLA	
DATE	25 th		25 th		25 th		25 th		25 th		25 th		25 th		25 th		25 th		25 th		25 th	
TIME	8		8		8		8		8	15	8		8		8		8		8		8	
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	250	6	170	9			240	7	230	6	150	3	40	2	150	10	140	3	160	4	40	3
600 m.	270	4	180	7	250	10	230	8	220	8	360	3	10	6	130	5	140	3	140	2	60	7
1000 m	260	8	210	4	250	10	250	10	240	10	320	12	280	6	220	4	210	3	120	4	60	4
1500 m.	270	10	290	11	260	11	280	15	270	20	270	22	280	16	280	5	250	7	280	13	330	8
2100 m	270	14	280	10			260	15	270	23	290	27	300	32	300	11	260	16	300	20	220	9
2400 m.	280	18	290	9			240	34	270	21	290	33			300	14	260	16			230	12
3000 m.											280	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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE FRIDAY 25th DECEMBER, 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, " " " " 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:

Moderate west to northwest winds freshening at times coastal areas. Low clouds developing. Mild weather by day, slight cold by night. Upper Egypt: Variable winds, mild weather during day cold during night.

التقارير المنظرة في حالة الطقس من ظهر اليوم الى ظهر الغد

رياح غربية الى شمالية غربية معتدلة تنشط أحيانا قرب الساحل - تظهر السحاب المنخفضة تكاثر في الشمال والجو معتدل نهارا بارد ليلا - أما في الصعيد فالرياح متغيرة والجو بارد ليلا معتدل نهارا

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO | Time of Sunrise 04 49 U.T.
Sunset 15 01 U.T.

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

At 1200 on THURSDAY 24th DECEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in Knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
Mediterranean	62300	SALLOUM	320	7	35	02	1	3	Ac	11.8	18	6	46
Mediterranean	303	SIDI BARRANI	310	12	18	02	2	4	Cu	10.9	18	9	56
Mediterranean	306	MATRUH (A)	300	17	18	02	2	6	Cu, Sc	10.8	18	9	56
Mediterranean	309	EL DAB'AA	250	8	35	02	1	5	Cb	10.2	17	11	68
Mediterranean	317	ALEXANDRIA	270	16	35	01	2	4	Cu	9.6	19	12	64
Mediterranean	318	ALEXANDRIA (A)	290	17	18	03	8	6	Cu, Ci	9.4	19	12	64
Mediterranean	330	DAMIETTA	220	5	35	01	2	5	Cu, Ac	9.5	17	9	60
Mediterranean	335	PORT SAID (A)	260	14	14	01	6	7	Cu, Sc, Ac	9.6	15	8	63
Mediterranean	338	EL 'ARISH	200	14		02	5	8	Cb, Ac	9.2	20	5	38
Lower Egypt	339	DAMANHUR	270	9	15	02	1	4	Cu	10.3	20	13	64
Lower Egypt	342	MANSURA	220	2	35	01	1	3	Cu	9.8	18	6	46
Lower Egypt	345	TANTA	220	3	35	03	2	5	Cu	10.2	19	12	64
Lower Egypt	350	SHEBIN EL KOM	220	5	35	01	1	4	Cu	10.3	18	6	46
Lower Egypt	364	ZAGAZIG	220	1	35	02	2	8	Sc, Cu	11.2	17	7	52
Lower Egypt	441	ISMAILIA	250	3	35	02	2	8	As	10.4	19	-2	24
Cairo Area	366	CAIRO (A)	220	20	12	01	2	7	Sc	11.4	17	0	32
Cairo Area	372	CAIRO ALMAZA (A)	200	15	12	01	2	7	Sc, Ac	11.2	19	-6	18
Cairo Area	374	CAIRO EZBEKIYA	220	9	14	01	2	8	Sc, Cs	11.3	19	2	32
Cairo Area	375	GIZA	220	9	14	01	2	8	Sc, Cs	10.8	19	2	32
Cairo Area	378	HELWAN											
Upper Egypt	381	FAYOUM	360	4	35	01	1	4	St	11.5	22	6	36
Upper Egypt	387	MINYA (A)	230	9	8	02	2	7	Ac, As	12.5	24	1	22
Upper Egypt	393	ASYOUT (A)	250	13	30	01	1	1	Ac	13.1	26	-6	12
Upper Egypt	399	NAG HAMADI	270	1	15	00	1	0	—	13.0	25	8	34
Upper Egypt	402	QENA	180	1	50	00	0	0	—	13.3	26	7	30
Upper Egypt	405	LUXOR (A)	290	8	30	02	1	2	Ci	13.6	26	9	35
Upper Egypt	414	ASWAN	00	0	50	01	1	3	Ac	13.4	27	9	33
Oases	417	SIWA	280	4	18	02	1	8	Ac, As, Ci	12.7	22	6	36
Oases	420	BAHARIYA	320	2	35	02	2	4	Ac	12.2	23	5	32
Oases	423	FARAFRA	320	10	35	01	2	2	Ci	13.8	24	-5	15
Oases	432	DAKHLA	270	4	35	00	0	0	—	14.3	24	-5	15
Oases	435	KHARGA	180	3	15	02	2	4	As	12.7	24	0	21
Red Sea	450	SUEZ	130	6	50	02	0	6	Cb	13.8	21	1	27
Red Sea	459	TOR	140	5	35	03	2	7	As	11.5	23	10	44
Red Sea	463	HURGHADA	80	9	30	03	1	2	Ac	11.7	23	8	38
Red Sea	465	QUSEIR	360	2	15	02	0	0	--	12.0		6	
Red Sea	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
North Sudan	640	ABU HAMAD											
North Sudan	650	KAREIMA											
North Sudan	680	ATBARA											
North Sudan	721	KHARTOUM											
North Sudan	730	KASSALA											
Central Sudan	751	WAD MEDANI											
Central Sudan	801	RENK											
Central Sudan	802	ROSEIRES											
Central Sudan	771	EL OBEID											
Central Sudan	760	EL FASHER											
Central Sudan	770	GENEINA											
S. Sudan	840	MALAKAL											
S. Sudan	880	WAU											
S. Sudan	941	JUBA											

At 1800 on THURSDAY 24th DECEMBER 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	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
62300	SALLOUM	320	7	15	01	1	3	Sc, Cu	13.9	16	8	19	-1	59	0
303	SIDI BARRANI	310	2	14	01	2	2	Cu	13.8	15	8	18		63	0
306	MATRUH (A)	250	9	11	03	1	7	Ac, As	14.0	14	10	19		77	0
309	EL DAB'AA	220	3	7	01	1	2	Cu	13.5	13	11	19		88	0
317	ALEXANDRIA	270	5	35	03	1	6	Cu, Sc	14.4	16	10	19	0	68	0
318	ALEXANDRIA (A)	320	5	12	03	8	7	Cu, Ci	14.0	15	11	19	0	77	0.4
330	DAMIETTA														
335	PORT SAID (A)	290	10	14	01	8	2	Cu, Sc	13.5	14	13	19	0	94	0.1
338	EL 'ARISH	260	8	14	01	2	0	—	12.5	15	7	21		59	dr
339	DAMANHUR	360	5	15	02	1	0	—	13.8	13	11	20	-1	88	0
342	MANSURA	320	2	7	00	1	0	—	13.5	15	11	19	-2	77	0
345	TANTA	220	1	35	01	1	3	Cu	14.4	14	14	20	-1	97	0
366	CAIRO (A)	220	3	12	02	0	0	—	14.9	16	11	20		72	0
372	CAIRO ALMAZA (A)	240	7	10	00	0	0	—	14.4	16	10	21	+1	68	0
374	CAIRO EZBEKIYA	240	3	6	00	2	0	—	14.8	15	10	20	0	72	0
375	GIZA	240	3	6	00	2	0	—	14.8	14	9	19	-1	72	0
393	ASYOUT (A)	240	1	8	01	1	3	As	15.5	19	-2	27	+6	24	0
402	QENA	00	0	7	00	0	0	—	14.8	15	7	28	+5	59	0
405	LUXOR (A)	00	0	12	02	0	0	—	14.8	18	5	26		43	0
420	BAHARIYA	00	0	15	02	1	0	—	15.0	17	9	24	+4	60	0
423	FARAFRA	00	0	15	01	2	0	—	15.0	19	4	26		37	0
459	TOR	140	5	35	01	2	3	Ac	13.1	19	12	25	+3	64	0
463	HURGHADA	160	1	12	02	1	1	Ac	12.9	17	11	25	+4	68	0
465	QUSEIR	180	5	15	02	0	0	—	13.6	21	8	24	0	44	0

At 0600 on FRIDAY 25th DECEMBER 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 Pressure Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st
62300	SALLOUM	270	9	15	03	2	8	As	15.0	-2.5	14	8	12	+2	67	0	190	
303	SIDI BARRANI	200	5	14	01	2	4	Sc, Ac	14.4		13	8	12		72	0	84	
306	MATRUH (A)	220	8	15	02	2	8	As	15.0	-3.6	12	10	11		88	0	65	
309	EL DAB'AA	250	8	15	03	2	8	St	14.8		11	9	10		88	0	88	
317	ALEXANDRIA	00	0	35	03	1	7	Cu, Sc, Ac	16.3	-2.5	13	11	12	0	88	1	90	84
318	ALEXANDRIA (A)	230	5	18	02	2	7	Sc, As	16.0	-2.0	13	12	12	+1	94	2	97	62
330	DAMIETTA	220	2	3	10	1	8	Cu, Ac	16.0	-2.1	11	11	9	0	97	0	180	36
335	PORT SAID (A)	240	8	8	03	1	7	Ac, As, Ci	16.6	-1.4	12	12	12	-1	97	0.1	75	
338	EL 'ARISH	250	8	18	02	2	7	Ac, Ci	15.4	-3.4	14	10	12		77	dr	90	
339	DAMANHUR	230	5	7	02	3	8	Ac	16.6	-2.1	13	11	11	+2	88	3	35	32
342	MANSURA	270	2	7	03	2	8	Ac	16.4	-2.3	12	10	10	+1	88	0	32	15
345	TANTA	00	0	35	03	2	8	Ac	17.2	-1.9	13	13	10	+2	97	0	24	12
350	SHEBIN EL KOM	200	2	15	01	1	3	Cu	17.2	-2.0	13	11	11		88	0	RAIN	
364	ZAGAZIG	00	0	15	02	1	3	Cu	17.2	-2.0	11	11	11	+4	97	0	10	9
441	ISMAILIA	00	0	35	03	1	4	Ci	16.4		11	11	9		97	0	26	
366	CAIRO (A)	200	4	12	03	2	7	Ac, Ci	16.4		12	10	11		88	0	12	
372	CAIRO ALMAZA (A)	140	4	12	03	2	7	Ac, Ci	16.7	-2.2	12	9	11	+2	82	0	7	
374	CAIRO EZBEKIYA	00	0	4	05	2	7	Ac, Ci	16.7	-2.7	13	11	11	+2	88	0	6	8
375	GIZA	00	0	4	05	2	7	Ac, Ci	16.8	-2.7	11	9	9	+2	88	0	3	9
378	HELWAN	00	0	7	03	2	8	St, Ac, Cs	16.7	-2.9	13	9	12	+3	77	dr	3	7
381	FAYOUM	00	0	35	03	2	6	Ac	17.4	-2.0	16	5	9	+2	49	0	3	2
387	MINYA (A)	350	3	8	03	2	6	Ac, Ci	17.4	-2.4	10	7	8	+2	82	0	dr	
393	ASYOUT (A)	00	0	12	01	2	5	Ac, As, Ci	16.8	-3.3	14	3	12	+5	48	0	0	
399	NAG HAMADI	00	0	7	02	0	6	Ac, Ac	16.7	-2.8	14	3	9	+2	48	0	0	
402	QENA	00	0	35	03	1	3	Ci	16.3	-2.5	16	3	8	0	42	0	0	
405	LUXOR (A)	00	0	30	01	2	3	Ac	16.6	-2.5	12	3	8		55	0	0	
414	ASWAN	00	0	50	01	1	3	Ci	16.6	-2.3	17	9	12	+1	60	0	0	
417	SIWA	00	0	30	03	2	6	Ac, As, Ci	15.9	-4.7	10	3	10	+5	62	0	dr	4
420	BAHARIYA	00	0	35	02	2	6	Ac	17.2	-3.0	12	8	9	+4	77	0	0.5	4
423	FARAFRA	00	0	35	03	1	4	Cu, Ci	17.5		12	0	10		44	0	0	
432	DAKHLA	160	4	35	03	2	5	Ci	17.9	-2.5	11	-6	8	+2	30	0	0	
435	KHARGA	00	0	15	02	2	6	Ci	15.6	-3.6	12	-4	8	+1	33	0	0	
450	SUEZ	360	3	35	00	0	4	Cu	16.6	-2.1	14	10	11	+1	77	0	26	8
459	TOR	40	5	35	03	2	7	Sc	15.8	-2.1	14	5	12	+2	55	0	RAIN	6
463	HURGHADA	280	13	18	02	2	6	Sc	15.3	-2.6	16	0			34	0	0	
465	QUSEIR	360	2	15	02	0	3	Sc, Cu	15.4	-2.1	19	1	16	+1	30	0	0	4

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

Matruh 25-12 14		Alex A.P. 25-12 14		P.Said 25-12 14		El Arish 25-12 14		Almaza 25-12 1350		Minya 25-12 14		Asyout 25-12 14		Aswan 25-12 14		Cairo 25-12 14		Dakhla 25-12 14		Kharga 25-12 14	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
250	7	270	7	270	3	290	8	310	5	30	4	310	5	340	11	20	4	110	2	30	10
250	7	270	9	250	5	250	7	240	1			350	5	350	13	40	3	70	6	50	11
280	8	270	7	220	5	260	8	220	9			350	9	360	13	350	4	60	7	80	8
260	11	280	11	250	8	260	12	260	17	260	8	320	8			280	1	50	6	40	7
240	14	270	16	260	9	270	15	260	23			270	14			240	11	220	27		
		270	16	260	12	260	20	260	22			250	15			260	12				
		260	23					280	24							240	27				

P.Said 26-12 03		El Arish 26-12 04		Minya 26-12 02		Asyout 26-12 02	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
110	16	110	11	330	7	50	6
120	12	110	10	320	9	30	7
130	7	220	5	310	8	30	10
240	3			280	7	50	16
260	14					130	7

El Arish 26-12 08		Aswan 26-12 00 30		Minya 26-12 08		Asyout 26-12 08		Bahariya 26-12 08		Cairo 26-12 05		Dakhla 26-12 08		Kharga 26-12 08	
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
100	10	80	4	70	8	130	16	100	13	100	10	100	15	70	10
140	5	100	4	60	14	90	12	70	10	120	19	120	21	110	14
160	5	200	4	110	7	110	16	70	11	110	17	130	15	130	17
260	12	290	10	130	4	150	13	110	10	130	16	220	13	150	17
		300	17	200	16	210	11	140	14	100	19	220	16	190	8
		240	23	220	12	230	11	140	10	110	10	220	15	220	10
		240	26	240	15	290	17							230	12
		250	39	240	28	240	27							220	23
						240	41								

REMARKS:

1. Wind direction is in whole degrees east of 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 20th December 1953

EXPLANATIONS OF CODE FIGURES

PRESENT WEATHER "ww"

00 No cloud development observed
01 Cloud dissolving or less developing — during last hour
02 Sky generally unchanged
03 Cloud forming or developing
04 Visibility reduced by smoke
05 Dry haze
06 Widespread dust in suspension
07 Dust or sand raised
08 Dust devils within last hour
09 Dust or sandstorm within last hour
10 Mist
11 Patches of shallow fog less than 2 m.
12 Continuous " 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
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 [illegible] without rain — slight
88 " or rain and snow mixed — moderate
89 Shower (s) of [illegible] with or without rain — 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. Variable light to moderate winds, mainly SEly. Some medium and high clouds especially near the Coast. No appreciable change in temperature. In Upper Egypt no change in weather.

الحالات المنظرة في حالة الطقس من ظهر اليوم إلى ظهر غد: رياح متغيرة أغلبها جنوبية شرقية خفيفة إلى معتدلة. يظهر بعض السحاب المتوسط والعالي خاصة قرب الساحل. هذا ولا تغير يذكر في درجة الحرارة. أما في الصعيد فلا يزال الطقس دون تغير.

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

SYNOPTIC SURFACE OBSERVATIONS

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

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

At 1200 on FRIDAY 25th DECEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility (Km.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity %
62300 SALLOÛM											
303 SÎDI BARRÂNI	270	8	18	02	2	7	Ac,As	13.5	[illegible]	[illegible]	49
306 MATRÛH (A)	230	9	18	02	2	7	Ac,As	14.9	18		52
309 EL DAB'AA	230	2	35	03	2	6	Sc	15.4	18		52
319 ALEXANDRIA	240	6	35	02	2	7	Cu,Ac,As	15.8	17	13	77
318 ALEXANDRIA (A)	220	9	18	02	2	8	Cu,Ac	15.4	18	12	68
330 DAMIETTA	220	5	15	01	2	6	Cu,Ac	15.9	18	10	60
332 PORT SA'ÎD (A)											
336 EL 'ARÎSH	330	4	30	01	2	3	Ac	15.2	17	12	72
339 DAMANHÛR	270	9	15	02	1	4	Cu	16.0	18	12	68
342 MANSÛRA	320	2	35	03	2	0	Sc,Cu	15.9	19	12	64
346 TANTA	00	0	35	03	2	7	Cu,Ci	16.4	19	12	64
350 SHEBÎN EL KÔM	220	5	35	01	1	3	Cu	16.3	20	11	56
354 ZAGAZIG	220	1	35	02	1	3	Cb	16.6	19	7	52
441 ISMAILIA	00	0	35	02	1	4	Ci	16.0	21	10	50
366 CAIRO (A)	180	2	13	02	2	7	Ac,As,Cs	16.0	19	9	52
372 CAIRO ALMÂZA (A)	250	3	14	03	2	7	Ac,Cs	16.1	20	8	46
374 CAIRO EZBEKIYA	320	4	18	02	2	7	As,Cs	16.4	20	10	53
375 GIZA	320	4	18	02	2	7	As,Cs	16.3	20	10	53
378 HELWÂN	00	0	15	02	2	7	Ac,As,Ci	16.0	20	8	46
381 FAYOÛM	00	0	35	01	1	4	Ns	16.2	20	11	56
387 MINYA (A)	310	6	8	03	2	5	Ci	16.3	23	9	41
393 ASYOÛT (A)	00	0	18	03	1	7	Cs	15.2	23	5	32
399 NAG HAMÂDI	00	0	15	02	1	5	Ac,Cs	14.2	23	8	38
402 QENA	270	1	50	00	0	0	—	13.8	26	7	30
405 LUXOR (A)	10	2	30	03	2	5	Ac,Cs	14.2	26	2	21
414 ASWÂN	340	4	50	01	1	3	Ci	13.0	28	7	27
417 SÎWA	00	0	18	02	2	7	Ac,As,Ci	15.0	19	9	49
420 BAHARIYA	00	0	35	02	1	3	Ac	15.8	26	14	48
423 FARAFRA	00	0	35	03	2	7	Cs	16.4	22	6	36
432 DAKHLA	00	0	15	03	2	6	Ci	14.6	26	7	25
435 KHARGA	40	5	15	02	2	7	Ac,Ci	13.9	26	0	18
450 SUEZ	00	0	50	03	0	5	Cu	15.5	20	11	56
459 TOR	310	5	50	01	2	6	Ci	14.8	22	13	57
462 HURGHÂDA	360	14	18	00	0	6	Ac,Ci	14.0	20	13	64
465 QUSEIR	360	2	15	02	0	3	Sc,Cu	13.3	22	15	65

At 1800 on FRIDAY 25th DECEMBER 1953

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility (Km.)	Present Weather ww	Past Weather W	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
62300 SALLOÛM	290	4	15	02	2	8	As	15.2	16	8	19	-1	59	0
303 SÎDI BARRÂNI	240	4	14	61	6	8	As	14.9	15	10	19		72	dr
306 MATRÛH (A)	130	3	11	12	2	8	As	15.8	15	11	19		77	dr
309 EL DAB'AA	00	0	7	03	2	8	As	16.4	15	11	19		77	0
319 ALEXANDRIA	00	0	15	03	2	8	Cu,Sc,Ac	17.6	16	12	18	-2	77	0
318 ALEXANDRIA (A)	200	4	18	02	2	8	Ac,As	17.7	15	12	18	-1	82	0
330 DAMIETTA	140	2				8	Sc			13	19	0		0
332 PORT SA'ÎD (A)	100	2	9	01	1	5	Ac	18.3	15	13	18	-1	88	0
336 EL 'ARÎSH	00	0	14	01	2	0	—	17.7	14	12	20		88	0
339 DAMANHÛR	270	5	15	02	0	0	—	17.4	15	11	18	-3	77	0
342 MANSÛRA	320	2		03	2	4	Sc,Cu	17.1	15	11	19	-2	77	0
346 TANTA	00	0	35	03	2	5	Cu	17.5	14	12	20	-1	88	0
350 SHEBÎN EL KÔM	220	2	15	00	1	0	—	18.1	13	9	21		77	0
354 ZAGAZIG	00	0	15	02	1	3	Cu	17.9	15	11	21	+1	77	0
441 ISMAILIA	00	0	35	01	0	0	—	17.8	14	8	22		67	0
366 CAIRO (A)	120	4	12	01	2	3	Ac	18.6	16	8	20		59	0
372 CAIRO ALMÂZA (A)	110	4	12	01	2	5	As,Cs	18.0	16	8	21	+1	59	0
374 CAIRO EZBEKIYA	00	0	8	20	2	0	—	18.0	14	9	22	+2	72	0
375 GIZA	00	0	8	00	2		—	17.9	15	8	23	+3	63	0
378 HELWÂN	60	9	7	01	2	3	Ci	18.3	16	8	21	+2	59	0
381 FAYOÛM	00	0		02	1	4	Ns	17.2	15	11	22	0	77	0
387 MINYA (A)	20	4	8	02	2	7	Ci	17.3	15	11	23	+2	77	0
393 ASYOÛT (A)	00	0	8	01	2	6	Cs	16.7	18	7	24	+3	47	0
399 NAG HAMÂDI	00	0	7	02	1	0	—	15.1	15	11	24	+1	77	0
402 QENA	00	0	7	02	1	4	Ci	15.8	11	8	29	+6	56	0
405 LUXOR (A)	00	0	12	02	0	0	—	15.0	18	3	27		37	0
414 ASWÂN	00	0	50	01	1	2	Ci	13.4	25	5	29	+5	28	0
417 SÎWA														
420 BAHARIYA	00	0	15	02	1	4	—	17.1	17	11	26	+6	68	0
423 FARAFRA	00	0	15	01	2	4	Ci	16.1	21	8	24		44	0
432 DAKHLA	00	0	7					15.1	20	-1	27	+5	24	0
435 KHARGA	00	0	15	02	2	8	Ci	14.4	20	3	27	+4	33	0
450 SUEZ	310	3	15	01	0	1	Cu	17.2	16	8	21	0	59	0
459 TOR	310	5	35	01	2	4	Ci	16.0	19	14	23	+1	73	0
462 HURGHÂDA	320	7	15	03	2	5	Ac,Ci	16.0	18	0	22	+1	30	0
465 QUSEIR	360	2	15	02	0	0	—	14.7	20	15	24	0	73	0

At 0600 on SATURDAY 26th DECEMBER 1953

Area	Index Number	Station	Wind Direction Deg.	Wind Velocity in knots	Visibility (Km.)	Present Weather ww	Past Weather W	Cloud Amount*	Cloud Forms	Bar. Pressure M.S.L. mb.	Diff. from normal mb.	Dry Bulb	Dew Point	Minimum Today	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal
MEDITERRANEAN	62300	SALLOÛM	180	5	15	02	2	5	Sc	16.3	-1.2	14	10	12	+2	77	4	194	
	303	SÎDI BARRÂNI	160	7	14	02	3	6	Ac,As	16.0		13	9	12		77	1	85	
	306	MATRÛH (A)	170	1	14	25	5	7	Ns	17.5	-1.1	12	10	12		88	0.3	65	
	309	EL DAB'AA	180	1	15	01	1	3	Cu	17.1		12	10	10		88	0	88	
	319	ALEXANDRIA	00	0	7	01	2	5	Cu,Sc,Ac	18.0	-0.8	15	11	12	+1	77	0	90	86
	318	ALEXANDRIA (A)	120	3	14	01	2	6	Ac	18.1	+0.1	12	12	11	0	97	dr	97	63
	330	DAMIETTA	160	2	7	02	2	7	Cu	18.4	+0.3	14	10	12	+3	77	0	180	36
	332	PORT SA'ÎD (A)																	
	336	EL 'ARÎSH	110	3	18	02	2	8	Sc,Cu,Ac	18.9	+0.1	12	10	11		88	0	90	
LOWER EGYPT	339	DAMANHÛR	130	5	7	02	1	1	Cu	18.2	-0.5	13	11	12	+3	88	0	35	33
	342	MANSÛRA	40	2	15	03	2	4	Sc,Cu	19.0	+0.3	13	9	12	+4	77	0	32	15
	346	TANTA	00	0	35	01	1	3	Cu	18.7	-0.4	11	11	10	+3	97	0	24	12
	350	SHEBÎN EL KÔM	320	2	15	01	1	2	Cu	18.8	-0.4	12	10	11		88	0	RAIN	
	354	ZAGAZIG	00	0	15	02	1	6	Cu	19.2	0.0	13	9	11	+4	77	0	10	9
	441	ISMAILIA	00	0	35	03	2	8	Ac,As	18.4		12	10	10		88	0	26	
CAIRO AREA	366	CAIRO (A)	00	0	13	02	2	7	Ac	19.0		13	8	12		72	0	12	
	372	CAIRO ALMÂZA (A)	190	2	12	02	2	6	Ac	18.7	-0.2	13	7	10	+1	67	0	7	
	374	CAIRO EZBEKIYA	00	0		10	2	7	Ac	18.4	-1.0	13	9	11	+3	77	0	6	8
	375	GIZA	00	0	2	10	2	7	Ac	18.2	-1.3	10	8	9	+2	88	0	3	9
	378	HELWÂN	00	0	3	05	2	7	Ac	18.4	-1.2	14	8	12	+3	67	0	3	7
UPPER EGYPT	381	FAYOÛM	00	0	35	02	2	8	Cu,Sc	18.6	-0.8	12	8	10	+3	77	0	3	2
	387	MINYA (A)	340	6	8	02	2	5	Ci	17.5	-2.4	12	9	9	+3	82	0	dr	
	393	ASYOÛT (A)	70	1	14	02	1	4	Ac,Ci	16.9	-3.2	13	6			63	0	0	
	399	NAG HAMÂDI	00	0	7	03	0	8	Cu,Sc,Cs	16.8	-2.7	13	9	11	+4	77	0	0	
	402	QENA	00	0	35	00	0	0	—	17.0	-1.8	18	6	11	+3	40	0	0	
	405	LUXOR (A)	40	6	30	01	2	5	Cs	16.4	-2.8	14	5	10		55	0	0	
	414	ASWÂN	00	0	50	03	2	7	Ac	14.8	-4.1	20	13	14	+3	64	0	0	
OASES	417	SÎWA	00	0	18	02	0	1	Ci	16.1	-4.5	10	4	8	+3	67	0	dr	4
	420	BAHARIYA	00	0	15	02	2	6	Ac	17.8	-2.4	13	9	12	+7	77	0	0.5	4
	423	FARAFRA	00	0	35	02	1	7	Ci	17.1		10	6	8		76	0	0	
	432	DAKHLA	160	4	50	01	2	7	Ci	16.2	-4.3	14	-1	10	+4	36	0	0	
	435	KHARGA	00	0	15	02	1	6	Ac,Ci	14.7	-4.5	19	4	11	+4	37	0	0	
RED SEA	450	SUEZ	310	2	35	00	0	5	Cu	18.2	-0.5	12	8	10	0	77	0	26	8
	459	TOR	90	5	50	03	2	6	As	17.9	0.0	15	7	12	+3	59	0	RAIN	6
	462	HURGHÂDA	290	10	18	02	2	6	Ac	17.0	-0.3	16	3	14	+3	42	0	0	
	465	QUSEIR	360	1	15	02	1	6	Sc,Cu	17.8	+0.3	18	10	16	+1	60	0	0	4
	641	PORT SÛDAN																	
NORTH SÛDAN	600	WÂDI HALFA																	
	640	ABU HAMAD																	
	650	KAREIMA																	
	660	ATBARA																	
	721	KHARTOÛM																	
	750	KASSALA																	
CENTRAL SÛDAN	751	WAD 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	Matruh		Minya		Asyout		Aswan		Kurafra		Dakhla		Kharga									
DATE	26-12		26-12		26-12		26-12		26-12		26-12		26-12									
TIME	14		14		14		14		14		14		14									
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	80	11	10	16	70	3	340	9	90	13	130	11	110	6								
600 m.	110	4	20	20	130	8	340	9	90	14	120	12	110	6								
1000 m.	210	4	30	8	130	13	340	11	90	13	120	11	120	8								
1500 m.	230	13	170	5	120	12	360	13	150	17	240	6	120	7								
2100 m.	240	21	320	5	150	3			170	16	220	6	330	2								
2400 m.	230	13	280	9	290	5			190	9	230	8	280	6								
3000 m.	240	24			230	13					180	8	250	11								
4000 m.	240	21																				
5000 m.																						
6000 m.																						

STATION	Minya		Asyout								Abu-Hamad		Kharloum						Hurghada		Kharga	
DATE	27-12		27-12								27-12		27-12						27-12		27-12	
TIME	02		02								05		04						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.	130	10	100	11															320	9	110	5
600 m.	140	10	140	19							70	16	20	13					60	6	160	8
1000 m.	140	18	130	13							70	7	20	17					150	6	170	8
1500 m.	150	11	150	11							70	7	140	19							230	9
2100 m.	180	13	200	8																	220	11
2400 m.	170	16	190	10							250	3									220	10
3000 m.			260	19							310	21										
4000 m.																						
5000 m.											290	10										
6000 m.											220	25										

STATION	Matruh		Abu R.S.		El Arish		Aswan		Minya		Asyout		Luxor		Sinai		Bahariya		Kurafra		Dakhla	
DATE	27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12		27-12	
TIME	08		08		08		06 15		08		08		0815		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.	90	12	90	14	80	11	310	2	160	9	100	6	90	3	100	28	170	21	150	9	140	4
600 m.	80	19	90	15	90	14	100	22			170	10	140	11	120	29	170	34	160	15	170	6
1000 m.	60	14	100	12	80	15	120	13	150	17	180	7	140	9	110	19	170	31	170	13	220	8
1500 m.	60	13	140	13	130	9	120	5	150	6	220	10	210	3			180	2	210	20	230	12
2100 m			160	15	180	14	150	9	230	14	200	12	210	10			180	8	250	23	230	4
2400 m.			190	15	220	19	170	13	220	16	210	17	250	9			90	12	220	14		
3000 m.			200	16	250	24	210	16	220	22	240	14	260	12					250	31		
4000 m.							250	24			240	33	240	20								
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

STATION	Cairo A.P.																					
DATE	26-12																					
TIME	15																					
	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED	ALT. m.	TEMP. °C.	HUM. %	WIND DIR	WIND SPEED
Surface	70	20		350	5																			
1000 mb.	156	19		350	5																			
950 mb.																								
900 mb.																								
850 mb.	1536	13		20	4																			
800 mb.																								
700 mb.	3137	2		240	19																			
600 mb.																								
500 mb.	5555	-14		250	54																			
400 mb.	7415	-26		250	68																			
300 mb.	9947	-40		250	87																			
200 mb.	12100	-56																						

REMARKS :

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

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE Sunday 27th December 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. 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	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	„ „ moderate or heavy	
82	„ „ violent	
83	Shower (s) of rain and snow, slight	
84	„ „ „ moderate or heavy	
85	Snow shower (s), slight	
86	„ „ moderate or heavy	
87	Shower (s) of soft hail with or without rain	slight
88	or rain and snow mixed	moderate
89	Shower (s) of hail with or without rain or	slight
90	rain and snow mixed not with thunder	moderate
91	Slight rain	Thunderstorm during preceding hour but not at time of observation,
92	Moderate or heavy rain	
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.

Moderate E/NE ly winds with patches of high and medium clouds. Temperature is slightly increasing.

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO { Time of Sunrise 04 49 U.T. / Sunset 15 03 U.T.

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

At 1200 on SATURDAY 26th DECEMBER 1953

Area	Index Number	Station	Wind Direction	Wind Velocity	Visibility	Present Weather	Past Weather	Cloud Amount	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Relative Humidity
MEDITERRANEAN	62300	SALLOUM	140	4	35	02	2	5	Cu	15.8	19	9	52
	303	SIDI BARRANI	60	8	18	01	0	1	Ac	15.3	18	10	60
	306	MATRUH (A)	80	6	18	02	0	1	AC	16.2	19	10	56
	309	EL DAB'AA	70	8	35	00	0	0	—	17.0	19	12	64
	319	ALEXANDRIA	360	13	35	01	1	0	—	16.7	19	14	73
	318	ALEXANDRIA (A)	100	1	18	02	0	0	—	16.7	21	10	50
	330	DAMIETTA	140	5	35	00	1	0	—	17.5	18	13	73
	333	PORT SAID (A)	90	11	14	02	0	1	AC	17.5	18	12	68
	336	EL ARISH	70	1	30	01	1	2	Ac, Ci	17.4	18	11	64
LOWER EGYPT	339	DAMANHUR	130	9	15	02	1	1	Cu	17.1	22	11	50
	342	MANSURA	90	2	35	00	1	0	—	17.4	22	9	44
	348	TANTA	00	0	35	02	0	0	—	17.1	22	11	50
	350	SHEBIN EL KOM	320	5	35	01	1	3	Cu	17.4	22	9	44
	354	ZAGAZIG	00	0	35	02	1	0	—	17.0	21	10	50
	441	ISMAILIA	180	1	35	01	0	0	—	16.7	23	8	38
CAIRO AREA	366	CAIRO (A)	70	6	18	00	0	0	—	16.6	23	4	29
	372	CAIRO ALMAZA (A)	40	5	30	01	0	0	—	16.3	22	5	33
	374	CAIRO EZBEKIYA	40	3	18	01	2	3	Ac, Ci	16.7	23	5	32
	375	GIZA	40	3	18	01	2	3	Ac, Ci	16.8	24	5	30
	378	HELWAN	00	0	15	01	1	1	Ci	16.4	24	3	26
UPPER EGYPT	381	FAYOUM	360	6	35	01	1	3	As	15.9	23	10	44
	387	MINYA (A)	360	9	10	02	1	4	Ac, Ci	15.3	25	11	42
	393	ASYOUT (A)	20	1	18	02	1	4	Cu, Ci	14.7	26	8	32
	399	NAG HAMADI	00	0	15	02	1	7	Cu, Sc, Ac	14.0	25	13	48
	402	QENA	180	1	50	00	0	0	—	13.9	27	11	37
	405	LUXOR (A)	340	10	30	02	2	4	Cs	13.1	26	10	37
	414	ASWAN	340	4	50	03	2	6	Ac	11.4	29	18	52
OASES	417	SIWA											
	420	BAHARIYA	90	2	35	02	1	0	—	15.8	24	14	54
	423	FARAFRA	80	6	35	01	1	2	Ac	15.1	24	3	26
	432	DAKHLA	160	11	35	03	2	5	Ci	12.2	29	3	19
	435	KHARGA						3	Ac, Ci	12.3	29		
RED SEA	450	SUEZ	360	3	50	01	0	1	Cu	16.6	22	6	36
	459	TOR											
	462	HURGHADA											
	465	QUSEIR	360	1	15	02	0	6	Sc, Cu	11.8	22	14	61
	641	PORT SUDAN											

At 1800 on SATURDAY 26th DECEMBER 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.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain Past 12 hrs. mms.
MEDITERRANEAN	62300	SALLOUM	320	2	15	04	0	0	—	15.0	15	11			77	0
	303	SIDI BARRANI	140	4	14	02	0	0	—	16.4	14	11	20		82	0
	306	MATRUH (A)	110	5		01	0	0	—	17.1	12	10	20		88	0
	309	EL DAB'AA	110	6	7	00	0	0	—	16.8	15	13	22		88	0
	319	ALEXANDRIA	40	13	35	02	0	0	—	18.3	15	13	19	0	88	0
	318	ALEXANDRIA (A)	50	6	12	02	0	2	Ci	17.8	14	12	21	+2	88	0
	330	DAMIETTA	140	2	7	00	0	0	—	18.8	15	15	19	0	97	0
	333	PORT SAID (A)	80	12	18	02	0	0	—	18.9	16	15	19	0	94	0
	336	EL ARISH														
LOWER EGYPT	339	DAMANHUR	130	9	7	02	0	0	—	17.8	14	12	22	+1	88	0
	342	MANSURA	40	2	7	00	0	0	—	18.4	15	9	23	+2	68	0
	348	TANTA	90	3	35	02	0	0	—	18.4	14	12	23	+2	88	0
	350	SHEBIN EL KOM	320	2	15	00	0	0	—	18.4	14	10	23		77	0
	354	ZAGAZIG	00	0	15	02	0	0	—	18.3	15	11	23	+3	77	0
	441	ISMAILIA	20	3	35	02	0	0	—	17.9	16	8	24		59	0
CAIRO AREA	366	CAIRO (A)	90	10	12	02	0	0	—	18.3	17	6	23		49	0
	372	CAIRO ALMAZA (A)	70	11	12	00	0	0	—	17.3	18	5	23	+3	43	0
	374	CAIRO EZBEKIYA	80	3	8	00	1	0	—	17.4	17	7	23	+3	52	0
	375	GIZA	80	3	8	00	1	0	—	17.6	17	6	25	+5	49	0
	378	HELWAN	40	19	7	02	1	0	—	16.8	18	6	25	+6	46	0
UPPER EGYPT	381	FAYOUM	360	4	35	01	0	0	—	16.7	18	8	24	+3	52	0
	387	MINYA (A)	360	6	18	01	2	0	—	15.7	17	9	27	+7	52	0
	393	ASYOUT (A)	220	1	8	02	0	0	—	14.7	18	9	28	+7	56	0
	399	NAG HAMADI	00	0	7	01	1	3	Sc, Ac	14.6	15	9	26	+4	68	0
	402	QENA	00	0	7	02	1	3	Ci	14.2	17	9	28	+5	60	0
	405	LUXOR (A)	360	7	12	01	2	3	Ci	13.6	18	8	27		32	0
	414	ASWAN	00	0	50	00	0	0	—	12.3	25	15	29	+5	54	0
OASES	417	SIWA	80	6	10	01	2	1	Ci	15.6	19	7	25	+4	46	0
	420	BAHARIYA	40	1	15	02	1	1	AC	16.2	19	1	25	+5	52	0
	423	FARAFRA														
	432	DAKHLA	180	4	15	00	0	0	—	13.8	21	1	30	+8	27	0
	435	KHARGA	00	0	15	00	1	0	—	13.0	21	7	29	+6	41	0
RED SEA	450	SUEZ	310	4	50	01	0	0	—	17.1	18	6	22	+1	46	0
	459	TOR														
	462	HURGHADA														
	465	QUSEIR	360	1	15	02	0	0	—	14.2	20	17	23	-1	83	0
	641	PORT SUDAN														
NORTH SUDAN	600	WADI HALFA														
	640	ABU HAMAD											33			
	650	KAREIMA											33			
	680	ATBARA														
	721	KHARTOUM														
	730	KASSALA											39			
CENTRAL SUDAN	751	WAD MEDANI											36			
	801	RENK											38			
	802	ROSEIRES														
	771	EL OBEID														
	780	EL FASHER														
	770	GENEINA														
S. SUDAN	840	MALAKAL											28			
	880	WAU														
	941	JUBA											36			

At 0600 on SUNDAY 27th DECEMBER 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	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
MEDITERRANEAN	62300	SALLOUM																	
	303	SIDI BARRANI	160	3	14	03	0	6	Ac, As, Ci	15.5		12	9	11		82	0	85	
	306	MATRUH (A)	150	3	18	02	2	7	Ac, Cs	16.0	-2.6	11	10	10		94	0	65	
	309	EL DAB'AA	160	2	15	03	2	8	Ac	16.3		12	10	10		88	0	88	
	319	ALEXANDRIA	40	13	15	03	0	8	Cu, Sc	15.9	-2.9	15	13	13	+2	88	0	90	88
	318	ALEXANDRIA (A)	80	8	14	03	2	8	Ac, Cs	16.2	-1.8	14	13	12	+2	94	0	97	64
	330	DAMIETTA	90	2		03	1	7	Sc	16.7	-1.4	16	14	13	+4	88	0	180	37
	333	PORT SAID (A)	80	1	12	03	0	7	Ac, Cs	16.9	-1.1	16	14	16	+4	88	0	75	
	336	EL ARISH																	
LOWER EGYPT	339	DAMANHUR	130	9	7	02	2	8	Ac	16.0	-2.7	13	11	10	+1	88	0	35	33
	342	MANSURA	40	2	7	03	2	8	Sc, Cu	16.7	-2.0	14	12	12	+4	88	0	32	15
	348	TANTA	90	3	35	03	2	8	Sc	16.6	-2.5	14	14	10	+3	97	0	24	13
	350	SHEBIN EL KOM																	
	354	ZAGAZIG	40	1	15	02	1	4	Cu	16.2	-3.0	14	12	11	+4	88	0	10	9
	441	ISMAILIA	20	1	35	03	2	8	Cs	15.9		14	8	11		67	0	26	
CAIRO AREA	366	CAIRO (A)	90	4	30	03	2	8	Ac, Cs	15.5		16	6	12		52	0	12	
	372	CAIRO ALMAZA (A)	50	12	15	03	2	7	Ac, Cs	15.4	-3.6	16	6	12	+3	52	0	7	
	374	CAIRO EZBEKIYA	280	4	8	01	2	7	Cu, Ac, Ci	15.4	-4.0	14	7	12	+4	63	0	6	8
	375	GIZA	280	4	8	01	2	7	Cu, Ac, Ci	15.4	-4.1	11	8	8	+2	82	0	3	9
	378	HELWAN	00	0	3	05	2	8	Cc	15.5	-4.1	13	7	11	+2	67	0	3	8
UPPER EGYPT	381	FAYOUM																	2
	387	MINYA (A)	360	3	8	03	1	5	Ac, Ci	15.7	-4.2	10	7	7	+1	82	0	dr	
	393	ASYOUT (A)	00	0	12	03	1	7	Ac, Cs	15.1	-5.0	13	3	10	+3	51	0	0	
	399	NAG HAMADI	00	0	7	00	1	0	—	15.2	-4.4	14	8	9	+2	67	0	0	
	402	QENA	270	1	35	00	0	0	—	15.4	-3.4	17	4	9	+1	42	0	0	
	405	LUXOR (A)	00	0	18	02	0	0	—	14.8	-4.4	15	7	11		59	0	0	
	414	ASWAN																	
OASES	417	SIWA	160	5	18	03	1	6	As, Cs	13.0	7.7	13	8	12	+8	72	0	dr	4
	420	BAHARIYA	00	0	35	02	2	7	Ci	15.8	-4.4	13	7	9	+4	67	0	0.5	4
	423	FARAFRA	00	0	35	03	2	8	Ac, Ci	14.7		11	4	9		63	0	0	
	432	DAKHLA	340	4	50	03	1	3	Ci	14.3	-6.2	10	3	8	+2	62	0	0	
	435	KHARGA	00	0	15	01	1	1	Ci	13.9	-5.3	17	4	12	+5	42	0	0	
RED SEA	450	SUEZ																	8.
	459	TOR																	6
	462	HURGHADA																	
	465	QUSEIR	360	1	15	02	1	0	—	13.9	-3.7	18	11	16	+1	64	0	0	4
	641	PORT SUDAN																	
NORTH SUDAN	600	WADI HALFA																	
	640	ABU HAMAD	90	3	30	02	0	2	Ci			22	14	18		61	0		
	650	KAREIMA	20	3	30	02	0	1	Ci	10.7		19	13	18		68	0		
	680	ATBARA																	
	721	KHARTOUM																	
	730	KASSALA	20	4	30	03	2	6	Cs	8.0		26	18	17		62	0		
CENTRAL SUDAN	751	WAD MEDANI	310	5	15	02	0	3	Cs	9.8		22	9	15		44	0		
	801	RENK	360	9	35	02	0	2	Ci			23	9	14		41	0		
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SUDAN	840	MALAKAL	20	4	30	03	0	3	Ci	8.0		26	13	18		45	0		
	880	WAU																	
	941	JUBA	180	9	30	04	1	2	Ac	6.7		27					0		

RETARDS — DATE

* 9 = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	MATRUH		ALEX. A.P.		P. SAID		EL AR. H		ALMAZA		MINYA		ASYOUT		LUXOR		ASWAN		FARAFRA		DAKHLA	
DATE	27th		27th		27th		27th		27th		27th		27th		27th		27th		27th		27th	
TIME	14		14		14		14		13	30	14		14		14	15	14		14		14	
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	70	15	90	16	40	10	40	13	210	19	190	10	100	6	10	05	300	5	120	10	130	4
600 m.	80	15	90	14	30	10	60	11	130	16	180	11	210	10	150	3	350	4	200	16	240	8
1000 m.			120	14	30	9	80	9	180	20	180	13	100	6	240	3	320	2	220	20	230	20
1500 m.			200	9	20	6	80	9	290	28	260	6	250	5	320	8	260	3	240	20	260	12
2100 m.			220	9	20	5	210	13	10	24	240	17	250	15	260	12	240	10	250	16	270	14
2400 m.			240	10	360	6			10	16	240	18	240	22	260	12	240	9	250	21		
3000 m.			270	15	360	7			10	18	260	14	240	16	270	16						
4000 m.											260	52										
5000 m.																						
6000 m.																						

STATION	KHARGA		HURGHADA						MATRUH		P.SAID		EL ARISH		MINYA		ASYOUT					
DATE	27th		27th						28th		28th		28th		28th		28th					
TIME	14		14	15					5		2		4		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.	130	4	110	3					50	6	80	5	200	10	170	13	210	9				
600 m.	230	5	180	8					30	6	280	2	220	9	190	5	260	8				
1000 m.	280	3	280	2					10	7	00	0	240	16	180	6	250	10				
1500 m.	280	7	270	8					320	9	250	9	310	25			240	13				
2100 m.			270	11					270	4	250	13			170	8	260	23				
2400 m.			260	10					260	8	250	15			190	5	250	23				
3000 m.											230	14										
4000 m.																						
5000 m.																						
6000 m.																						

STATION	ALEX.A.P.		P.SAID		ALMAZA		HELWAN		MINYA		ASYOUT		FAHARIYA		FARAFRA		DAKHLA		KHARGA			
DATE	28th		28th		28th		28th		28th		28th		28th		28th		28th		28th			
TIME	8		8		8	15	6	45	8		8		8		8		8		8			
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED
300 m.	30	9	20	10	260	9	270	2	210	4	290	7	330	17	310	10	310	17	60	4		
600 m.	20	10	350	9	210	12	190	13	280	12	300	8	330	17	320	20	320	10	60	3		
1000 m.			320	7	220	9	220	11	260	9	250	9	340	20	330	13	310	7	360	3		
1500 m.			300	5	220	10	220	11	248	14	260	16	330	14	300	12	250	11	310	2		
2100 m.					250	18	240	17	250	29	250	16			260	17	250	19	270	13		
2400 m.					240	21	240	22	240	28	250	18			260	29			260	19		
3000 m.					260	29			250	26									280	17		
4000 m.																			270	25		
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 MONDAY 28th DECEMBER, 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 with out precipitation	
30	Slight or moderate duststorm or sandstorm	decreased during preceding hour
31		no change
32		increased
33		decreased
34	Severe duststorm or sandstorm	no change
35		increased
36	Slight or moderate drifting snow	low
37	Heavy "	
38	Slight or moderate "	high
39	Heavy "	
40	Fog at a distance, not during last hour	
41	" in patches	
42	" ,sky discernible	has become thinner during
43	" " " not "	preceding hour
44	" " " discernible	no change during preceding hour
45	" " " not "	
46	" " " discernible	has begun or become thicker
47	" " " not "	during last hour
48	" ,depositing rime, sky discernible	
49	" " " " " not "	

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	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:*

Moderate winds, mainly northerly. Some medium and low clouds, especially near coast. No change in temperature.

التوقعات للفترة من الساعة ١٢ ظهر اليوم إلى ظهر الغد

رياح معتدلة أغلبها شمالية - يظهر بعض السحب المتوسطة والمنخفضة خاصة قرب الساحل - ولا تغير يذكر في درجة الحرارة

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO — Time of Sunrise 04 50 U.T. — Sunset 15 03 U.T.

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

At 1200 on SUNDAY 27th DECEMBER 1953

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 %
40	7	35	03	2	6	Cu, Ac	14.3	18	13	73
80	8	15	02	2	6	Cu, Ac, Ci	12.8	18	14	78
90	12	18	02	2	7	Cu, Cs	12.6	19	13	68
70	10	35	02	1	5	Cb, Cu	11.9	19	14	73
40	16	35	02	2	8	Cu, Sc, Ac	13.0	19	14	73
60	16	18	02	2	8	Ac, As, Cs	12.6	19	14	73
40	9	15	02	1	6	Ac	14.0	18	15	83
60	16	12	02	2	7	Cs	13.8	18	15	83
40	4	30	03	2	7	Cs	12.1	18	11	64
130	9	15	02	2	3	Ci	13.3	20	15	73
40	5	35	03	2	8	Cs	13.7	21	12	57
40	10	35	03	2	8	Cs	13.1	21	14	65
40	5	35	01	1	3	As, Ci	12.8	21	12	57
40	2	35	02	1	6	St	12.7	21	12	57
40	3	35	02	2	8	Ci	12.4	22	6	36
70	10	18	02	2	8	Ac, Cs	13.0	23	6	34
40	10	18	02	2	7	Ac, Ci	12.7	24	5	30
50	4	18	02	2	7	Cs	12.2	23	7	36
50	4	18	02	2	7	Cs	12.4	24	7	34
00	0	1.5	06	4	6	Ac, Cs	12.3	22	6	32
00	0	35	02	2	7	Ci	11.8	24	12	47
180	5	10	02	2	5	Ci	12.5	26	12	42
90	1	14	02	1	3	Ci	11.6	27	6	27
00	0	15	03	0	7	Cu, Sc, Ac	11.8	25	15	54
00	0	35	03	1	6	Ac	11.2	27	16	52
330	3	30	01	1	4	Ac	10.8	28	15	45
340	4	50	01	1	3	Ci	9.9	29	20	59
100	3	18	01	2	5	Ac, Cs	12.6	23	8	38
00	0	35	03	2	8	Ac	12.0	26	7	30
140	4	35	01	2	5	Ci	11.8	27	9	33
180	2	15	02	2	7	Ac, Ci	10.8	27	13	42
00	0	50	01	0	4	Cu	12.4	26	10	37
140	5	50	01	1	4	As	12.2	23	18	74
360	7	30	02	2	7	As	12.0	21	14	65
360	1	15	02	1	7	Cu	11.8	23	15	61

At 1800 on SUNDAY 27th DECEMBER 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.	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	4	15	01	0	1	Cu	14.2	17	13	19	-1	77	0
80	9	14	3	2	4	Cu	14.3	17	14	19		83	0
70	13	7	01	1	3	Cu	13.7	17	15	19		88	0
70	13	35	01	2	0	—	13.6	15	13	19	0	88	0
80	10	18	01	2	0	—	13.6	15	14	19	0	94	0
110	5		00	1	0	—	14.2	16	14	19	0	88	0
90	13	10	01	1	0	—	14.1	16	15	18	0	94	0
130	9	3	02	0	0	—	13.6	14	12	21	0	88	0
20	2	7	00	1	0	—	14.0	15	13	22	+2	88	0
90	4	35	02	0	0	—	13.6	13	13	22	+1	97	0
20	2	15	00	0	0	—	13.9	14	12	22		88	0
20	4	35	02	1	0	—	13.8	15	11	22	+2	77	0
20	6	35	02	0	0	—	13.3	16	10	23		68	0
110	11	12	02	1	0	—	13.2	17	10	24		64	0
50	5	12	01	1	0	—	13.3	17	9	24	+4	60	0
70	2	8	00	2	0	—	13.2	17	9	24	+4	60	0
70	2	8	00	2	0	—	13.6	18	9	24	+4	56	0
40	12	3	45	1	3	Ci	12.7	18	6	25	+6	46	0
00	0	35	01	0	0	—	12.0	16	12	25	+4	77	0
00	0	7	01	1	0	—	12.8	17	11	26	+6	68	0
00	0	8	01	1	1	Ac	12.2	20	12	28	+7	60	0
00	0	7	02	1	4	Ac	12.3	17	11	26	+4	68	0
00	0	7	03	1	3	Ac	12.6	19	14	29	+6	73	0
00	0	12	01	1	2	Ci	12.0	20	13	30		64	0
00	0	50	00	0	0	—	11.8	26	16	31	+7	55	0
00	0	15	02	1	0	—	13.0	17	11	28	+8	68	0
00	0	15	02	2	0	—	13.1	16	3	29		42	0
00	0	15	00	0	0	—	12.3	22	-1	28	+6	21	0
00	0	15	00	1	0	—	11.6	19	14	29	+6	73	0
00	0	15	02	1	0	—	12.0	18	8	27	+6	52	0
00	0	35	02	1	0	—	12.0	17	11	24	+2	68	0
00	0	10	01	2	4	As, Ci	12.0	18	13	24	+3	73	0
00	0	15	02	1	0	—	12.2	12	8	24	0	77	0

At 0600 on MONDAY 28th DECEMBER 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	320	7	15	03	2	8	Cs	16.0	-1.5	14	10	12	+2	77	0	194	
	303	SÎDI BARRÂNI	220	3	12	25	5	7	Cu, Sc	15.2		13	12	12		94	7	93	
	306	MATRÛH (A)	250	5	18	02	1	4	Cu	15.1	-3.5	12	11	10		94	0	85	
	309	EL DAB'AA	70	11	15	03	2	6	Sc, Cu	13.8		17	13	12		77	0	88	
	319	ALEXANDRIA	40	11	35	03	0	3	Cu, Sc	14.0	-4.8	17	13	14	+3	77	0	90	90
	318	ALEXANDRIA (A)	30	5	12	03	1	5	Sc, As, Cu	14.0	-4.0	15	14	13	+3	94	0	97	65
	330	DAMIETTA	20	5	15	03	2	7	As, Cs	14.0	-4.1	16	14	13	+4	88	0	180	38
	333	PORT SAÎD (A)	30	6	5	05	2	5	Cs	13.4	-4.6	16	16	15	+3	97	0	75	
	336	EL 'ARISH	190	4	18	02	2	6	Cs	11.8	-6.9	17	9	10		60	0	90	
LOWER EGYPT	339	DAMANHÛR	40	5	1.5	28	4	8	—	14.2	-4.4	13	13	11	+3	97	0	35	34
	342	MANŞÛRA	20	2	15	03	2	5	As	13.8	-4.8	14	12	12	+4	88	0	32	15
	348	ṬANṬA	00	0	25	03	2	5	Cs	13.9	-5.2	13	12	9	+2	97	0	24	13
	360	SHEBÎN EL KÔM	320	3	7	10	4	8	—	13.5	-5.7	12	12	9		97	0	Appx	
	354	ZAGAZIG	00	0	7	10	4	0	—	13.8	-5.4	10	10	8	+1	97	0	10	9
	441	ISMA'ÎLÎA	200	1	35	03	1	6	Ci	13.9		12	10	9		88	0	26	
CAIRO AREA	366	CAIRO (A)	290	4	0.01	47	4	9	—	1443		9	9	8		97	0	12	
	372	CAIRO ALMAZA (A)	340	3	0.09	47	4	9		14.4	-5.0	9	9	8	-1	97	0	7	
	374	CAIRO EZBEKÎYA	00	0	0.03	45	4	9		14.8	-4.6	13	9	10	+2	77	0	6	8
	375	GIZA	00	0	0.03	45	4	9		1443	-5.2	9	8	7	+1	94	0	3	9
	378	HELWÂN	00	0	7	02	1	4	Cs	14.2	-5.4	15	7	15	+6	59	0	3	8
UPPER EGYPT	381	FAYOÛM	00	0	35	02	2	7	Ac	1446	-4.8	12	10	9	+2	88	0	3	2
	387	MINYA (A)	180	5	8	02	1	4	Ac	14.2	-5.8	13	11	10	+4	88	0	4x	
	393	ASYOÛṬ (A)	00	0	8	00	1	4	Ac, Ci	14.9	-5.2	15	10	11	+4	72	0	0	
	399	NAG' HAMÂDI	00	0	7	02	1	4	Ac, Ci	14.4	-5.2	17	13	12	+7	77	0	0	
	402	QENA	320	1	35	03	1	3	Ci	14.3	-4.6	19	10	11	+3	56	0	0	
	405	LUXOR (A)	00	0	30	03	1	2	Ci	14.2	-5.0	16	10	11		69	0	0	
	414	ASWÂN	00	0	50	00	0	0	—	14.2	-4.8	20	15	16	+5	73	0	0	
OASES	417	SÎWA																	
	420	BAHARÎYA	320	1	35	02	2	8	Ci	14.8	-5.4	12	8	9	+4	7	0	-0.5	4
	423	FARAFRA	00	0	35	03	2	8	Ac, Ci	16.4		10	3	7		6	0	0	4
	432	DAKHLA	270	9	50	03	1	3	Ci	15.5	-5.0	12	0	10	+4	44	0	0	
	435	KHARGA	00	0	15	02	2	3	Ac, Ci	13.9	-5.3	17	9	12	+5	44	0	0	
RED SEA	450	SUEZ	180	3	35	00	0	5	Ci	13.1	-5.7	16	12	11	+1	77	0	26	8
	459	TÛR	40	5	50	01	1	4	Ci	13.9	-4.1	17	11	14	+5	68	0	Appx	6
	432	HURGHÂDA	240	4	30	02	2	6	Ci	13.2	-4.1	16	9	13	+2	64	0	0	
	465	QUSEIR	160	1	15	02	0	2	Cu	13.6	-4.0	18	16	17	+2	88	0	0	4
	641	PORT SÛDAN																	
NORTH SUDAN	600	WÂDI HALFA																	
	640	ABU HAMAD																	
	660	KAREIMA																	
	680	ʿAṬBARA																	
	721	KHARTOÛM																	
	730	KASSALA																	
CENTRAL SUDAN	751	WÂD MEDANI																	
	801	RENK																	
	802	ROSEIRES																	
	771	EL OBEID																	
	780	EL FASHER																	
	770	GENEINA																	
S. SÛDÂN	840	MALAKÂL																	
	880	WÂU																	
	941	JUBA																	

RETARDS — DATE

* e = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

ALEX A.P. 28 th		P.SAID 28 th		MINYA 28 th		ASYOUT 28 th		ASWAN 28 th		SIWA 28 th		DAKHLA 28 th		KHARGA 28 th		LUXOR 28 th	
14		14		14	45	14		14		15		14		14		14	
										DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
40	11	20	16	290	6	320	10	330	6	310	7	340	15	10	10	20	3
30	10	20	16	290	12	290	10	340	8	300	6	340	16	360	10	350	5
30	13	20	13	300	13	300	15	340	10	320	4	340	11	350	9	330	6
60	7	40	12	300	12	280	18			270	8	280	5	280	8	280	12
290	9	60	11	270	14	260	20			270	10			270	15	300	6
270	14	70	13	260	17	250	21			250	20			270	18	290	10
270	17			240	23	270	30			240	11						
280	27					260	33			250	26						
										270	39						

MATRUH 29 th		P.SAID 29 th		EL ARISH 29 th		MINYA 29 th		ASYOUT 29 th	
5		2		4		3		2	
								DIR.	SPEED
270	14	70	11	350	6	20	10	310	13
260	10	70	12	350	8	350	9	340	23
230	10	80	12	350	7	320	10	310	16
		110	14			280	13	280	9
								200	28
								300	21

MATRUH 29 th		P.SAID 29 th		HELWAN 29 th		ASYOUT 29 th		DAKHLA 29 th		KHARGA 29 th		HURGHADA 29 th	
8		8		6	30	8		8		8		8	
										DIR.	SPEED	DIR.	SPEED
170	14	70	12	20	3	300	3	80	5	20	13	330	10
150	10	70	14	20	4	10	8	80	4	30	19	320	5
		70	12	340	3	310	8	40	11	40	13		
		110	7			340	6	70	5	110	3		
		100	2					20	11	350	10		
		210	3							340	18		
		250	10										

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

CAIRO A.P.
28 th
1500

PRESSURE mb	ALT. m	TEMP °C	HUM %	WIND DIR.	WIND SPEED	ALT. m	TEMP °C	HUM %	WIND DIR.	WIND SPEED
70	17		30	4						
138	17		30	4						
1503	9		290	9						
3087	2		260	29						
5705	-16		220	47						
7358	-28		260	87						
9413	-40									

REMARKS :

1. Wind direction is in whole degrees east of 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 29th DECEMBER, 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	
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05	Dry haze	
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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 :*

Light variable northeasterly winds with medium and low patches over Delta Area. Temperature gradually decreasing with light rain in the North. Light northeasterly winds with medium patches over Upper Egypt.

التغيرات المتوقعة فى حالة الجو من ظهر اليوم الى ظهر الغد

رياح خفيفة متغيرة الاتجاه شمالية شرقية وتكاثر سحب متوسطة ومنخفضة فى الوجه البحرى ودرجة الحرارة فى انخفاض تدريجى مع مطر خفيف أحيانا فى أقصى الشمال أما فى الصعيد فرياح شمالية شرقية خفيفة مع سحب متوسطة

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

SYNOPTIC SURFACE OBSERVATIONS

04 50
15 04

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

1200 MONDAY 28th DECEMBER 1953 — 1800 MONDAY 28th DECEMBER 1953 — 0600 TUESDAY 29th DECEMBER 1953

1200 Wind Dir	1200 Wind Speed	1200 Vis	1200 Present Weather	1200 Past Weather	1200 Cloud Amount	1200 Cloud Form	1200 Pressure	1200 Dry Bulb	1200 Dew Point	1200 Rel. Humidity	1800 Wind Dir	1800 Wind Speed	1800 Vis	1800 Present Weather	1800 Past Weather	1800 Cloud Amount	1800 Cloud Form	1800 Pressure M.S.	1800 Dry Bulb	1800 Dew Point	1800 Maximum Today	1800 Max Diff from normal	1800 Rel. Humidity	1800 Rain past 12 hrs	Index No.	0600 Wind Dir	0600 Wind Speed	0600 Vis	0600 Present Weather	0600 Past Weather	0600 Cloud Amount	0600 Cloud Form	0600 Bar Pressure M.S.	0600 Diff from normal	0600 Dry Bulb	0600 Dew Point	0600 Minimum Today	0600 Min Diff from normal	0600 Relative Humidity	0600 Rain past 24 hrs	0600 Total rainfall	
320	4	35	01	1	4	Cu,Ac	15.8	18	10	60	250	2	15	02	1	3	Cu	15.8	15	11	18	-2	77	dr		220	4	15	01	1	2	Ci	15.5	-2.1	13	8	10	0	72	dr	194	
350	8	18	02	2	7	Cu,Ci	14.9	17	13	77	220	3	14	02	0	1	Sc	16.1	14	12	17		88	0		180	4	12	01	2	3	Sc,Ac,As	15.2		10	8	10		88	0	92	
350	8	14	02	2	7	St	15.1	18	14	78	00	0	11	01	1	1	Sc,Cu	17.2	13	10	18		82	c		190	7	14	02	2	8	As	16.5	-2.1	13	12	10		94	0	65	
40	3	35	02	1	5	Cb	14.5	19	12	64	140	1	7	01	2	4	Cb	16.9	14	12	19		88	0		180	7	15	03	2	8	St	16.9		12	10	9		88	0	88	
40	11	35	03	0	6	Cu,Sc,Ac	14.4	18	13	73	40	4	35	01	1	0	—	16.8	16	14	19	0	88	0	319	00	0	35	03	0	8	Cu,Sc	18.2	-0.7	15	11	14	+3	77	0	90	92
40	9	18	02	2	7	Cu,Cs	14.5	19	13	68	20	2	12	01	2	0	—	16.6	14	13	19	0	94	0		00	0	10	02	4	8	Sc	17.9	-0.1	13	12	10	0	94	0	97	67
											20	5		00	1	0	—	16.2	16	12	18	-1	77	0		110	2	7	03	1	5	Cu,Ac	17.9	-0.1	15	13	14	+5	88	0	180	38
											20	6	10	03	2	4	Cs	16.3	16	14	20	+2	88	0		90	9	8	03	0	5	Sc,Ci	17.9	-0.1	16	14	16	+4	88	0	75	
300	4	30	02	2	5	Ac,Cs	12.4	20	11	56																00	0	10	03	2	6	St,Ac,Ci	16.4	-2.3	13	12	12		94	0	90	
40	5	15	02	2	7	Ci	14.2	19	14	73	40	5	3	02	1	3	Ci	15.9	15	13	20	0	88	0		40	5	3	02	2	8	Ac	17.9	-0.7	13	11	11	+3	88	0	35	34
40	5	15	03	2	8	Ci	13.8	20	15	73	20	2	3	03	2	8	As	16.3	15	13	21	+1	88	0		40	2	7	03	2	8	Sc	17.8	-0.8	15	11	12	+4	77	c	32	15
360	5	35	03	2	7	Cu,Ci	14.6	20	15	73	40	2	35	02	0	0	—	15.6	15	13	20	-1	88	0		00	0	35	03	2	8	Cu	18.1	-1.0	14	12	11	+4	88	0	24	13
320	5	35	01	1	4	Sc,Cu	14.6	20	15	73	320	2	15	00	1	0	—	15.9	14	12	21		88	0		320	2	15	01	1	6	Sc,Cu	17.5	-1.7	14	12	11		88	0	Rain	
											00	0	15	01	2	0	—	16.0	15	13	22	+2	88	0		00	0	15	02	2	8	Cu	17.3	-1.9	13	11	9	+2	88	0	10	9
270	2	35	03	2	8	Ac	14.6	23	15	61	40	1	35	01	0	0	—	15.8	15	11	24		77	0		00	0	35	03	2	8	Ac	17.5		13	13	11		97	c	26	
360	3	6	03	2	7	Ac,Ci	14.9	17	14	83	60	6	10	03	2	7	Sc	16.9	17	14	19		83	0		110	1	18	02	2	8	Sc	18.4		15	13	11		88	0	12	
350	4	2	05	2	6	Cc	14.5	17	14	83	20	6	6	05	2	8	Sc	16.9	16	14	18	-2	88	0		00	0	6	10	2	8	Sc	18.2	-0.8	14	12	13	+4	88	0	7	
350	4	14	03	4	7	As,Ci	14.2	17	14	83	30	3	8	01	2	6	Sc	17.1	16	14	18	-2	88	0	374	00	0	4	05	2	8	Sc,Ac	17.9	-1.5	15	12	14	+6	82	0	6	8
350	4	14	03	4	7	As,Ci	14.4	18	14	78	30	3	8	01	2	6	Sc	16.2	17	14	19	-1	83	0	375	00	0	4	05	2	8	Sc,Ac	18.0	-1.5	13	12	8	+2	94	0	3	9
320	4	0.8	10	4	9		14.3	18	10	60	340	5	3	02	1	5	Cc	16.6	17	13	20	+1	77	0		40	5	7	02	2	8	Ns,As	18.0	-1.6	14	10	12	+3	77	dr.	3	8
00	0	35	02	2	7	Ns	14.4	21	10	50	00	0	35	02	2	7	Ns	16.6	16	14	22	+1	88	0		00	0	15	02	2	8	Ns	18.6	-0.8	12	10	10	+3	88	0	3	2
330	6	8	03	2	5	Ci	13.1	22	8	41	330	4	8	02	6	8	As	15.8	18	11	23	+3	46	dr		360	4	3	02	2	8	As	18.4	-1.6	13	13	13	+8	97	dr.	dr.	
											230	3	10	02	2	6	Ac,As	15.7	18	6	23	+2	46	0		240	1	12	02	1	4	Sc,Ac	18.1	-2.1	16	12	14	+7	77	0	0	
00	0	15	03	1	5	Sc,Ac,Ci	12.6	28	17	52	00	0	7	02	1	3	Ac	14.6	18	15	29	+7	83	0		00	0	7	00	1	0	—	16.6	-3.0	12	8	9	+3	77	0	0	
270	1	50	02	1	2	Ci	12.2	29	16	46	270	2	7	00	0	0	—	14.2	20	11	30	+6	56	0																		
00	0	30	02	0	1	Ci	11.6	25	15	54	00	0	12	02	0	0	—	13.7	20	11	31		56	0																		
260	3	50	01	1	2	Ci	10.8	30	13	35	00	0	50	00	0	0	—	13.3	27	11	31	+7	37	0																		
280	2	14	02	2	7	Cu,Ac,Ci	16.2	17	12	72																																4
320	2	35	02	2	8	Ac	15.4	20	13	64																00	0	35	02	2	8	Ac	18.2	-2.0	13	11	12	+7	88	0	0.5	4
320	19	35	03	1	0	—	16.0	20	6	41	00	0	15	01	2	5	Ac,Ci	18.4	17	4	23		42	0		00	0	35	03	2	8	Cu,Ac,Cs	18.4		12	3	9		55	0	0	
											340	15	15	00	0	0	—	17.2	18	-1	25	+3	28	0		320	4	50	01	2	6	Ci	18.7	-1.9	11	1	9	+4	51	0	0	
40	2	15	03	1	2	Ci	12.0	28	0	16	360	1	15	00	1	0	—	14.6	21	4	28	+5	33	0		00	0	15	02	1	3	Ac	16.1	-3.2	14	5	10	+3	55	0	0	
											310	4	15	01	0	4	Cu	15.2	17	13	23	+2	77	0		360	3	35	00	0	7	Cu	16.7	-2.1	15	13	14	+4	88	0	26	8
140	5	35	03	2	7	As	12.6	24	19	74	90	5	35	03	2	7	As	13.8	21	19	26	+4	88	0		40	5	35	03	2	8	As	16.2	-1.8	18	16	17	+8	88	0	Rain	6
160	2	15	02	0	4	Sc,Cu	11.8	24	21	84	160	1	15	02	0	0	—	13.3	23	23?	25	+2	97	0		160	1	15	02	0	0	—	14.8	-2.8	21	17	12	-3	78	0	0	4

θ = Sky obscured by fog etc.

(A) AERODROME

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

MATRUH 29th 14		ELARISH 29th 14		MINYA 29th 14		ASYOUT 29th 14		ASWAN 29th 14		DAKHLA 29th 14		KHARGA 29th 14		HURGHADA 29th 14		LUXOR 29th 14					
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
160	18	50	9	20	10	300	6	350	9	60	7	40	15	220	2	40	8				
160	20	140	2	70	5	30	8	330	12	60	[illegible]	60	16	40	3	20	11				
160	16	190	4	190	5	80	5	350	13	80	8	60	12	340	3	30	10				
200	17	200	5	320	13	20	12	360	14	130	14	100	6	300	7	90	4				
220	21	240	11	290	10	50	8					130	10			70	5				
220	20			220	9	180	11									40	5				
220	21			210	33	240	17									180	6				

ALEX. A.P. 30th 2		P. SAID 30th 2		ELARISH 30th 4		MINYA 30th 2 30		ASYOUT 30th 2													
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
180	37	240	10	250	24	90	17	130	19												
210	20	240	12	240	26	100	27	110	29												
		240	23	240	20	120	26	110	24												
		240	23	250	28	160	31	130	27												
						190	36														
						210	43														

MATRUH 30th 8		ALEX. A.P. 30th 8		HELWAN 30th 7		MINYA 30th 8		ASYOÛT 30th 8		BAHARIYA 30th 8		DAKHLA 30th 8		KHARGA 30th 8		HURGHADA 8 30th 8					
DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED	DIR	SPEED
270	17	230	13	200	15	130	15	140	38	160	17	130	30	160	3	150	7				
250	18	220	14	150	44	160	27	130	18	160	22	200	21	180	11	120	13				
220	23			140	44	170	33	180	21	200	36	180	23	180	10	120	18				
				180	44	190	15	220	20	190	16	200	21	220	22	140	28				
				190	36	210	17	330	13					220	31						
						240	20							220	31						
						200	15														

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :
1. Wind direction is in whole degrees east of 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 30th DECEMBER, 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
31		no change
32		increased
33	Severe duststorm or sandstorm	decreased
34		no change
35		increased
36	Slight or moderate drifting snow	low
37	Heavy "	low
38	Slight or moderate "	high
39	Heavy "	high
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during
43	" , " not "	preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	no change during preceding hour
46	" , " discernible	has begun or become thicker
47	" , " not "	during last hour
48	" , depositing rime, sky discernible	
49	" , " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	slight
52	" " " intermittent	moderate
53	" " " continuous	moderate
54	" " " intermittent	thick
55	" " " continuous	thick
56	" freezing, slight	
57	" " moderate or thick	
58	" and rain, slight	
59	" " " moderate or heavy	
60	Rain, not freezing intermittent	slight
61	" " " continuous	slight
62	" " " intermittent	moderate
63	" " " continuous	moderate
64	" " " intermittent	heavy
65	" " " continuous	heavy
66	Rain, freezing, slight	
67	" " moderate or heavy	
68	" or drizzle and snow, slight	
69	" " " " moderate or heavy	
70	Intermittent fall of snow flakes	slight
71	Continuous " " "	slight
72	Intermittent " " "	moderate
73	Continuous " " "	moderate
74	Intermittent " " "	heavy
75	Continuous " " "	heavy
76	Ice needles	
77	Granular snow	with or without fog
78	Isolated star like snow crystals	
79	Ice pellets	
80	Rain shower (s), slight	
81	" " moderate or heavy	
82	" " violent	
83	Shower (s) of rain and snow, slight	
84	" " moderate or heavy	
85	Snow shower (s), slight	
86	" " moderate or heavy	
87	Shower (s) of soft hail with or without rain, slight	
88	" of 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

LIBRARY
APR 12 1954
WEATHER BUREAU

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

Moderate to fresh southwesterly winds. Low and medium patches developing with occasional showers Delta Area and Cairo. Temperature decreasing.

من ظهر اليوم إلى ظهر الغد

تهب الرياح الجنوبية الغربية معتدلة والنشطة مع سحب منخفضة ومتوسطة. وتطر مرة أخرى في أنحاء متفرقة في الوجه البحري والقاهرة. وتنخفض درجة الحرارة قليلا

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

SYNOPTIC SURFACE OBSERVATIONS

(A) AERODROME

TUESDAY 29th

1200																								
140	13	35	03	2	5	Cu, Ac	11.5	19	7	46	200	7	15	03	6	6	Sc	7.8	16	12	19	-1	77	2	
180	12	18	03	0	6	Ac, As, Ci	11.7	19	11	60	160	14	12	41	6	8	As	8.1	15	12	19		82	1	
150	9	18	02	2	6	Cu, Ac, Ci	12.5	19	12	64	120	9	10	60	6	8	Sc, As	10.5	16	12	19		77	dr.	
140	4	35	01	1	2	Cu	14.1	18	10	60	140	3	7	03	2	8	Sc	11.9	15	11	18		77	0	
30	11	35	02	2	8	Sc, Ac, As	14.3	18	13	73	40	11	35	02	2	8	Sc, Ac, Cs	13.8	16	12	20	+1	77	0	319
120	7	18	02	2	7	Cu, Sc, Cs	14.5	19	13	68	120	11	12	02	2	8	Ac, [illegible]S	14.1	16	14	19	0	88	0	
40	9	15	03	1	7	Cu, Ac	16.2	17	13	77	140	5	3	01	1	3	Ac	15.9	16	14	18	-1	88	0	
50	10	14	03	2	8	Sc, Cs	16.0	18	14	78	100	10	8	01	2	5	AC	16.0	16	14	18	0	88	0	
360	2	30	02	2	7	As	15.3	17	14	83															
130	9	15	02	1	6	Ac	15.0	18	13	73	130	5	7	02	1	2	Ac	14.8	16	14	19	-1	88	0	
90	2	15	03	2	8	Sc	15.1	20	13	64	40	2	3	03	2	8	Sc	15.1	15	13	20	0	88	0	
130	2	35	03	2	8	Cu, Cs	15.5	18	15	83	00	0	35	03	2	8	Cu	15.5	15	13	19	-2	88	0	
140	5	35	01	1	6	Sc	15.2	18	12	73	160	2	15	01	1	4	Cu	15.0	14	12	19		88	0	
00	0	35	02	2	8	Cu	14.8	18	13	70	00	0	15	01	2	3	Cu	14.8	16	12	19	-1	77	0	
90	2	35	02	2	8	Cs	15.2	19	12	64	20	3	35	02	2	8	Cs	15.1	16	12	20		77	0	
90	4	14	01	2	8	Ac	15.7	18	12	68	00	0	10	02	5	8	Ac, As	15.2	16	14	19		88	dr.	
30	7	12	02	2	8	As	15.2	18	11	64	180	8	10	20	5	8	Ns	14.9	16	14	19	-1	88	dr.	374
60	3	12	02	2	8	Ns, Ac, As	15.4	18	12	68	50	3	6	50	5	8	Ns, Ac, As	15.4	17	12	18	-2	72	dr.	375
60	3	12	02	2	8	Ns, Ac, As	15.9	18	12	68	50	3	6	50	5	8	Ns, Ac, As	15.5	16	14	19	-1	88	dr.	
340	3	3	02	4	8	As	15.4	17	11	68	20	5	1.5	61	6	8	Ns, As	15.4	15	13	17	-2	88	0.4	
00	0	35	50	5	8	Ns	15.1	15	13	88	00	0	1.5	10	5	8	Ns	15.1	14	14	17	-4	97	1	
360	6	7	02	4	8	Ac, As	14.9	18	14	78	360	8	8	02	2	8	Cu, Ac, As	14.9	15	14	19	-1	94	0	
340	1	12	01	2	6	Sc, Ci	14.2	23	11	47	270	3		03	2	8	Ac, As	14.1	18	14	25	+4	78	0	
00	0	15	00	0	0	—	13.4	26	14	48	00	0	7	00	0	0	—	13.9	16	12	26	+4	77	0	
270	1	50	00	0	0	—	13.0	26	10	37	00	0	7	00	0	0	—	13.6	17	9	28	+5	60	0	
340	10	30	02	0	0	—	12.7	26	7	30															
340	4	50	00	0	0	—	10.7	28	15	45	360	3	50	00	0	0	—	11.8	26	12	29	+5	42	0	
90	1	35	02	2	7	Ac	15.8	19	14	73	00	0	15	02	2	8	Ac	15.6	16	12	20	0	77	0	
00	0	35	02	2	8	Sc, Ac, Ci	15.2	21	7	41	00	0	15	02	2	8	Sc, Ac, Ci	13.1	16	8	22		59	0	
00	0	50	00	0	0	—	13.4	25	2	22	320	4	15	00	0	0	—	13.2	20	-6	28	+6	17	0	
40	7	7	00	0	0	—	12.6	26	7	30	40	2	15	00	0	0	—	12.3	21	4	29	+6	33	0	
180	4	50	02	0	7	Cu	15.2	19	14	73	00	0	15	02	5	7	C6	14.8	17	13	21	0	77	dr.	
310	9	35	03	2	8	As	13.8	22	17	74	360	5	35	03	2	8	As	14.2	20	13	23	+2	64	0	
10	10	30	02	2	4	Ac	13.8	21	17	78	00	0	10	02	2	4	Ac	14.2	20	15	22	+1	73	0	
360	1	15	02	0	8	Cu	13.6	23	20	84	00	0	15	02	0	0	—	14.6	22	20	23	0	89	0	

WEDNESDAY 30th DECEMBER, 1953

0900																								
210	8	14	02	0	1	Cs	7.6		14	9	10		72	1	93									
200	2	14	02	2	7	Ns, Ci	8.7	-9.9	13	11	12		88	dr.	65									
290	10	15	03	2	8	St	8.6		16	10	11		68	0	88									
110	13	35	02	2	8	Sc, Ac, As	8.8	-10.1	17	9	14	+3	60	0	90	94								
140	12	12	02	2	8	Ac, As	8.6	-9.4	16	10	14	+4	68	dr.	97	68								
220	2	3	50	5	8	Ns, Sc	12.3	-5.7	17	13	14	+5	77	dr.	180	39								
180	16	8	02	6	8	As	12.4	-5.6	17	14	15	+3	83	dr.	75									
190	3	18	52	6	8	Ns, As	13.9	-4.8	18	14	13		78	0.1	90									
130	13	7	03	2	8	Ac	10.0	-8.6	16	12	13	+5	77	0	35	35								
90	2	7	03	2	8	Cu, Sc	11.2	-7.4	17	13	14	+6	77	0	32	15								
180	1	35	03	2	8	Cu	10.6	-8.5	17	13	13	+6	77	0	24	13								
220	2	7	01	1	6	C6	11.2	-8.0	17	11	13		68	0	Rain									
40	5	15	02	2	8	Cu	11.4	-7.8	16	12	12	+5	77	0	10	9								
180	2	35	21	6	8	As	11.5		17	11	13		68	1	27									
160	15	18	20	5	8	Ns, Ac, As	11.3		20?	12	14		60	dr.	12									
110	16	10	20	5	8	Ns	11.5	-7.5	20?	11	15	+6	56	dr.	7									
00	0	6	61	6	8	Ns, Ac, As	11.8	-7.6	18	13			73	1	7	8								
00	0	6	61	6	8	Ns, Ac, As	11.1	-8.4	16	12	13	+7	77	2	5	9								
70	18	15	50	5	8	Ns, As	11.6	-8.0	20?	8	14	+5	46	2	5	8								
00	0	35	02	2	8	Ns	12.6	-6.8	14	12	11	+4	88	1	4	2								
10	6	8	03	2	4	Ac, As	12.8	-7.2	15	13	13	+8	88	0	dr.									
10	4	10	02	1	6	Ac, As	13.3	-6.9	18	6	14	+7	46	0	0									
00	0	7	00	0	0	—	13.5	-6.1	15	13	10	+4	88	0	0									
270	1	35	00	0	0	—	13.9	-5.0	17	11	10	+3	68	0	0									
00	0	30	02	0	0	—	13.8	-5.4	15	9	10		68	0	0									
20	3	50	00	0	0	—	13.0	-6.0	20	17	16	+5	83	0	0									
270	4	10	05	2	6	Sc, Ci	9.8	-10.9	14	10	14	+10	77	2	2	4								
90	2	35	02	5	8	Ac	11.4	-8.8	18	8	15	+10	52	dr	0.5	4								
00	0	35	03	2	8	Ns	12.3		15	4	12		48	0	0									
180	4	50	01	2	4	Ci	13.1	-7.5	15	-8	10	+5	20	0	0									
00	0	7	00	0	0	—	11.6	-7.7	17	11	13	+6	68	0	0									
00	0	35	00	6	6	C6	13.8	-5.0	17	13	14	+4	77	dr.	26	8								
40	5	35	03	2	8	Sc	13.8	-4.2	18	10			60		Rain	6								
190	10	30	02	1	4	Sc	13.9	-3.5	21	16	15	+4	74	0	0									
360	1	15	02	0	0	—	14.6	-3.0	21	18	20	+5	83	0	0	4								

UPPER WIND OBSERVATIONS

BY PILOT BALLOON

STATION	MATRUH		ALEX. A. P.		P. SAID		ALMAZA		MINYA		ASYOUT		DAKHLA		KHARGA		HURGHADA					
DATE	30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th		30 th					
TIME	14		14		14		14	15	14		14		14		14		14	30				
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	300	10	280	6	100	16	170	16	140	27	150	12	170	4	280	3	140	12				
600 m.	280	11	200	5	110	11	160	35	150	24	170	10	200	9	210	9	140	9				
1000 m.	270	12	210	22	120	11	180	38	170	24	210	10	200	14	220	14	140	9				
1500 m.	230	17	210	25	120	12			130	13	220	10	220	16	230	24	290	10				
2100 m.					150	11			170	19			220	31	230	20						
2400 m.					180	12																
3000 m.					190	17																
4000 m.																						
5000 m.																						
6000 m.																						

STATION	ALEX. A. P.		P. SAID		MINYA		ASYOUT															
DATE	31 st		31 st		31 st		31 st															
TIME	2		3		2	30	2															
ALTITUDE	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED
300 m.	280	11	240	20	260	11	60	4														
600 m.	290	12	200	30	240	24	160	10														
1000 m.	290	13	210	30	220	5	160	17														
1500 m.			180	37			200	16														
2100 m.							220	19														
2400 m.							240	21														
3000 m.							230	36														
4000 m.																						
5000 m.																						
6000 m.																						

STATION	MATRUH		HELWAN		MINYA		ASYOUT		BAHARIYA		DAKHLA		KHARGA									
DATE	31 st		31 st		31 st		31 st		31 st		31 st		31 st									
TIME	8		7		8		8		8		8		8									
ALTITUDE	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED	DIR.	SPEED
300 m.	240	15	240	6	300	15	320	12	280	31	320	17	40	9								
600 m.	240	21	250	10	300	20	320	14	280	40	280	20	50	9								
1000 m.	250	21	210	18	260	17	160	5	280	52	250	30	300	3								
1500 m.			210	48	190	16	180	23					260	17								
2100 m.			240	66	200	45	210	30					250	23								
2400 m.					210	49							250	24								
3000 m.																						
4000 m.																						
5000 m.																						
6000 m.																						

UPPER AIR OBSERVATIONS

BY RADIOSONDE / RADIOWIND

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

REMARKS :

1. Wind direction is in whole degrees east of true north
2. Wind speed is in knots
3. Times are in Universal Time (U.T.)

THE DAILY WEATHER REPORT

METEOROLOGICAL DEPARTMENT – CAIRO – EGYPT

DATE THURSDAY 31st DECEMBER, No 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)	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		decreased
34	Severe duststorm or sandstorm	no change
35		increased
36	Slight or moderate drifting snow	low
37	Heavy " "	
38	Slight or moderate " "	high
39	Heavy " "	
40	Fog at a distance, not during last hour	
41	" in patches	
42	" , sky discernible	has become thinner during
43	" , " not "	preceding hour
44	" , " discernible	no change during preceding hour
45	" , " not "	
46	" , " discernible	has begun or become thicker
47	" , " not "	during last hour
48	" , depositing rime, sky discernible	
49	" , " " " " not "	
50	Drizzle, not freezing, intermittent	slight
51	" " " continuous	
52	" " " intermittent	moderate
53	" " " continuous	
54	" " " intermittent	thick
55	" " " continuous	
56	Drizzle, freezing, slight	
57	" " moderate or thick	
58	Drizzle 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	Rain 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	" " " " moderate	
89	Shower (s) of hail, with or without rain, slight	
90	" " " " moderate	
91	Slight rain	during preceding hour 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 hail	
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

LIBRARY
APR 12 1954
WEATHER BUREAU

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

~~Rainy weather continues over Lower and Middle Egypt. Risk occasional light thunderstorms with moderate to fresh southwesterly winds especially coastal areas. Temperature about normal.~~

سوء الجو اليوم الى ظهر الغد

يستمر الطقس الممطر فوق مصر السفلى والوسطى مع احتمال عواصف رعدية خفيفة من اتجاه متفرقة مع رياح جنوبية غربية معتدلة قوية أحيانا خصوصا على السواحل - ودرجة الحرارة حول المعدل

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

SYNOPTIC SURFACE OBSERVATIONS

CAIRO Time of Sunrise 04 51 U.T. Sunset 15 05 U.T.

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

At 1200 on WEDNESDAY 30th

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Temp. Dry Bulb	Temp. Dew Point	Relative Humidity
Salloûm	250	7	35	00	0	0	—	7.7	18	8	52
Sîdi Barrâni	270	9	18	02	0	1	Cs	7.4	18	9	56
Matrûh (A)	320	9	18	00	0	1	Ci	6.7	18	13	73
El Dab'aa	320	10	35	03	2	7	Sc	7.2	17	11	68
Alexandria	00	0	35	01	2	7	Sc,Ac,As	8.6	19	14	73
Alexandria (A)	130	1	18	02	2	8	Sc,Ac,As	8.9	18	14	78
Damietta	140	2	3	50	5	8	Cb,Sc	9.3	18	10	60
Port Sa'îd (A)	140	22	10	21	6	8	Ac,As	9.2	19	14	73
El 'Arish	150	2	18	60	6	8	Ns	12.4	18	16	88
Damanhûr	360	5	7	58	5	8	Ns	9.3	19	14	73
Manşûra	140	2	7	03	5	8	Cu,Sc	8.4	19	14	73
Ţanta	00	0	7	03	6	8	Ns	9.1	17	15	88
Shebîn el Kôm											
Zagazig	40	5	35	02	6	8	Cu	9.6	20	13	64
Ismâ'ilîa	90	3	35	58	6	8	Ns	10.0	19	12	64
Cairo (A)	150	16	18	02	2	8	Ns,Ac,As	9.4	21	11	53
Cairo Almâza (A)	180	9	8	20	5	8	Ac	9.2	19	12	64
Cairo Ezbekîya	160	8	12	02	5	8	Ac,As	9.0	18	12	68
Giza	160	8	12	02	5	8	Ac,As	8.8	19	12	64
Helwân	180	5	3	02	5	8	Ns,As	9.4	22	9	44
Fayoûm	360	4	35	50	5	8	Ns	9.8	18	13	73
Minya (A)	160	3	8	02	2	7	Ac,As	10.1	22	14	61
Asyout (A)	100	10	14	01	2	5	Ac,As	8.9	27	15	48
Nag Hamâdi	40	1	15	00	0	0	—	9.3	29	16	46
Qena	00	0	50	00	0	0	—	9.8	30	17	46
Luxor (A)											
Aswân	250	3	50	00	0	0	—	8.4	32	16	38
Sîwa											
Baharîya	180	1	35	02	5	8	Ac	9.6	20	15	73
Farafra	00	0	35	02	5	8	Cu,Sc	9.6	17	9 ?	60
Dakhla	180	9	35	02	2	5	Ci	8.6	29	6?	23
Kharga	00	0	15	03	1	3	Ac	8.8	29	16	46
Suez	220	4	50	03	6	7	Cb	11.2	19	14	73
Tôr	180	5	7	03	2	6	Ac	11.1	25	19	70
Hurghâda	130	10	30	02	1	2	Ac	11.0	25	19	70
Quseir	110	1	15	02	0	3	Ac	12.2	24	21	84

At 1800 on WEDNESDAY 30th

Station	Wind Direction Deg.	Wind Velocity in knots	Visibility in Km. (or m.)	Present Weather ww	Past Weather W	Cloud Amount 0-8	Cloud Forms	Bar. Pressure M.S.L. mb.	Dry Bulb	Dew Point	Maximum Today	Maximum Diff. from normal	Relative Humidity %	Rain past 12 hrs. mms.
Salloûm	00	0	12	02	0	0	—	8.8	12	11	19	-1	94	0
Sîdi Barrâni	180	5	14	01	0	0	—	7.9	13	10	18		82	0
Matrûh (A)	00	0	12	02	0	0	—	8.8	12	11	19		94	0
El Dab'aa	340	2	7	01	1	2	Cu	8.7	13	11	20		88	0
Alexandria	00	0	35	02	2	7	Sc,Ac,As	8.4	17	13	20	+1	77	0
Alexandria (A)	130	4	12	01	2	6	Sc,Ac	7.9	16	14	20	+1	88	dr.
Damietta	340	2	3	50	5	8	Cb,Sc	9.3	17	15	18	-1	88	0.3
Port Sa'îd (A)	20	5	10	02	6	8	Ac,As	9.2	17	15	19	+1	88	0.3
El 'Arish														
Damanhûr	360	5	3	03	5	8	Sc	8.8	17	13	20	0	77	dr.
Manşûra	40	2	1.5	02	5	8	Cu,Sc	9.3	17	13	19	-1	77	dr.
Ţanta	00	0	35	03	2	8	Cu	9.4	16	14	18	-3	88	dr.
Shebîn el Kôm	320	2	15	01	6	6	Cb	9.8	14	12	19		88	1
Zagazig	00	0	15	01	2	4	Cu	9.5	17	13	20	0	77	3
Ismâ'ilîa	40	4	35	03	6	8	As	8.2	18	15	20		83	1
Cairo (A)	160	4	12	50	5	8	Ns	11.0	17	12	24		72	dr.
Cairo Almâza (A)	110	5	8	50	5	8	Ns,As	10.0	16	13	21	+1	82	dr.
Cairo Ezbekîya	00	0	6	02	5	8	Ns,Ac,As	11.0	16	13	21	+1	82	dr.
Giza	00	0	6	02	5	8	Ns,Ac,As	10.3	17	13	19	0	77	dr.
Helwân	00	0	15	02	2	8	Ns,As	10.7	19	9	23	+4	52	0.3
Fayoûm	00	0	35	02	5	8	Ns	8.3	18	13	20	-1	73	dr.
Minya (A)	300	2	8	02	2	8	Ac,As	8.1	18	15	22	+2	83	0
Asyout (A)	140	4	8	02	2	7	Ac,As	8.3	25	15	28	+7	54	0
Nag Hamâdi	00	0	7	00	0	0	—	10.0	22	15	29	+7	65	0
Qena	00	0	7	00	0	0	—	1.6	19	16	31	+8	83	0
Luxor (A)	60	7	12	00	0	0	—	9.4	23	15	32		61	0
Aswân	00	0	50	00	0	0	—	9.5	28	15	33	+9	45	0
Sîwa														
Baharîya	180	1	15	02	2	8	Ac	9.8	17	9	21	+1	60	dr
Farafra	00	0	35	02	2	8	Cu,Sc	11.9	14	10	18		77	dr.
Dakhla	270	9						9.6	23	8?	30	+8	38	0
Kharga	00	0	15	02	1	2	Ac	8.7	21	16	31	+8	74	0
Suez	180	5	15	01	6	6	Cb	9.6	20	15	23	+2	73	Rain
Tôr	140	2	35	03	2	6	Ac	10.8	21	7	26	+5	41	0
Hurghâda	160	6	12	01	1	3	Ac	11.7	21	17	27	+6	78	0
Quseir	360	1				0	—	13.1	23	22	25	+2	94	0

At 0600 on THURSDAY 31st DECEMBER, 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	Minimum Diff. from normal	Relative Humidity %	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
Mediterranean	62300	Salloûm	220	13	15	00	0	0	—	7.0	-10.6	11	1	10	0	51	0	196	
	303	Sîdi Barrâni	200	8	14	02	0	0	—	7.6		10	3	7		62	0	93	
	306	Matrûh (A)	220	11	14	03	1	5	Sc	9.1	-9.5	10	6	8		76	0	65	
	309	El Dab'aa	250	5	15	02	1	4	Cu	9.7		10	8	9		88	0	88	
	319	Alexandria	230	11	35	01	2	3	Cu	9.3	-9.6	17	11	16	+5	68	0	90	96
	318	Alexandria (A)	280	4	12	02	1	5	Cu	9.1	-8.9	15	12	14	+4	82	dr.	97	69
	330	Damietta	200	5	3	02	6	8	Cu,Sc	9.3	-8.7	15	13	14	+5	88	1	181	39
	333	Port Sa'îd (A)	260	15	8	02	~~2~~	8	Ac,As	9.3	-8.7	16	14	16	+4	88	1	76	
	336	El 'Arish	170	5	18	21	6	8	Cu,Sc	8.6	-10.0	20	12	13		60	1	91	
Lower Egypt	339	Damanhûr	230	9	7	02	5	1	Cu	9.3	-9.3	14	12	13	+5	88	dr.	35	36
	342	Manşûra	220	2	7	50	5	8	Ns	9.9	-8.7	15	13	14	+6	88	2	34	15
	346	Ţanta	220	1	35	03	6	8	Ns	10.2	-8.9	15	13	14	+7	88	1	25	13
	360	Shebîn el Kôm	220	2	15	01	6	6	Cb	10.0		15	13	13		88	3	RAIN	
	354	Zagazig	00	0	15	61	6	8	Cu	9.9	-9.3	15	13	14	+7	88	3	13	9
	441	Ismâ'ilîa	270	3	35	02	6	8	As	9.9		17	13	16		77	2	29	
Cairo Area	366	Cairo (A)	250	10	10	60	6	8	Ns,As	11.1		15	14	15		94	1	13	
	372	Cairo Almâza (A)	200	12	12	20	5	8	Ns,As	10.4	-8.6	15	14	15	+6	94	1	8	
		Cairo Ezbekîya	00	0	6	61	6	8	Ns,Ac,As	1 .4	– .0	16	11	15	+7	72	2	9	8
		Giza	00	0	6	61	6	8	Ns,Ac,As	12.0	-7.5	15	13	14	+8	88	2	7	9
	378	Helwân	180	2	7	50	6	8	Ns,As	11.5	-8.1	15	11	15	+6	77	1	6	8
Upper Egypt	381	Fayoûm	00	0	35	02	2	8	Ns	11.4	-8.0	15	13	14	+7	88	3	7	2
	387	Minya (A)	340	8	8	02	6	8	Ac,As	11.8	-8.3	15	14	15	+10	94	1	1	
	393	Asyout (A)	270	6	12	02	2	7	Ac,As	12.2	-8.0	18	10	17	+10	60	0	0	
	389	Nag Hamâdi	00	0	3	03	0	7	Cu,Ac	10.7	-9.0	19	16	16	+10	83	0	0	
	402	Qena	00	0	35	03	1	6	Ci	11.2	-7.8	22	17	16	+9	74	0	0	
	405	Luxor (A)	00	0	30	03	1	6	Ac,Cs	10.3	-8.9	18	15	16		83	0	0	
	414	Aswân	00	0	50	01	1	2	Ac	10.4	-8.6	21	16	17	+6	74	0	0	
Oases	417	Sîwa	00	0	18	03	0	1	Ci	11.2	-9.5	10	6	9	+5	76	0	2	4
	420	Baharîya	270	1	35	02	2	7	Ac	13.3	-6.9	13	9	13	+8	77	dr	0.5	4
	423	Farafra	00	0	35	02	2	8	Sc,Ac	14.4		14	5	13		55	dr.	dr.	
	432	Dakhla	320	11	15	02	2	8	Ac,Ci	13.1	-7.5	17	1	14	+9	34	0	0	
	435	Kharga	320	1	15	02	2	4	Ac	9.3	-10.0	19	7	17	+10	46	0	0	
Red Sea	450	Suez	180	3	35	00	6	7	Cb	9.8	-9.0	18	10	17	+7	60	2	28	8
	459	Tôr	140	9	35	03	2	8	Sc	10.8	-7.2	22	20	17	+8	89	0	Rain	6
	462	Hurghâda	130	10	15	02	2	6	Sc	10.9	-6.5	22	19	20	+9	83	0	0	
	465	Quseir	160	1	15	02	0	7	Sc	12.0	-5.6	21	19	21	+6	88	0	0	4
	641	Port Sûdân																	
North Sudan	600	Wâdi Halfa																	
	640	Abu Hamad																	
	660	Kareima																	
	680	Atbara																	
	721	Khartoûm																	
	780	Kassala																	
Central Sudan	751	Wâd Medani																	
	801	Renk																	
	802	Roseires																	
	771	El Obeid																	
	780	El Fasher																	
	770	Geneina																	
S. Sûdân	840	Malakâl																	
	880	Wâu																	
	941	Juba																	

RETARDS — DATE

* 8 = Sky obscured by fog etc.

(A) AERODROME