QC 991 .E3 D3 1951 (Jan-June)

EGYPTIAN GOVERNMENT, — METEOROLOGICAL DEPARTMENT — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 1st January, 1951

Time of Sunrise 04 51 G.M.T.
" " Sunset 15 06 G.M.T.

At 1200 on Sunday 31st / At 1800 on Sunday 31st

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in Knots	1200 Visibility in Kilometres	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Wind Velocity in Knots	1800 Visibility in Kilometres	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	Rain past 12 hrs mms
Mediterranean	62300	SALÛM	180	9	15	03	1	3	ci	14.3	22	21	-1	180	9	15	02	1	3	ci	13.5	17	26	-3	0
	303	SÎDI BARÂNI	180	3	18	03	0	1	ci	15.1	21	20	-3	140	5	14	02	0	0	—	14.5	14	32	-3	0
	306	MATRÛH	240	6	15	02	0	1	ci	16.4	22	17	-4	130	7	10	02	0	0	—	16.4	12	33	-4	0
	309	EL DABA																							
		ALEXANDRIA	270	10	50	00	0	0	—	17.8	19	46	7	130	7	10	02	0	0	—	18.2	16	42	3	0
	318	FOUAD (Airport)	270	7	18	02	0	0	—	17.8	21	33	4	00	0	12	02	0	0	—	18.4	10	76	6	0
	330	DAMIETTA	220	2	35	02	0	0	—	17.5	20	41	6	220	2	7	02	0	0	—	18.8	12	77	8	0
	333	PORT SAÏD	240	3	15	02	0	0	—	17.3	19	64	12	220	4	14	02	0	0	—	18.3	14	77	10	0
	336	EL 'ARISH																							
Lower Egypt	339	DAMANHUR	270	5	15	02	0	0	—	18.8	23	24	1	270	5		02	0	0	—	19.1	12	77	8	0
	342	MANSURA	270	5	35	00	0	0	—	18.7	21	26	1	240	5		00	0	0	—	19.7	12	55	3	0
	348	TANTA	70	2	35	02	0	2	—	19.6	20	33	3	270	2	35	02	0	0	—	19.2	13	67	7	0
	354	ZAGAZIG	320	2	50	02	0	0	—	19.1	20	46	8	00	0	35	02	0	0	—	19.2	16	59	8	0
	441	ISMAILIA	290	2	35	02	0	0	—	19.0	22	29	3	360	4	35	02	0	0	—	19.4	14	42	1	0
Cairo Area	366	FAROUK (Airport)	260	10	10	00	0	0	—	19.0	20	41	6	90	12	12	00	0	0	—	19.2	15	55	6	0
	372	ALMAZA	270	7	15	00	0	0	—	18.3	20	24	-1	180	9	12	00	0	0	—	18.8	15	77	11	0
		EZBEKIYA	00	0	18	00	0	0	—	18.4	21	25	0	00	0	12	00	0	0	—	18.6	12	51	2	0
		GÎZA	00	0	18	00	0	0	—	18.2	23	18	-3	00	0	12	00	0	0	—	18.7	10	62	3	0
	378	HELWÂN	00	0	50	02	0	0	—	18.8	20	24	-1	00	0	7	02	0	0	—	19.4	14	36	-1	0
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	19.9?	20	33	3	00	0	35	02	0	0	—	19.6	11	77	7	0
	387	MINYA	10	5	10	00	0	0	—		22	25	1	350	2	8	00	0	0	—	17.9	11	51	1	0
	393	ASYÛT MANQABÂD	320	2	10	00	0	0	—	17.4	22	31	4	00	0	8	00	0	0	—	17.4	16	34	0	0
	399	NAG' HAMMÂDI	360	2	7	00	0	0	—	17.6	22	38	7	00	0	3	00	0	0	—	17.8	12	55	3	0
	402	QENA	290	2	50	01	1	0	—	17.1	21	41	7	320	2	7	00	0	0	—	17.8	15	59	7	0
	405	LUXOR	10	3	30	00	0	0	—	16.8	22	25	1	00	0	12	00	0	0	—	17.1	14	45	2	0
	414	ASWÂN	330	3	50	00	0	0	—	15.2	25	19	0	00	0	50	00	0	0	—	15.6	20	33	3	0
Oases	417	SÎWA	90	4	12	00	0	0	—	17.4	20	28	1	100	5	10	11	0	1	ci	16.7	15	45	3	0
	420	BAHARÎYA												00	0	15	02	0	0	—	18.3	12	63	5	0
	423	FARAFRA	130	8	35	02	0	0	—	17.0	23	24	1	90	4	15	02	0	0	—	18.4	13	34	-3	0
	432	DAKHLA	140	8	50	00	0	0	—	10.7	23	18	-3	320	6	50	00	0	0	—	19.1	17	26	-3	0
	435	KHARGA	40	1	35	00	0	0	—	16.6	24	21	0	00	0	15	00	0	0	—	19.0	18	20	-5	0
Red Sea	450	SUEZ	100	4	50	01	0	0	—	17.9	21	41	7	00	0	35	02	0	0	—	18.8	14	36	-1	0
	459	TÔR	310	15	50	00	0	0	—	16.8	22	50	11	40	2	35	00	0	0	—	17.6	16	77	12	0
	467	HURGHADA	330	3	30	00	0	0	—	16.4	22	47	10	240	5	10	00	0	0	—	17.3	19	56	10	0
	465	QUSEIR	360	9	15	02	1	2	ci	16.6	23	65	16	330	9	15	01	1	0	—	17.8	20	64	13	0
	641	PORT SÛDÂN	10	15	14	15	8	7	sc	13.4	27	70	21	350	8	30	02	2	7	sc	14.8	25	84	22	dr.
	[illegible]	WÂDI HALFA	360	12	30	02	0	0	—	14.0	25	14	-5	10	2	30	02	0	0	—	14.8	19	32	2	0
	640	ABU HAMAD	60	4	30	02	0	0	—		32	28	11	350	6	30	02	0	0	—		25	30	6	0
	660	KAREIMA	70		30	02	0	0	—	10.2	32	29	12												
	[illegible]	ATBARA	70	9	30	02	0	0	—	8.7	33	24	10												
	[illegible]	KHARTUM	20	11	35	02	0	0	—	7.5	34	15	4												
	[illegible]	KASSALA	20	9	30	02	0	0	—		33	38	17												
	[illegible]	WAD MEDANI	50	9	35	02	0	0	—	5.4	35	22	10												
	801	RENK																							
	802	ROSEIRES	230	5	35	02	2	7	ci	4.6	37	17	8												
	[illegible]	EL OBEID	50	14	30	02	0	0	—	6.7	33	19	6												
	[illegible]	EL FASHER	110	3	30	02	0	0	—		33	14	2												
	[illegible]	GENEINA	360	2	30	01	0	1	ci		33	8	-5												
	840	MALAKAL	50	8	30	03	2	6	cs	5.1	36	10	0	360	5	30	01	2	3	ci	7.5	28	33	10	0
	[illegible]	WAU	70	7	30	02	0	2	cs	5.1	37	16	7	360	1	30	00	0	0	—	6.9	29	29	9	0
	[illegible]	JUBA	70	2	30	01	2	6	cu,cs	2.7	38	25	15												

At 0600 on Monday 1st January, 1951

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st	Station
200	24	15	03	2	6	as,ci	9.1		14	23		13		27	-5	0	84		SALUM
170	17	10	00	0	7	ac	10.1		14			12		18	-10	0	77		SÎDI BARÂNI
120	13	15	02	2	7	cs	13.7	-4.9	12	23		10		21	-10	0	38		MATRÛH
																			EL DABA
130	9	50	03	2	7	cs	15.8	-3.2	12	21	+2	10	-1	44	0	0	18	97	ALEXANDRIA
110	3	18	03	1	5	ci	18.3		10	21		8		62	0	0	14	70	FOUAD (Airport)
140	2	3	03	2	7	sc	17.4	-0.6	14	20		8		77	10	0	45	40	DAMIETTA
140	10	10	03	0	6	ac,ci	16.8	-0.9	16	20		10		68	10	0	2		PORT SAÏD
220	2	35	03	1	6	ac	17.5	-1.1	13			6	-2	44	1	0	Rain	34	EL 'ARISH
130	9	7	02	1	3	ci	16.8	-1.8	10	24	+4	8	0	62	3	0	2	37	DAMANHÛR
90	5	35	03	2	5	sc,cu	17.4	-1.2	9	21	+1	7	-1	62	2	0	dr	16	MANSÛRA
130	5	35	03	2	7	ac	17.9	-1.2	9	22	+2	6	-1	62	2	0	3	14	TANTA
40	4	35	03	1	4	ci	16.4	-2.8	9	21	+1	7	0	62	2	0	1	10	ZAGAZIG
90	2	35	03	2	8	ac	15.6		10	23		9		50	0	0	1		ISMAÎLIA
00	0	18	03	1	4	sc			12	21		9		55	3	0	0		FAROUK (Airport)
160	2	14	03	1	6	cs	16.3	-3.1	13			9		41	0	0	0		ALMÂZA
00	0	12	00	0	7	cs	16.3	-3.1	11	23	+3	8	0	54	2	0	dr	9	EZBEKÎYA
00	0	12	00	0	7	cs	16.6	-2.9	9	24	+5	4	-2	71	4	0	dr	10	GÎZA
00	0	7	03	2	7	ci	16.4	-3.2	13	22	+3	12	+3	34	-3	0	dr	9	HELWÂN
00	0	15	03	1	7	as	17.4	-2.0	9	22	+1	5	-2	62	2	0	0	3	FAIYÛM
00	0	8	00	0	0	—	17.6	-2.2	6	22		2		76	2	0	0		MINYA
00	0	6	01	0	0	—	16.9	-3.3	12	22		6		59	4	0	0		ASYÛT MANQABÂD
										22									NAG' HAMMÂDI
40	2	15	00	0	0	—	17.5?	-1.5	11	21	-2	4	-3	54	2	0	0		QENA
00	0	30	00	0	0	—	16.3	-2.9	8	24		5		46	-3	0	0		LUXOR
00	0	50	00	0	0	—	16.6	-2.4	15	26	+2	10	-1	63	8	0	0		ASWÂN
100	4	10	03	9?	5	ac	13.8	-6.9	7	22	+2	6	+2	49	-3	0	0	5	SÎWA
00	0	35	02	1	4	—	16.6	-3.6	8			3	-2	46	-3	0	0	4	BAHARÎYA
130	2	35	02	1	2	ci	16.4		7	23		0		53	-2	0	dr		FARAFRA
00	0	35	01	0	0	—	15.7	-4.9	8	25	+3	3	-2	46	-3	0	0		DAKHLA
00	0	15	00	0	0	—	16.6	-2.8	12	24	+1	6	-1	44	0	0	0		KHARGA
00	0	50	00	0	0	—	16.8	-2.0	9	24	+4	7	-3	71	4	0	0	9	SUEZ
40	14	35	00	0	0	—	17.2	-0.8	9	24	+3	7	-2	88	7	0	4	7	TÔR
210	5	30	00	0	0	—	15.7	-2.2	14	22		8		34	-2	0	0		HURGHADA
270	9	15	02	0	0	—	16.4	-1.2	18	25	+2	16	+1	60	10	0	0	4	QUSEIR
70	4	30	02	0	0	—	14.0		20	29		16		64	13	0	Rain	84	PORT SÛDÂN
										27									WÂDI HALFA
70	4	30	02	0	0	—			20	32				64	13	0			ABU HAMAD
20	2	30	02	0	0	—	14.7		21	32		18		47	9	0	dr	1	KAREIMA
20	5	30	02	0	0	—	13.5		21	34		17		65	14	0	0.3	2	'ATBARA
360	2	30	02	0	0	—	11.9		20	35		19		49	9	0	dr.	4	KHARTÛM
180	1	30	02	0	0	—	10.6		23	34				77	19	0	dr	8	KASSALA
50	9	35	02	c	0	—	11.4		21	36				61	13	0	46	12	WÂD MEDANI
																		49	RENK
130	2	35	02	2	7	ci	10.6		22	38		18		53	12	0	0	36	ROSEIRES
20	8	30	02	0	0	—				34		16			6	0	6	16	EL OBEID
00	0	30	03	0	1	ci			16	34		12		36	1	0	6	6	EL FÂSHER
																		4	GENEINA
										37								88	MALAKÂL
										37								143	WÂU
00	0	30	01	0	0	—	8.0		28	38		21		49	16	0	191	144	JUBA

Humidity — Mean of day

Station	31st	Dew pt.
Alexandria	25	-41
Farouk	39	-30
Giza	53	-21
Helwan	23	-35

GÎZA — Grass Minimum Temp. on 1st Jan. 0.0

Rectif.
Please read Matruh minimum published on 30.12.50 as 7 instead of 2.

UPPER AIR OBSERVATIONS

Aeroplane Ascent: On ... At ... (no entries)

RAWINSONDE — Farouk Airport, On 31st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	163	18	26	330	7
950					
900					
850	1530	9	34	270	9
800					
700	3110	0		270	20
600					
500	5713	-18		270	43
400	7350	-29		270	56
300					

Remarks

UPPER WIND OBSERVATIONS on 31st

Height m.	Asyut (14) Dir.	Asyut Vel.	Minya (14) Dir.	Minya Vel.	Hurghada (14) Dir.	Hurghada Vel.	Port Said (14) Dir.	Port Said Vel.	El Arish (15) Dir.	El Arish Vel.	S. Barani (14) Dir.	S. Barani Vel.	Siwa (14) Dir.	Siwa Vel.	Dakhla (14) Dir.	Dakhla Vel.
300	310	10	20	7	340	10	250	8	240	9	180	5	140	17	70	3
600	20	10	300	10	320	10	280	11	210	8	170	10	140	18	50	3
1000	60	13	30	11	330	10	280	16	190		180	10	140	26	120	7
1500	100	9			340	7	280	7	160	13	220	11	160	30		
2000	250	7			280	12	280	16	170	2	220	14	180	31		
3000	260	19					280	22	140	4			170	22		
4000	250	24					270						200	23		

UPPER WIND OBSERVATIONS on 1st

Height m.	Port Saïd (4) Dir.	Port Saïd Vel.	El Arîsh (6) Dir.	El Arîsh Vel.	Minya (2) Dir.	Minya Vel.
300	100	17	180	7	160	15
600	150	7	140	3	180	16
1000	200	9	140	6	180	17
1500	170	9	130	8	190	17
2000			50	2		

(Stations without entries: Sidi Barâni, Matrûh, Fouad Airport, Helwân, Asyût Manqabâd, Luxor, Aswân, Hurghada, Sîwa, Baharîya, Dakhla, Kharga, Wâdi Halfa, Abu Hamad, Kareima, Khartûm, Kassala, El Obeid, El Fâsher, Malakâl.)

Remarks: 1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.85 Kilometres = 1.15 miles).
3. Present weather, Past weather, Form and amount of cloud ... explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

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National Oceanic and Atmospheric Administration

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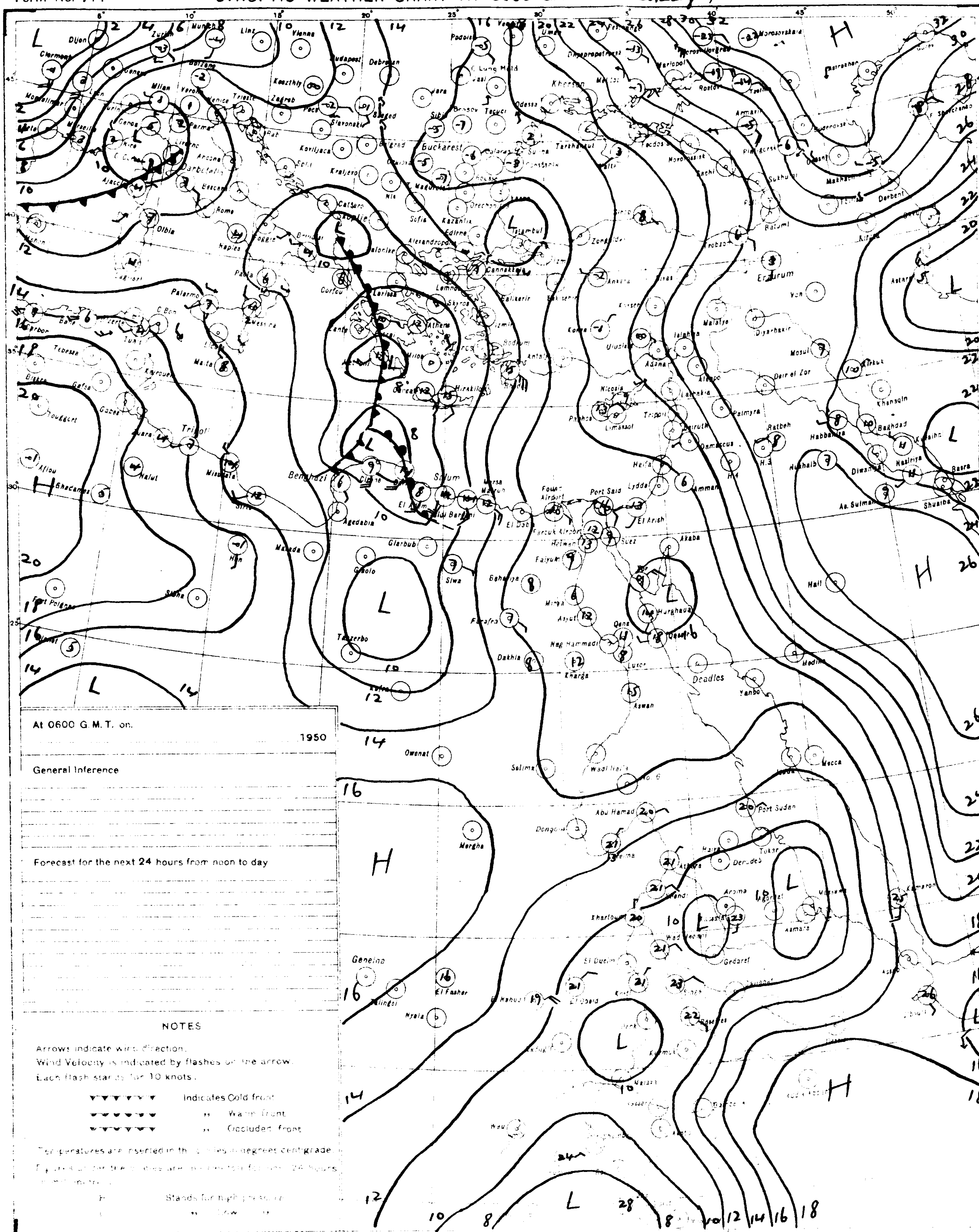
September 14, 1999

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 1-1-* 1950



At 0600 G. M. T. on. 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

H Stands for high pressure
L ,, Low ,,

SCALE

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 th ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	6
7/8 ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Sunset 15 07 G.M.T.

Date: Tuesday 2nd January, 1950

At 1200 on Monday 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	220	9	35	02	2	6	ac cs	7.0	19		
	303	SÎDI BARÂNI	300	7	12	03	1	5	ci	7.1	19	21	-4
	306	MATRŪH	190	13	10	02	2	6	ci	8.3	22		
	309	EL DABA	160	7	35	02	1	6	sc	9.6	24	38	9
		ALEXANDRIA	130	10	35	02	2	6	cs	10.3	21	20	-3
	318	FOUAD (Airport)	160	7	18	03	2	7	ac cc	10.2	21	26	1
	330	DAMIETTA	160	2	7	01	2	5	sc	11.8	19	52	9
	333	PORT SA'ÎD	110	11	14	01	2	5	ci	11.8	20	56	11
	336	EL 'ARISH	140	2	35	02	0	6	sc	12.8	23	32	5
Lower Egypt	339	DAMANHUR	130	9	15	03	1	6	as	11.2	20	41	6
	342	MANSURA	90	5	35	03	2	6	sc cu	11.8	22	36	6
	348	TANTA	180	8	35	03	2	7	cu sc	12.4	22		
	354	ZAGAZIG	220	1	35	03	1	4	ac	12.7	22	44	9
	441	ISMA'ILIA	160	2	35	02	2	7	ac	11.9	24	47	12
Cairo Area	366	FAROUK (Airport)	200	15	14	02	2	6	ac cs	11.6	25	45	12
	372	ALMAZA	220	16	14	02	1	5	cs	11.0	24	36	8
		EZBEKIYA	00	0	18	00	0	8	ci	11.0	24	26	3
		GIZA	00	0	18	00	0	8	ci	11.8	23	32	5
	378	HELWÂN	180	8	7	02	0	7	ci	11.0	23	24	1
Upper Egypt	381	FAIYŪM	00	0	35	02	2	7	as	12.6	22	36	6
	387	MINYA	180	8	10	01	1	1	ci	11.8	23	32	5
	393	ASYŪT MANQABÂD	100	6	12	00	0	0	—	12.1	24	38	9
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—	12.6	25	47	13
	402	QENA	180	1	50	00	0	0	—	11.9	23	38	8
	405	LUXOR	00	0	30	00	0	0	—	11.8	25	28	5
	414	ASWÂN	00	0	50	00	0	0	—	12.5	29	22	5
Oases	417	SÎWA	260	6	12	03	2	7	ac ci	10.6	21	20	-3
	420	BAHARÎYA	270	4	35	02	1	4	ac	11.1	25	17	-2
	423	FARAFRA	220	7	35	02	1	0	—	10.7	26	25	4
	432	DAKHLA	90	2	50	00	0	0	—	11.6	25	16	-3
	435	KHARGA	00	0	35	00	0	0	—	11.5	26	25	4
Red Sea	450	SUEZ	290	4	50	03	0	5	cu	12.0	20	56	11
	459	TÔR	310	4	50	00	0	0	—	13.4	23	50	12
	462	HURGHADA	330	1	30	01	1	1	ci	11.4	22	53	12
	465	QUSEIR	20	9	15	02	0	0	—	10.8	24	69	18
	641	PORT SUDÂN	30	8	30	02	2	5	cu sc	11.7	27	70	21
North Sudan	600	WÂDI HALFA	290	5	30	02	5	0	—	9.5	30	25	8
	640	ABU HAMAD	50	5	30	02	0	0	—		31	26	9
	660	KAREIMA	70	2	30	02	0	0	—	8.4	33	23	9
	680	'ATBARA	20	13	4	07	0	0	—	7.0	33	12	0
	721	KHARTŪM	40	14	30	02	0	0	—	6.4	34	16	5
	730	KASSALA	360	9	30	02	0	0	—	4.9	34	12	12
Central Sudan	751	WÂD MEDANI	360	13	35	02	0	0	—	5.8	35	13	3
	801	RENK											
	802	ROSEIRES	150	5	35	02	2	7	ci	4.0	37	24	13
	771	EL OBEID	60	14	30	02	0	0	—	6.3	32	18	5
	760	EL FÂSHER	30	5	30	02	0	0	—		33	15	3
	770	GENEINA											
S. Sudan	840	MALAKÂL	20	12	30	02	2	1	ci	3.5	36	17	7
	880	WÂU	90	9	30	03	0	1	ac	3.0	37	18	8
	941	JUBA	90	2	30	02	0	0	—	5.2	35	35	17

At 1800 on Monday 1st

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALŪM	320	9	15	01	1	2	ci	9.1	16	59	8	0
SÎDI BARÂNI	290	7	14	01	1	1	ci	9.1	16	59	8	0
MATRŪH	190	11	10	01	0	2	sc cu	9.3	13	41	0.7	0
EL DABA	00	0	7	00	0	0	—	10.2	12	88	10	0
ALEXANDRIA	130	6	35	03	2	6	ci	9.3	19	56	10	0
FOUAD (Airport)	140	2	12	03	2	8	as	9.3	15	68	9	0
DAMIETTA	160	2	7	02	2	4	sc cu	11.2	16	77	12	0
PORT SA'ÎD	140	6	14	01	2	3	ci	11.6	17	64	10	0
EL 'ARISH	220	2	15	02	0	6	sc	11.9	16	59	8	0
DAMANHUR	130	9	7	02	1	6	as	11.1	16	49	5	0
MANSURA	40	5		00	1	0	—	11.2	15	68	9	0
TANTA	40	20	35	02	1	0	—	11.6	12	77	8	0
ZAGAZIG	40	2	35	02	1	0	—	11.4	15	63	8	0
ISMA'ILIA	110	2	35	01	1	4	ac	10.6	16	68	10	0
FAROUK (Airport)	150	12	12	00	1	6	—	11.5	18	56	8	0
ALMAZA	180	10	12	02	2	6	ci	11.2	18	37	3	0
EZBEKIYA	00	0	12	00	0	0	—	11.0	15	55	6	0
GIZA	00	0	12	00	0	0	—	12.0	15	59	7	0
HELWÂN	140	5	7	02	0	8	ci	10.7	20	26	0	0
FAIYŪM	00	0	35	01	2	4	ac	11.8	16	45	4	0
MINYA	140	2	8	02	1	3	ci	11.8	12	59	4	0
ASYŪT MANQABÂD	90	2	8	00	0	0	—	12.5	17	56	8	0
NAG' HAMMÂDI												
QENA	270	2	7	00	0	0	—	11.9	17	42	4	0
LUXOR	00	0	12	00	0	0	—	11.7	16	34	0	0
ASWÂN	00	0	50	00	0	0	—	12.2	24	32	6	0
SÎWA	270	9	10	00	0	0	—	11.5	12	38	-2	0
BAHARÎYA	180	3	15	01	1	3	ac	12.2	14	27	-5	0
FARAFRA	160	3	15	02	2	5	ci	11.4	17	26	-3	0
DAKHLA	00	0	35	00	0	0	—	13.5	18	37	3	0
KHARGA												
SUEZ	00	0	35	01	0	0	—	11.4	17	52	7	0
TÔR	130	3	35	00	0	0	—	11.9	16	68	10	0
HURGHADA	190	3	10	00	0	0	—	11.4	17	72	12	0
QUSEIR	20	9	15	02	0	0	—	12.8	22	65	15	0
PORT SUDÂN	50	1	30	21	6	6	sc	11.7	25	47	13	0.4
WÂDI HALFA												
ABU HAMAD												
KAREIMA	50	2	30	02	0	0	—	9.3	24	32	6	0
'ATBARA	360	2	30	02	0	0	—	8.5	24	34	7	0
KHARTŪM	30	5	30	02	0	0	—	7.2	26	32	8	0
KASSALA	40	10	30	02	0	0	—	7.7	23	53	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	4	30	02	0	0	—	7.7	26	27	5	0
EL FÂSHER	50	4	30	03	0	1	ci		22	31	4	0
GENEINA	40	3	30	01	1	4	ci		23	20	-1	0
MALAKÂL	10	4	30	02	0	0	—	5.3	29	31	10	0
WÂU												
JUBA	00	0	30	01	1	0	—	3.3	29	49	17	0

At 0600 on Tuesday 2nd January

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	270	9	15	01	1	3	ac cs	13.0		12	22		10		77	8	0	84	
SÎDI BARÂNI	300	11	12	00	0	2	cu ci	12.1		15	22		13		63	8	0	77	
MATRŪH	160	9	14	03	2	7	cu ac	12.3	-6.3	14	23		10		67	8	0	38	
EL DABA	270	4	15	02	1	4	sc	10.6		14	24		8		63	7	0	32	
ALEXANDRIA	310	16	50	03	2	6	sc cu	10.7	-8.3	17	22	+3	11	0	68	11	0	18	99
FOUAD (Airport)	290	9	18	02	1	5	ac	10.6		17	22		9		64	10	0	14	72
DAMIETTA	220	2	3	41	4	4	sc			14	20		7				0	45	41
PORT SA'ÎD	240	10	12	02	1	6	ac	11.3	-6.4	14	22		12		55	5	0	2	
EL 'ARISH	160	2	35	01	1	3	cu	11.5	-7.1	19	25	+6	12	+4	37	4	0	Rain	34
DAMANHUR	230	5		02	1		ac	11.5	-7.1	9	21	+1	8	0	62	2	0	2	37
MANSURA	220	5	35	01	1	2	ac	12.2	-6.4	8	23	+3	7	-1	71	3	0	dr.	16
TANTA	220	2	35	02	0	0	—	12.8	-6.3	10	23	+3	8	+1	67	4	0	3	14
ZAGAZIG	220	2	35	02	0	0	—	13.5	-5.7	11	24	+4	9	+2	63	4	0	1	10
ISMA'ILIA	200	2	35	01	0	0	—	12.0		12	25		10		63	5	0	1	
FAROUK (Airport)	160	21	18	00	0	0	—	12.3		14	25		12		59	6	0	0	
ALMAZA	180	12	12	00	0	0	—	12.0	-7.4	13	25		9		48	2	0	0	
EZBEKIYA	00	0	12	00	0	0	—	12.3	-7.1	12	25	+5	11	+3	55	3	0	dr.	9
GIZA	00	0	12	00	0	0	—	12.7	-6.9	12	25	+6	8	+2	55	3	0	dr.	10
HELWÂN	140	4	7	00	0	0	—	13.0	-6.6	14	23	+4	13	+4	39	0	0	dr.	9
FAIYŪM	00	0	35	02	0	0	—	13.9	-5.5	8	25	+4	6	-1	71	3	0	0	3
MINYA	160	3	8	00	1	0	—	14.0	-5.8	9	23		4		71	4	0	0	
ASYŪT MANQABÂD	00	0	8	01	0	1	ci	13.4	-6.8	12	27		9		59	4	0	dr.	
NAG' HAMMÂDI																			
QENA	180	2	15	00	0	0	—	13.9	-5.1	13	24	+1	8	+1	44	1	0	0	
LUXOR	00	0	30	00	1	0	—	13.0	-6.2	13	27		8		44	1	0	0	
ASWÂN	00	0	50	00	0	0	—	12.9	-6.1	18	30	+6	13	+2	52	8	0	0	
SÎWA	260	6	11	00	0	0	—	15.2	-5.5	7	23	+3	5	+1	81	4	0	0	5
BAHARÎYA	00	0	35	02	0	0	—	14.2	-6.0	10	26	+6	5	0	38	-4	0	0	4
FARAFRA	220	3	35	02	1	3	cc	15.1		10	27		5		50	0	0	dr.	
DAKHLA	270	7	50	00	0	0	—	14.6	-6.0	10	27	+5	8	+3			0	0	
KHARGA	00	0	15	00	0	0	—	13.3	-6.1	11			9	+2	63	4	0	0	
SUEZ	160	3	50	00	0	0	—	11.2	-7.7	17	22	+2	8	-2	68	11	0	0	4
TÔR	40	10	35	00	0	0	—	12.3	-5.7	13	26	+5	9	0	77	9	0	4	7
HURGHADA	230	7	30	01	2	5	cc	11.1	-6.8	17	23		12		52	7	0	0	
QUSEIR	330	9	15	00	0	2	ci	12.2	-5.4	18	27	+4	17	+2	83	15	0	0	4
PORT SUDÂN	00	0	30	31	6	7	sc	12.5		25	28		22		79	21	1	Rain	84
WÂDI HALFA	90	3	30	02	0	0	—	12.6		16	32		12		34	0	0	dr.	
ABU HAMAD	30	4	30	02	0	0	—			19	33		14		30	1	0		
KAREIMA	310	1	30	02	0	0	—	11.9		17	34		14		46	5	0	dr.	1
'ATBARA	50	5	30	02	0	0	—	11.6		21	34		15		57	12	0	0.3	2
KHARTŪM	10	6	30	02	0	0	—	10.9		20	35		17		38	5	0	dr.	4
KASSALA	00	0	30	02	0	0	—	9.0		22	35		15		64	17	0	dr.	8
WÂD MEDANI	50	9	35	02	0	0	—	10.0		20	36		16		56	11	0	46	12
RENK	140	5	35	02	2	7	ci	10.8		22	37		17		53	12	0		47
ROSEIRES																			36
EL OBEID	40	4	30	02	0	0	—	9.9		23	33		18		32	5	0	6	16
EL FÂSHER	00	0	30	02	0	0	—			15	33		13		45	3	0	6	6
GENEINA	70	4	30	02	0	0	—			15	34		11		34	-1	0		4
MALAKÂL	20	11	30	02	0	0	—	7.9		25	37		21		28	5	0	70	88
WÂU	20	5	30	02	0	0	—	7.8		23	38		20		53	13	0	144	143
JUBA	130	2	30	02	0	0	—	6.4		29	39		21		43	15	0	191	144

HUMIDITY %

Station	Mean of day	Diff. from normal
Alexandria	34	-32
Ezbekiya	48	-21
Giza	56	-18
Helwan	27	-31

GIZA GRASS MINIMUM TEMP. OF 2nd 2.0°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport — On 1st At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid %	Wind Dir.	Wind Vel.
1000	96	22		240	8
950					
900					
850	1479	13		220	24
800					
700	3074	3		220	37
600					
500	5706	-16		260	46
400	7346	-28		240	75
300	9355	-46		—	—

Airport — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Height m.	El Arish Dir.	El Arish Vel.	S. Barani Dir.	S. Barani Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14	
300	190	5	270	18	260	12	80	4	90	9	160	10	220	9	140	9
600	160	8	250	19	260	15	210	2	150	9	220	16	210	12	160	8
1000	230	4	250	16	270	21	240	10	200	14	230	20	200	12	200	9
1500	180	3	250	18	270	30	230	17	170	6	240	16	220	20	210	9
2000			240	23	270	20			200	3			210	25	210	16
3000					250	35							260	33	220	19
4000					260	42							260	31		
5000													270	37		
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 2nd

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time							2																	
300							260	10																
600							260	12																
1000							270	16																
1500							260	16																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

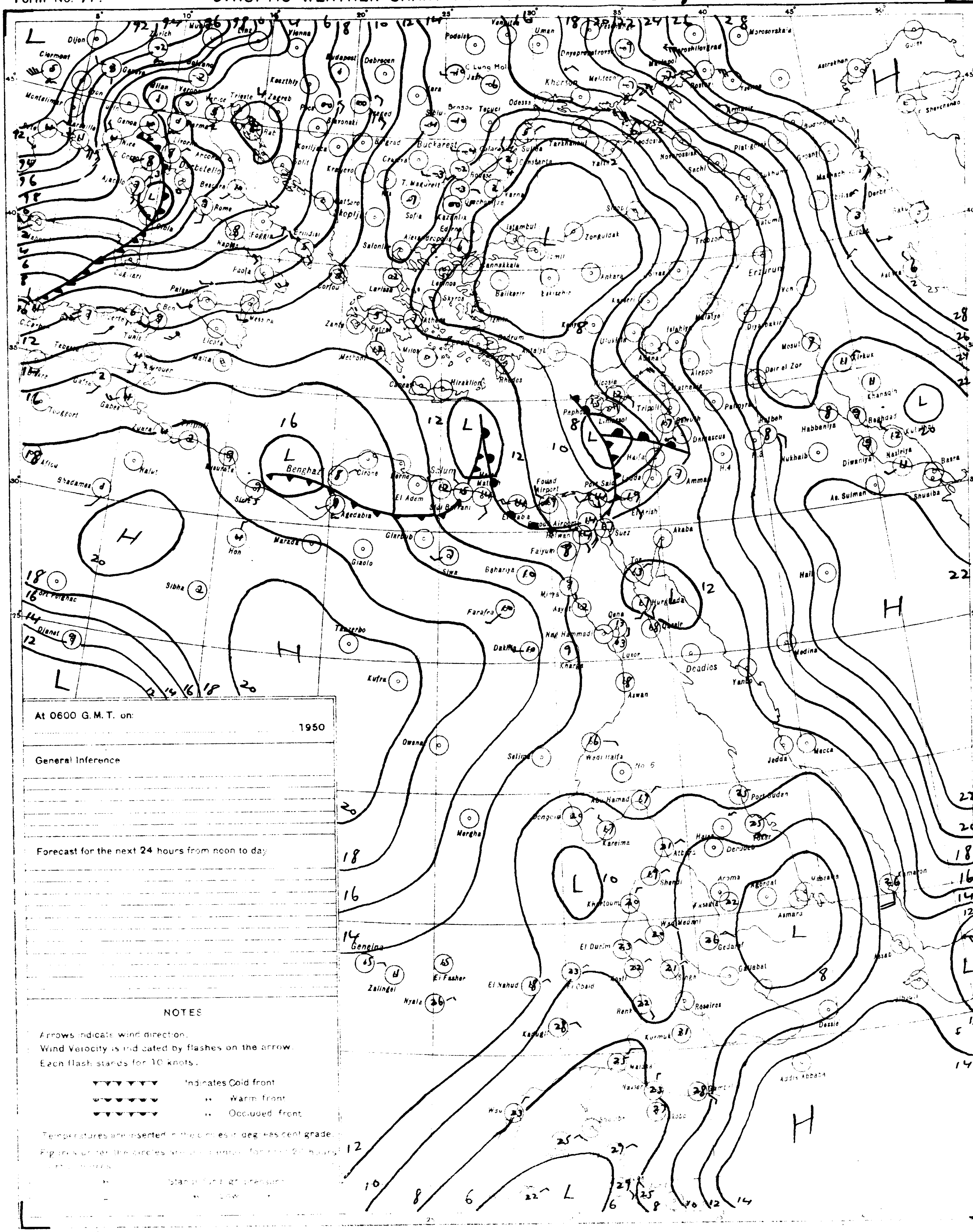
Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		3		4		4		4 30		5		4	
300									50	4														
600									80	5	50	6	80	11	50	17	60	10					30	27
1000									340	3	70	10	70	23	40	25	30	21	30	27	20	7	30	34
1500									250	7	100	13	70	17	20	23	40	15	60	27	90	12	50	13
2000									300	11			20	22	310	17			10	13	120	4		
3000									310	12			350	18	240	13	360	2	270	11	230	7	110	14
4000													320	17										
5000																								
6000													250	11										
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3- Present weather, Past weather, Form and amount of cloud are explained at the back of this report
4- All times are in G.M.T., two hours less than the Egyptian standard time.

WEATHER BUREAU

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday 2-1-1950*



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation.	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during the past hour	91
Hail		93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (V. less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	6
7/8 ,, ,, ,,	7
Sky completely covered	8

M.A.H.

METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

Time of Sunrise 04 51 G.M.T.
" " Sunset 15 07 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 3rd January, 1950

At 1200 on Tuesday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	303	SIDI BARÂNI	330	17	14	01	2	5	cu,ac	12.4	17		
	306	MATRÛH	320	14	15	03	2	7	cu,ac	11.9	18	46	6
	309	EL DABA	320	15	25	03	2	8	sc	10.7	18	52	8
		ALEXANDRIA	310	20	50	02	2	4	cu	10.2	18	52	8
	318	FOUAD (Airport)	280	10	12	01	1	3	cu,ci	10.6	20	53	10
	330	DAMIETTA	320	5	35	01	0	1	cu	10.6	19	64	12
	333	PORT SAÏD	300	9	14	02	0	0	—	10.2	19	64	12
	336	EL 'ARISH											
Nile Delta	339	DAMANHUR	330	9	15	03	1	5	cu	10.6	20	56	11
	342	MANSURA	320	5	35	01	0	2	ac	10.7	21	57	12
	348	TANTA	270	2	35	01	1	4	cu,sc	10.7	20	56	11
	354	ZAGAZIG	320	1	50	02	0	0	—	10.8	20	73	15
	360	ISMAILIA	270	5	35	02	0	0	—	10.8	22	57	13
Cairo	366	FAROUK (Airport)	260	10	14	00	0	0	—	11.4	20	64	13
	372	ALMAZA	290	10	18	00	0	0	—	10.9	21	41	7
		EZBEKIYA	320	6	18	00	0	1	ci	11.0	21	44	8
		GIZA	320	6	18	00	0	1	ci	11.6	23	38	8
	378	HELWÂN	00	0	15	02	0	0	—	11.4	20	33	3
Upper Egypt	381	FAIYUM	00	0	35	03	1	2	as	12.4	21	41	7
	387	MINYA	320	3	8	02	1	4	ac,ci	11.4	21	38	6
	393	ASYUT MANQABAD											
	399	NAG HAMMADI	00	0	15	00	0	7	ac	10.5	25	42	11
	402	QENA	270	1	50	03	1	4	sc,cu	9.9	24	38	9
	405	LUXOR	340	2	30	03	1	2	ac	9.1	26	25	4
	414	ASWÂN	220	2	50	00	0	0	—	9.1	29	14	-1
Oases	417	SIWA	280	10	12	03	1	3	cu,as	15.1	19	46	7
	420	BAHARIYA	360	3	35	02	1	4	ac	12.2	19	37	4
	423	FARAFRA	320	10	35	02	2	7	ac	13.2	19	46	7
	432	DAKHLA	230	7	50	01	1	3	ci	11.8	22	16	-5
	435	KHARGA	360	2	35	03	1	3	ci	10.4	25	11	-8
Red Sea	438	SUEZ	180	4	50	02	0	0	—	9.1	23	38	8
	452	TOR	220	7	50	00	0	0	—	9.9	25	61	17
	456	HURGHADA	40	2	30	01	1	2	cc	9.7	24	69	18
	465	QUSEIR	140	9	15	01	0	9	—	10.2	24	84	21
	467	PORT SUDAN	110	10	30	03	1	6	sc,cu	8.9	28	70	22
Sudan	469	WADI HALFA	140	5	30	02	0	0	—	7.5	31	19	5
	470	ABU HAMAD	90	3	30	02	0	0	—		32	18	5
	480	KAREIMA	50	3	30	02	0	0	—	6.7	33	20	7
	482	ATBARA	360	9	10	07	0	0	—	5.4	32	17	4
	[illegible]	KHARTUM	20	24	30	02	0	0	—	5.1	33	14	2
	[illegible]	KASSALA	50	5	30	03	0	0	—	2.5	36	29	15
	[illegible]	WAD MEDANI	50	9	35	02	0	0	—	3.9	34	19	7
	[illegible]	RENK	360	13	50	02	0	0	—	5.6	35	22	10
	[illegible]	ROSEIRES	00	0	35	02	0	0	—		37	17	8
	[illegible]	EL OBEID	360	10	10	07	0	0	—	3.5	35	19	8
	[illegible]	EL FASHER	90	2	30	02	0	0	—		33	20	7
	[illegible]	GENEINA	170	3	30	00	0	0	—		33	11	-1
	[illegible]	MALAKAL	50	7	30	03	2	7	ac,ci	2.2	37	10	0
	[illegible]	WAU	70	3	30	02	0	0	—	2.1	37	17	8
	[illegible]	JUBA	70	2	30	03	0	3	cu		38	25	15

At 1800 on Tuesday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	200	9	15	00	0	0	—	14.7	13	67	7	0
SIDI BARÂNI	330	6	10	01	1	2	cu	14.2	15	59	7	0
MATRÛH	320	9	14	00	0	0	—	14.6	15	48	4	0
EL DABA	320	9	7	02	2	5	sc,cu		15	59	7	0
ALEXANDRIA	310	11	35	01	0	2	cu	13.6	17	42	4	0
FOUAD (Airport)												
DAMIETTA												
PORT SAÏD	280	5	14	02	0	1	ci	11.6	15	82	12	0
EL 'ARISH	320	2	15	02	0	0	—	11.6	10	88	8	0
DAMANHUR	310	5	7	02	1	3	cu	14.0	13	88	11	0
MANSURA	20	5		00	1	3	—	13.4	15	72	10	0
TANTA	00	0	35	02	1	0	—	13.3	13	77	9	0
ZAGAZIG	00	0	35	02	0	0	—	13.8	14	88	12	0
ISMAILIA	290	2	35	01	0	0	—	13.1	15	77	11	0
FAROUK (Airport)	00	0	12	02	1	4	ac,ci	14.0	16	72	11	0
ALMAZA	140	1	12	03	1	5	sc	13.3	16	59	8	0
EZBEKIYA	00	0	12	00	0	7	ci	13.8	16	68	10	0
GIZA	00	0	12	00	0	7	ci	13.6	15	68	9	0
HELWÂN	00	0	15	02	1	3	ac	13.6	17	52	7	0
FAIYUM	00	0	35	02	1	2	as	14.4	14	67	8	0
MINYA	00	0	14	02	2	6	ac	13.9	13	48	2	0
ASYUT MANQABAD	00	0	14	01	2	5	ci	13.1	16	42	3	0
NAG HAMMADI	00	0	7	01	0	5	ac,ci	13.3	17	68	11	0
QENA	270	2	7	01	1	2	sc	12.0	20	56	11	0
LUXOR	00	0	30	01	2	2	sc,ac	10.9	20	41	6	0
ASWÂN	00	0	50	00	0	0	—	10.5	25	22	2	0
SIWA	290	9	12	00	0	0	—	15.9	14	52	4	0
BAHARIYA	00	0	15	01	1	1	ac	13.9	13	41	0	0
FARAFRA	360	7	15	02	2	8	ac	14.8	14	55	5	0
DAKHLA	340	11	50	01	1	2	—	13.1	16	24	-5	0
KHARGA	00	0	7	01	1	4	ci	12.4	19	83	16	0
SUEZ	360	3	35	02	0	0	—	14.0	16	59	8	0
TOR	40	9	35	00	0	0	—	11.5	19	64	12	0
HURGHADA	140	3	10	02	2	5	sc,cu	9.6	21	74	16	0
QUSEIR	140	9	15	00	1	2	ci		23	88	21	0
PORT SUDAN	00	0	30	03	1	3	sc	[illegible]	25	84	22	dr.
WADI HALFA												
ABU HAMAD	360	2	30	02	0	0	—		24	32	6	0
KAREIMA												
ATBARA												
KHARTUM												
KASSALA	50	8	30	02	0	0	—	7.1	22	50	11	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	80	2	30	02	0	0	—	6.3	24	26	3	0
EL FASHER												
GENEINA	00	0	30	02	0	1	ci		25	24	3	0
MALAKAL	360	4	30	01	2	5	ci	4.8	28	31	9	0
WAU												
JUBA	00	0	30	01	0	0	—	2.3	30	43	16	0

At 0600 on Wednesday 3rd January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	320	9	15	01	0	3	cu,ac	17.4		12	19		9		44	0	0	84	
SIDI BARÂNI	240	2	14	00	0	1	ac	18.2		10	18		8		67	4	0	77	
MATRÛH	210	6	12	01	0	3	cu,sc	18.1	-0.5	11	19		10		63	4	0	38	
EL DABA	00	0	15	03	2	6	sc	16.3		10	19		7		62	3	0	32	
ALEXANDRIA	130	3	35	03	6	7	ch	16.3	-2.7	15	20	+1	14	+3	77	11	1	19	101
FOUAD (Airport)	90	2	18	03	8	5	cu,sc	16.2		14			12		88	12	0.3	14	73
DAMIETTA	250	5		03	1	5	cu,ac	16.6	-1.4	11			8		88	9	0	45	42
PORT SAÏD	280	5	12	03	0	4	cu,ci	16.0	-1.7	14	20		12		77	10	0	2	
EL 'ARISH	220	5	35	02	1	2	cu	16.8	-1.8	17	22	+3	11	+3	94	16	0	Rain	35
DAMANHUR	270	5	7	02	1	2	cu	17.2	-1.4	11	21	+1	9	+1	88	9	0	2	38
MANSURA	270	5	35	02	2	3	ac	16.7	-1.9	10	22	+2	8	0	88	8	0	dr.	16
TANTA	00	0	35	01	1	1	cu,sc	16.6	-2.5	9	22	+2	7	0	88	7	0	3	14
ZAGAZIG	00	0	35	03	1	0	—	17.0	-2.1	10	24	+4	8	+1	88	8	0	1	10
ISMAILIA	160	2	35	01	0	0	—	16.8		11	23		9		88	9	0	1	
FAROUK (Airport)	160	3	14	03	0	1	ac	17.0		12	21		9		88	10	0	0	
ALMAZA	120	4	12	00	0	0	—	16.5	-2.9	11	21		10		77	7	0	0	
EZBEKIYA	00	0	12	00	0	0	—	16.4	-3.0	11	22	+2	10	+2	88	9	0	dr.	9
GIZA	00	0	12	00	0	0	—	16.8	-2.8	9	23	+4	6	0	95	9	0	dr.	10
HELWÂN	00	0	7	00	0	0	—	17.2	-2.4	12	21	+2	11	+2	77	8	0	dr.	9
FAIYUM	00	0	35	01	0	0	—	17.6	-1.8	10	22	+1	7	0	95	10	0	0	3
MINYA	350	8	8	02	1	1	ac	16.8	-3.0	9	22		8		82	6	0	0	
ASYUT MANQABAD	270	4	8	01	0	4	ac	16.1	-4.1	10	22		7		82	7	0	dr.	
NAG HAMMADI	00	0		03	2	6	sc,ac	15.4	-4.4	13	27		10		67	7	0	0.1	
QENA	270	2	7	03	1	7	ac	14.4	-4.6	15	25	+2	11	+4	48	4	0	0	
LUXOR											27								
ASWÂN											30	+6							
SIWA	00	0	10	03	1	2	ci	18.6	-2.1	6	19	-1	3	-1	87	4	0	0	5
BAHARIYA	360	2	35	02	0	0	—	17.4	-2.9	11	21	+1	4	-1	77	7	0	0	4
FARAFRA	20	4	35	02	2	6	—	17.4		11	20		6		51	1	0	dr.	
DAKHLA	00	0	50	01	1	8	ci	15.4	-5.2	13			11	+6	55	4	0	0	
KHARGA	00	0	7	02	2	7	cu,sc	14.4	-5.0	14	25	0	12	+5	66	-1	0	0	
SUEZ	360	5	50	00	0	0	—	16.7	-2.2	12	26	+6	10	0	88	10	0	0	9
TOR	40	5	35	00	0	0	—	13.9	-4.1	13	26	+5	12	+3	55	4	0	4	7
HURGHADA	240	10	30	03	0	6	ac,ci	13.8	-4.2	19	26		14		64	10	0	0	
QUSEIR	330	9	15	00	0	0	—	13.4	-4.2	20	27	+4	17	+3	64	13	0	0	4
PORT SUDAN	350	4	30	02	6	8	sc	16.9		25	28		23		77	21	1	Rain	84
WADI HALFA	290	2	30	02	0	0	—	12.3		15	33		13		32	-2	0	dr.	
ABU HAMAD	40	2	30	02	0	0	—			19	33		17		49	8	0		
KAREIMA	50	2	30	02	0	0	—	11.3		21	33		17		47	9	0	dr.	1
ATBARA	360	5	30	02	0	0	—	11.4		20	33		15		64	13	0	0.3	2
KHARTUM	360	8	30	02	0	0	—	10.3		21	34		17		35	5	0	dr.	4
KASSALA	40	1	30	02	0	0	—	9.2		23	36		15		65	16	0	dr.	8
WAD MEDANI	50	9	35	02	0	0	—	9.1		21	35		14		44	8	0	46	12
RENK																			49
ROSEIRES	360	2	35	02	1	0	—	9.5		22	39		17		53	12	0	0	36
EL OBEID	00	0	30	02	0	0	—	10.4		21	35		15		26	1	0	6	16
EL FASHER	310	2	30	02	0	0	—			15	35		12		45	3	0	6	6
GENEINA	50	3	30	02	0	0	—			15	35		11		36	0	0		4
MALAKAL	20	8	30	03	2	7	cs	7.8		25	38		18		26	4	0	70	88
WAU	20	4	30	02	0	0	—	8.0		22	38		19		57	13	0	144	143
JUBA	00	0	30	03	1	8	ac,ci	6.5		29	40		23		46	16	0	191	144

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On	At		
2nd	51		-15
	53		-16
	57		-17
	44		-14
3rd			2.0

RAWINSONDE — Farouk Airport

On 2nd At 15h	Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
	1000	104	20		320	8
	950					
	900					
	850	1483	12		260	20
	800					
	700	3084	3		260	24
	600					
	500	5721	-16		260	69
	400	7368	-26		260	75
	300	9405	-38		260	95

Remarks

UPPER WIND OBSERVATIONS on 2nd

Height m	Siwa 14 Dir.	Vel.	Port Said 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	El Arish 14 Dir.	Vel.	Minya 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Hurghada 14 Dir.	Vel.	S. Barani 14 Dir.	Vel.
300	310	10	300	12	300	10	80	30	320	9	340	12	80	9	330	18
600	310	10	290	12	290	10	180	20	310	10	340	13	70	7	330	19
1000	330	14	270	15	290	10	210	17	300	12	340	6	190	5	330	20
1500	340	16	250	23	280	14	220	24	260	17	220	7	250	10		
2000	330	15	270	22	260	22	260	10	260	21			100	13		
3000	280	29	260	29	250	26										
4000	250	28														
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 3rd

Height m	Sidi Barani Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said 2 Dir.	Vel.	El 'Arish 6 Dir.	Vel.	Helwan 7 Dir.	Vel.	Minya 2 Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
300							290	5	210	3	350	4	350	10										
600							260	5	150	3	20	9	20	16										
1000							290	11	230	4	350	8	10	16										
1500							270	9			320	9	260	9										
2000							260	9			250	16	270	16										
3000											260	19												
4000																								
5000																								
6000																								
7000																								
8000																								

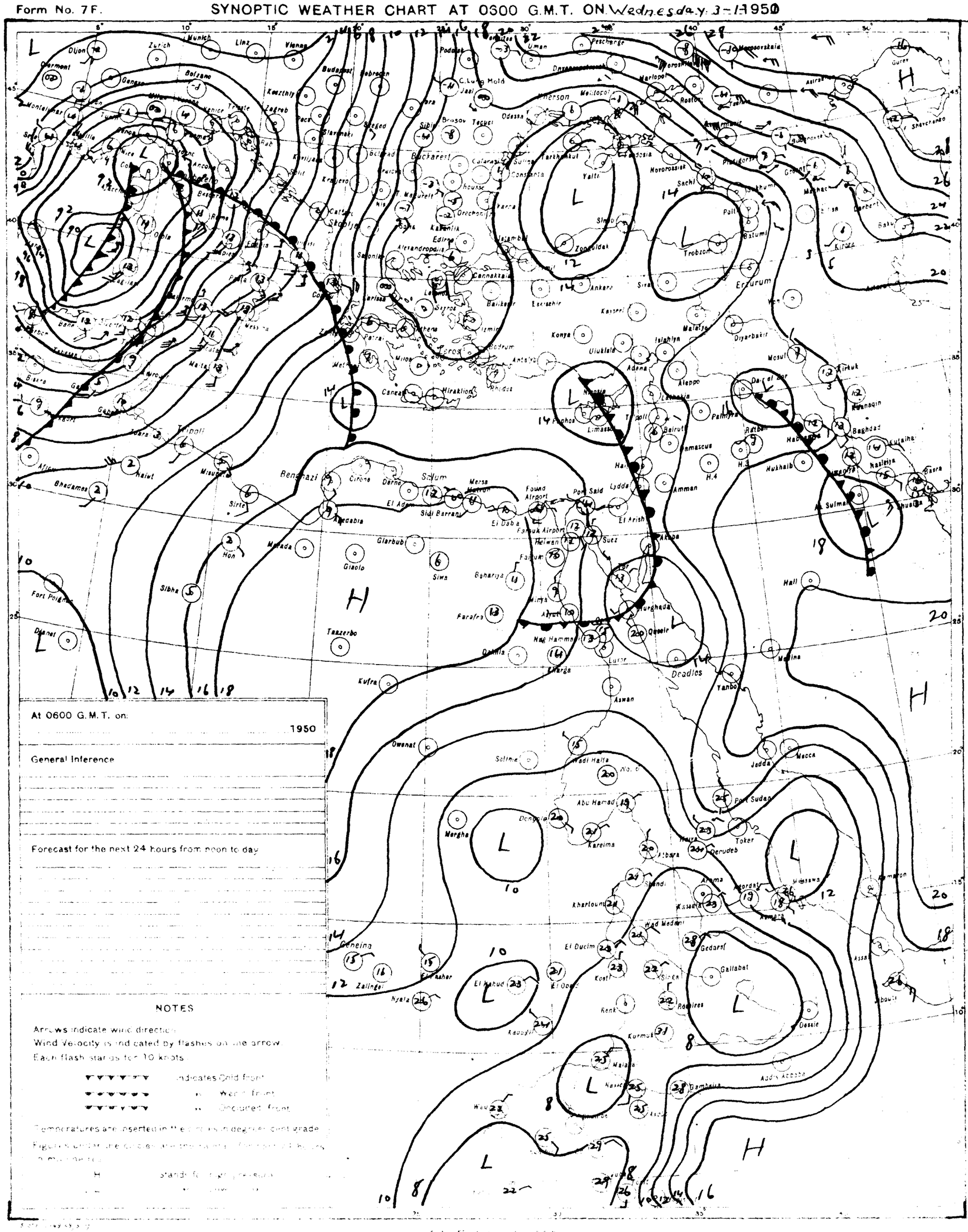
Height m	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima 5 Dir.	Vel.	Khartum 4 Dir.	Vel.	Kassala 4 Dir.	Vel.	El Obeid 4 45 Dir.	Vel.	El Fasher 5 Dir.	Vel.	Malakal 4 Dir.	Vel.
300																								
600													30	13	30	16	80	8					30	28
1000													40	19	40	23	30	11	60	21	50	7	30	32
1500													70	19	310	11	330	11	40	13	120	18	40	22
2000																			270	11	130	8		
3000													120	5	220	11	240	8	230	11			170	2
4000													350	9					40	3	230	7		
5000															170	2								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North
2- " Velocity " Knots (one Knot = 1.85 Kilometres per hour)
3- Present weather, Past weather, Form and amount of cloud explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

METEOROLOGICAL BUREAU

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 3-1-1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ indicates Cold front
▼▼▼▼▼▼ " Warm front
▼▼▼▼▼▼ " Occluded front

Temperatures are inserted in the [illegible] in degrees centigrade.
Figures under the circles are the [illegible]
H stands for [illegible] pressure
L " " [illegible]

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain } Thunderstorm during the past hour		91
Hail }		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered by trace of cloud	1
2/8 "	2
3/8 "	3
4/8 "	4
5/8 "	5
6/8 "	6
7/8 "	7
Sky completely covered	8
Impossible to see sky because of fog	
[illegible]	1
[illegible]	1

M.A.H.

SCALE [illegible]

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 4th January, 1951

Time of Sunrise 04 52 G.M.T.
" " Sunset 15 08 G.M.T.

At 1200 on Wednesday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM		5	35	03	2	7	sc,cu	16.4	17	60	9
	303	SÎDI BARÂNI	350	5	18	02	1	3	sc,cu	16.5	17	37	2
	306	MATRŪH	350	8	15	02	2	5	cu	16.4	17	46	5
	309	EL DABʹA	320	7	35	02	2	5	sc,cu	16.0	18	52	8
		ALEXANDRIA	40	13	50	01	2	3	cu	15.9	18	52	8
	318	FOUAD (Airport)	40	7	18	01	2	5	sc	15.9	20	46	8
	330	DAMIETTA	320	5	35	01	1	2	cu,ac	16.0	18	60	10
	333	PORT SAʹÎD	352	4	30	02	1	4	cu,ci	15.5	18	68	14
	336	EL ʹARISH											
Lower Egypt	339	DAMANHŪR	310	5	15	02	1	2	cu	15.8	19	52	9
	342	MANSŪRA	360	[illegible]	[illegible]	[illegible]	1	[illegible]	ac	15.9	21	41	7
	348	TANTA	310	5	35	03	2	5	cu,sc	15.9	20	46	8
	354	ZAGAZIG	320	2	50	03	1	4	cu	15.1	19	64	12
	[illegible]	ISMAILIA	180	[illegible]	[illegible]	03	1	6	cu,ac	15.2	21	57	10
Cairo Area	366	FAROUK (Airport)	20	9	18	03	1	2	sc,ci	15.8	19	52	9
	372	ALMÂZA	30	8	15	03	1	3	cu,ci	15.4	19	46	7
		EZBEKÎYA	350	6	18	02	1	7	ci	15.2	19	52	9
		GÎZA	350	6	18	02	1	7	ci	15.6	19	49	7
	378	HELWÂN	360	5	15	03	0	4	cc	14.8	19	37	4
Upper Egypt	381	FAIYŪM	00	0	35	03	1	3	as	15.9	20	41	6
	387	MINYA	10	10	8	03	1	4	ci	14.7	21	38	6
	393	ASYŪT MANQABÂD	340	6	15	03	1	6	ac,ci	13.4	22	36	6
	399	NAGʹ HAMMÂDI	360	1	7	03	2	7	ac	11.8	20	46	8
	402	QENA	270	2	35	01	1	7	as	11.9	23	38	8
	405	LUXOR	00	0	30	02	2	6	ac	11.0	24	32	6
	414	ASWÂN	360	2	50	01	1	4	as	10.2	26	13	-5
Oases	417	SÎWA	00	0	12	02	1	2	ci	17.6	19	37	4
	420	BAHARÎYA	360	2	35	02	1	4	ac	15.4	19	46	7
	423	FARAFRA	40	11	35	02	2	7	ac	15.9	19	46	7
	432	DAKHLA	20	2	50	03	2	7	ci	13.9	21	32	4
	435	KHARGA	360	4	15	03	2	7	ac	13.1	20	24	1
Red Sea	[illegible]	SUEZ	310	4	50	03	0	4	ci	14.3	19	46	7
	[illegible]	TÔR	310	15	50	00	0	0	—	12.4	22	57	13
	[illegible]	HURGHADA	320	14	30	01	2	4	ac	11.4	22	50	11
	465	QUSEIR	360	9	15	03	2	6	ac	12.7	24	69	18
	[illegible]	PORT SŪDÂN	80	8				6	sc	10.4	27	79	23
Northern Sudan	600	WÂDI HALFA	120	5	50	02	0	0	—	1.9	32	13	0
	640	ABU HAMAD	40	7	30	02	0	0	—		32	22	8
	[illegible]	KAREIMA	90	5	30	02	0	0	—	6.8	33	23	9
	[illegible]	ʹATBARA	50	5	30	02	0	0	—	5.7	32	17	4
	[illegible]	KHARTŪM	20	11	30	02	0	0	—	5.9	34	16	5
	[illegible]	KASSALA	320	3	30	02	0	0	—	3.1	36	27	14
Central Sudan	[illegible]	WAD MEDANI											
	[illegible]	RENK											
	[illegible]	ROSEIRES	90	2	35	02	0	0	—	3.0	37	18	9
	[illegible]	EL OBEID	50	11	30	02	0	0	—	4.1	33	12	0
	[illegible]	EL FÂSHER	130	2	30	02	0	0	—		34	12	6
	[illegible]	GENEINA	290	1	30	02	0	0	—		34	9	-4
Southern Sudan	840	MALAKÂL	50	11	30	02	2	7	ac,cs	2.5	37	11	2
	[illegible]	WAU	50	9	30	02	[illegible]	2	ci	2.1	37	17	8
	[illegible]	JUBA	60	5	30	03	2	8	cu,cs	999.8	38	24	14

At 1800 on Wednesday 3rd

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALŪM												
SÎDI BARÂNI	110	2	12	02	0	1	ac	17.8	15	48	4	0
MATRŪH	140	2	14	02	2	5	cu	18.0	12	55	3	0
EL DABʹA	40	7	7	01	1	3	cu	18.3	15	59	7	0
ALEXANDRIA	360	16	35	00	0	0	—	18.0	16	49	5	0
FOUAD (Airport)	40	3	12	01	1	0	—	18.0	11	88	9	0
DAMIETTA	340	2	7	00	0	0	—	18.0	14	88	12	0
PORT SAʹÎD	320	2		03	0	2	sc	17.9	15	88	13	0
EL ʹARISH												
DAMANHŪR	40	[illegible]	7	02	0	0	—	18.6	13	82	10	0
MANSŪRA	360	5		00	1	0	—	18.6	14	67	8	0
TANTA	360	2	35	02	1	0	—	18.8	12	77	8	0
ZAGAZIG	00	[illegible]	[illegible]	[illegible]	[illegible]	0	—	18.2	14	77	10	0
ISMAILIA	20	2	35	01	0	0	—	17.5	14	77	10	0
FAROUK (Airport)	40	15	12	00	0	0	—	17.5	15	77	11	0
ALMÂZA	30	9	12	00	0	0	—	17.2	15	82	12	0
EZBEKÎYA	40	4	12	00	0	0	—	17.0	15	68	9	0
GÎZA	40	4	12	00	0	0	—	17.2	16	59	8	0
HELWÂN	360	11	7	01	1	0	—	16.6	15	59	7	0
FAIYŪM	00	0	35	01	0	0	—	17.1	15	68	9	0
MINYA	340	3	8	01	1	1	ci	16.2	12	63	5	0
ASYŪT MANQABÂD	300	4	8	02	2	6	cs	15.5	15	77	11	0
NAGʹ HAMMÂDI	00	0		03	2	6	ac	14.0	17	68	11	0
QENA	320	2		01	1	2	sc	13.3	19	52	9	0
LUXOR	220	4	12	03	2	5	sc	13.2	20	24	-1	0
ASWÂN	00	0	50	00	0	0	—	12.5	23	18	-3	0
SÎWA	00	0	8	05	1	0	—	17.9	10	62	3	0
BAHARÎYA												
FARAFRA	20	4	15	01	2	0	—	16.3	12	63	5	0
DAKHLA	320	5	50	03	1	4	ci	16.7	17	42	4	0
KHARGA	360	2	15	01	1	5	cu,sc	13.3	20	41	6	0
SUEZ	360	5	35	01	0	0	—	16.7	15	68	9	0
TÔR	00	0	35	00	0	0	—	13.8	13	60	10	0
HURGHADA												
QUSEIR	330	9	15	01	1	2	cu,ci	14.0	21	88	19	0
PORT SŪDÂN	130	24	30	03	1	5	sc	11.4	26	79	22	dr.
WÂDI HALFA												
ABU HAMAD	00	0	30	02	0	0	—		26	30	7	0
KAREIMA	00	0	30	02	0	0	—	8.8	26	40	11	0
ʹATBARA	360	2	30	02	0	0	—	7.7	25	39	10	0
KHARTŪM	360	7	30	02	0	0	—	7.8	26	27	5	0
KASSALA	360	2	30	02	0	0	—	6.7	24	47	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	00	0	30	02	0	0	—		24	30	5	0
GENEINA	00	0	30	02	0	0	—		26	26	18	0
MALAKÂL												
WAU	00	0	30	02	0	0	—	3.6	29	43	15	0
JUBA	50	2	4	04	2	0	—	2.0	28	42	14	0

At 0600 on Thursday 4th January, 1951

Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
140	5	15	01	1	4	sc,cu	16.2		15			11		68	9	0	84		SALŪM
80	2	12	00	0	0	—	15.6		8	21		6		66	2	0	77		SÎDI BARÂNI
130	5	12	02	1	1	sc	16.6	-2.0	10	18		4		76	6	0	38		MATRŪH
200	2	15	03	2	6	sc	16.3		11	19		6		63	4	0	32		EL DABʹA
90	6	50	03	1	3	cu	16.8	-2.2	15	20	+1	11	0	59	7	0	19	103	ALEXANDRIA
[illegible]	3	12	03	1	2	sc	16.8		10	20		7		88	8	0	14	74	FOUAD (Airport)
20	2	3	03	1	6	sc	17.8	-0.2	15	19		10		77	11	0	45	+3	DAMIETTA
90	8	14	03	1	6	sc	[illegible]	-0.4	17	23	+4	13		64	10	0	2		PORT SAʹÎD
160	2	35	01	0	0	—	18.2	-0.4	16			8	0	56	8	0	Rain	35	EL ʹARISH
90	5	7	02	1	1	cu	17.6	-1.0	10	20	0	8	0	76	6	0	2	39	DAMANHŪR
40	5	35	02	1	3	cu	17.2	-1.3	13	22	+2	10	+2	67	7	0	dr.	17	MANSŪRA
00	0	35	01	1	2	cu,sc	[illegible]	[illegible]	11	22	+2	6	-1	71	6	0	3	14	TANTA
40	3	35	02	0	0	—	17.0	-2.1	9	22	+2	8	+1	95	9	0	1	10	ZAGAZIG
90	2	35	01	0	0	—	17.1		12	23		9		77	8	0	1		ISMAÎLÎA
70	14	12	00	0	0	—	16.2		12	20				82	9	0	0		FAROUK (Airport)
70	15	15	00	0	0	—	16.1	-3.3	10	20		9		88	8	0	0		ALMÂZA
350	2	12	00	0	0	—	16.3	-3.1	11	20	0	10	+2	82	8	0	dr.	9	EZBEKÎYA
350	2	12	00	0	0	—	16.3	-3.3	8	20	+1	4	-2	88	6	0	dr.	10	GÎZA
70	13	15	00	0	0	—	15.2	-4.4		20	+1				8	0	dr.	9	HELWÂN
20	4	35	02	0	0	—	17.0	-2.4	11	21	0	9	+3	88	9	0	0	3	FAIYŪM
360	4	8	00	0	0	—	15.7	-4.2	7	2		4		87	5	0	0		MINYA
330	3	6	01	0	0	—	14.9	-5.3	9	22		8		94	8	0	dr.		ASYŪT MANQABÂD
340	1		00	0	0	—	14.2	-5.6	13	24		10		77	9	0	0.1		NAGʹ HAMMÂDI
40	2	15	00	0	0	—	13.9	-5.1	17	23	0	14	+7	60	9	0	0		QENA
00	0	30	01	1	2	sc	13.3	-6.0	18	26		13		43	5	0	0		LUXOR
										27	+4								ASWÂN
100	3	11	00	0	0	—	16.3	-4.4	7	21	+1	4	-1	71	2	0	0	5	SÎWA
																		4	BAHARÎYA
00	0	35	02	0	0	—	16.0		7	20		4		57	-1	0	dr.		FARAFRA
00	0	50	01	2	2	ci	14.2	-6.4	11	22	0	10	+5	63	4	0	0		DAKHLA
00	0	15	02	2	4	cb	13.9	-5.5	17	22	0	14	+7	42	4	0	0		KHARGA
360	3	50	00	0	0	—	16.6	-2.3	12	21	+1	10	0	77	8	0	0	9	SUEZ
40	8	35	02	0	0	—	15.0	-3.0	12	23	+2	10	+1	63	5	0	4	7	TÔR
																			HURGHADA
330	9	15	00	0	0	—	14.4	-3.3	19	2[illegible]	+3	18	+4	64	12	0	0	4	QUSEIR
320	2	10	06	1	6	sc	13.1		25	29				84	22	dr.	Rain	84	PORT SŪDÂN
360	7	30	03	0	1	ci	11.9					14			0	0	dr.		WÂDI HALFA
20	3	30	03	0	1	ci			21	33		16		65	14	0			ABU HAMAD
										33								1	KAREIMA
360	2	30	03	0	0	—	10.6		21	33		17		69	15	0	0.3	2	ʹATBARA
10	10	30	03	0	1	cs	9.7		21	35		18		44	8	0	dr.	4	KHARTŪM
00	0	30	02	0	0	—	8.9		20	37		14		73	15	0	dr.	8	KASSALA
50	9	35	02	0	0	—	9.3		21	36		16		44	8	[illegible]	46	12	WÂD MEDANI
360	9	35	02	0	0	—			24	38		17		34	7	0		49	RENK
00	0	35	02	0	0	—	9.0		21	39		12		57	12	0	0	36	ROSEIRES
30	8	30	02	1	1	ci	9.9		21	34		16		34	3	0	6	16	EL OBEID
360	2	30	03	1	4	cs			16	35		12		36	1	0	6	6	EL FÂSHER
										36								4	GENEINA
70	4	30	02	2	8	ac	8.4		22	38		21		38	7	[illegible]	70	86	MALAKÂL
180	8	35	02				10.4		24	37		18				0	144	143	WAU
220	2	30	03	2	8	—	7.6		25	39		19		84	22	0	191	144	JUBA

Humidity — Mean of day

Station	3rd	Diff. from normal
Alexandria	63	-3
Ezbekiya	71	+2
Giza	71	-3
Helwan	64	+6

GIZA — Grass minimum temp. on 4th: 1.5°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On … At …

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk Airport, On 3rd At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	138	17	56	30	10
950					
900					
850	1494	4	28	360	8
800					
700	3060	-3		260	15
600					
500	5639	-19		260	38
400	7266	-30		260	79
300	9248	-45		260	12

(Two further Rawinsonde columns, "… Airport, On … At …", pressures 1000–300 mbs: not filled in.)

UPPER WIND OBSERVATIONS on 3rd

Height m	Port Said Dir.	Port Said Vel.	S. Barrani Dir.	S. Barrani Vel.	Dakhla Dir.	Dakhla Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.
Time	14		14		14		14		14		14		14		14	15
300	350	5	40	9	10	14	350	19			220	10	340	13	340	17
600	350	11	20	8	20	1	20	15			280	7	360	13	320	18
1000	350	8	20	6	30	7	30	13	40	10	280	4	10	13	280	13
1500	340	7	90	3			250	7	70	12			310	5		
2000	50	3	210	11			240	10	290	8	[illegible]	4	250	12		
3000	280	8	240	8			250	[illegible]	270	7	210	30				
4000	230	20	230	18					220	10	190	30				
5000	270	14							260	18	280	5				
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 4th

Height m	Sîdi Barâni	Matrûh	Fouad Airport	Port Saʹîd Dir.	Port Saʹîd Vel.	El ʹArîsh Dir.	El ʹArîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd	Luxor	Aswân	Hurghada
Time				2		6		7		2					
300				70	9	190	17	70	7	50	13				
600				80	12	290	17	100	13	40	15				
1000				90	14	50	12	130	3	80	8				
1500						280	7	150	2	110	3				
2000						250	4	180	8	40	2				
3000								260	7	10	2				
4000								260	16						
5000															
6000															
7000															
8000															

Station	Sîwa	Baharîya	Dakhla	Kharga	Wâdi Halfa	Abû Hamad	Kareima	Khartûm	Kassala	El Obeid	El Fâsher	Malakâl
Time												
300–8000												

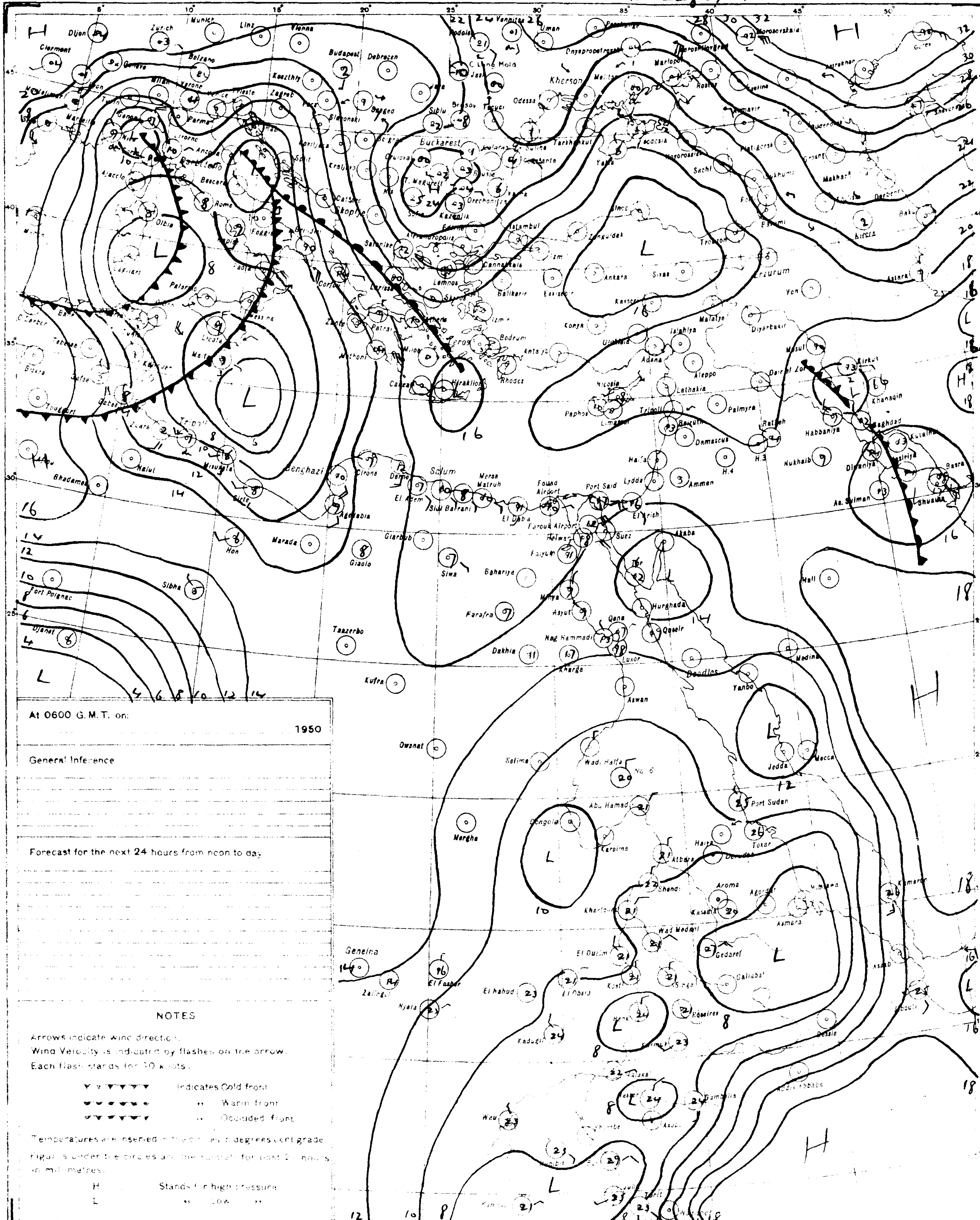
Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3. Present weather, Past weather, Form and amount of cloud are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1949 [illegible]
Annual [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 4-1-1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade
figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Thunderstorm during		91
Hail } the past hour.		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	[illegible]
1/8 of sky covered or trace of cloud	1
2/8 th ,,	2
3/8 ,,	3
4/8 ,,	4
5/8 ,,	5
6/8 ,,	6
7/8 ,,	[illegible]
Sky completely covered	8
,, obscured by dust, sand or fog or clouds amount cannot be estimated owing to darkness	9

M.A.H.

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 09 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 5th January, 1950

Area	Index Number	Station	At 1200 on Thursday 4th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	At 1800 on Thursday 4th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
MEDITERRANEAN	62300	SALÛM	110	9	30	00	1	2	Cu	12.2	18	52	8	220	2	15	00	0	1	Cu	12.4	14	72	8	0
	303	SÎDI BARÂNI	80	15	12	02	1	1	Cu	12.3	18	46	6	140	4	10	01	0	0	—	12.6	13	72	8	0
	306	MATRÛH	250	14	14	02	1	5	Sc Cu	13.5	19	43	6	70	9	10	02	0	2	Cu	12.9	15	68	9	0
	309	EL DABA	90	9	18	01	1	3	Cu	14.2	18	52	8	90	9	7	00	0	0	—	12.3	16	68	10	0
		ALEXANDRIA	40	9	50	02	2	3	Cu	13.9	19	46	7	40	11	35	00	0	0	—	13.6	14	77	10	0
	318	FOUAD (Airport)	60	13	18	02	0	1	Sc	13.5	20	46	8	90	8	12	00	0	0	—	13.4	13	88	11	0
	330	DAMIETTA	110	5	35	01	0	1	Cu	14.6	19	64	12	90	5	7	00	0	0	—	13.3	16	68	10	0
	333	PORT SA'ÎD	100	16	30	02	1	1	Sc	14.2	19	52	9	90	7	14	02	0	0	—	12.3	17	68	11	0
	336	EL 'ARISH	40	9	35	02	0	0	—	14.2	18	40	4	40	2	15	02	0	0	—	14.3	15	77	11	0
LOWER EGYPT	339	DAMANHUR	130	9	15	02	1	2	Cu	14.7	20	56	11	90	13	7	02	0	0	—	14.3	12	88	10	0
	342	MANSURA	40	9	35	00	1	0	—	14.3	21	50	10	40	9		00	0	0	—	13.8	13	77	9	0
	348	TANTA	90	8	35	02	1	0	—	13.7	20	56	11	40	2	35	02	0	0	—	13.3	12	77	8	0
	354	ZAGAZIG	140	6	50	02	0	0	—	13.5	20	56	11	40	3	35	02	0	0	—	13.0	13	88	11	0
	441	ISMAÎLÎA	90	9	35	02	0	0	—	13.0	21	41	7	70	9	35	02	0	0	—	13.8	15	59	7	0
CAIRO AREA	366	FAROUK (Airport)												80	17	14	00	0	0	—	12.5	15	72	10	0
	372	ALMÂZA	70	13	15	00	0	0	—	12.0	21	41	7	60	7	12	00	0	0	—	12.5	16	48	4	0
		EZBEKÎYA	40	4	30	00	0	0	—	11.9	22	36	6	360	3	12	00	0	0	—	12.0	16	49	5	0
		GÎZA	40	4	30	00	0	0	—	12.3	23	38	8	360	3	12	00	0	0	—	12.6	17	42	4	0
	378	HELWÂN	40	6	35	02	1	0	—	11.6	24	26	3	40	16	7	02	0	0	—	11.8	18	37	3	0
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	12.3	21	50	10	00	0	35	02	0	0	—	12.3	14	67	8	0
	387	MINYA	00	0	8	00	0	0	—	11.5	24	34	7	00	0	8	00	0	0	—	12.5	14	63	7	0
	393	ASYÛT MANQABÂD	00	0	15	00	0	0	—	10.4	22	47	10	180	2	8	00	0	0	—	11.8	15	59	7	0
	399	NAG' HAMMÂDI	00	0	7	00	0	0	—	10.6	25	54	15	00	0		00	0	0	—	12.1	14	77	10	0
	402	QENA	290	2	50	00	0	0	—	10.2	25	47	13	320	2	7	00	0	0	—	11.1	20	64	13	0
	405	LUXOR	360	3	8	00	0	0	—	9.7	26	42	12												
	414	ASWÂN	00	0	50	00	0	0	—	8.8	29	29	9	00	0	50	00	0	0	—	10.2	25	34	8	0
OASES	417	SÎWA	90	14	12	00	0	0	—	13.3	19	46	7	00	0	10	00	0	0	—	12.8	12	63	5	0
	420	BAHARÎYA	00	0		02	0	0	—	11.9	23	32	5	00	0	15	02	0	0	—	12.6	14	48	3	0
	423	FARAFRA	200	2	35	02	0	0	—	12.3	23	38	8	40	2	15	02	0	0	—	12.2	14	48	3	0
	432	DAKHLA	00	0	50	00	0	0	—	10.8	25	42	11	00	0	50	00	0	0	—	13.4	20	28	1	0
	435	KHARGA	00	0	15	00	0	0	—	11.8	26	25	4	00	0	15	00	0	0	—	12.8	21	26	1	0
RED SEA	450	SUEZ	00	0	50	02	0	0	—	11.8	22	44	9	00	0	15	02	0	0	—	11.6	17	60	9	0
	459	TÛR	310	9	50	00	0	0	—	12.2	22	65	15	130	3	35	00	0	0	—	12.3	16	68	10	0
	462	HURGHADA	20	2	30	00	0	0	—	10.4	22	57	13	160	1	10	00	0	0	—	11.4	19	73	14	0
	465	QUSEIR	20	9	15	02	0	0	—	12.4	22	83	19	20	9	15	02	0	0	—	13.0	22	83	19	0
	641	PORT SÛDÂN	120	8	30	03	6	4	Cu Sc	9.9	27	74	22	90	3	30	02	2	1	Sc	12.1	22	95	22	16
NORTH SUDAN	600	WÂDI HALFA	90	4	50	03	0	1	Ci	8.0	31	21	6												
	640	ABU HAMAD	50	4	30	03	0	1	Ci		33	26	11	350	3	30	02	0	0	—		26	37	10	0
	660	KAREIMA	50	2	30	02	0	0	—	7.0	33	13	1	360	4	30	02	0	0	—	8.1	29	31	10	0
	680	'ATBARA	340	5	30	02	0	0	—	4.9	33	23	9	360	2	30	03	0	0	—	6.9	35	20	9	0
	721	KHARTÛM	40	7	30	02	0	0	—	4.7	35	19	8	10	6	30	01	0	0	—	5.9	28	27	7	0
	730	KASSALA	360	3	30	02	0	0	—	2.4	38	21	12	40	5	30	02	0	0	—	6.2	23	69	17	0
SOUTH SUDAN	761	WÂD MEDANI	360	9	35	02	1	3	Ci	3.4	36	13	3												
	801	RENK																							
	802	ROSEIRES	360	13	35	02	0	0	—	2.4	35	19	8												
	771	EL OBEID	30	2	30	03	1	5	Cs	4.4	34	16	5	00	0	30	01	0	0	—	7.0	25	28	5	0
	760	EL FÂSHER	190	2	30	02	1	3	Ci		34	16	5	70	5	30	02	1	4	Ci		26	27	5	0
	770	GENEINA	00	0	30	02	2	7	Cs		34	16	5	00	0	30	01	2	3	Ci		24	26	3	0
SOUTH SUDAN	840	MALAKÂL	50	8	30	03	2	8	Ac Cs	3.6	37	13	4	30	4	30	01	2	4	Ci	5.2	28	31	9	0
	880	WÂU	90	9	50	03	2	7	Ac Ci	3.2	37	13	5	130	7	30	03	0	0	—	5.2	27	30	8	0
	941	JUBA	50	5	30	03	2	8	Cu Ci	0.2	38	24	14	00	0	30	01	2	4	Cs	3.8	29	43	15	0

Area	Index Number	Station	At 0600 on Friday 5th January, 1951: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
MEDITERRANEAN	62300	SALUM	270	9	15	00	0	0	—	10.7		11	20		9		88	9	0	24		SALUM
	303	SIDI BARANI	250	4	14	00	0	1	Cu	10.3		9	19		7		83	6	0	77		SIDI BARANI
	306	MATRUH	200	9	12	01	0	1	Cu	9.7	-8.9	9	19		4		88	7	0	38		MATRUH
	309	EL DABA	00	0	15	01	1	3	Cu	9.5		9	19		5		71	4	0	32		EL DABA
		ALEXANDRIA	130	8	35	04	1	3	Cu Ci			12	21	+2	11	0	88	10	0	19	105	ALEXANDRIA
	318	FOUAD (Airport)	140	1	14	43	4	2	Ac	10.1		10	20		8		95	10	0	14	75	FOUAD (Airport)
	330	DAMIETTA	140	2	7	00	0	0	—	10.4	-7.6	14	20		10		88	12	0	45	44	DAMIETTA
	333	PORT SA'ID	180	10	12	02	0	0	—	10.6	-7.1	4	20		13		77	10	0	2		PORT SA'ID
	336	EL 'ARISH	160	2	35	02	0	0	—	11.0	-6.6	14	20	+1	7	0	55	5	0	Rain	36	EL 'ARISH
LOWER EGYPT	339	DAMANHUR	230	9	15	28	4	0	—	11.4	-7.2	9	21	+1	7	-1	71	4	0	2	40	DAMANHUR
	342	MANSURA	180	6	35	00	0	0	—	10.6	-7.9	8	22	+2	7	-1	88	6	0	dr.	17	MANSURA
	348	TANTA	00	0	35	01	1	3	Cu Sc	10.5	-8.6	9	21	+1	4	-3	88	7	0	3	15	TANTA
	354	ZAGAZIG	320	1	15	02	0	0	—	10.6	-8.5	8	21	+1	6	-1	95	8	0	1	10	ZAGAZIG
	441	ISMAILIA	160	2	35	01	0	0	—	11.6		11	22		8		88	9	0	1		ISMAILIA
CAIRO AREA	366	FAROUK (Airport)	150	12	13	03	0	5	Cs	11.1		15	22		9		68	9	0	0		FAROUK (Airport)
	372	ALMAZA	180	18	15	02	1	2	Ci	10.6	-8.8	14	22		4		77	10	0	0		ALMAZA
		EZBEKIYA								11.5	-7.9	11	23	+3	8	0	77	7	0	dr.	9	EZBEKIYA
		GIZA	00	0	12	00	0	7	Ci	11.5	-8.1	11	23	+4	6	0	68	4	0	dr.	10	GIZA
	378	HELWAN	00	0	7	03	2	6	Ci	12.2	-7.4	14	24	+5	10	+1	48	3	0	dr.	9	HELWAN
UPPER EGYPT	381	FAIYUM	00	0	15	03	2	6	Ac	13.6	-5.8	10	24	+3	7	+1	77	6	0	0	3	FAIYUM
	387	MINYA	160	4	6	02	1	2	Ci	13.3	-6.6	9	24		5		77	5	0	0		MINYA
	393	ASYUT MANQABAD	00	0	8	01	0	0	—	13.5	-6.7	11	24		9		83	8	0	dr.		ASYUT MANQABAD
	399	NAG' HAMMADI	00	0		00	0	0	—	13.7	-6.1	13	25		10		88	11	0	0.1		NAG' HAMMADI
	402	QENA	320	2	15	00	0	0	—	13.0	-6.0	17	27	+4	13	+6	60	9	0	0		QENA
	405	LUXOR																				LUXOR
	414	ASWAN	00	0	50	00	0	0	—	11.5	-7.6	19	30	+7	17	+6	77	15	0	0		ASWAN
OASES	417	SIWA	270	6	12	03	0	2	Ac	13.8	-6.9	8	22	+2	5	+1	77	4	0	0	5	SIWA
	420	BAHARIYA	180	4	35	02	1	3	Ac	13.5	-6.8	11	24	+4	5	0	63	4	0	0	4	BAHARIYA
	423	FARAFRA	290	8	35	03	0	0	—	14.3		14	24		5		55	5	0	dr.		FARAFRA
	432	DAKHLA	340	3	50	00	0	0	—			11	27	+5	9	+4	51	1	0	0		DAKHLA
	435	KHARGA	00	0	35	00	0	0	—	13.1	-6.3	13	27	+5	9	+2	55	4	0	0		KHARGA
RED SEA	450	SUEZ	160	4	35	00	1	4	Ci	9.4	-9.5	14	25	+5	11	+1			0	0	9	SUEZ
	459	TOR	40	8	50	00	0	0	—	11.8	-6.2	17	24	+3	11	+2	68	11	0	4	7	TOR
	462	HURGHADA	240	3	30	03	0	1	Cs	12.0	-6.0	20	25		15		73	15	0	0		HURGHADA
	465	QUSEIR	360	5	15	00	0	0	—	12.2	-5.5	23	26	+3	19	+5	88	21	0	0	4	QUSEIR
	641	PORT SUDAN	310	2	30	03	1	7	Sc Ac	12.8		25	29		21		83	22	16	Rain	65	PORT SUDAN
NORTH SUDAN	600	WADI HALFA	90	6	50	02	0	0	—	10.8		18	33		15		46	6	0	dr.		WADI HALFA
	640	ABU HAMAD	360	1	30	03	1	5	Cs			21	34		18		61	13	0			ABU HAMAD
	660	KAREIMA											34								1	KAREIMA
	680	'ATBARA	50	5	30	02	0	1	Ci	9.6		22	34		17		74	16	0	0.3	2	'ATBARA
	721	KHARTUM	360	6	30	02	0	1	Ci	8.6		22	36		19		50	10	0	dr.	4	KHARTUM
	730	KASSALA	90	3	30	02	0	0	—	7.4		24	37		16		65	17	0	dr.	8	KASSALA
SOUTH SUDAN	761	WAD MEDANI	360	9	35	02	0	0	—	7.9		20	37		16		64	12	0	46	12	WAD MEDANI
	801	RENK	360	9	35	02	0	1	Ci			20			17		49	9	0		49	RENK
	802	ROSEIRES	360	5	35	02	0	0	—	8.3		20	37		13		49	9	0	0	36	ROSEIRES
	771	EL OBEID	350	6	30	03	1	4	Ci	9.6		21	35		17		35	5	0	6	16	EL OBEID
	760	EL FASHER	00	0	30	03	0	4				20	35		12		33	3	0	6	6	EL FASHER
	770	GENEINA	00	0	30	03	0	2	Cs			23	35				26	2	0		4	GENEINA
SOUTH SUDAN	840	MALAKAL	90	4	30	03	2	7	Cs	7.7		24	37		19		32	6	0	70	88	MALAKAL
	880	WAU	250	4	30	03	1	8	Cs	8.8		23	37		18		47	11	0	144	143	WAU
	941	JUBA	00	0	30	03	0	6	Ac Cs	8.0		27	37		19		48	15	0	191	144	JUBA

UPPER AIR OBSERVATIONS

Humidity — Mean of days

Station	4th	Diff. from normal
Alexandria	63	-3
Fayoum	58	-11
Giza	62	-12
Helwan	46	-12

GIZA — Mean minimum temp. on 5th 1.5 °C

Remarks

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk Airport — On 4th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	104	19	37	60	13
950					
900					
850	1477	12		200	8
800					
700	3068	1		260	30
600					
500	5690	-14		250	51
400	7325	-28		260	74
300	9330	-42		260	96

RAWINSONDE — Airport — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Airport — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 4th

Height m.	Port Said Time 14 Dir.	Vel.	Asyut Time 14 Dir.	Vel.	Minya Time 14 Dir.	Vel.	S. Barrani Time 14 Dir.	Vel.	Dakhla Time 14 Dir.	Vel.	Hurghada Time 14 Dir.	Vel.	Siwa Time 14 Dir.	Vel.
300	80	15	290	3	350	4	80	19	340	3	60	6	110	24
600	80	20	210	4	160	6	90	19	320	3	150	9	100	25
1000	80	12	200	9	200	7	100	19	220	11	240	13	110	16
1500	80	7	240	7	240	15	120	12	240	21	250	8	170	19
2000			210	18	260	25	190	15			190	14	190	17
3000			220	29			180	22						
4000			240	43			200	28						

UPPER WIND OBSERVATIONS on 5th

Height m.	Sidi Barani Time 8 Dir.	Vel.	Matruh Dir.	Vel.	Fouad Airport Time 8 Dir.	Vel.	Port Said Time 8 Dir.	Vel.	El 'Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya Time 2 Dir.	Vel.	Asyut Manqabad Time 8 Dir.	Vel.	Luxor Time 8 15 Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Time 8 Dir.	Vel.
300	290	19			250	22	220	23					230	9	290	10	60	4					220	17
600	280	21			250	30	220	16					250	16	290	11	70	3					250	25
1000	280	19			240	35	220	21					260	16	290	8	310	14					250	24
1500	280	15			240	34	220	23					240	23	260	16	220	21					240	30
2000	280	8			230	33									240	27	240	22					230	30
3000															230	39								
4000															250	44								
5000															250	50								
6000																								
7000																								
8000																								

Height m.	Siwa Time 8 Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Time 8 Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Time 5 Dir.	Vel.	Abu Hamad Time 4 Dir.	Vel.	Kareima Dir.	Vel.	Khartum Time 4 Dir.	Vel.	Kassala Time 4 Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Time 4 Dir.	Vel.
300	290	32			310	14																		
600	300	40			320	15					70	29			30	19	310	4					10	13
1000	300	31			330	17			130	1	40	17			20	14	100	3					360	20
1500	280	23							310	2	50	19			20	5	70	5					350	14
2000	270	38									10	10			60	6								
3000	280	24							260	15					230	14	50	1					10	11
4000									270	29														
5000																								
6000																								
7000																								
8000																								

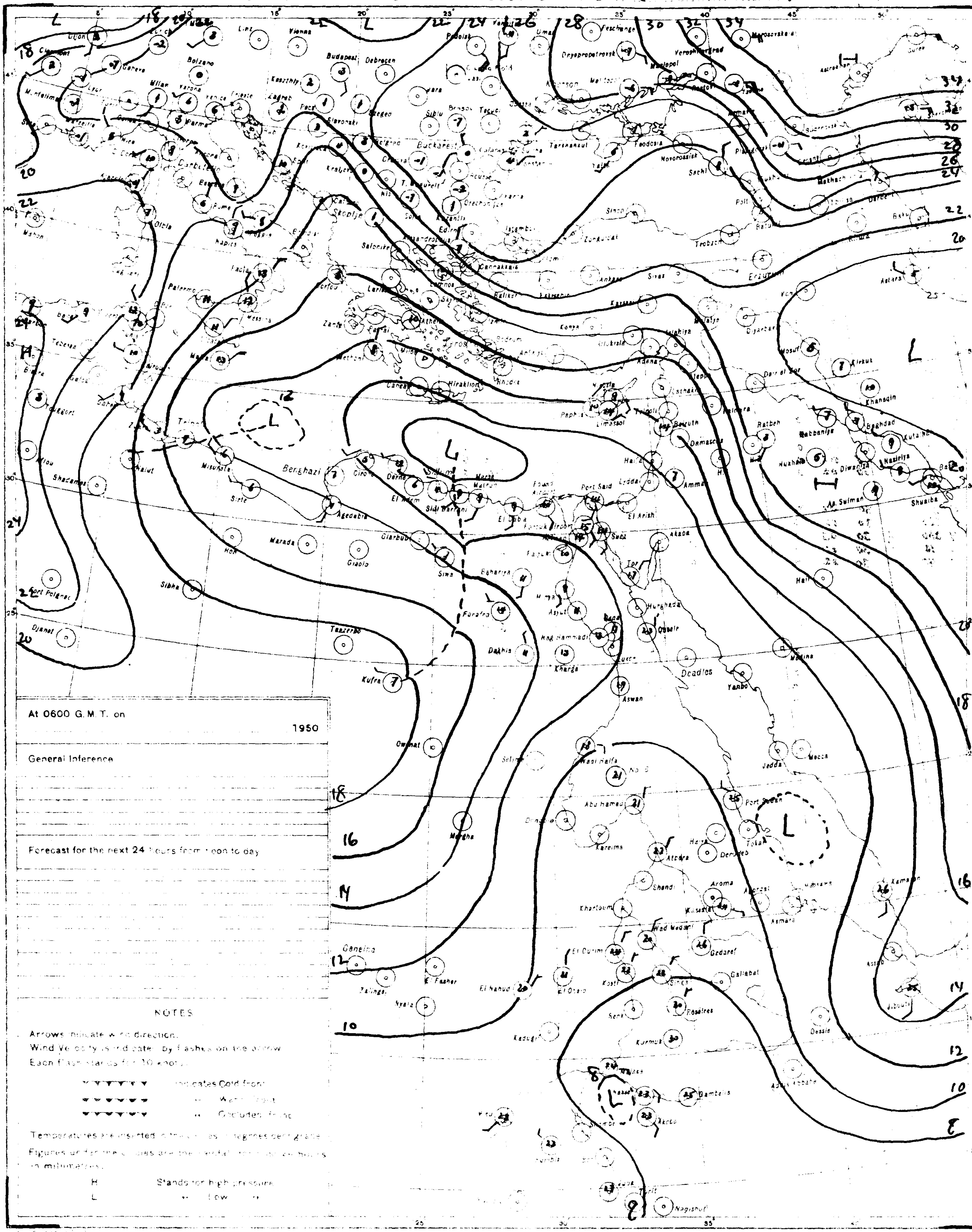
Remarks: 1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.85 Kilometres per hour = 1.15 Miles).
3. Present weather, Past weather, Form and amount of cloud explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G.M.T.

Annual ...

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 5. 1. 1950



At 0600 G.M.T. on 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for ... 24 hours in millimetres.

H Stands for high pressure
L " low "

S of E (949,45,557)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
	Squalls	18
During past hour and not at time of observation	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	

AMOUNT OF CLOUD

Cloudless	
1/8 of sky covered or trace of cloud	1
2/8 [illegible]	2
[illegible]	3
[illegible]	4
[illegible]	5
6/8 [illegible]	6
7/8 [illegible]	7
Sky completely covered	8
[illegible] obscured by dust, sand or fog [illegible] owing to darkness	

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

Time of Sunrise 04 52 G.M.T.
" " Sunset 15 09 G.M.T.

DAILY WEATHER REPORT

Date: Saturday 6th January, 1950

At 1200 on Friday 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	270	13	35	03	1	3	Cu	9.8	18	37	3
	303	SIDI BARANI	280	16	12	03	1	5	Cu,Sc	9.1	17	56	8
	306	MATRUH	310	19	13	03	1	7	Cu,Sc	8.8	18	49	7
	309	EL DABA	290	12	35	03	2	6	Sc	7.3	18	60	10
		ALEXANDRIA	220	27	50	03	2	4	Cb,Ci	7.2	18	52	8
	318	FOUAD (Airport)	240	20	18	02	1	4	Cc	7.6	19	46	7
	330	DAMIETTA	200	5	35	03	0	4	Cu	6.2	20	46	8
	333	PORT SAID	250	12	30	01	2	5	Ci	6.5	20	53	10
	336	EL ARISH											
Lower Egypt	[illegible]	DAMANHUR											
	342	MANSURA	270	5	35	02	1	3	Ac	8.6	21	41	7
	346	TANTA											
	354	ZAGAZIG	220	3	35	02	1	3	Ci	8.7	21	50	10
	[illegible]	ISMAILIA	250	9	35	03	1	5	Ac	9.8	23	65	16
Cairo Area	366	FAROUK (Airport)	230	23	15	02	1	3	Ci	10.1	22	57	13
	[illegible]	ALMAZA	220	22	18	01	1	1	Ci	8.6	22	29	3
		EZBEKIYA	00	0	18	00	0	3	Ci	8.7	23	34	6
		GIZA	00	0	18	00	0	3	Ci	9.4	24	32	6
	378	HELWAN	200	12	35	01	1	3	Ci	9.1	21	33	4
Upper Egypt	[illegible]	FAIYUM	290	4	35	01	1	1	Ci	10.8	22	36	6
	387	MINYA	300	7	10	02	1	2	Ci	10.5	23	26	2
	393	ASYUT Manqabad	290	8	30	03	0	1	Ci	10.6	23	29	4
	399	NAG HAMMADI	00	0	7	00	0	0	—	10.2	24	53	14
	402	QENA	240	3	50	00	0	0	—	8.8	26	42	12
	405	LUXOR											
	414	ASWAN	00	0	50	00	0	0	—	7.8	31	33	13
Oases	417	SIWA	270	22	12	00	0	0	—	14.2	16	49	5
	420	BAHARIYA											
	423	FARAFRA	290	22	35	07	3	0	—	13.6	19	46	7
	432	DAKHLA	320	8	50	00	0	0	—	10.2	23	18	-3
	435	KHARGA	360	4	35	00	0	0	—	10.8	25	22	2
Red Sea	[illegible]	SUEZ	180	3	50	01	0	3	Cu,Ac	7.6	24	38	9
	[illegible]	TOR	220	25	50	00	0	0	—	8.8	25	84	22
		HURGHADA	90	9	30	03	1	3	Cb,Ci	6.7	26	70	20
	[illegible]	QUSEIR	140	13		01	1	0	—	9.5	25	94	24
	[illegible]	PORT SUDAN											
Sudan	[illegible]	WADI HALFA	340	5	50	02	0	0	—	6.7	31	22	7
	[illegible]	ABU HAMAD	40	2	30	01	1	0	—		33	24	10
	[illegible]	KAREIMA	50	5	30	02	0	0	—	5.1	34	25	11
	[illegible]	ATBARA	50	9	30	01	0	1	Ci	3.8	33	20	7
	[illegible]	KHARTUM	50	7	30	03	0	3	Ci	3.6	35	18	7
	[illegible]	KASSALA											
		WAD MEDANI											
		RENK											
		ROSEIRES											
		EL OBEID	20	7	30	03	1	4	Ci	3.0	34	12	1
		EL FASHER											
		GENEINA	80	3	30	03	2	7	Cs		32	11	-2
		MALAKAL	130	3	30	02	2	8	Cs	2.3	37	13	5
		WAU	90	1	30	02	2	8	Ac,Cs	3.2	35	23	11
		JUBA	50	5	30	03	2	8	Cu,Cs	1.2	37	22	11

At 1800 on Friday 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	270	17	8	01	0	0	—	10.0	15	42	2	0
MATRUH	310	10	8	80	2	5	Cu,Sc	10.2	13	82	10	2
EL DABA	290	7	7	00	0	0	—	10.0	14	55	5	0
ALEXANDRIA	220	22	35	02	5	4	Cb,Ac	9.5	16	49	5	dr.
FOUAD (Airport)	270	14	12	01	8	2	Sc	9.6	16	52	6	R.
DAMIETTA	220	2	7	00	0	0	—	9.3	14	55	5	0
PORT SAID	260	15	14	02	0	0	—	9.3	16	59	8	0
EL ARISH												
DAMANHUR	270	13	7	02	0	0	—	10.3	12	77	8	0
MANSURA	40	5		00	1	0	—	11.0	13	67	7	0
TANTA												
ZAGAZIG	220	2	35	02		0	—	10.6	13	88	11	0
ISMAILIA	270	5	35	01	0	0	—	10.7	15	59	7	0
FAROUK (Airport)	250	14	13	00	0	0	—	11.4	14	48	3	0
ALMAZA	280	16	12	00	1	0	—	11.1	15	48	4	0
EZBEKIYA	250	3	12	00	0	0	—	11.2	15	48	4	0
GIZA	250	3	12	00	0	0	—	11.6	12	63	5	0
HELWAN	250	8	7	01	1	0	—	11.9	15	30	-3	0
FAIYUM	00	0	35	01	0	0	—	13.0	14	48	3	0
MINYA	00	0	8	00	1	0	—	14.1	12	44	0	0
ASYUT Manqabad	280	2	8	00	0	0	—	13.5	12	59	4	0
NAG HAMMADI	00	0	8	00	0	4	Ac	12.0	17	60	9	0
QENA	240	3	7	00	0	0	—	11.8	20	46	8	0
LUXOR	00	0	30	02	1	3	Cu,Cc	10.4	21	28	2	0
ASWAN	00	0	50	00	0	0	—	9.1	25	47	13	0
SIWA												
BAHARIYA	270	3	15	02	0	0	—	13.8	12	55	3	0
FARAFRA												
DAKHLA	340	11	50	00	0	0	—	15.4	15	39	1	0
KHARGA	360	1	15	00	0	0	—	13.5	19	30	1	0
SUEZ												
TOR	310	12	35	00	0	0	—	9.8	23	44	10	0
HURGHADA												
QUSEIR	140	13	15	02	1	0	—	8.5	25	95	25	0
PORT SUDAN	110	1	18	03	1	3	Sc	10.6	26	74	21	0
WADI HALFA	360	14	50	01	0	0	—	9.1	25	22	2	0
ABU HAMAD	350	3	30	02	0	0	—		26	30	7	0
KAREIMA	00	0	30	02	0	0	—	6.7	26	32	8	0
ATBARA	360	2	30	02	0	0	—	5.9	25	36	9	0
KHARTUM	20	4	30	01	1	2	Ci	6.1	27	30	8	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	3	30	01	1	3	Ac	3.8	27	22	3	0
EL FASHER	80	1	30	01	1	3	Ci		25	28	5	0
GENEINA	00	0	30	01	1	3	Cs		24	26	3	0
MALAKAL	180	6	30	01	2	4	Ci	4.5	29	25	7	0
WAU	360	2	30	02	0	0	—	4.3	29	33	11	0
JUBA	00	0	30	01	2	0	—	3.8	28	42	14	0

At 0600 on Saturday 6th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	13	15	03	2	5	Cs	11.5		8			6		46	-3	0	84	
SIDI BARANI	250	6	14	00	0	7	Cu,Ac	10.6		9	18		7		40	-4		77	
MATRUH	250	22	12	03	2	6	Cu	10.8	-7.8	9	17		8		67	-2	2	40	
EL DABA	320	10	15	01	1	3	Cu	10.7		9	19		7		82	6	0	32	
ALEXANDRIA	220	22	50	01	5	3	Cu	9.1	-9.9	10	18	-1	9	-2	50	0	dr.	19	107
FOUAD (Airport)	220	13	12	03	0	2	Cb	9.2		10	19		10		58	2	Rain	Rain	77
DAMIETTA	220	5	7	00	0	0	—	10.0	-8.0	9	20		6		62	2	0	45	45
PORT SAID	250	23	14	02	0	1	Cu	9.7	-8.0	11	21		10		63	4	0	2	
EL ARISH																			36
DAMANHUR	270	19		02	0	0	—	10.7	-7.9	8	22	+2	6	-2	58	0	0	2	40
MANSURA	320	9	35	00	0	0	—	10.4	-8.1	7	22	+2	6	-2	57	-1	0	dr.	18
TANTA																			15
ZAGAZIG											22	+2							10
ISMAILIA	250	2	35	01	0	0	—	11.9		10	24		10		62	3	0	1	
FAROUK (Airport)	200	10	18	03	1	2	Sc,Cu	12.4		9	22		8		50	-1	0	0	
ALMAZA	210	16	15	00	0	0	—	13.0	-6.4	9	22		8		62	2	0	0	
EZBEKIYA	00	0	12	00	0	0	—	12.8	-6.6	10	23	+3	9	+1	54	1 ?	0	dr.	9
GIZA	00	0	12	00	0	0	—	13.4	-6.2	10	24	+5	7	+1	38	-4	0	dr.	11
HELWAN	140	9	7	00	0	0	—	14.3	-5.3	7	22	+3	7	-2	71	2	0	dr.	10
FAIYUM	00	0	35	02	0	0	—	15.5	-3.9	7	23	+2	4	-2	71	2	0	0	3
MINYA	10	3	8	02	1	2	Ci	15.5	-4.4	7	23		6		62	0	0	0	
ASYUT Manqabad	360	3	6	10	1	1	Ci	15.8	-4.4	9	23		8		71	4	0	dr.	
NAG HAMMADI	00	0		03	2	0	—			16	27		10		56	7	0	0.1	
QENA	320	3	7	00	0		Cc	13.5	-5.6	15	27	+4	12		48	4	0	0	
LUXOR	350	3	30	03	1	4	Sc	13.7	-5.6	14	28		13		48	3	0	0	
ASWAN	350	8	50	01	1	3	Ac	13.2	-5.9	15	32	+9	15	+4	55	6	0	0	
SIWA																			5
BAHARIYA	180	4	35	03	2	2	Ac	15.1	-5.2	7	20	0	2	-3	71	2	0	0	4
FARAFRA																			
DAKHLA	00	0	50	01	1	6	Ci	17.2	-3.4	9	23	+1	7	+2	47	-2	0	0	
KHARGA	00	0	15	00	0	3	Ac	15.8	-3.6	12			10	+4	55	3	0	0	
SUEZ																			9
TOR	310	16	35	00	0	0	—	10.7	-7.3	16	27	+6	16	+7	59	8	0	4	7
HURGHADA																			
QUSEIR	330	9	15	00	0	5	Ci	9.9	-7.8	19	27	+4	19	+5	46	7	0	0	4
PORT SUDAN	290	1	14	03	1	1	Cu	10.2		24	29		21		79	20	0	Rain	85
WADI HALFA											32								
ABU HAMAD											34								
KAREIMA	00	0	30	02	0	0	—	10.0		20	35		17		49	9	0	dr.	1
ATBARA	360	5	10	05	0	0	—	8.3		21	34		16		57	12	0	0.3	2
KHARTUM	320	6	14	02	0	1	Ci	7.4		23	36		10		41	9	0	dr.	4
KASSALA	00	0	14	02	0	0	—	7.4		20	37		12		64	13	0	dr.	8
WAD MEDANI	110	2	15	02	0	0	—	7.6		20	36		16		53	10	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID											35								16
EL FASHER											35								6
GENEINA											35								4
MALAKAL											38								88
WAU											35								143
JUBA											38								144

HUMIDITY

	5th	
[illegible]	65	-1
[illegible]	54	-15
[illegible]	57	-17
[illegible]	40	-18

GIZA

On 6th 3.5

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Airport — On ... At ...

Pressure mbs	Height above M.S.L. metres	Temp °C	Humid. %	Wind Dir	Wind Vel
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On ... At ...

Pressure mbs	Height above M.S.L. metres	Temp °C	Humid. %	Wind Dir	Wind Vel
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On ... At ...

Pressure mbs	Height above M.S.L. metres	Temp °C	Humid. %	Wind Dir	Wind Vel
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

Station	S.Barani		Fouad A.P.		P. Said		Arish		Farouk A.P.		Minya		Luxor		Asyut				Siwa		Dakhla				Hurghada	
Time	14		14		14		15		14	30	14		14	45	14				14		14				14	30
Height	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300	300	27	260	23	240	21	200	17	260	23	330	20	240	4	310	18			280	25	330	19			140	10
600	290	22	260	26	240	26	210	19	260	26	340	25	300	4	310	17			290	26	330	14			90	3
1000	280	19	260	23	250	31			250	27	340	13	310	5	300	16			290	14	310	19			270	4
1500	280	23	270	22			270	24	240	30					280	24			300	25	280	16			240	11
2000			270	43			240	3	220	33			240	17	250	28			280	28					220	23
3000			270	49											240	37			280	37					260	30
4000			260	43																						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

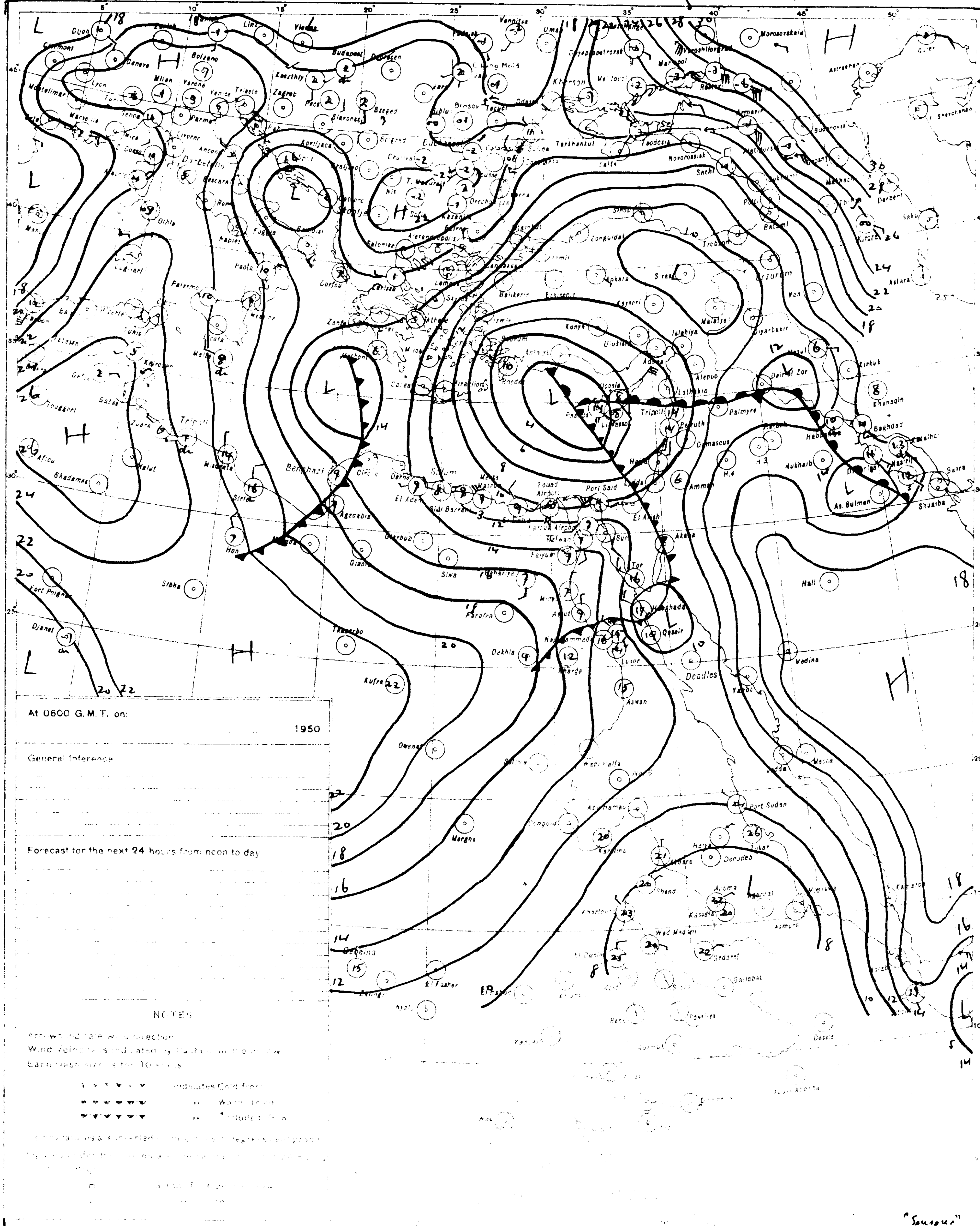
Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time													2								8			
Height m.	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300													300	34							140	9		
600													300	28							150	14		
1000													300	19							270	3		
1500																					230	18		
2000																					220	23		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wad Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time																								
Height m.	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel	Dir	Vel
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres ... 1.15 ...).
3. Present weather, Past weather, Form and amount of cloud ... explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G.M.T.

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 6/1/ 1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction
Wind velocity is indicated by flashes on the arrow
Each flash stands for 10 knots

▼▼▼▼▼▼ indicates Cold front
●●●●●● „ Warm front
▼●▼●▼● „ Occluded front

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	„ or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	„ „ hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
„ „ hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
„ „ hail		96
„ „ Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus		8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	

AMOUNT OF CLOUD

Cloudless

CAIRO

Time of Sunrise 04 52 G. M. T.
" " Sunset 15 10 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Sunday 7th January, 1950

At 1200 on Saturday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	320	9	35	20	8	6		11.1	16	59	8
	303	SÎDI BARÂNI	260	2	12	82	8	7	Cb,Ac	10.7	16	72	11
	306	MATRÛH	280	14	8	82	8	7	Cb,Sc	11.8	15	72	10
	309	EL DABʿA	320	10	35	03	2	8	CbSc		16	59	8
		ALEXANDRIA	310	16	50	03	8	5	Cb	8.2	15	77	11
	318	FOUAD (Airport)	260	11	12	81	8	8	Cb	8.3	14	77	11
	330	DAMIETTA	220	19	7	02	0	6	Cb	8.1	17	60	9
	333	PORT SAʿÎD	250	22	6	07	0	7	Sc	7.5	16	52	6
	336	EL ʿARISH	160	37	35	02	8	0	—	9.5	18	43	5
Lower Egypt	339	DAMANHUR	310	13		82	8	8	Cb,Sc	9.5	18	52	8
	342	MANSURA	270	9	35	02	1	4	Cu	8.7	18	37	3
	348	TANTA	270	18	35	03	2	6	Cu,Sc	9.6	18	52	8
	354	ZAGAZIG	220	6	35	02	2	4	Ac	8.8	17	52	7
	440	ISMAʿILIA	250	24	3	06	2	8	Cu,Sc	9.5	17	34	1
Cairo Area	366	FAROUK (Airport)	250	28	3	07	0	0	—	10.6	18	19	-6
	372	ALMAZA	260	20	15	00	0	0	—	10.0	17	34	1
		EZBEKIYA	270	9	18	00	0	1	Ci	10.3	18	28	-1
		GÎZA	270	9	18	00	0	1	Ci	11.0	18	28	-1
	378	HELWÂN	220	13	15	02	0	0	—	10.7	16	24	-5
Upper Egypt	381	FAIYÛM	270	8	35	02	0	0	—	12.0	18	28	-1
	387	MINYA	360	11	10	02	1	1	Ci	13.1	18	49	7
	393	ASYÛT MANQABÂD	320	9	15	01	2	1	Ci	12.7	17	30	-1
	399	NAGʿ HAMMADI	270	2	7	01	0	4	Ac	13.0	21	42	7?
	402	QENA	290	3	35	03	1	6	Cu,Ac	11.4	19	30	1
	405	LUXOR	360	8	12	02	2	4	Ac	11.3	18	30	0
	414	ASWÂN	360	5	50	01	1	3	Ci	10.5	21	18	-4
Oases	417	SÎWA	270	18	12	01	0	2	Ci	14.4	15	68	9
	420	BAHARIYA	290	5	35	02	0	0	—	13.3	18	20	-5
	423	FARAFRA	260	17	35	02	1	0	—	14.7	18	28	-1
	432	DAKHLA	340	12	50	00	0	0	—	14.4	17	18	-8
	435	KHARGA	360	6	15	02	1	1	Ac	14.4	18	28	-1
Red Sea	450	SUEZ	220	4	50	01	0	0	—	9.6	19	16	-8
	459	TÔR	310	17	50	00	0	0	—	9.4	18	46	6
	462	HURGHÂDA	290	20	18	02	2	7	Ac	7.2	20	33	3
	465	QUSEIR	330	9	15	03	2	6	As	9.3	24	35	9
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	320	19	10	02	0	0	—	11.0	23	18	-3
	640	ABU HAMAD	300	4	30	02	0	0	—		32	24	9
	660	KAREIMA	50	6	30	02	0	0	—	5.6	33	17	5
	680	ʿATBARA	50	5	30	02	0	0	—	3.8	34	22	9
	721	KHARTÛM	340	9	30	02	0	0	—	3.8	35	18	7
	730	KASSALA	310	4	30	02	0	0	—	1.3	37	22	12
Central Sudan	[illegible]	WÂD MEDANI	360	9	35	02	1	3	Ci	3.5	35	22	10
	801	RENK											
	802	ROSEIRES	230	9	35	02	0	0	—		37	20	11
	[illegible]	EL OBEID	360	10	30	02	1	3	Cs	2.1	35	10	-1
	[illegible]	EL FÂSHER	140	1	50	03	1	3	Cs		35	18	7
	770	GENEINA	70	8	30	02	0	0	—		33	8	-6
South Sudan	840	MALAKÂL	230	2	30	03	2	8	As,Cs	2.9	36	20	10
	880	WÂU	20	5	30	02	2	8	Cs	2.6	36	19	9
	941	JUBA	50	5	30	03	2	8	Cu,Cs	2.3	35	35	17

At 1800 on Saturday 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	290	13	15	01	1	3	Cb	13.0	14	55	5	dr.
SÎDI BARÂNI	330	15	10	01	6	3	Cu,Sc	12.5	15	55	6	18
MATRÛH	300	17	12	02	2	4	Cu	12.7	15	59	7	R.
EL DABʿA	290	8	7	02	2	5	Sc,Cu	11.4	13	41	0	0
ALEXANDRIA	310	24	35	02	8	8	Cb	10.3	11	88	9	11
FOUAD (Airport)	250	10	10	81	8	6	Cu,Sc	9.8	12	95	12	12
DAMIETTA	220	13	3	82	8	7	Cu,Sc	8.4	12	88	10	R.
PORT SAʿÎD	260	24	14	02	8	2	Cu,Sc	8.6	13	83	10	1
EL ʿARISH												
DAMANHUR	310	9	3	82	8	8	Cb	10.6	12	88	10	7
MANSURA	270	9	3	82	8	8	Cb	10.3	12	88	10	2
TANTA	270	5	7	03	6	8	Cb	11.6	12	77	8	1
ZAGAZIG	00	0	35	02	2	0	—	11.6	13	88	11	0
ISMAʿILIA	270	1	3	82	8	8	As	10.6	14	77	10	dr.
FAROUK (Airport)	250	15	12	00	0	0	—	11.3	15	39	1	0
ALMAZA	250	16	10	01	2	3	Sc	11.3	15	39	1	0
EZBEKIYA	270	6	12	00	0	4	Ci	11.2	14	39	0	0
GÎZA	270	6	12	00	0	4	Ci	12.2	12	55	3	0
HELWÂN	270	4	7	02	1	6	Cs	11.6	13	29	-3	0
FAIYÛM	00	0	35	02	0	0	—	12.8	12	55	3	0
MINYA	250	2	8	00	1	0	—	14.1	9?	34	-6	0
ASYÛT MANQABÂD	250	5	8	00	0	0	—	14.4	10	35	-5	0
NAGʿ HAMMADI	00	0	3	01	0	3	As	14.6	14	77	10	0
QENA	290	3	7	01	1	5	Cu,Ci	13.3	12	55	3	0
LUXOR	320	3	12	00	0	0	—	13.4	13	24	-7	0
ASWÂN	350	3	50	00	0	0	—	13.5	18	28	-1	0
SÎWA	280	9	10	00	1	0	—	15.5	14	48	3	0
BAHARIYA	270	2	15	02	0	0	—	15.4	10	62	3	0
FARAFRA	320	4	15	02	1	4	Ac	15.5	13	67	7	0
DAKHLA	340	16	50	00	0	0	—	15.9	14	39	0	0
KHARGA	360	1	15	00	0	0	—	15.6	14	77	10	
SUEZ	220	3	15	03	0	3	Sc	11.0	16	32	-1	0
TÔR	40	12	35	00	0	0	—	11.4	15	48	4	0
HURGHÂDA	260	16	10	00	2	0	—	9.9	15	39	1	0
QUSEIR	310	9	15	01	1	0	—	10.7	20	41	6	0
PORT SUDÂN	170	5	30	03	1	1	Sc	7.8	25	83	22	0
WÂDI HALFA	340	18	10	02	0	0	—	13.5	17	28	-2	0
ABU HAMAD	340	8	30	02	0	0	—		25	24	3	0
KAREIMA	360	13	30	02	0	0	—	8.4	25	22	2	0
ʿATBARA	360	2	30	02	0	0	—	6.8	25	39	10	0
KHARTÛM	320	10	30	02	0	0	—	6.5	29	20	5	0
KASSALA	350	2	30	02	0	0	—	5.8	25	47	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	5	30	02	1	0	—	6.6	25	19	0	0
EL FÂSHER												
GENEINA												
MALAKÂL	180	3	30	01	2	7	As,Cs	5.6	29	40	14	0
WÂU												
JUBA	340	2	30	01	2	6	Cs	5.2	28	52	17	0

At 0600 on Sunday 7th January,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	01	2	5	Sc	14.4		12	16		7		77	8	dr.	84	
SÎDI BARÂNI	310	15	12	00	0	6	Sc	13.9		15	16		8		63	8	18	95	
MATRÛH	260	14	13	03	2	6	Sc	13.4	-5.2	10	19		8		76	6	Rain	Rain	
EL DABʿA	270	8	15	02	2	6	Sc	11.9		11	17		9		77	7	0	22	
ALEXANDRIA	310	22	35	02	8	8	Cu,Sc	10.8	-8.2	14	15	-4	12	+1	77	10	15	34	109
FOUAD (Airport)	300	16	12	81	8	8	Cu,Sc	10.3		15	14		11		68	9	26	Rain	78
DAMIETTA	220	5	7	01	8	3	Sc	9.5	-8.5	11	17		8		95	11	Rain	Rain	46
PORT SAÎD	260	17	12	02	2	7	Cu,Sc	8.9	-8.8	12	17		11		88	10	1	3	
EL ʿARISH	220	24	35	01	2	6	Sc	9.6	-9.0	12			10	+3	77	8	0	Rain	37
DAMANHÛR	230	9		01	8	2	Sc	11.1	-7.5	12	18	-2	8	0	88	10	14	16	41
MANSÛRA	270	5	35	02	8	4	Cu,Sc			12	18	-2	10	+2	77	8	8	8	18
TANTA	270	2	7	03	8	8	Sc	11.8	-7.4	11	18	-2	7	0	88	9	4	7	15
ZAGAZIG	220	2	35	20	8	8	Sc	11.6	-7.5	10	18	-2	7	0	95	10	Rain	Rain	11
ISMAÎLIA	250	9	35	01	2	7	Ac	10.8		12	17		10		77	8	dr.	1	
FAROUK (Airport)	200	17	10	81	8	6	Ac	12.1		10	18		10		88	8	dr.	dr.	
ALMÂZA	200	13	10	20	8	6	Ac	11.9	-7.5	11	18		10		83	8	1	1	
EZBEKÎYA	00	0	12	25	8	5	Ac	12.4	-7.0	12	19	-1	10	+2	72	7	dr.	dr.	10
GÎZA	00	0	12	25	8	5	Ac	12.7	-6.9	12	18	-1	9	+3	63	5	dr.	dr.	11
HELWÂN	160	8	7	00	2	7	Ac	13.1	-6.5	10	18	-1	9	0	77	6	0	dr.	10
FAIYÛM	00	0	35	03	1	1	Ac	13.8	-5.6	9	19	-2	7	+1	88	7	0	0	3
MINYA	280	1	8	03	2	6	Ac	15.3	-4.6	10	18		4		67	4	0	0	
ASYÛṬ MANQABÂD	260	6	8	01	0	6	Sc	15.6	-4.7	9	18				83	6	0	dr.	
NAGʿ HAMMÂDI	00	0		00	0	0	—	15.4	-4.4	11	21		10		63	4	0	0.1	
QENA	320	2	15	00	0	0	—	15.4	-3.7	8	20	-3	5	-2	46	-3	0	0	
LUXOR	220	6	30	00	0	0	—	15.2	-4.1	10	21		4		28	-8	0	0	
ASWÂN	00	0	50	00	0	0	—	16.9	-2.2	14	23	0	9	-1	52	4	0	0	
SÎWA	270	8	11	03	2	6	Sc	17.5	-2.0	8	17	-5	8	+2	88	6	0	0	5
BAHARÎYA	270	6	35	02	2	7	Ac	16.4	-3.9	12	18	-2	8	+3	63	5	0	0	4
FARAFRA	290	15	35	02	2	8	Sc	17.0		11			6		63	4	0	dr.	
DAKHLA	340	16	50	00	0	0	—	17.6	-3.0	8	18	-4	7	+2	71	3	0	0	
KHARGA	00	0	35	00	0	0	—	17.1	-2.4	8	19	-3	4	-2	46	-3	0	0	
SUEZ	00	0	35	00	2	6	Sc	11.8	-7.1	14	22	+2	14	+4	77	10	0	0	9
ṬÔR	40	8	50	00	0	0	—	12.3	-5.7	10	23	+2	8	-1	62	3	0	4	7
HURGHADA	240	9	30	03	0	1	Sc	11.7	-6.4	13	20		8		48	2	0	0	
QUSEIR	270	9	15	02	0	0	—	12.7	-5.0	14	27	+4	13	-1	48	3	0	0	4
PORT SÙDÂN											29								85
WÂDI HALFA	10	3	30	07	0	0	—	16.8		11	23		8		24	-9	0	dr.	
ABU ḤAMAD	340	10	10	02	0	0	—			16	33		13		24	-5	0		
KAREIMA	360	17	7	07	0	0	—	13.8		15	34		13		25	-5	0	dr.	1
ʿATBARA	340	13	7	07	0	0	—	11.3		19	34		17		21	-4	0	0.3	2
KHARTÛM	350	13	30	02	0	0	—	11.4		18	36		17		24	-3	0	dr.	4
KASSALA	00	0	30	02	0	0	—	8.7		20	37		14		69	14	0	dr.	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES	360	5	35	02	0	0	—			21	39		18		50	10	0	0	36
EL OBEID	360	11	30	02	0	0	—	12.8		17	36		15		22	-5	0	6	16
EL FÂSHER	50	2	30	03	2	8	Cs			14	35		13		36	-1	0	6	6
GENEINA	20	9	30	03	1	3	Cs			14	34		13		32	-3	0		4
MALAKÂL	20	12	30	03		8	As,Cs	8.1		27	38		21		28	7	0	70	88
WÂU																			143
JUBA											36								144

HUMIDITY
Mean of day

Station	On 6th	Diff. from normal
Alexandria	64	-2
Ezbekiya	39	-30
Giza	38	-36
Helwan	41	-17

GIZA
GRASS MINIMUM TEMP.
ON 7th 8.0

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

AIRPORT — On 6th At 1500

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	87	16	39	270	19
950					
900					
850	1443	7	66	270	29
800					
700	3020	-2		270	29
600					
500	5603	-20		270	40
400	7230	-28			
300	9233	-41			

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 6th

Station	S.Barani	Minya	Asyut	Siwa	Dakhla	Hurghada
Time	14	14	14	14	14	14
Height m (Dir. Vel.)						
300	330 18	280 25	300 19	300 24	310 22	310 24
600	330 21	270 20	300 22	310 27	310 21	320 23
1000	330 19	270 16	290 21	310 27	300 18	300 32
1500		280 15	290 18	330 31	290 20	290 23
2000		270 28	280 30	340 43		260 31
3000			270 30	330 16		
4000			270 43	330 30		
5000			260 74			
6000						
7000						
8000						

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni	Matrûh	Fouad Airport	Port Saîd	El Arîsh	Helwân	Minya	Asyût Manqabâd	Luxor	Aswân	Hurghada	
Time						6 30	2					
Height m. (Dir. Vel.)												
300						180 8	300 17					
600						270 12	300 17					
1000						280 23	320 25					
1500						290 25	310 30					
2000												
3000												
4000												
5000												
6000												
7000												
8000												

Station	Sîwa	Baharîya	Dakhla	Kharga	Wâdi Halfa	Abu Hamad	Kareima	Khartûm	Kassala	El Obeid	El Fâsher	Malakâl
Time					5	5	5	4		4 30	5	4
Height m (Dir. Vel.)												
300					10 12							
600					360 23	360 33	360 26					10 15
1000					360 32	360 25	10 24	360 24		360 30	30 13	20 15
1500					350 19	330 11	10 17	350 8		90 1	350 6	40 13
2000					320 24			250 7		320 11		
3000					270 44		300 18	250 20		230 11	270 8	
4000							290 17			240 21		
5000												
6000												
7000												
8000												

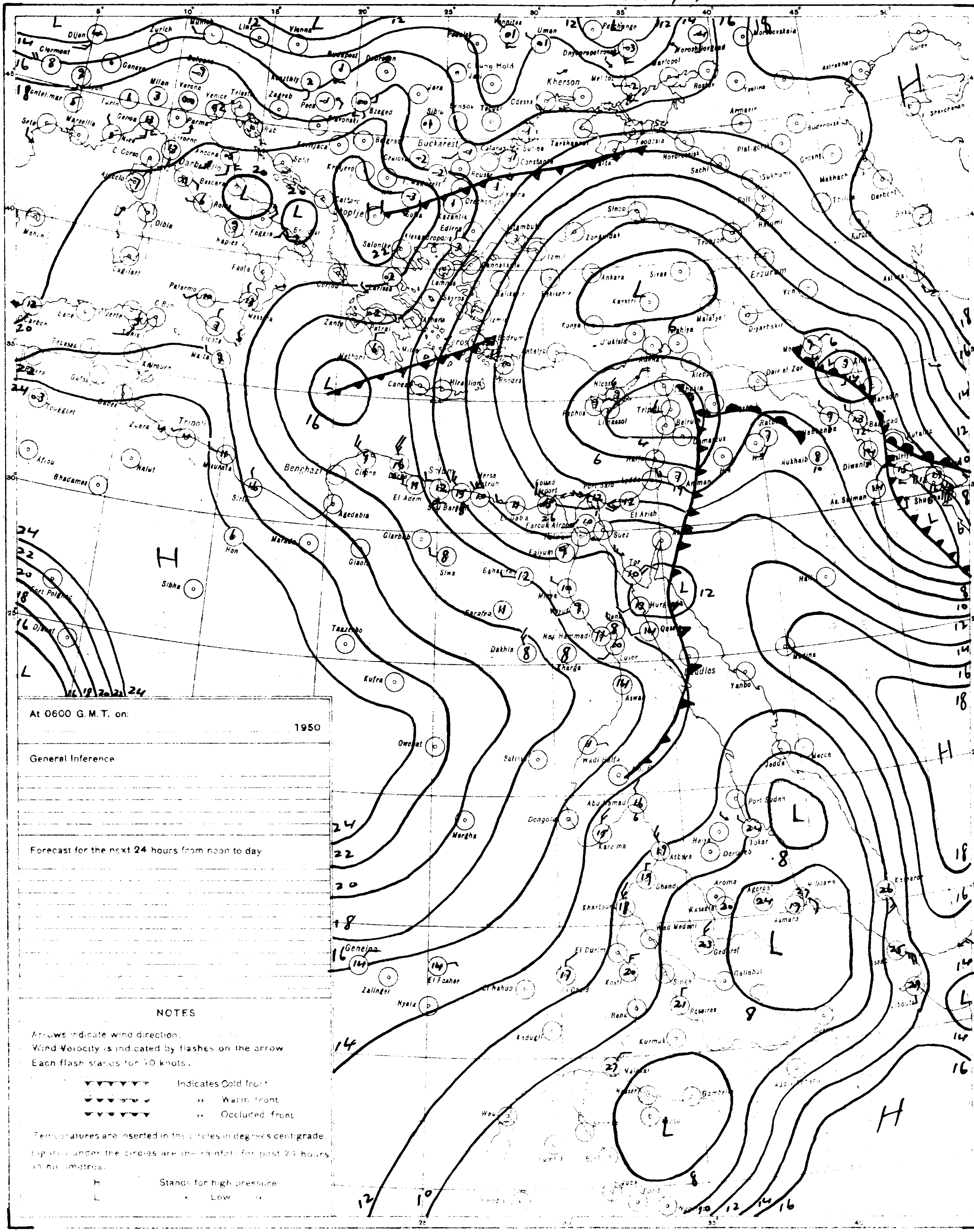
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres = 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Annual Subscription [illegible]

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 7-1-1950*



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front

●●●●●● " Warm front

▼●▼●▼● " Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure

L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 " " "	2
3/8 " " "	3
4/8 " " "	4
5/8 " " "	5
6/8 " " "	6
7/8 " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

SCALE 1:13,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Time of Sunrise 04 52 G.M.T.
" Sunset 15 11 G.M.T.

Date: Monday 8th January, 1950

At 1200 on Sunday 7th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew point °C
Mediterranean	62300	SALUM	320	13	35	02	2	5	cu	14.4	17	52	7
	304	SIDI BARANI	330	15	10	01	2	7	cu,Sc	13.5	16	59	8
	306	MATRUH	320	18	14	02	2	5	cu	12.5	17	56	8
	309	EL DABA	320	10	35	03	2	6	Sc		17	52	7
		ALEXANDRIA	310	19	35	03	8	5	cb	9.8	16	68	10
	318	FOUAD (Airport)	280	15	10	27	8	7	cu,Sc	9.8	17	64	10
	330	DAMIETTA	320	15		03	2	6	cu,Sc	8.6	16	59	8
	333	PORT SAID	290	9	30	25	8 (?)	7	cu,Sc	7.3	17	68	11
	336	EL ARISH											
Lower Egypt	338	DAMANHUR	330	15		81	8	8	cb	9.8	14	77	10
	342	MANSURA	320	9	15	92	8	6	cb	9.8	14	77	10
	345	TANTA	00	0	7	03	8	8	cb	10.1	16	77	12
	354	ZAGAZIG	00	0	35	20	8	7	cu	10.6	14	88	12
	440	ISMAILIA	270	13	15	03	2	8	as	9.6	17	52	7
Cairo	366	FAROUK (Airport)	250	15	12	02	8	7	Sc	11.5	16	59	8
	370	ALMAZA	230	12	12	03	2	7	cu,Sc	11.0	16	24	-5
		EZBEKIYA	270	9	18	25	6	8	ac Cs	10.7	18	46	6
		GIZA	270	9	18	25	6	8	ac Cs	11.5	18	46	6
	378	HELWAN	00	0	35	20	8	8	cu,Sc	11.6	14	77	10
Upper Egypt	381	FAIYUM	360	2	35	20	8	8	ac	12.7	18	46	6
	387	MINYA	300	11	10	02	2	4	Sc	13.8	19	26	1
	393	ASYUT MANQABAD	280	14	18	02	2	7	cu,Sc	13.2	18	37	3
	399	NAG HAMMADI	290	3	7	01	0	0	—	14.1	19	64	12
	402	QENA	290	3	50	02	1	3	cu	12.6	18	46	6
	405	LUXOR	310	13	30	03	2	4	cu	12.9	19	37	4
	414	ASWAN	320	6	50	00	0	0	—	13.0	18	28	-1
Oases	417	SIWA	270	18	12	03	1	5	cu	17.5	18	56	9
	420	BAHARIYA	320	6	35	02	2	7	ac	15.6	17	42	4
	423	FARAFRA	290	18	35	01	3	0	—	17.8	18	40	4
	432	DAKHLA	340	16	50	00	0	0	—	16.2	17	34	1
	435	KHARGA	320	4	15	03	2	5	cu	14.3	18	43	5
Red Sea	450	SUEZ	270	5	15	01	1	4	cb	9.6	18	46	6
	459	TOR	310	13	50	00	0	0	—	11.0	19	52	9
	462	HURGHADA	250	16	30	02	1	3	cb	9.6	20	35	4
	465	QUSEIR	270	13	15	02	0	0	—	11.6	21	50	10
	641	PORT SUDAN	20	16	10	01	0	1	cu		27	62	19
Northern Sudan	600	WADI HALFA	340	16	50	02	0	0	—	14.8	19	32	2
	640	ABU HAMAD	360	10	10	02	0	0	—		23	8	-14
	660	KAREIMA											
	680	ATBARA	340	13	7		0	0	—	8.2	27	12	-5
	721	KHARTUM											
	730	KASSALA	310	5	30	02	0	0	—	3.9	34	20	8
Central Sudan	751	WAD MEDANI	50	9	35	02	0	7	—		30	19	4
	801	RENK	310	13	35	02	1	3	ci	4.3	32	21	7
	802	ROSEIRES	310	9	35	02	1	0	—	3.4	35	22	10
	771	EL OBEID											
	760	EL FASHER	20	6	18	02	2	9	Cs		27	20	2
	770	GENEINA											
Southern Sudan	840	MALAKAL	50	10	30	02	2	8	ac,Cs	3.9	35	13	3
	880	WAU											
	941	JUBA	300	2	30	02	2	8	Cs	2.2	35	25	12

At 1800 on Sunday 7th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms.
SALUM	290	5	15	01	1	2	Sc,Cu	16.2	13	67	7	0
SIDI BARANI	320	11	10	01	1	2	cu	16.5	15	63	8	0
MATRUH	330	16	12	02	2	2	cu	14.5	15	59	7	0
EL DABA	320	10	7	01	1	3	cu	13.0	16	59	8	0
ALEXANDRIA	310	20	35	02	6	4	Sc,Cu	12.4	15	59	7	5
FOUAD (Airport)	320	15	10	80	6	2	cu	12.0	15	59	7	2
DAMIETTA	320	2	1.5	13	2	5	cu,Sc	10.2	15	68	9	0
PORT SAID	260	14	12	13	8	6	cu,Sc	9.5	13	82	10	0.3
EL ARISH												
DAMANHUR	270	5	7	02	•	2	cu	11.8	12	88	10	Rain
MANSURA	320	5		00	6	0	—	11.6	12	77	8	10
TANTA	00	0	35	01	6	3	Sc	12.0	11	88	9	7
ZAGAZIG												
ISMAILIA	270	9	15	64	6	8	ac	11.5	11	95	11	7
FAROUK (Airport)	290	10	10	82	8	8	cb	12.8	11	95	11	dr.
ALMAZA	340	12	10	82	8	7	cb	12.4	14	77	10	dr.
EZBEKIYA	270	7	12	60	6	7	ci	12.7	14	67	8	0.1
GIZA	270	7	12	60	6	7	ci	12.4	14	67	8	2
HELWAN												
FAIYUM	00	0	35	20	8	8	ac	13.8	15	59	7	dr.
MINYA	270	3	8	00	2	0	—	15.2	12	51	2	0
ASYUT MANQABAD	280	2	8	03	2	6	Sc	15.5	14	48	3	0
NAG HAMMADI	00	0		01	0	4	ac	14.9	14	55	5	0
QENA	320	2	7	01	1	3	cu	14.7	15	48	4	0
LUXOR												
ASWAN	350	5	50	00	0	0	—	15.2	14	48	3	0
SIWA												
BAHARIYA												
FARAFRA	290	8	15	01	3 (?)	0	—	17.5	12	63	5	0
DAKHLA	340	16	50	00	0	0	—	18.4	13	34	-3	0
KHARGA	360	2	15	00	0	0	—	15.1	12	55	3	0
SUEZ												
TOR	40	6	35	00	0	0	—	12.2	16	49	5	0
HURGHADA	240	12	10	02	1	1	Sc,Cu	11.6	14	36	-1	0
QUSEIR	310	13	15	02	0	0	—	12.0	18	52	8	0
PORT SUDAN	340	14	10	03	1	7	ac	11.6	24	65	17	0
WADI HALFA	320	13	50	02	0	0	—	17.1	15	32	-2	0
ABU HAMAD	310	8	30	02	0	0	—		17	22	-5	0
KAREIMA	20	3	30	02	0	0	—	15.1	17	28	-2	0
ATBARA												
KHARTUM	340	14	30	02	0	2	ci	12.4	21	12	-10	0
KASSALA	340	3	30	02	0	0	—	8.5	24	30	5	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	13	30	01	1	0	—	12.2	21	13	-9	0
EL FASHER	30	5	30	01	2	4	ci		21	21	-2	0
GENEINA	50	11	30	01	1	3	ci		20	12	-11	0
MALAKAL	350	4	30	02	0	8	Cs	6.5	27	37	11	0
WAU	50	2	30	02	2	1	Cs	6.1	27	42	13	0
JUBA	00	0		[illegible]	2	7	—	4.5	28	40	13	0

At 0600 on Monday 8th January,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	03	2	7	Sc,Cu	18.7		12	18		9		88	10	0	84	
SIDI BARANI	330	8	12	00	0	4	cu,ac	17.8		15	17		15 (?)		68	9	0	95	
MATRUH	230	8	12	03	1	7	cu,ac	17.4	-1.2	11	18		10		88	9	0	Rain	
EL DABA	270	5	15	02	1	4	cu				18		10			7	0	32	
ALEXANDRIA	310	10	50	01	6	3	cu	17.4	-1.6	15	17	-2	12	+1	59	7	5	39	110
FOUAD (Airport)	300	3	18	02	1	3	cu	16.5		14	17		14		59	6	2	Rain	79
DAMIETTA	220	2	7	01	1	3	cu	17.0	-1.0	11	18		7		88	9	Rain	Rain	47
PORT SAID	270	4	14	01	6	3	cu,Sc	16.3	-1.4	13	18		11		82	10	2	5	
EL ARISH																			38
DAMANHUR	270	5	7	02	1	5	cu	17.8	-0.8	12	18	-2	8	0	88	10	8	24	42
MANSURA	90	5	35	02	1	3	Sc,Cu	17.1	-1.4	9	18	-2	8	0	71	4	10	18	19
TANTA	00	0	35	02	0	0	—	17.0	-2.2	8	16	-4	6	-1	95	8	7	14	16
ZAGAZIG	220	2	15	03	1	6	Sc	17.4	-1.7	7			6	-1	95	7	7	Rain	11
ISMAILIA	270	5	35	01	0	0	—	17.1		12	18		8		77	8	8	9	
FAROUK (Airport)	180	9	10	00	0	0	—	17.8		11	18		8		82	8	Rain	Rain	
ALMAZA	180	8	15	00	0	0	—	17.1	2.3	11	18		8		82	8	dr.	1	
EZBEKIYA	120	1	12	05	0	2	ci	17.6	-1.8	10	19	-1	9	+1	88	8	1	1	10
GIZA	120	1	12	05	0	2	ci	17.8	-1.8	11	19	0	6	0	77	7	2	2	11
HELWAN																			10
FAIYUM	00	0	35	01	0	0	—	20.4	+1.0	8	19	-2	6	0	88	6	dr.	dr.	3
MINYA	200	1	8	00	0	0	—	19.1	-0.9	9	19		5		71	4	0	0	
ASYUT MANQABAD	290	4	10	00	0	0	—	19.8	-0.5	10	19		8		82	7	0	dr.	
NAG HAMMADI											20								
QENA	320	2	15	00	0	0	—	18.8	-0.3	10	19	-4	8	+1	76	6	0	0	
LUXOR																			
ASWAN											19	-4							
SIWA	260	6	11	00	0	0	—	21.0	+0.3	8			6	+2	76	4	0	0	5
BAHARIYA																			4
FARAFRA	220	3	35	02	0	0	—	21.0		10	18		5		62	3	0	dr.	
DAKHLA	320	2	50	00	0	0	—	21.8	+1.2	8	18	-4	6	+1	71	3	0	0	
KHARGA	00	0	15	00	0	0	—	19.9	+0.4	7			4	-2	71	2	0	0	
SUEZ																			9
TOR	40	8	35	00	0	0	—	16.2	-1.8	13	20	-1	10	+1	67	7	0	4	7
HURGHADA	260	11	30	03	0	1	cu	15.5	-2.6	14	20		9		52	4	0	0	
QUSEIR	270	13	15	02	0	0	—	16.0	-1.7	15	25	+2	14	0	48	4	0	0	4
PORT SUDAN	340	17	30	02	2	7	ac	15.0		21	29		20		41	7	0	Rain	85
WADI HALFA	360	7	10	05	0	0	—	20.7		9	20		8		50	-1	0	dr.	
ABU HAMAD	350	5	30	02	0	0	—	18.8		12	25		9		41	-1	0		
KAREIMA	00	0	30	02	0	0	—			11	27		9		44	-1	0	dr.	1
ATBARA	340	13	4	07	0	0	—	17.5		14	27		12		39	0	0	0.3	2
KHARTUM	340	17	30	02	0	0	—	16.8		15	28		13		42	2	0	dr.	4
KASSALA	360	2	30	01	2	0	—	15.0		17	34		11		26	-3	0	dr.	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	360	13	35	02	0	0	—	15.0		18	38		16		34	2	0	0	36
EL OBEID	10	13	30	01	0	1	ci	17.6		13	28		12		36	-2	0	6	16
EL FASHER											29								6
GENEINA	50	11	30	03	1	6	Cs			12	28		11		24	-10	0		4
MALAKAL	20	18	30	01	2	3	ci	13.0		20	36		19		14	-9	0	70	88
WAU	20	13	30	02	2	8	Cs	10.6		21	35		18		28	2	0	144	143
JUBA	360	2	30	03	1	8	ac,ci	10.3		25	35		17		47	13	0	191	144

HUMIDITY Mean of day

Station	on 7th	Diff. from normal
Alexandria	60	-6
Ezbekiya	63	-6
Giza	63	-11
Helwan		

GIZA
GRASS MINIMUM TEMP.
on 8th 2.8°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk AIRPORT — On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	95	15	23	280	12
950					
900					
850	1447	4	75	270	26
800					
700	2997	-6		290	32
600					
500	5546	-23		300	59
400	7147	-34		290	8
300	9104	-46		—	—

... AIRPORT — On ... At ... (pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300; no entries)

... AIRPORT — On ... At ... (pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300; no entries)

UPPER WIND OBSERVATIONS on 7th

Station	Siwa		Port Said		Asyut		Hurghada		Minya		El Arish		S.Barrani	
Time	14		14		14		14 15		14		15		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	16	280	14	290	21	300	25	280	16			330	21
600	320	17	300	20	300	18	300	14	290	20	140	4	330	22
1000	330	20	310	21	300	22	300	16	290	19	230	4	330	19
1500			320	21	300	24	290	26	300	19	140	4	350	23
2000					300	16	300	17	290	12			350	23
3000														
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time							2						2 30									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							310	5					320	13								
600							340	9					320	21								
1000							340	10					330	21								
1500																						
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			8										5		4		3						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	7																				
600			310	11									20	13	350	25	350	9					30	21
1000			320	20									30	31	10	3	360	21					20	39
1500													30	26	60	28	30	9					30	6
2000															290	15							350	6
3000															270	32	210	15					130	4
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

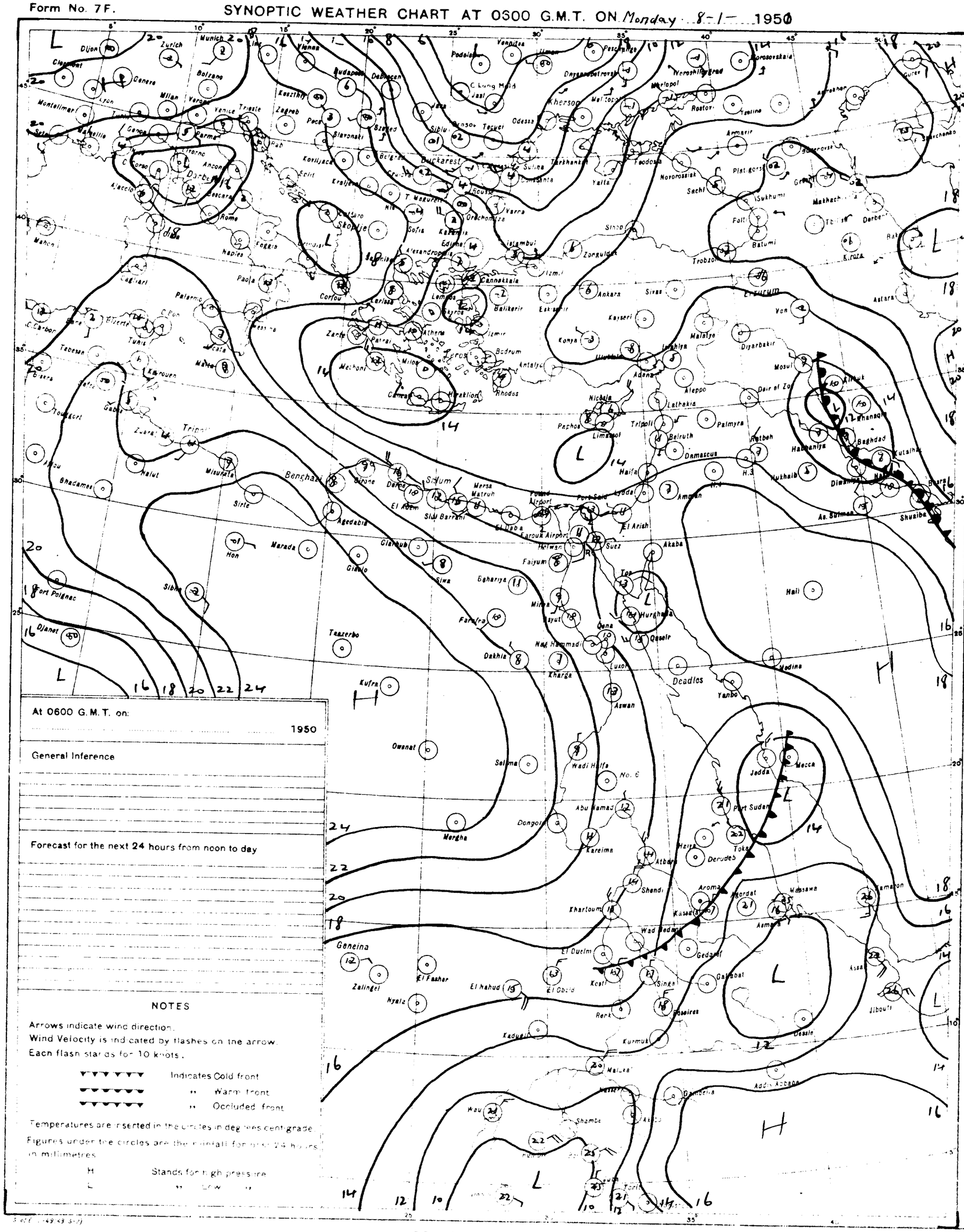
Printed by the Survey of Egypt 1949 (49/557).

Note: All times G. M. T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 8-1-1950



At 0600 G.M.T. on:

..... 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for prior 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Dustatorm	3
Fog or thick dusthaze (vis less than 1000 m)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless	—	
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 th " " "	2
3/8 " " "	3
4/8 " " "	4
5/8 " " "	5
6/8 " " "	6
7/8 " " "	7
Sky completely covered	8
" obscured by dust, sand or fog, or cloud amount cannot be estimated owing to darkness	9

M.A.H.

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 52 G.M.T.
" " Sunset 15 12 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 9th January, 1951

At 1200 on Monday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	270	9	35	02	2	7	Sc,Cu	182	17	60	9
	303	SIDI BARANI	300	5	12	03	2	8	Sc,Cu	18.2	18	60	10
	306	MATRUH	350	6	12	02	2	6	Cu,Ac	16.7	17	60	9
	309	EL DABA	340	5	35	01	1	3	Cu		19	46	7
		ALEXANDRIA	310	11	50	02	2	2	Cu	18.0	17	52	7
	318	FOUAD (Airport)	320	9	18	01	0	2	Sc	17.8	18	49	7
	330	DAMIETTA	320	2	35	03	1	4	Sc	17.4	17	60	9
	333	PORT SAID	280	4	30	03	1	3	Cu,Sc	17.3	18	56	9
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	9	15	02	1	3	Cu	18.6	18	56	8
	342	MANSURA	320	5	35	02	1	3	Cu	18.2	19	52	9
	345	TANTA	00	0	35	03	2	6	Cu,Sc	19.0?	19	52	9
	354	ZAGAZIG	320	1	50	01	1	3	Cu	18.2	17	60	9
	360	ISMAILIA	290	9	35	03	2	8	Sc,Cu	17.5	18	52	8
Cairo Area	366	FAROUK (Airport)	270	9	30	03	1	5	Sc	18.5	18	46	6
	370	ALMAZA	270	10	15	02	1	7	Cu	18.0	18	46	6
		EZBEKIYA	00	0	18	02	1	5	Cu,Sc	18.2	19	49	8
		GIZA	00	0	18	02	1	5	Cu,Sc	18.0	19	46	7
	378	HELWAN	00	0	35	03	1	6	Cu	17.5	17	52	7
Upper Egypt	381	FAIYUM	00	0	35	03	1	2	Ac	19.5	18	52	8
	387	MINYA	360	4	10	02	1	4	Cu	18.5	18	46	6
	393	ASYUT MANQABAD	350	10	30	01	1	3	Cu	18.6	18	52	8
	399	NAG' HAMMADI	00	0	7	01	0	3	—	18.1	19	46	7
	402	QENA	290	2	50	00	0	0	—	16.8	19	46	7
	405	LUXOR	350	8	30	00	0	0	—	17.0	19	46	7
	414	ASWAN	330	10	50	00	0	0	—	17.3	19	25	-1
Oases	417	SIWA											
	420	BAHARIYA	320	4	35	02	1	4	Ac	19.1	19	25	-1
	423	FARAFRA			35	02	1		Ac	20.2	17		
	432	DAKHLA	270	2	50	00	1	0	—	19.9	18	46	6
	435	KHARGA	00	0	35	00	0	0	—	19.9	16	49	5
Red Sea	450	SUEZ	00	0	50	03	1	4	Cu	17.4	17	60	9
	459	TOR	310	17	50	00	0	0	—	16.2	19	46	7
	462	HURGHADA	320	16	30	01	1	3	Cu	15.0	19	56	10
	465	QUSEIR	360	13	15	02	0	0	—	16.3	20	56	11
	641	PORT SUDAN	20	15	30	02	2	1	Ac	13.1	24	36	8
North Sudan	600	WADI HALFA	20	13	10	02	0	0	—	17.3	19	30	1
	640	ABU HAMAD	340	8	30	02	0	0	—		21	18	-4
	660	KAREIMA	20	10	30	02	0	0	—	15.3	21	20	-3
	680	'ATBARA	360	13	10	07	0	0	—	13.3	23	22	0
	721	KHARTUM	360	13	30	02	0	1	Ci	12.3	24	15	-5
	730	KASSALA	360	4	30	02	0	0	—	7.2	28	31	9
Central Sudan	751	WAD MEDANI	360	9	35	02	1	3	Ci	11.2	26	16	-2
	801	RENK	360	12	35	02	0	2	Ci	10.6	27	23	4
	807	ROSEIRES	360	13	35	02	0	0	—	8.2	29	17	1
	771	EL OBEID	20	17	30	03	0	5	Cs	12.3	22	13	-8
	760	EL FASHER	50	10	30	01	2	3	Ci		22	29	3
	770	GENEINA	30	11	30	03	2	7	Cs		25	10	-9
South Sudan	840	MALAKAL	20	18	30	03	1	4	Ac,Ci	7.2	30	11	-3
	860	WAU	50	2	30	02	1	3	Ci	6.8	30	16	1
	841	JUBA	50	9	30	02	2	8	Cs	3.9	34	20	8

At 1800 on Monday 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs. mms
SALUM												
SIDI BARANI	310	6	12	01	0	2	Sc	19.8	15	72	10	0
MATRUH	270	4	12	02	1	4	Cu	19.7	14	77	10	0
EL DABA	320	7	7	01	1	2	Cu	19.5	14	67	8	0
ALEXANDRIA	180	6	35	03	8	4	Cb	19.2	14	77	10	dr.
FOUAD (Airport)	00	0	12	01	1	2	Sc	19.2	13	94	12	0
DAMIETTA	250	2	7	00	0	0	—	19.5	11	88	9	0
PORT SAID	320	4	14	01	1	1	Sc	19.0	15	77	11	0
EL 'ARISH	320	5	15	03	1	4	Sc	17.6	14	77	10	0
DAMANHUR	270	5		02	1	2	Cu	20.0	12	88	10	0
MANSURA	360	5		00	1	0	—	20.3	13	77	9	0
TANTA	00	0	35	01	2	4	Cu,Sc	20.4	10	88	8	0
ZAGAZIG	220	1	35	02	1	0	—	19.0	14	77	10	0
ISMAILIA	290	2	35	01	1	3	Cu	19.5	13	77	9	0
FAROUK (Airport)	110	3	12	00	0	0	—	20.3	13	72	8	0
ALMAZA	160	6	12	00	0	0	—	19.5	13	77	9	0
EZBEKIYA	00	0	12	00	0	0	—	19.9	12	72	7	0
GIZA	00	0	12	00	0	0	—	19.6	10	76	6	0
HELWAN	00	0	15	01	1	0	—	20.2	13	67	7	0
FAIYUM	00	0	35	03	1	4	Ac	21.0	12	77	8	0
MINYA	00	0	8	00	1	0	—	20.1	10	67	4	0
ASYUT MANQABAD	00	0	8	00	0	0	—	20.2	13	67	7	0
NAG' HAMMADI												
QENA	320	2	7	00	0	0	—	19.4	12	77	8	0
LUXOR	00	0	12	00	0	0	—	19.5	13	51	3	0
ASWAN	00	0	50	00	0	0	—	19.3	17	26	-3	0
SIWA	270	5	10	02	2	7	Ac	21.5	17	52	7	0
BAHARIYA	320	3	15	02	1	4	Ac	20.3	16	59	8	0
FARAFRA	00	0	15	02	1	0	—	21.5	12	63	5	0
DAKHLA	360	5	50	00	0	0	—	22.4	14	48	3	0
KHARGA	00	0	15	00	0	0	—	20.4	15	48	4	0
SUEZ	00	0	15	01	0	0	—	19.5	13	67	7	0
TOR	310	9	35	00	0	0	—	18.2	16	59	8	0
HURGHADA	280	12	10	00	0	0	—	17.6	16	45	4	0
QUSEIR	260	13	15	02	0	0	—	17.3	19	64	12	0
PORT SUDAN	310	10	30	02	0	0	—	16.1	20	46	8	0
WADI HALFA	340	8	30	02	0	0	—	16.6	16	39	2	0
ABU HAMAD												
KAREIMA	360	4	30	02	0	0	—	16.6	17	28	-2	0
'ATBARA	360	9	30	02	0	0	—	14.0	18	24	-3	0
KHARTUM	360	8	30	03	0	2	Ci	14.7	19	28	0	0
KASSALA	340	3	30	02	0	0	—	12.3	19	49	8	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	10	30	01	1	2	Ci	14.8	18	17	-8	0
EL FASHER	00	0	30	02	1	6	Ci		18	30	0	0
GENEINA		8	30	01	1		Ci		22	616	-5	0
MALAKAL	10	10	30	01	2	5	Ci	7.4	23	27	3	0
WAU												
JUBA	00	0	30	01	2	5	Ci	5.1	26	40	11	0

At 0600 on Tuesday 9th January,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI											18								
MATRUH	260	6	4	02	2	8	Sc	21.6	+3.0	14	18		13		77	10	1	Rain	
EL DABA	00	0	15	03	2	8	Sc			12	18		8		77	8	0	32	
ALEXANDRIA	220	5	35	03	8	8	Cu,Sc	21.9	+3.0	12	19	0	12	+1	88	10	dr.	39	112
FOUAD (Airport)	180	1	12	03	8	6	Sc,Cu	21.3		12	18		11		95	12	0.2	Rain	80
DAMIETTA	200	2	7	03	1	4	NS	21.9	+3.9	10	18		7		88	8	0	Rain	48
PORT SAID	270	5	6	03	0	1	Sc	21.9	+4.2	13	19		11		77	9	0	5	
EL 'ARISH	200	5	15	03	2	7	Sc	22.0	+3.4	13	20	+1	10	+3	77	9	0	Rain	38
DAMANHUR	230	9		02	1	7	Ac	22.4	+3.8	12	20	0	10	+2	88	10	0	24	43
MANSURA	220	5	35	02	1	3	Cu	21.1	+2.6	9	20	0	9	+1	88	7	0	18	19
TANTA	00	0	35	03	2	6	Cu,Sc	22.3	+3.1	10	19	-1	7	0	88	8	0	14	16
ZAGAZIG	220	1	15	03	1	3	Cu	22.4	+3.3	14?	20	0	5	-2	88	12	0	Rain	11
ISMAILIA	160	2	35	01	0	0	—	22.4		10	20		8		76	6	0	9	
FAROUK (Airport)	160	4	12	03	0	6	Sc	22.4		11	18		9		77	7	0	Rain	
ALMAZA	130	4	10	02	2	6	Sc	22.1	+2.7	11	20		9		77	7	0	1	
EZBEKIYA	00	0	12	00	0	7	Sc	22.6	+3.2	11	20	0	9	+1	71	6	0	1	10
GIZA	00	0	12	00	0	7	Sc	22.3	+2.7	10	21	+2	6	0	76	6	0	2	11
HELWAN	00	0	7	00	2	7	Sc	23.1	+3.4	11	18	-1	9	+1	77	7	0	1	10
FAIYUM	00	0	35	03	2	8	Sc	23.1	+3.7	11	20	-1	8	+2	63	4	0	dr.	3
MINYA	180	1	8	01	1	2	Cu	22.6	+2.6	8	19		2		71	3	0	0	
ASYUT MANQABAD	00	0	8	01	0	0	—	23.6	+3.3	8	18		6		82	5	0	dr.	
NAG' HAMMADI	00	0		00	0	0	—	23.2	+3.4	11			4		63	4	0	0.1	
QENA	320	2	15	00	0	0	—	21.7	+2.6	10	19	-4	6	-1	76	6	0	0	
LUXOR	00	0	30	00	0	0	—	22.1		9	20		4		94	8	0	0	
ASWAN	00	0	50	00	0	0	—	21.7	+2.6	12	20	-3	8	-2	72	7	0	0	
SIWA	270	5	11	03	2	8	Ac,Ci	23.3	+2.6	13	19	0	7	+3	67	7	0	0	5
BAHARIYA	00	0	35	02	2	7	Ac	22.8	+2.5	13	20	0	10	+5	67	7	0	0	4
FARAFRA	220	3	35	02	2	6	Ac	23.6		7	18		2		71	2	0	dr.	
DAKHLA	00	0	50	00	0	0	—	24.6	+4.0	5	19	-3	4	-1	81	2	0	0	
KHARGA	00	0	35	00	0	0	—	23.1	+3.6	9	19	-3	5	-1	71	4	0	0	
SUEZ	00	0	35	00	0	0	—	22.4	+3.5	12	21	+1	11	+1	77	8	0	0.3	9
TOR	40	17	50	00	0	0	—	20.4	+2.4	9	20	-1	8	-1	71	4	0	4	7
HURGHADA	240	10	30	03	0	1	Cu	20.5	+2.4	14	19		8		55	5	0	0	
QUSEIR	310	13	15	00	0	0	—	20.0	+2.3	15	25	+2	13	-1	59	7	0	dr.	4
PORT SUDAN											25								86
WADI HALFA											22								
ABU HAMAD																			
KAREIMA											22								1
'ATBARA											23								2
KHARTUM											25								4
KASSALA											29								8
WAD MEDANI																			12
RENK	360	13	35	02	0	0	—	14.8		19	30		14		32	2	0		49
ROSEIRES																			36
EL OBEID											24								16
EL FASHER											24								6
GENEINA											27								4
MALAKAL	20	18	30	02	1	4	Cs	11.8		19	31		17		23	-3	0	70	88
WAU																			143
JUBA	00	0	30	03	1	8	Cs	10.7		23	35		15		41	9	0	191	144

HUMIDITY

Mean of day

Station	%	Diff. from normal
Alexandria	77	+11
Ismailia	72	+3
Giza	75	+1
Helwan	70	+12

GIZA

GRASS MINIMUM TEMP ON 9th 1.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk AIRPORT — On 8th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	155	16	34	270	9
950					
900					
850	1500	2	51	290	11
800					
700	3046	3		340	21
600					
500	5629	-21		360	21
400	7236	-34		320	24
300	9188	-50		320	42

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 8th

Height m.	Foad A.P. Dir.	Vel.	S. Barrani Dir.	Vel.	Farouk Dir.	Vel.	El Arish Dir.	Vel.	Minya Dir.	Vel.	Dakhla Dir.	Vel.	Siwa Dir.	Vel.	Asyut Dir.	Vel.	Luxor Dir.	Vel.	Port Said Dir.	Vel.
Time	14		14		14		15		14		14		14		14		14 15		14	
300	300	10	330	7	290	7	230	12	340	13	10	10	310	12	340	11	50	10	300	11
600	300	12	320	8	300	8	320	14	340	13	350	8	300	10	350	10	30	14	290	12
1000	340	15	320	7	300	10	300	9	340	17	360	9	310	12	350	9	20	16	290	10
1500	320	13			300	7	290	14	330	16	340	17	350	16	350	14	50	1	300	9
2000	310	13			320	20	80	10	360	16					360	18				
3000	310	18			340	23									340	23				
4000	340	16			330	20									340	23				
5000	300	18			330	20														
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 9th

Height m.	Station: Sidi Barani Dir.	Vel.	Matruh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said (4) Dir.	Vel.	El 'Arish (6) Dir.	Vel.	Helwan Dir.	Vel.	Minya (2) Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
300							280	8	190	18			40	3										
600							300	8	200	11			40	3										
1000							320	7	210	10			10	8										
1500							330	4	70	7			360	13										
2000													310	7										
3000													350	13										
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Station: Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
Time																								
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

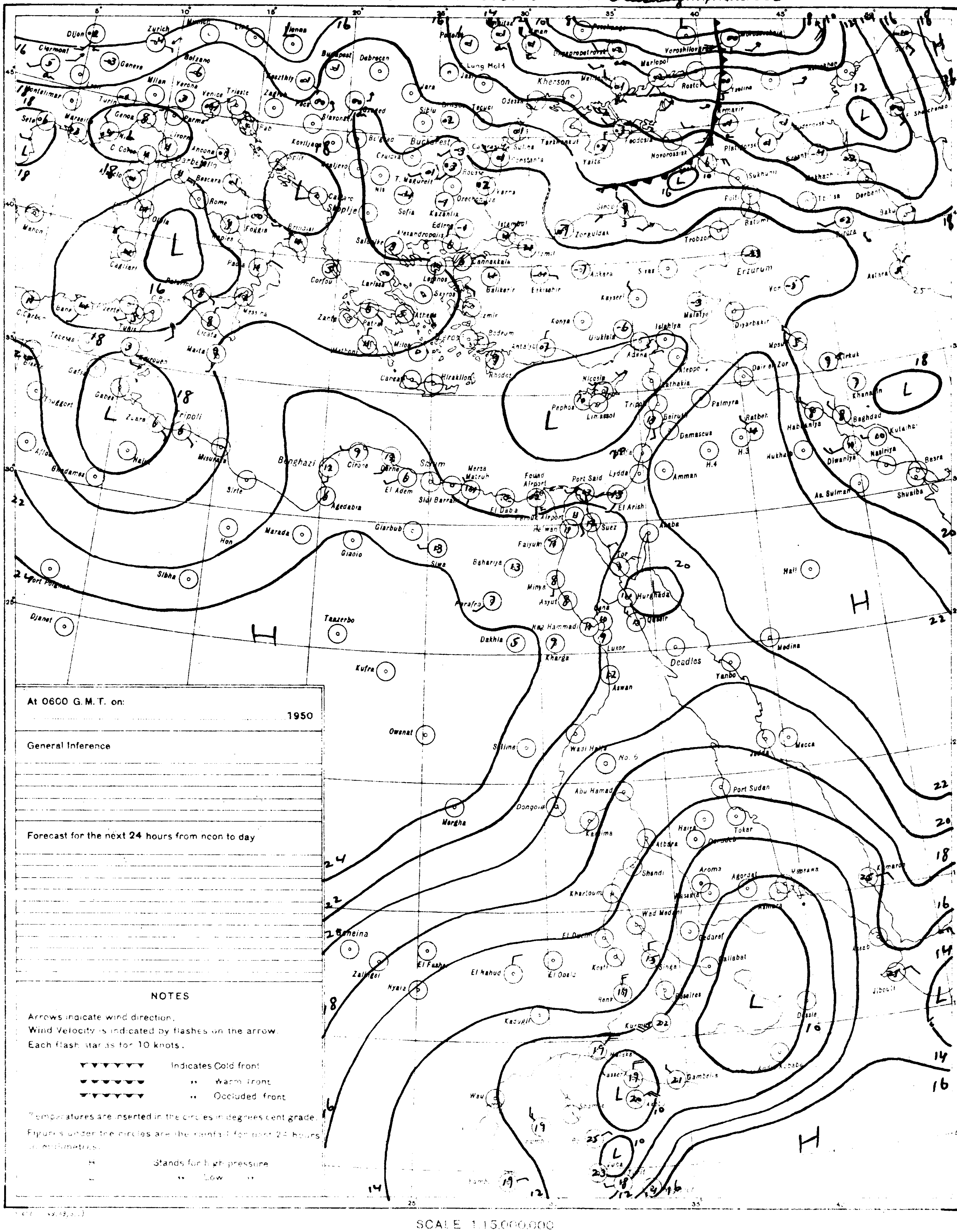
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of cloud are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (45 557)

Note All times G.M.T.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday* 9-1-1950



At 0600 G.M.T. on: 1950

General Inference

....

Forecast for the next 24 hours from noon to day

....

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees cent grade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain { Thunderstorm during	91
Hail { the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	6
7/8 ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

Time of Sunrise 04 52 G.M.T.
" " Sunset 15 13 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 10th January, 1950

At 1200 on Tuesday 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	220	5	35	02	1	5	Cu	21.4	21	33	4
	303	SIDI BARÂNI	290	6	14	01	2	4	Cs		20	41	6
	306	MATRÛH	320	10	11	02	2	7	Cu ac	21.7	18	52	8
	309	EL DABA	340	7	35	03	2	8	Sc	21.3	18	52	8
		ALEXANDRIA	220	9	50	03	2	6	Cb	21.5	18	60	10
	318	FOUAD (Airport)	270	5	18	03	0	5	Cu Sc	21.5	20	60	12
	330	DAMIETTA	200	2	7	02	1	4	Cu	21.5	19	64	12
	333	PORT SAÏD	280	2	18	02	0	1	Cu	22.0	18	60	10
	336	EL 'ARISH	220	5	35	01	1	2	Cu	21.8	18	49	7
Lower Egypt	339	DAMANHUR	270	5	15	03	2	8	ac	23.0	18	73	13
	342	MANSURA	270	5	35	03	2	6	Sc Cu	21.2	19	64	12
	348	TANTA	00	0	35	03	2	8	Sc	22.4	18	73	13
	354	ZAGAZIG	320	1	35	03	1	4	Cu	21.9	18	73	13
	410	ISMAÏLIA	290	2	35	03	1	5	Cu	23.4	20	46	8
Cairo Area	366	FAROUK (Airport)	310	10	18	03	1	3	Sc	22.2	18	46	6
	372	ALMAZA	360	5	15	03	0	3	Cu	21.6	20	46	8
		EZBEKIYA	00	0	18	02	1	5	Cu	21.6	19	52	9
		GIZA	00	0	18	02	1	5	Cu	21.6	21	41	7
	378	HELWÂN	00	0	15	03	1	3	Cu	21.6	18	52	8
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	22.7	19	52	9
	387	MINYA	360	4	10	02	1	1	Cu	21.5	19	46	7
	393	ASYÛT MANQABÂD	330	5	30	00	0	0	—	21.0	18	52	8
	399	NAG' HAMMADI	00	0	7	00	0	0	—	20.2	21	41	7
	402	QENA	230	2	50	00	0	0	—	20.2	19	46	7
	405	LUXOR											
	414	ASWÂN	20	2	50	00	0	0	—	18.2	22	27	2
Oases	417	SÎWA	100	9	12	03	2	5	Cu Sc	22.7	20	46	8
	420	BAHARÎYA	270	3	35	01	1	3	ac	21.8	20	46	8
	423	FARAFRA	00	0	35	02	2	0	—	22.4	19	46	7
	427	DAKHLA	360	4	50	00	0	0	—	21.5	19	37	4
	435	KHARGA	40	4	15	00	0	0	—	20.3	19	37	4
Red Sea	450	SUEZ	00	0	50	02	0	0	—	21.0	19	46	7
	459	TÛR	220	2	50	00	0	0	—	20.4	20	46	8
	462	HURGHADA	330	8	30	02	0	1	Cu	19.2	19	49	8
	465	QUSEIR	360	13	15	03	1	7	ac	19.5	20	56	11
	471	PORT SUDÂN	30	15	30	03	0	2	Cu	14.6	27	42	13
Nile Valley	600	WÂDI HALFA	250	12	20	02	0	0	—	17.8	20	24	-1
	640	ABU HAMAD	20	5	30	02	0	0	—		23	18	-3
	660	KAREIMA	340	12	30	02	0	0	—	14.9	20	24	-1
	690	ATBARA	20	13	10	07	0	0	—	11.5	25	14	-5
	721	KHARTÛM	40	13	30	03	0	4	—	11.2	26	13	-5
	780	KASSALA	20	9	30	02	0	0	—	7.0	30	38	14
Central Sudan	791	WÂD MEDANI	360	9	35	02	0	0	—	8.6	28	19	2
	801	RENK											
	802	ROSEIRES	360	9	35	02	0	0	—	6.8	30	17	2
	821	EL OBEID	50	15	30	03	1	7	Cs	10.8	24	9	-11
	860	EL FÂSHER	30	6	30	03	2	8	Cs		24	18	2
	870	GENEINA		9	30	02	2	7	—		26	15	-3
S. Sudan	840	MALAKÂL	20	17	30	21	1	3	Ci	6.7	31	11	-2
	880	WÂU											
	941	JUBA											

At 1800 on Tuesday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	320	2	15	00	0	0	—	22.3	15	68	9	0
SIDI BARÂNI	00	0			0	0	—	22.6	14	67	8	0
MATRÛH	360	8	12	01	2	3	ac	23.0	15			0
EL DABA	00	0	7	00	0	0	—		15	59	7	0
ALEXANDRIA	00	0	35	03	2	4	Sc Cu	23.4	17	60	9	dr.
FOUAD (Airport)	00	0	12	01	2	4	Sc	23.4	16	77	12	0
DAMIETTA	270	2		03	2	8	Sc	22.7	15	88	13	0
PORT SAÏD	160	2	14	02	1	4	ac	22.1	16	68	10	0
EL 'ARISH	200	2	15	01	0	3	Ci	22.4	13	88	11	0
DAMANHUR	270	5		02	1	3	Cu	23.5	12			0
MANSURA	270	5		00	1	0	—	23.9	15	77	11	0
TANTA	00	0	35	03	2	8	Sc	23.6	13	77	9	0
ZAGAZIG	00	0	15	02	0	0	—	23.0	13	88	11	0
ISMAÏLIA	160	2	35	01	0	0	—	23.4	12	88	10	0
FAROUK (Airport)	70	6	12	00	0	0	—	23.3	15	68	9	0
ALMAZA	70	8	10	01	1	5	Cu	22.9	15	77	11	0
EZBEKIYA	00	0	12	02	1	6	Cu	23.4	15	77	11	0
GIZA	00	0	12	02	1	6	Cu	22.7	16	68	10	0
HELWÂN	320	6	7	01	1	0	—	23.5	14	77	10	0
FAIYÛM	00	0	35	02	0	0	—	22.7	14	77	10	0
MINYA	20	3	8	00	1	0	—	22.4	10	71	5	0
ASYÛT MANQABÂD	270	[illegible]	8	00	0	0	—	22.6	12	77	8	0
NAG' HAMMADI	360	13		00	0	0	—	22.5	12	77	8	0
QENA	320	2	7	00	0	0	—	21.1	14	55	5	0
LUXOR	200	1	12	00	0	0	—	20.5	12	51	2	0
ASWÂN	350	4	50	00	0	0	—	20.0	18	37	3	0
SÎWA	00	0	10	00	1	0	—	22.8	13	55	4	0
BAHARÎYA	00	0	15	02	0	0	—	22.7	13	55	4	0
FARAFRA	270	2	15	02	0	0	—	23.1	11	63	4	0
DAKHLA	360	4	50	00	0	0	—	22.6	14	48	3	0
KHARGA	00	0	15	00	0	0	—	22.3	13	44	1	0
SUEZ	00	0	15	02	0	0	—	22.4	12	77	8	0
TÛR	310	8	35	00	0	0	—	21.4	15	68	9	0
HURGHADA	280	10	10	00	0	0	—	20.6	17	60	9	0
QUSEIR	360	13	15	01	1	0	—	20.4	20	64	13	0
PORT SUDÂN	340	9	30	03	1	4	Sc Cu	17.9	23	61	15	0
WÂDI HALFA	360	5	30	02	0	0	—	19.7	14	36	-1	0
ABU HAMAD	350	6	30	02	0	0	—		17	24	-4	0
KAREIMA												
ATBARA												
KHARTÛM	350	9	30	01	1	2	Ci	14.0	20	21	-3	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	340	7	30	03	1	7	Ac Ci	10.3	23	32	5	0
WÂU												
JUBA	00	0	10	04	2	8	Cs	7.2	25	34	8	0

At 0600 on Wednesday 10th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	2	15	01	1	4	Ci	23.5		14	22		9		77	10	0	84	
SIDI BARÂNI	180	2	14	00	0	0	—	23.1		10	20		7		84	7	0	95	
MATRÛH	210	7	14	02	1	3	ac Ci	23.7	+5.1	10	19		8		76	6	0	Rain	
EL DABA	00	0	15	03	2	6	Sc			10			8		76	6	0	32	
ALEXANDRIA	00	0	35	03	2	6	Sc Cu	24.4	+5.5	14	20	+1	12	+2	88	12	dr.	39	113
FOUAD (Airport)	00	0	18	02	2	6	Sc	24.8		13	22		11		94	12	0	Rain	82
DAMIETTA	180	2	3	42	4	1	ac	24.3	+6.3	12	20		10		88	10	0	Rain	49
PORT SAÏD	190	1	8	03	0	2	ac	23.4	+5.7	14	20		11	0	82	11	0	5	
EL 'ARISH											20	+1							39
DAMANHUR	130	5	0.8	45	4	9	—	24.8	+6.2	9	19	-1	8	0	95	9	0	24	44
MANSURA	40	5		44	4	0	—	25.1	+6.6	9	21	+1	7	-1	88	7	0	18	20
TANTA	00	0	35	02	0	0	—	24.8	+5.6	6	19	-1	5	-1	95	6	0	14	16
ZAGAZIG	00	0	1.5	43	4	0	—	25.0	+5.9	9	20	0	4	-3	62	2	0	Rain	11
ISMAÏLIA	10	2				0	—	25.1		10	21		8		88	8	0	9	
FAROUK (Airport)	120	10	14	02	1	1	Ci	24.7		12	20		8		67	6	0	Rain	
ALMAZA	110	7	15	03	0	3	ac	24.7	+5.3	10	22		8		88	8	0	1	
EZBEKIYA	00	0	10	10	1	0	—	25.0	+5.6	10	21	+1	8	0	76	6	0	1	10
GIZA	00	0	10	10	1	0	—	24.6	+5.0	6	22	+3	3	-3	87	4	0	2	11
HELWÂN	320	8	7	00	1	1	Ci	24.8	+5.1	11	20	+1	9	+1	63	4	0	1	11
FAIYÛM	00	0	15	03	0	2		25.8	+6.4	9	21	0	6	0	88	7	0	dr.	3
MINYA	360	1	8	02	1	1	—	23.4	+3.4	6	20		3		87	4	0	0	
ASYÛT MANQABÂD	00	0	5	01	0	0	—	24.0	+3.7	8	20		6		88	6	0	dr.	
NAG' HAMMADI	00	0		00	0	0	—	22.0	+2.8	10	2[illegible]		4		62	3	0	0.[illegible]	
QENA	200	2	15	00	0	0	—	22.3	+3.2	9	20	-3	6	-1	62	2	0	0	
LUXOR	00	0	12	00	0	0	—	22.8	+3.5	10	22		3		50	0	0	0	
ASWÂN											23	0							
SÎWA	70	2	11	03	1	4	ac	23.5	+2.8	7	21	+2	4	0	71	2	0	0	5
BAHARÎYA	360	2	35	02	1	4	ac	24.3	+4.0	10	22	+2	4	-1	62	3	0	0	4
FARAFRA	00	0	35	02	2	7	Cs	24.2		6	21		-1		71	1	0	dr.	
DAKHLA	00	0	50	03	0	3	Ci	24.2	+3.7	5	20	-2	3	-2	70	0	0	0	
KHARGA	00	0	35	03	1	2	Ci	23.1	+3.6	10	20	-2	5	-1	76	6	0	0	
SUEZ											21	+1							9
TÛR	40	12	35	00	0	0	—	22.8	+4.8	8	21	0	7	-2	88	6	0	4	7
HURGHADA	240	10	30	03	0	2	Cu	21.9	+3.8	13	20		9		55	4	0	0	
QUSEIR	330	9	15	00	0	0	—	21.4	+3.6	16	24	+1	14	0	68	10	0	dr.	4
PORT SUDÂN	310	10	30	02	0	4	ac	18.0		21	27		17		47	9	0	Rain	86
WÂDI HALFA	360	4	30	03	1	0	—	21.3		10	21		7		54	1	0	dr.	
ABU HAMAD	50	3	30	02	1	0	—			4	25		10		55	5	0		
KAREIMA	20	6	30	02	0	0	—	19.1		14	24		10		39	0	0	dr.	1
ATBARA	50	5	30	03	0	1	Ci	17.6		16	27		11		52	6	0	0.3	2
KHARTÛM	360	11	30	01	1	5	Ci	16.9		15	27		11		59	2	0	dr.	4
KASSALA	70	4	30	03	0	2	Ci	14.1		20	30		15		60	12	0	dr.	8
WÂD MEDANI	50	9	35	02	1	8	Ci	15.1		16	29		11		34	0	0	46	12
RENK																			47
ROSEIRES																			36
EL OBEID	10	6	30	01	1	5	Ci	17.8		13	26		10		31	-4	0	6	16
EL FÂSHER	340	3	30	02	2	8	Cs			9	26		7		50	-1	0	6	6
GENEINA	20	9	30	03	2	7	Cs			13	28		10		31	-4	0		4
MALAKÂL											32								88
WÂU																			143
JUBA											35								144

HUMIDITY

Mean of day

Station	%	Diff. from normal
Alexandria	70	-4
Fahaliya	66	-3
Giza	69	-5
Helwan	66	+8

GIZA

GRASS MINIMUM TEMP ON 10th 1.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk AIRPORT — On 9th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	188	16	68	10	7
950					
900					
850	1540	3	87	20	9
800					
700	3104	0		360	10
600					
500	5732	-17		340	12
400	7316	-32		300	28
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Height m.	Dakhla Dir.	Dakhla Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.
Time	14		14		14		14		14		14		14	
300	30	8	350	10	280	3	350	15	320	11	80	5	310	9
600	20	7	360	13	270	5	360	11	350	11	80	5	270	14
1000	20	9	360	12	240	3	320	12	360	11	20	11	270	9
1500	350	8	350	9	20	1	290	13			210	3	210	10
2000			360	11	70	3	350	10			40	6	280	11
3000			10	10							50	4		
4000			340	19										
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 10th

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									4		4		5		4		4		4 30		5			
300									50	14														
600									80	19	30	21	60	13	30	19	50	9						
1000									70	15	50	21	60	18	50	29	40	17	40	30	10	8		
1500									50	15	20	7	60	15	60	7	280	4	50	15	60	17		
2000															350	5			310	16	310	6		
3000									320	8	310	3			250	19	240	25	260	13	260	11		
4000									310	20					270	15								
5000																								
6000																								
7000																								
8000																								

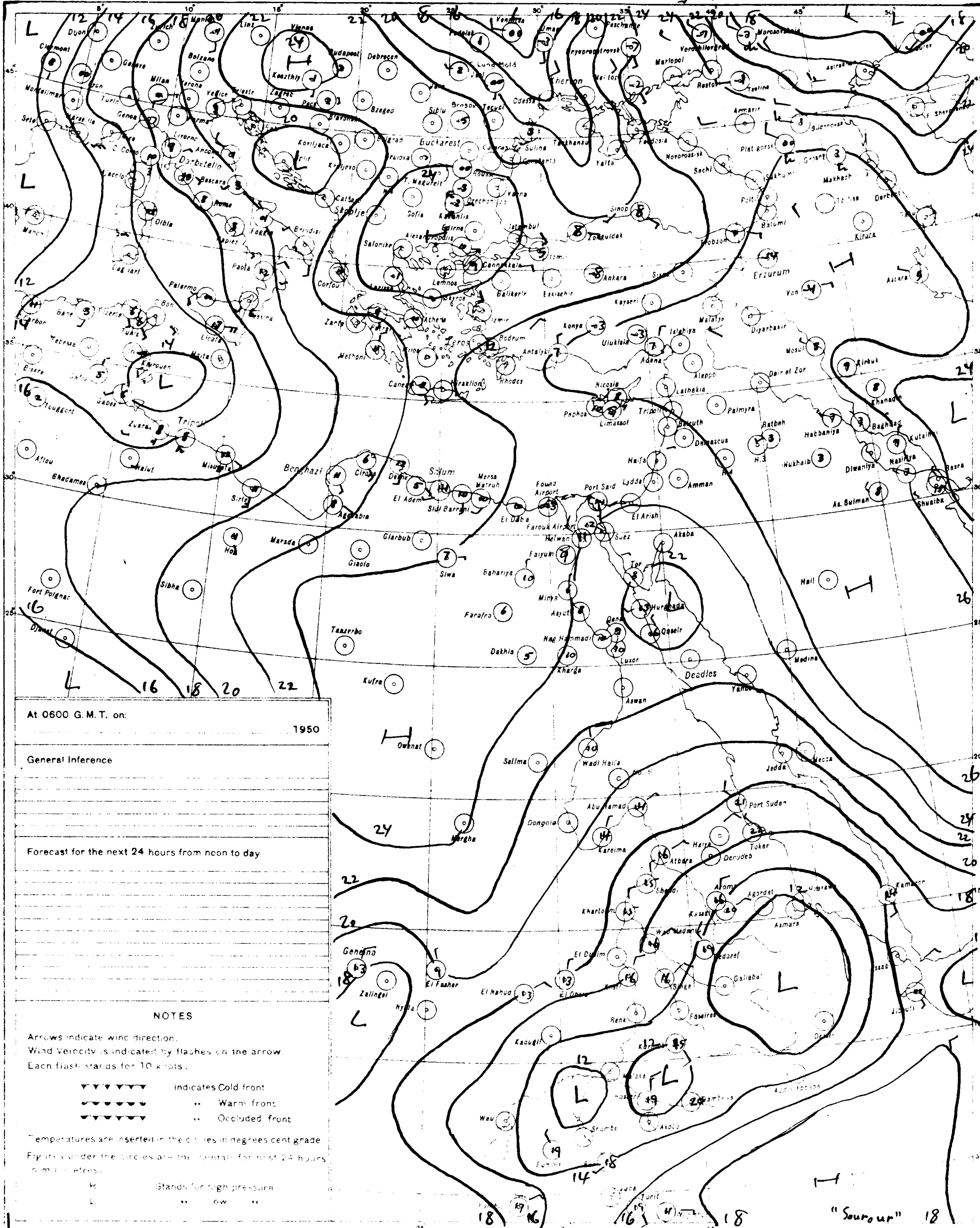
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1949 (49/557).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Wednesday 10/1* 1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ indicates Cold front
▼▼▼▼▼▼ ,, Warm front
▼▼▼▼▼▼ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, ,, low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres — Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation — Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during the past hour	91
Hail } Thunderstorm during the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

Time of Sunrise 04 52 G. M. T.
" " Sunset 15 13 G. M. T.

DAILY WEATHER REPORT

Date: Thursday 11th January, 1950

At 1200 on Wednesday 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	140	9	35	03	2	7	Sc.Cu	21.2	19	46	7
	303	SÎDI BARÂNI	180	1	18	02	1	5	Sc	21.9	19	43	6
	306	MATRÛH	90	4	15	03	1	7	Cu.ac	22.3	21	38	6
	309	EL DABA	40	8	35	03	2	8	Sc	21.9	18	46	6
		ALEXANDRIA	40	5	50	02	2	4	Cu		18	60	12
	318	FOUAD (Airport)	40	6	18	03	1	6	Cu.Sc	22.9	20	50	11
	330	DAMIETTA	140	2	35	02	0	2	Cu.Ci	23.3	17	68	11
	333	PORT SA'ÎD	100	2	30	02	0	3	Cu.ac	23.3	17	68	11
	336	EL 'ARISH											
Lower Egypt	339	DAMANHÛR	130	5	15	02	1	1	Cu	23.6	19	64	12
	342	MANSURA	40	5	35	02	1	3	ac	26.3	22	44	9
	348	TANTA	00	0	35	01	1	3	Cu.Sc	23.4	19	52	9
	354	ZAGAZIG	40	2	35	01	1	2	Ci	23.3	19	46	7
	360	ISMA'ÎLIA	70	2	35	03	1	2	Ci	23.3	20	46	8
Cairo Area	366	FAROUK (Airport)	70	13	30	02	2	3	Cs	22.7	20	33	3
	372	ALMÂZA	40	16	15	02	2	5	ac	21.9	20	35	4
		EZBEKÎYA	90	4	18	00	0	6	Ci	22.3	21	35	5
		GÎZA	90	4	18	00	0	6	Ci	22.2	21	33	4
	378	HELWÂN	20	15	35	02	2	6	Ci	21.9	20	28	1
Upper Egypt	381	FAIYÛM	00	0	35	03	2	6	St	22.7	19	46	7
	387	MINYA	30	2	8	02	2	6	Ci	21.4	18	40	4
	393	ASYÛT MANGABÂD	330	3	12	01	2	9	ac	19.7	18	52	8
	399	NAG' HAMMÂDI	00	0	7	01	0	4	ac	20.1	21	50	10
	402	QENA	290	2	50	00	0	0	—	19.9	20	53	11
	405	LUXOR	70	7	30	01	0	1	Cs	19.0	21	44	8
	414	ASWÂN	20	2	50	00	0	0	—	16.3	23	29	4
Oases	417	SÎWA	130	9	12	01	1	3	Cu.Ci	22.0	20	41	6
	420	BAHARÎYA	90	4	35	02	1	4	ac	21.9	18	52	8
	423	FARAFRA	00	0	35	02	2	7	ac	22.2	18	52	8
	432	DAKHLA	00	0	50	03	1	4	Ci	20.7	21	33	4
	435	KHARGA	00	0	35	01	1	3	ac	20.8	20	41	6
Red Sea	450	SUEZ	40	5	50	03	0	2	Ci	21.5	20	41	6
	459	TÛR	310	8	50	00	0	0	—	21.6	20	64	13
	462	HURGHADA	310	5	30	03	1	4	Cu	20.5	19	64	12
	465	QUSEIR	20	9	15	02	1	3	ac	20.4	22	57	13
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	70	5	30	03	0	0	—	13.1	30	41	6
	680	'ATBARA			30	02	0	3	Ci	11.3	27	17	0
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	360	5	35	02	0	0	—	7.5	33	26	11
	771	EL OBEID											
	765	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	50	10	30	02	2	7	Cs	7.6	32	13	0
	880	WÂU	20	5	30	02	2	8	Cs	7.6	30	14	0
	941	JUBA	340	5	30	02	2	8	Cs	5.8	34	20	8

At 1800 on Wednesday 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SÎDI BARÂNI	120	3	14	02	1	4	Sc	21.9	15	63	8	0
MATRÛH	80	4	14	01	2	4	ac	21.5	14	72	9	0
EL DABA	40	5	7	01	1	3	Cu	22.2	16	59	8	0
ALEXANDRIA	90	11	35	02	2	6	Sc.Cu	23.6	15	72	10	0
FOUAD (Airport)	40	2	12	01	1	5	Sc.Cu	23.4	13	88	11	0
DAMIETTA	90	2	7	00	0	0	—	23.1	15	77	11	0
PORT SA'ÎD	120	5	18	02	0	1	ac	22.4	16	77	12	0
EL 'ARISH												
DAMANHÛR	130	5		02	1	2	Cu	23.6	13	95	13	0
MANSURA	90	5		00	1	0	—	23.8	13	88	11	0
TANTA	00	0	35	01	1	4	Cu.Sc	23.9	12	77	8	0
ZAGAZIG	40	1	35	02	1	0	—	23.3	13	77	9	0
ISMA'ÎLIA	20	5	35	01	0	0	—	23.0	14	88	12	0
FAROUK (Airport)	70	10	12	02	1	4	ac	22.5	15	63	8	0
ALMÂZA	90	16	50	01	0	0	—	22.4	15	59	7	0
EZBEKÎYA	00	0	8	00	0	5	Ci	22.4	16	56	7	0
GÎZA	00	0	8	00	0	5	Ci	22.2	16	45	4	0
HELWÂN	70	15	7	01	1	2	Ci	22.3	16	49	5	0
FAIYÛM	00	0	35	01	2	4	St	22.8	15	72	7	0
MINYA	00	0	8	02	2	2	ac	21.8	12	55	3	0
ASYÛT MANGABÂD	00	0	10	02	0	0	—	22.2	13	63	6	0
NAG' HAMMÂDI	00	0	7	02	0	6	ac.Cs	21.0	15	77	11	0
QENA	320	2	7	03	1	5	Cu	20.7	17	60	9	0
LUXOR	00	0	12	01	1	2	ac	20.2	17	56	8	0
ASWÂN	350	4	50	00	0	0	—	19.6	19	56	10	0
SÎWA	150	2	10	00	1	0	—	21.2	18	63	5	0
BAHARÎYA	00	0	15	02	1	0	—	22.0	18	63	5	0
FARAFRA	00	0	15	02	1	2	Ci	22.2	13	77	9	0
DAKHLA	340	4	50	01	1	3	Ci	22.6	15	39	1	0
KHARGA												
SUEZ												
TÛR	40	9	35	00	0	0	—	21.6	13	67	7	0
HURGHADA	230	5	10	01	1	3	ac	20.2	16	59	8	0
QUSEIR	230	9	15	01	1	2	ac	20.8	22	47	10	0
PORT SUDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	5	30	01	2	4	Cs	13.2	21	23	-1	0
EL FÂSHER	80	2	30	01	2	6	Cs		17	34	1	0
GENEINA	00	0	30	01	2	0	—		20	28	1	0
MALAKÂL	340	6	30	01	2	5	Cs	11.0	25	32	7	0
WÂU	00	0	10	04	2	6	Cs	8.9	24	41	10	0
JUBA												

At 0600 on Thursday 11th January, 1951

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SÎDI BARÂNI	180	3	14	00	0	1	Ci	21.4		11	21		8		82	8	0	95	
MATRÛH	190	8	15	03	1	6	Sc	22.0	+3.4	11	21		9		82	8	0	Rain	
EL DABA	00	0	15	00	0	0	—			10	21		7		88	8	0	32	
ALEXANDRIA	00	0	35	04	2	5	Cu.Ci	22.0	+3.1	15	20	+1	13	+3	77	11	0	39	115
FOUAD (Airport)	00	0	18	03	1	6	ac.Cu	21.8		12	21		9		94	11	0	Rain	83
DAMIETTA	320	2		41	4	4	Cu.ac	21.6	+3.6	13	20		10		95	13	0	Rain	50
PORT SA'ÎD	40	3	18	02	0	2	Cu.Ci	21.5	+3.8	15	19		14		82	12	0	5	
EL 'ARISH																			40
DAMANHÛR	90	5	1.5	28	4	3	Ci	22.7	+4.1	11	20	0	9	+1	88	9	0	24	45
MANSURA	360	5	35	02	1	3	ac	22.1	+3.7	12	22	+2	11	+4	88	10	0	18	20
TANTA	00	0	15	03	2	8	ac	22.4	+3.2	7	21	+1	5	-1	95	7	0	14	17
ZAGAZIG	00	0	1.5	43	4	0	—	23.0	+3.9	6	21	+1	4	-3	95	6	0	Rain	11
ISMA'ÎLIA	290	2	35	03	2	7	ac	21.5		11	21		9		88	7	0	9	
FAROUK (Airport)	40	3	14	03	1	2	Sc	21.9		9	21		7		94	8	0	Rain	
ALMÂZA	70	5	12	02	1	3	Ci	21.4	+2.0	9	21		9		88	7	0	1	
EZBEKÎYA	350	2	10	04	1	0	—	21.6	+2.2	10	22	+2	9	+1	82	7	0	1	11
GÎZA	350	2	10	04	1	0	—	21.6	+2.0	7	22	+3	5	-1	87	5	0	2	12
HELWÂN	00	0	3	40	2	2	Ci	21.6	+1.9	11	21	+3	10	+2	63	4	0	1	11
FAIYÛM											22	+1							3
MINYA	220	1	8	00	0	0	—	21.8	+1.8	5	18		2	-4	81	2	0	0	
ASYÛT MANGABÂD	00	0			0	0	—	22.0	+1.7	8	20				88	6	0	dr.	
NAG' HAMMÂDI	00	0		00	0	0	—	21.2	+1.4	12	23		6		63	5	0	0.1	
QENA	320	2	15	01	0	0	—	21.2	+3.1	10	21	-2	8	+1	76	6	0	0	
LUXOR	00	0	30	00	0	0	—	21.2	+1.9	12	22		5		51	2	0	0	
ASWÂN											24	+1							
SÎWA	00	0	11	02	1	2	Ci	22.4	+1.7	5	22	+3	3	-1	81	2	0	0	5
BAHARÎYA	00	0	35	02	1	3	ac	22.0	+1.7	9	20	0	2	-3	71	4	0	0	4
FARAFRA	220	3	35	02	0	0	—	22.8		3	20		-1		81	0	0	dr.	
DAKHLA	00	0	50	00	0	0	—	22.8	+2.3	6	22	0	4	-1	57	-2	0	0	
KHARGA																			
SUEZ																			9
TÛR	40	8	35	00	0	0	—	20.8	+2.8	9	21	0	8	-1	71	4	0	4	8
HURGHADA	230	8	30	03	0	1	ac	19.7	+1.2	14	20		9		59	6	0	0	
QUSEIR	330	9	15	02	0	0	—	19.6	+1.8	16	25	+2	15	+1	77	12	0	dr.	4
PORT SUDÂN	350	10	30	50	8	7	Sc	16.3		23	27		20		74	18	dr.	Rain	86
WÂDI HALFA	10	6	50	02	0	0	—	19.8		11	23		9		58	3	0	dr.	
ABU HAMAD	360	6	30	02	0	0	—			16	26		12		49	5	0		
KAREIMA	360	2	30	02	0	0	—	17.1		15	31		12		52	5	0	dr.	1
'ATBARA	340	5	30	02	0	0	—	16.6		16	28		11		56	7	0	0.3	2
KHARTÛM	360	9	30	02	0	0	—	15.7		16	29		11		42	3	0	dr.	4
KASSALA	100	4	30	02	0	0	—	12.0		21	32		15		53	11	0	dr.	8
WÂD MEDANI	360	9	35	02	0	0	—	14.8		17	31		14		28	-2	0	46	12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	14.6		19	34		15		49	8	0	0	36
EL OBEID	20	10	30	03	1	4	Ci			12	28		9		41	-1	0	6	16
EL FÂSHER											26								6
GENEINA	70	6	30	03	1	6	Cs			12	29		9		36	-3	0		4
MALAKÂL	20	15	30	03	2	8	Cs	13.1		21	33		17		21	-2	0	70	88
WÂU	00	0	30	02	2	8	Ci	13.9		17	33		14		56	8	0	144	143
JUBA	180	2	10	04	0	8	Cs	13.1		23	35		16		44	10	0	191	144

UPPER AIR OBSERVATIONS

Humidity — Mean of day

Station	on 10th %	Diff. from normal
Alexandria	73	+1
Fahoum	58	-11
Giza	67	-7
Helwan	52	-6

GÎZA — Grass minimum temp. on 11th 2.9 °C

Remarks

Aeroplane Ascent

On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport — On 10th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	188	16	49		
950					
900					
850	1546	5	53	100	15
800					
700	3126	1		200	10
600					
500	5739	-16		250	14
400	7379	-42		—	—
300	9386	-43		270	40

Airport — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Station	El Arish Dir.	El Arish Vel.	S. Barrani Dir.	S. Barrani Vel.	Siwa Dir.	Siwa Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Dakhla Dir.	Dakhla Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.
Time	12		14		14		14		14		14		14		14		14	
Height m.																		
300	190	10	70	13	50	23			80	9			90	13			290	3	40	7	360	3
600	180	11	90	8	40	22			80	12			140	11	350	5			40	5	60	8	220	2
1000	200	13	200	9	50	18			90	9			140	14	20	4			60	11			100	3
1500	310	8			40	16			80	7			170	8	180	2			340	7	340	6	50	5
2000	310	3			60	10			80	9					190	8					70	6	80	3
3000					120	11			190	2													170	9
4000	150	13			120	18																	210	14
5000	170	13																					280	14
6000																							260	30
7000																								
8000																								

UPPER WIND OBSERVATIONS on 11th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Mangabâd Dir.	Asyut Mangabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.
Time													2									
Height m.																						
300													220	2								
600													240	3								
1000													170	8								
1500													300	3								
2000													240	26								
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	E. Fâsher Dir.	E. Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time																								
Height m.																								
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

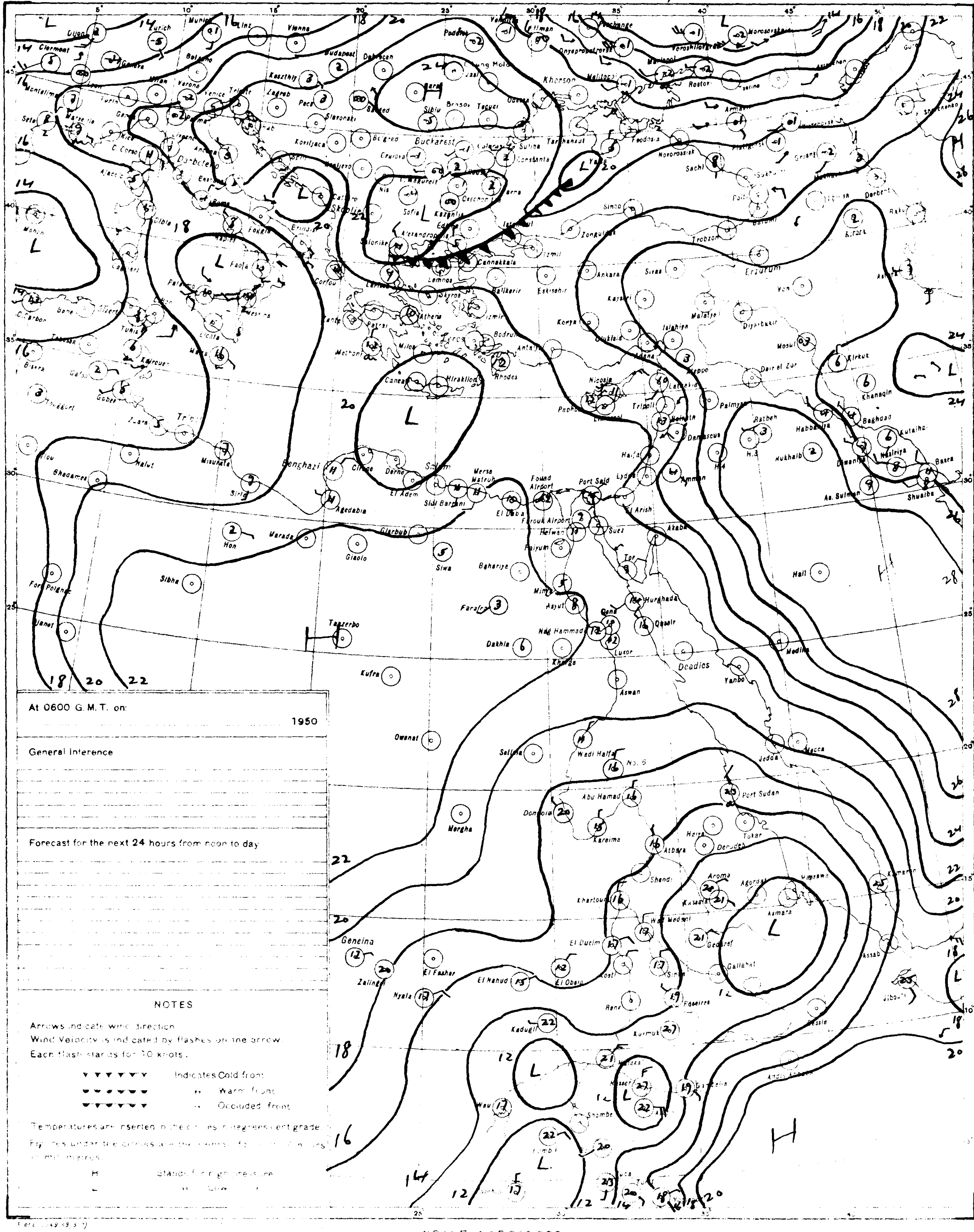
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).

Note All times G. M. T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 11-1-1950*



At 0600 G.M.T. on 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼	Indicates Cold front
●●●●●●	,, Warm front
▼●▼●▼●	,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the amount of rainfall in ... hours in millimetres.

H Stands for high pressure

L ,, ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Hail }	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 ,, ,,	2
3/8 ,, ,,	3
4/8 ,, ,,	4
5/8 ,, ,,	5
6/8 ,, ,,	6
7/8 ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or amount of cloud cannot be estimated owing to darkness	9

M.A.H.

CAIRO
Time of Sunrise 04 52 G.M.T.
" " Sunset 15 14 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Friday 12th January, 1951

At 1200 on Thursday 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	340	5	35	02	1	4	Ci	20.2	21	41	7
	303	SÎDI BARÂNI	350	3	18	02	1	2	Sc	20.3	19	43	6
	305	MATRÛH	30	6	15	02	1	5	Sc, Ci	20.5	19	46	7
	309	EL DABʻA	40	4	35	00	0	0	—	20.9	20	41	6
		ALEXANDRIA	360	9	50	02	2	3	Cu, Ci	20.4	18	60	10
	318	FOUAD (Airport)	340	6	18	02	2	5	Cu, Ci	20.5	19	52	9
	330	DAMIETTA	320	5	35	03	1	6	Cu, Ac	19.9	18	73	13
	333	PORT SAʻÎD	360	5	30	02	1	6	Cu, Ci	19.6	18	68	12
	336	EL ʻARISH	00	0	35	03	2	3	Cu	19.6	18	52	8
Lower Egypt	339	DAMANHUR	40	5	15	02	1	3	Cu	20.1	20	56	11
	342	MANSURA	320	5	15	02	1	3	Ac	20.6	20	38	11
	348	TANTA	00	0	35	03	2	6	Cu, Sc	19.7	19	52	9
	354	ZAGAZIG	320	1	35	03	4	3	Cu	20.0	20	56	11
	440	ISMAʻILIA	20	2	35	03	2	8	Cu	19.4	20	56	11
Cairo Area	366	FAROUK (Airport)	340	5	30	02	2	7	Cu, Ci	19.9	19	46	7
	372	ALMAZA	40	12	15	03	1	6	Ci	19.6	20	46	8
		EZBEKIYA	00	0	18	02	1	7	Cu	19.6	19	46	7
		GIZA	00	0	18	02	1	7	Cu	19.4	21	41	7
	375	HELWÂN	360	2	35	00	2	7	Cs	19.6	20	33	3
Upper Egypt	381	FAIYÛM	00	0	35	03	2	0	—	20.2	19	46	7
	387	MINYA	210	2	10	02	1	3	Ci	19.3	21	38	6
	393	ASYÛT MANQABÂD	320	4	12	02	1	2					7
	399	NAGʻ HAMMADI	00	0	7	00	0	0	—	18.2	21	57	12
	402	QENA	320	2	50	00	0	0	—	17.6	21	50	10
	405	LUXOR	00	0	30	00	0	0	—	17.3	23	36	7
	414	ASWÂN	320	2	50	00	0	0	—	15.9	24	30	5
Oases	417	SÎWA	00	0	12	02	1	2	Ci	20.3	20	49	9
	420	BAHARIYA	00	0	35	02	1	3	Ac	19.5	21	41	7
	423	FARAFRA	320	2	35	02	0	0	—	20.7	19	52	9
	432	DAKHLA	340	4	50	00	0	0	—	19.6	20	24	-1
	435	KHARGA	00	0	35	00	0	0	—	18.0	22	21	-1
Red Sea	450	SUEZ	40	8	50	03	2	5	Ac, Ci	18.4	19	46	7
	459	TÔR	310	10	50	00	0	0	—	17.9	21	65	14
	462	HURGHADA	340	6	30	02	0	1	Ci	16.5	21	57	12
	465	QUSEIR	360	9	15	02	0	0	—	17.8	22	74	17
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA	360	13	50	02	0	0	—	15.7	24	30	5
	640	ABU HAMAD	340	3	30	02	0	0	—		27	23	4
	660	KAREIMA	70	5	30	02	0	0	—	13.2	26	27	5
	680	ʻATBARA											
	721	KHARTUM											
	730	KASSALA	340	3	30	02	0	0	—	6.3	33	24	10
Central Sudan	751	WAD MEDANI	360	9	35	02	0	0	—	8.3	31	18	4
	801	RENK											
	802	ROSEIRES			35	02	0	0	—	6.6	33	23	9
	[illegible]	EL OBEID	20	12	30	03	1	5	Cs	9.5	28	12	-4
	760	EL FASHER	60	3	50	02	2	6	Cs		27	23	4
	770	GENEINA	60	2	30	01	1	5	Cs		29	12	-2
S. Sudan	840	MALAKAL	20	10	30	02	2	8	Cs	7.3	33	15	3
	880	WAU	20	5	30	02	2	8	Cs	6.8	33	14	2
	941	JUBA	20	5	30	01	2	6	Cs	5.8	35	16	6

At 1800 on Thursday 11th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALÛM	00	0	15	02	1	4	Ci	19.9	15	68	9	0
SÎDI BARÂNI	130	1	12	03	1	3	Ci	20.4	13	77	9	0
MATRÛH	50	20	15	01	1	3	Cs	21.4	12	77	8	0
EL DABʻA	00	0	7	01	1	2	Cu	20.2	13	63	6	0
ALEXANDRIA	360	5	35	03	2	5	As	21.4	17	52	7	0
FOUAD (Airport)	360	3	12	01	1	2	Cs	20.9	14	77	10	0
DAMIETTA	320	2	7	00	0	0	—	20.6	16	77	12	0
PORT SAʻÎD	360	6	15	01	2	3	Cu, Ci	19.0	17	72	12	0
EL ʻARISH	220	2	15	01	0	2	Ci	19.1	14	77	12	0
DAMANHUR	40	5		02	0	0	—	21.5	14	77	10	0
MANSURA	320	5		00	1	0	—	21.2	15	68	9	0
TANTA	00	0	35	02	1	0	—	21.8	12	88	10	0
ZAGAZIG	90	1	15	02	1	0	—	21.1	12	88	10	0
ISMAʻILIA	20	2		01	0	0	—	22.0	14	88	12	0
FAROUK (Airport)												
ALMAZA	40	8	12	02	1	5	Cu, Ci	20.4	16	72	11	0
EZBEKIYA	00	0	12	02	1	6	Cu	20.4	15	72	10	0
GIZA	00	0	12	02	1	6	Cu	20.2	12	88	10	0
HELWÂN	360	4	15	01	1	0	—	20.8	15	68	9	0
FAIYÛM	00	0	35	03	1	2	As	21.2	14	77	10	0
MINYA	00	0	8	00	0	0	—	19.9	10	54	1	0
ASYÛT MANQABÂD	250	3	10	00	0	0	—	19.7	14	52	4	0
NAGʻ HAMMADI	00	0		00	0	0	—	18.5	14	77	10	0
QENA	290	3	7	00	0	0	—	18.4	15	48	7	0
LUXOR												
ASWÂN	350	4	50	00	0	0	—	17.3	20	41	6	0
SÎWA	00	0	10	03	1	6	Ci	20.7	13	63	6	0
BAHARIYA	00	0	15	02	1	0	—	20.4	12	55	3	0
FARAFRA	130	2	15	03	0	0	—	20.6	13	67	7	0
DAKHLA	00	0	50	00	0	0	—	21.2	15	39	1	0
KHARGA	00	0	15	00	0	0	—	19.8	16	32	-1	0
SUEZ												
TÔR	40	9	35	00	0	0	—	18.0	16	59	8	0
HURGHADA	290	16	10	00	0	0	—	17.1	19	64	12	0
QUSEIR	360	9	15	02	0	0	—	18.0	22	74	17	0
PORT SÛDÂN	00	0	30	01	1	1	Ac	15.1	24	74	19	dr.
WÂDI HALFA												
ABU HAMAD	320	3	30	02	0	0	—		21	31	3	0
KAREIMA	20	3	30	02	0	0	—	14.0	21	50	5	0
ʻATBARA	360	2	30	02	0	0	—	13.1	21	53	6	0
KHARTUM	340	7	30	02	0	0	—	12.9	22	33	5	0
KASSALA	360	2	30	02	0	0	—	12.9	22	44	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	3	30	01	1	1	Ci	13.3	21	23	-1	0
EL FASHER												
GENEINA												
MALAKAL	20	4	30	01	2	4	Ac, Ci	11.6	25	36	9	0
WAU	20	5	30	02	0	0	—	9.4	26	32	8	0
JUBA	00	0	10	04	2	2	Ci	8.7	25	39	10	0

At 0600 on Friday 12th January, 1951

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb °C	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st
SALUM	320	2	15	00	0	0	—	19.9		12	21		9		55	3	0	84	
SÎDI BARÂNI	180	2	14	00	0	0	—	20.1		10	23		7		77	6	0	95	
MATRÛH	200	3	12	00	0	0	—	20.9	+2.3	10			7		88	8	0	Rain	
EL DABʻA	00	0	15	01	1	3	Cu	19.6		11	21		9		77?	7	0	32	
ALEXANDRIA	40	6	50	03	2	4	Cu	20.7	+1.8	18?	21	+2	13	+3	52?	8	0	39	117
FOUAD (Airport)	240	4	18	02	2	3	Cu	20.8		12	20		10		94	11	0	Rain	84
DAMIETTA	220	2	7	41	4	3	Cu	20.4	+2.5	13			10		88	11	0	Rain	51
PORT SAʻÎD	300	14	14	03	0	3	Sc, Cu	20.1	+2.4	16?	19		14		83?	13	0	5	
EL ʻARISH	200	2	35	01	0	1	Cu	19.6	+1.0	18?	21	+2	11	+4	60?	10	0	Rain	40
DAMANHÛR	40	5	3	28	4	1	Cu	21.2	+2.6	12	21	+1	10	+2	88	10	0	24	46
MANSÛRA	40	5	35	00	0	0	—	21.2	+2.4	12	22	+2	11	+4	88	10	0	18	21
TANTA	00	0	35	02	0	0	—	21.6	+2.4	10	21	+1	6	0	88	8	0	14	17
ZAGAZIG	00	0	3	43	4	0	—	21.6	+2.5	9	22	+2	6	-1	88	7	0	Rain	12
ISMAÎLIA	20	2			0	0	—				21		10			11	0	9	
FAROUK (Airport)	220	2	6	01	2	2	Sc	20.8		11			9		88	9	0	Rain	
ALMÀZA											20							1	
EZBEKIYA	00	0	12	00	0	0	—	21.0	+1.7	12	21	+1	10	+2	88	10	0	1	11
GÎZA	00	0	12	00	0	0	—	20.0	+0.5	11	21	+2	6	0	88	9	0	2	12
HELWÂN	00	0	3	40	2	1	Ac	20.8	+1.1	11	21	+3	10	+2	88	9	0	1	11
FAIYÛM	00	0	15	01	0	1	St	21.8	+2.4	11	23	+2	8	+2	88	9	0	dr	3
MINYA	10	2	8	00	2	0	—	20.3	+0.3	6	22		4		88	6	0	0	
ASYÛT MANQABÂD	00	0	4	01	0	1	Ci	21.0	+0.8	7	20		6		88	5	0	dr	
NAGʻ HAMMÂDI	00	0		01	0	3	Ac	21.2	+1.4	11	24		6		77	7	0	tr	
QENA	270	2	15	00	0	0	—	20.2	+1.1	11	23	0	8	+1	63	4	0	0	
LUXOR																			
ASWÂN	20	4	50	00	0	0	—	18.6	-0.5	14	25	+2	12	+2	55	5	0	0	
SÎWA	120	3	12	00	0	0	—	20.7	0.0	8	23	+4	4	0	66	2	0	dr	5
BAHARÎYA	00	0	35	02	0	0	—	20.8	0.0	13	22	+2	5	0	67	7	0	0	4
FARAFRA	240	2	35	02	0	0	—	21.4		5	22		1		70	0	0	dr	
DAKHLA	00	0	50	00	0	0	—	20.8	+0.3	5	22	0	3	-2	70	0	0	0	
KHARGA	00	0	35	00	0	0	—	20.3	+0.7	11	23	+1	5	-1	63	4	0	0	
SUEZ																			9
TÔR	40	8	50	02	2	3	Ci	18.3	+0.3	10	22	+1	8	-1	62	3	0	4	8
HURGHADA	230	8	30	03	1	3	Ac	17.8	-0.4	14	22		11		67	8	0	0	
QUSEIR	330	9	15	02	0	0	—	17.5	-0.3	17	25	+2	16	+2	60	9	0	dr	4
PORT SÛDÂN											28								86
WÂDI HALFA																			
ABU HAMAD											28								
KAREIMA											28								1
ʻATBARA											27								2
KHARTÛM											29								4
KASSALA	00	0	30	02	0	0	—	13.3		18	34		11		73	13	0	dr	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											29								16
EL FÂSHER	340	3	50	03	2	8	Cs			12	30		9		44	0	0	6	6
GENEINA																			4
MALAKÂL	20	13	30	03	1	5	Cs	12.5		22	34		17		29	3	0	70	88
WÂU	340	2	30	02	1	3	Ci	11.7		18	34		15		56	9	0	144	143
JUBA											35								144

HUMIDITY — Mean of day

Station	on 11th	Diff. from normal
Alexandria	63	-3
Ezbekiya	70	+1
Giza	83	+10
Helwan	61	+3

GIZA
Grass minimum temp. on 12th 4.7 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk Airport, On 11th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	163	18	49	30	11
950					
900					
850	1531	10	50	360	6
800					
700	3115	1	27	270	20
600					
500	5722	-18		260	37
400	7549	-31		270	56
300	9340	—		230	74

RAWINSONDE — ... Airport, On ... At ... (pressures 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300 mbs; no entries)

RAWINSONDE — ... Airport, On ... At ... (pressures 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300 mbs; no entries)

UPPER WIND OBSERVATIONS on 11th

Height m.	Fouad A.P. (14) Dir.	Vel.	El Arish (15) Dir.	Vel.	Farouk A.P. (14) Dir.	Vel.	(blank) Dir.	Vel.	Minya (14) Dir.	Vel.	(blank) Dir.	Vel.	S. Barrani (14) Dir.	Vel.	Aswan (14) Dir.	Vel.	Asyut (14) Dir.	Vel.	Siwa (14) Dir.	Vel.	Port Said (14) Dir.	Vel.	Hurghada (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.
300	50	10	210	9	10	16			320	2			350	8	360	8	320	4			340	10	10	7	330	8
600	70	10	290	10	10	16			300	2			20	3	40	8	290	7	180	4	340	14	330	9	320	9
1000	100	9	280	9	10	16			350	7			160	5	60	10	270	10	70	3	340	12	310	10	350	6
1500	90	10	310	9	40	10			280	5			140	6	130	5	340	3	40	7	340	20	270	13	310	10
2000	70	8	10	7	300	6			300	7					40	4	310	9	340	13	350	11	270	6	320	17
3000	30	21			280	12			280	15					60	9	290	14	260	13						
4000			190	4	260	23									280	16	240	22	270	19						
5000					260	23											280	27								
6000					260	41											280	42								
7000																	280	42								
8000																										

UPPER WIND OBSERVATIONS on 12th

Height m.	Sîdi Barâni (8) Dir.	Vel.	Matrûh (8) Dir.	Vel.	Fouad Airport (2) Dir.	Vel.	Port Saʻîd (2) Dir.	Vel.	El ʻArîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya (2 30) Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor (8 15) Dir.	Vel.	Aswân Dir.	Vel.	Hurghada (8 15) Dir.	Vel.	Farouk (9) Dir.	Vel.
300	160	11	20	7			20	5					40	12			340	5			340	20	360	9
600	140	8	110	7	110	7	10	4					20	10			10	8			330	20	20	12
1000	110	4	30	3	120	9	20	3					20				360	6			280	4	30	15
1500	60	3	90	6	110	10	10	10					300	6			310	6			310	11	40	10
2000			320	2	70	11							300	12			320	9			320	9	310	8
3000			230	18																			300	12
4000																							280	22
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa (8) Dir.	Vel.	Baharîya Dir.	Vel.	Dakhla (8) Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa (4) Dir.	Vel.	Abu Hamad (4) Dir.	Vel.	Kareima Dir.	Vel.	Khartûm (4) Dir.	Vel.	Kassala Dir.	Vel.	El Obeid (4 30) Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl (4) Dir.	Vel.
300	100	30			360	3			20	12														
600	120	23			360	4			40	13	60	13			10	17							20	23
1000	110	14			340	12			20	9	30	15			30	21			30	17			20	30
1500	40	5			310	10			10	6	70	11			90	9			40	5			20	17
2000	70	3													350	8			200	5				
3000	300	16							290	18	230	4			340	10			210	19			210	4
4000	270	12							320	19									230	1				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3- Present weather, Past weather, Form and amount of cloud are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note All times G.M.T.

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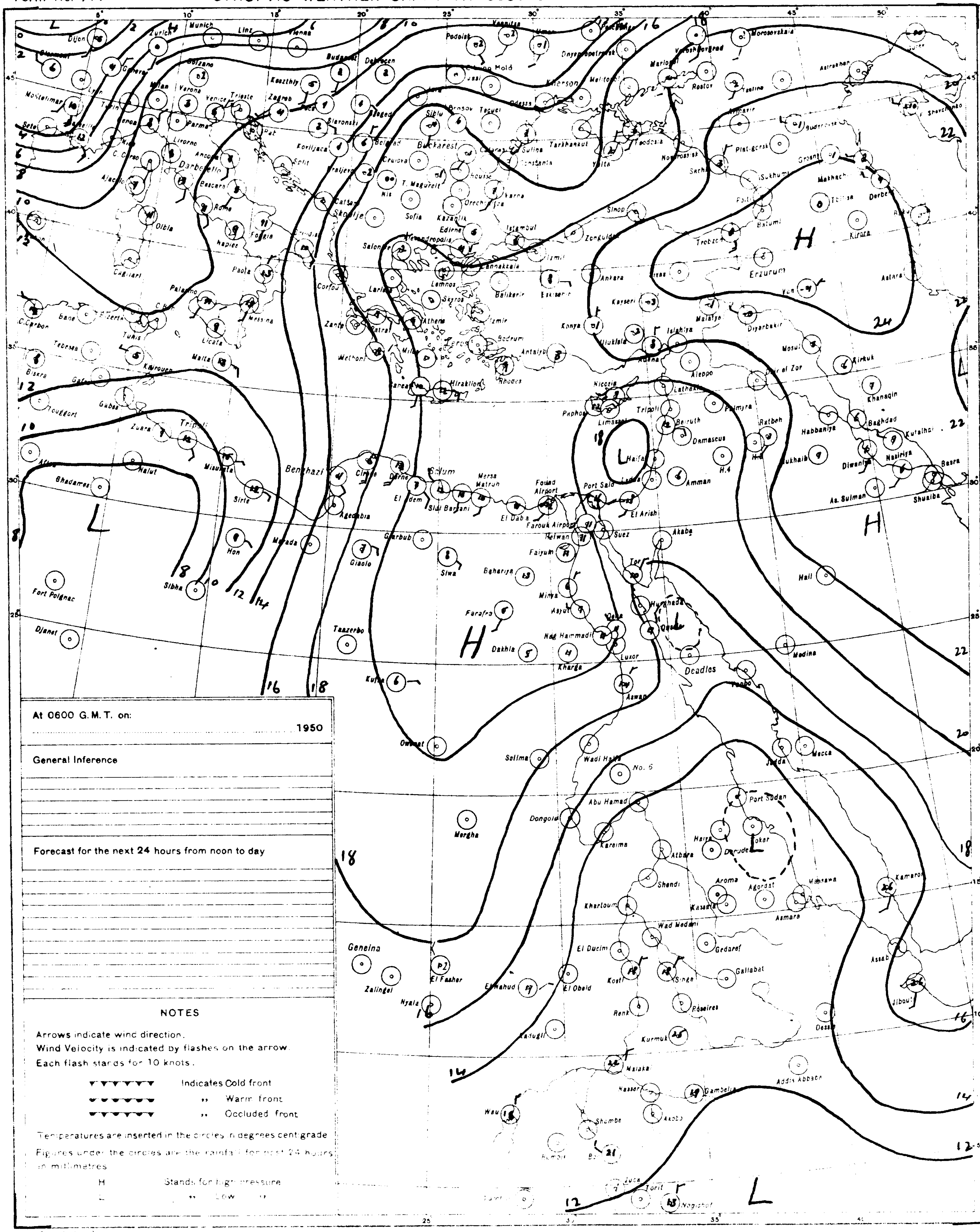
Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday* 12-1-1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm front
▼●▼●▼● ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade

Figures under the circles are the rainfall for past 24 hours in millimetres

H Stands for high pressure
L ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E (145,53,35?)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 52 G.M.T.
" " Sunset 15 15 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 13th January, 1950

At 1200 on Friday 12th

Area	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	SALUM	110	9	35	00	0	0	—	16.6	20	41	6
	SIDI BARANI	90	8	14	02	0	0	—	16.8	19	49	8
	MATRUH	90	9	15	03	0	1	Cu	18.0	20	41	6
	EL DABA	70	9	35	02	2	5	Sc, Cu	17.8	19	46	7
	ALEXANDRIA	40	8	50	01	2	2	Cu	18.6	18	60	10
	FOUAD (Airport)	20	10	18	01	1	2	Cu	18.6			
	DAMIETTA		5	35	02	6	3	Cu	19.1	17	68	11
	PORT SAID	360	6	30	03	1	4	Cu, Sc		18	73	13
	EL 'ARISH											
Lower Egypt	DAMANHUR	360	9	15	02	1	2	Cu	20.7	20	56	11
	MANSURA	20	9	35	03	2	5	Cu	19.0	21	50	10
	TANTA	270	5	35	01	1	4	Cu, Sc	19.2	20	56	11
	ZAGAZIG	320	1	35	03	2	3	Cu	19.2	21	50	10
	ISMAILIA	320	2	35	03	1	6	Cu	19.1	21	40	7
Cairo and Area	FAROUK (Airport)	20	10	14	02	2	5	Cu	18.4	19	49	8
	ALMAZA	70	13	15	02	2	5	Cu	17.9	19	52	9
	EZBEKIYA	00	0	18	02	1	4	Cu	18.0	20	49	9
	GIZA	00	0	18	02	1	4	Cu	18.2	21	33	4
	HELWAN	360	13	35	01	1	4	Cu	17.8	19	46	7
Upper Egypt	FAIYUM	290	4	35	03	1	3	St	19.1	20	46	8
	MINYA	20	8	10	00	0	0	—	17.4	21	38	6
	ASYUT MANQABAD	320	5	12	00	0	0	—	16.3	20	46	8
	NAG' HAMMADI	00	0	7	02	0	5	Ac		21	57	12
	QENA	220	2	50	00	0	0	—	15.8	20	46	8
	LUXOR											
	ASWAN	350	4	50	00	0	0	—	14.6	23	32	5
Oases	SIWA	120	13	12	02	0	1	Ci	18.0	20	46	8
	BAHARIYA	90	3	35	02	1	3	Ac	17.9	20	46	8
	FARAFRA	70	5	35	02	2	5	Ci	19.8	21	41	7
	DAKHLA	00	0	50	00	0	0	—	17.0	22	25	1
	KHARGA	00	0	35	00	0	0	—	17.0	22	29	3
Red Sea	SUEZ	360	5	50	01	0	2	Cu	17.5	19	52	9
	TOR	310	12	50	00	0	0	—	16.0	20	56	11
	HURGHADA	320	12	30	00	0	0	—	14.0	20	60	12
	QUSEIR	20	9	15	02	0	0	—	16.2	22	61	14
	PORT SUDAN	20	14	30	01	2	6	Cu, Sc	11.7	27	70	21
North Sudan	WADI HALFA	360	10	50	02	0	0	—	14.3	24	22	1
	ABU HAMAD	20	3	50	02	0	1	Ci		28	27	7
	KAREIMA	40	4	30	03	0	6	Ci	11.5	28	31	9
	'ATBARA	360	5	30	03	1	6	Ci	9.9	29	29	9
	KHARTUM	40	5	30	02	0	1	Ci	9.6	30	22	6
	KASSALA	340	3	30	02	0	0	—	6.7	33	26	11
Central Sudan	WAD MEDANI											
	RENK	300	5	50	02	0	0	—	6.4	33	23	9
	ROSEIRES											
	EL OBEID	20	9	30	03	0	1	Cs	9.2	27	14	-1
	EL FASHER	70	5	30	01	1	1	Ci		28	22	4
	GENEINA	90	9	30	01	2	5	Ci		30	10	-5
South Sudan	MALAKAL	00	0	30	01	2	0	—	6.6	33	14	2
	WAU	20	9	30	02	0	1	Ci	5.9	35	15	5
	JUBA	50	9	10	02	1	7	Cs	4.9	35	20	9

At 1800 on Friday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs. mms.
SALUM												
SIDI BARANI	120	8	10	03	0	3	Ci	17.0	14	77	10	0
MATRUH	140	8	15	02	0	1	Ac	18.7	13	72	8	0
EL DABA	00	0	7	00	0	0	—	18.3	12	77	8	0
ALEXANDRIA	40	9	35	01	2	2	Cu	19.0	15	68	9	0
FOUAD (Airport)	40	5	12	02	0	2	Sc	18.7	12	88	10	0
DAMIETTA	40	2	7	00	0	0	—	19.5	13	95	13	1
PORT SAID	60	4	18	02	0	1	Cu	19.5	16	77	12	0
EL 'ARISH												
DAMANHUR	40	9		02	0	0	—	20.0	13	88	11	0
MANSURA	40	5		00	1	0	—	20.2	15	77	11	0
TANTA	00	0	35	02	1	0	—	20.2	12	88	10	0
ZAGAZIG	40	2	35	02	1	0	—	19.5	13	88	11	0
ISMAILIA	20	5	35	01	0	0	—	19.4	15	68	9	0
FAROUK (Airport)	70	12	12	02	0	2	Sc	18.7	16	68	10	0
ALMAZA	60	10	12	01	1	2	Cu	18.4	16	68	10	0
EZBEKIYA	00	0	12	00	0	1	Ci	18.6	15	77	11	0
GIZA	00	0	12	00	0	1	Ci	18.4	15	68	9	0
HELWAN	20	4	7	01	0	0	—	18.3	15	59	7	0
FAIYUM	00	0	35	01	1	2	Sc	19.1	15	68	9	0
MINYA	360	5	8	00	1	0	—	17.3	12	67	6	0
ASYUT MANQABAD	240	3	8	03	1	0	—		15	59	7	0
NAG' HAMMADI	00	0	3	01	0	2	Ac	18.8	15	68	9	0
QENA	320	2	7	00	0	0	—	16.8	16	59	8	0
LUXOR	00	0	12	00	0	0	—	16.5	14	39	0	0
ASWAN	00	0	50	00	0	0	—	15.6	20	33	3	0
SIWA	90	9	10	01	1	2	Ci	17.1	16	56	7	0
BAHARIYA	90	3	15	02	1	8	Ac	18.2	14	55	5	0
FARAFRA	40	2	15	02	2	8	Cs	18.4	15	59	7	0
DAKHLA	00	0	50	03	0	3	Ci	18.6	16	42	3	0
KHARGA	00	0	15	00	0	0	—	19.1	15	30	-3	0
SUEZ	00	0	15	01	0	0	—	18.4	14	67	8	0
TOR	00	0	35	00	0	0	—	16.3	14	77	10	0
HURGHADA	260	9	10	00	0	0	—	16.1	16	68	10	0
QUSEIR	140	8	15	02	0	1	Ac	16.4	20	56	11	0
PORT SUDAN	340	7	30	02	1	7	Sc	14.5	25	79	21	0
WADI HALFA	360	7	50	02	0	0	—	15.6	18	18	-7	0
ABU HAMAD	360	5	30	02	0	0	—		22	36	6	0
KAREIMA	310	4	30	02	0	0	—	13.4	23	47	11	0
'ATBARA	300	2	30	01	1	1	Cs	11.9	23	41	9	0
KHARTUM	360	8	30	03	1	3	Ci	11.8	25	45	12	0
KASSALA	360	5	30	02	0	0	—	11.0	23	47	11	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	03	0	3	Ci		19	28	0	0
EL FASHER	00	0	30	01	1	1	Cs		20	24	-1	0
GENEINA												
MALAKAL	40	5	30	02	2	8	Cs	9.9	26	51	15	0
WAU	50	2	30	02	0	0	—	9.2	27	37	11	0
JUBA												

At 0600 on Saturday 13th January, 1951

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SIDI BARANI	130	18	10	00	0	7	Sc, Ac	13.0		13	20				77	9	0	95	
MATRUH	140	15	12	22	6	6	As, Sc	14.9	-3.7	13	20		10		77	9	dr.	Rain	
EL DABA	180	2	15	01	0	3	Cu			9	20		7		88	7	0	32	
ALEXANDRIA	130	10	35	04	2	2	Cu, Ci	16.3	-2.5	13	20	+1	12	+2	88	11	0	39	118
FOUAD (Airport)	110	9	12	03	0	2	Ac	16.3		11	21		10		94	10	0	Rain	85
DAMIETTA	140	2	7	03	0	1	Cu	17.6	-0.3	14	18		10		88	12	1	Rain	52
PORT SAID	140	6	12	02	0	1	Sc	17.2	-0.4	15	20		13		77	11	0	S	
EL 'ARISH	140	2	35	02	0	0	—	18.0	-0.5				12	+5		7	0	Rain	41
DAMANHUR	130	9	0.8	28	4	0	—	17.6	-1.0	10	21	+1			88	8	0	24	47
MANSURA	90	5	35	00	0	0	—	17.6	-0.8	10	22	+2	8	+1	88	8	0	18	21
TANTA	00	0	35	02	0	0	—	18.4	-0.8	9	21	+1	6	0	88	7	0	14	17
ZAGAZIG	40	2	1.5	43	4	0	—	17.9	-1.2	9	23	+3	7	0	95	9	0	Rain	12
ISMAILIA	90	9	35	01	0	0	—	17.4		14	22		11		67	8	0	9	
FAROUK (Airport)	20	4	14	00	0	0	—	17.0		12	20		9		67	6	0	Rain	
ALMAZA	40	5	15	00	0	0	—	16.3	-3.0	12	20		10		77	8	0	1	
EZBEKIYA	320	2	12	00	0	0	—	16.2	-3.1	10	21	+1	8	0	82	7	0	1	11
GIZA	320	2	12	00	0	0	—	16.7	-2.8	9	21	+2	3	-3	88	7	0	2	12
HELWAN	00	0	7	00	0	0	—	17.0	-2.6	11	20	+2	10	+2	77	7	0	1	11
FAIYUM	00	0	15	02	0	0	—	16.9	-2.5	9	21	0	6	0	88	7	0	dr.	3
MINYA	00	0	8	00	0	0	—	17.1	-2.9	6	21		2		88	4	0	0	
ASYUT MANQABAD	90	3	4	01	0	0	—	17.6	-2.6	9	21		6		82	6	0	dr.	
NAG' HAMMADI											23								
QENA	360	2	15	00	0	0	—	17.9	-1.2	11	22	-1	7	0	63	4	0	0	
LUXOR	00	0	30	00	0	0	—	17.3	-1.9	10	26		6		38	-4	0	0	
ASWAN	00	0	50	00	0	0	—	16.9	-2.2	15	24	+1	11	+1	52	5	0	0	
SIWA	80	10	10	03	5	6		13.5	-7.2	11	20	+1	9	+5	77	7	dr.	dr.	5
BAHARIYA	20	3	35	02	1	4	Ac	16.8	-4.0	10	21	+1	5	0	88	8	0	0	4
FARAFRA	110	2	35	01	2	4	Ci	17.1		11	23		4		63	4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	17.2	-3.3	8	24	+3	5	0	31	-8	0	0	
KHARGA	00	0	35	00	0	0	—	17.2	-3.4	9	22	0	5	-1	62	2	0	0	
SUEZ	00	0	35	00	0	0	—	17.0	-1.8	11	20	0	7	-3	88	9	0	0.3	9
TOR	40	8	50	00	0	0	—	16.8	-1.2	8	21	0	8	-1	95	8	0	4	8
HURGHADA	230	5	30	03	0	1	Cu	16.5	-1.7	13	21		8		48	2	0	0	
QUSEIR	310	13	15	02	0	0	—	17.2	-0.6	16	24	+1	15	+1	68	10	0	dr.	4
PORT SUDAN											28								86
WADI HALFA	360	2	50	02	0	0	—	16.8		13	25		8		29	-5	0	dr.	
ABU HAMAD											31								
KAREIMA											29								1
'ATBARA											29								2
KHARTUM											31								4
KASSALA	110	5	30	03	1	4	Cs	12.0		23	33		15		69	17	0	dr.	8
WAD MEDANI	20	9	35	02	0	3	Ci	13.1		20	33		15		43	7	0	46	12
RENK																			49
ROSEIRES	310	9	35	02	0	0	—			20	34		13		43	7	0	0	36
EL OBEID	10	6	30	02	1	7	Cs	14.2		17	30		12		34	1	0	6	16
EL FASHER	00	0	30	03	1	3	Ci			11	31				51	1	0	6	6
GENEINA											32								4
MALAKAL	10	14	30	03	1	6	Cs	11.7		22	34		17		27	3	0	70	88
WAU	00	0	50	02	0	0	—	10.5		20	35		16		49	9	0	144	144
JUBA	00	0	30	02	0	4	Cs	11.2		22	36		19		47	10	0	191	144

HUMIDITY

Mean of day

STATION	On 12th	Diff. from normal
Alexandria	56	-10
Ezbekiya	75	+7
Giza	71	-2
Helwan	68	+10

GIZA

GRASS MINIMUM TEMP. ON 13th 1.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk AIRPORT — On 12th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	18	46	50	10
950					
900					
850	1515	5	53	60	18
800					
700	3090	1		130	16
600					
500	5724	-4		280	35
400	7371	-28		300	58
300	9369	-43		300	78

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

Height m.	Minya Dir.	Minya Vel.	S. Barani Dir.	S. Barani Vel.	Matruh Dir.	Matruh Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.
Time	14		14		14		14		14		14		14		14 15	
300	350	12	90	25	90	19	300	10	110	23	40	6	50	6	350	19
600	20	11	120	10	90	8	350	12	110	23	20	8	50	7	330	16
1000	50	12	100	17	120	12	360	12	120	21	20	9	50	9	300	13
1500	40	8			160	15	40	6	150	16			50	8	310	13
2000	220	10					220	3	180	7			40	6	270	3
3000							290	7	200	11					300	12
4000							290	15	240	20					300	21
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 13th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time							2						2											
300							100	20					50	10										
600							80	26					80	6										
1000							80	23					140	7										
1500													150	7										
2000													210	19										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									5				5						4 30					
300																								
600									80	6			50	20										
1000									110	3			40	9					40	22				
1500									340	7			70	7					70	11				
2000																			50	1				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3 Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

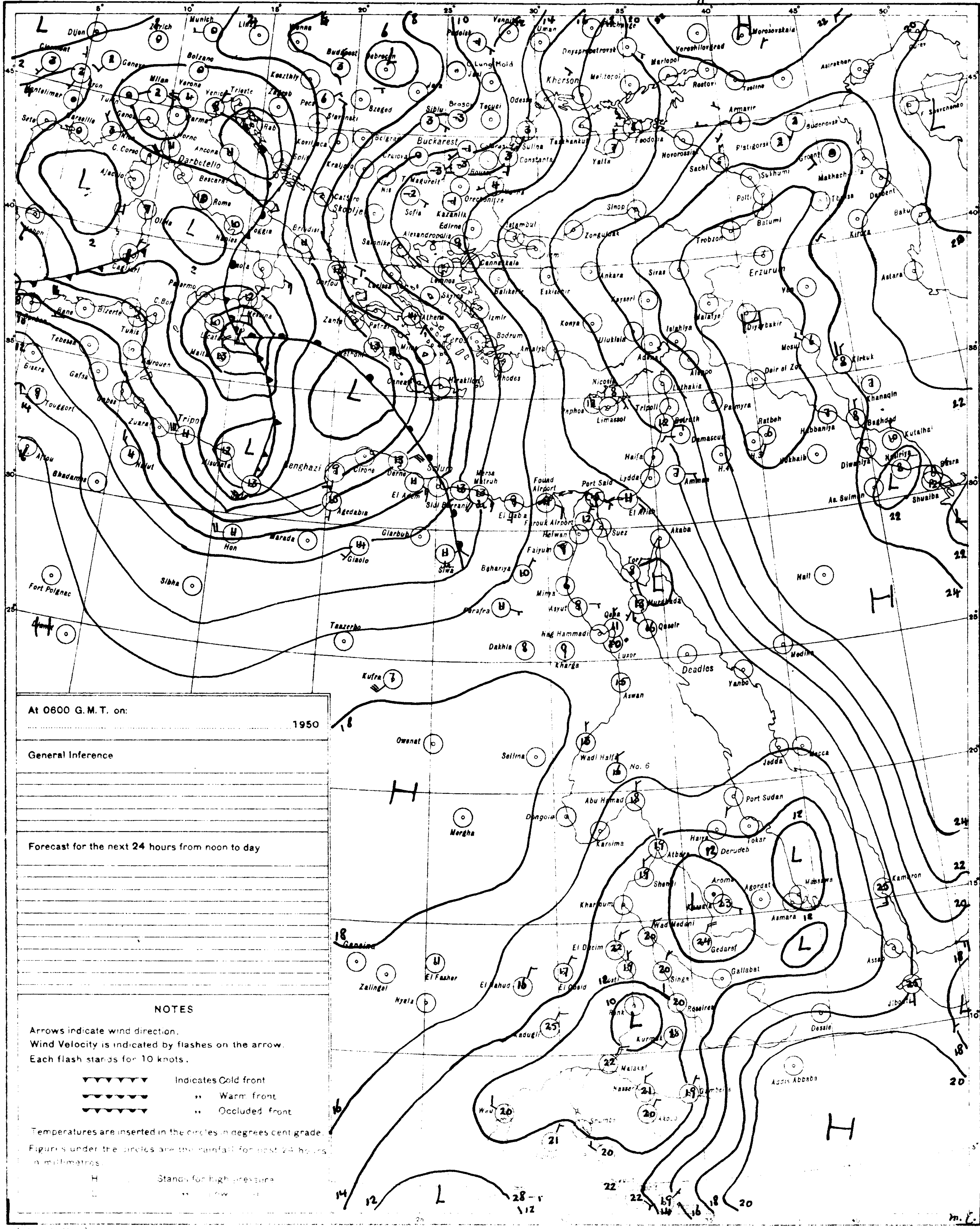
Printed by the Survey of Egypt 1949 (44 557).

Note. All times G. M. T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday* 13/1/1950



At 0600 G.M.T. on:

.... 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
●●●●●● ,, Warm front
▼●▼●▼● ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, ,, low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 04 52 G.M.T.
Time of Sunset 15 16 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: *Sunday 14th January*, 1950

At 1200 on Saturday 13th

Area	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Mediterranean	Salûm											
	Sîdi Barâni	180	22	4	07	2	0	—	5.6	21	21	-2
	Matrûh	140	28	8	07	2	7	ac	8.2	21	33	4
	El Daba	140	20	15	03	2	6	sc	9.3	20	41	6
	Alexandria	130	19	35	03	2	4	sc,ci	12.1	18	52	8
	Fouad (Airport)	120	18	18	03	2	6	ac	11.9	18	56	9
	Damietta	140	5	35	03	1	3	ac	12.6	18	60	10
	Port Saîd	100	9	30	03	0	2	ac	12.7	18	60	10
	El 'Arîsh											
Lower Egypt	Damanhûr	130	9	15	02	1	5	ac	13.5	19	52	9
	Mansûra	90	5	35	02	1	3	ac	14.3	22	44	9
	Tanta	160	2	35	01	1	4	cu,sc	13.5	20	46	8
	Zagazig	220	3	50	03	1	3	cu	13.8	20	46	8
	Ismailia	140	2	35	03	1	3	ac	13.8	22	50	11
Cairo Area	Farouk (Airport)	220	12	18	03	0	1	as	13.9	22	29	3
	Almâza	230	12	30	01	3	1	—	13.5	22	36	6
	Ezbekiya	00	0	18	02	1	5	cu	13.5	22	38	7
	Gîza	00	0	18	02	1	5	cu	13.9	24	32	6
	Helwân	200	4	15	02	0	0	—	13.8	21	28	2
Upper Egypt	Faiyûm	00	0	35	02	0	0	—	14.6	21	41	7
	Minya	190	6	10	00	1	0	—	13.7	22	31	4
	Asyût Manqabâd	90	6	12	00	0	0	—	13.1	21	53	11
	Nag' Hammâdi	00	0		00	0	0	—	14.2	22	50	11
	Qena	290	2	50	00	0	0	—	13.6	22	53	12
	Luxor	270	4	30	00	0	0	—	13.4	24	38	9
	Aswân	00	0	50	00	0	0	—	12.5	28	27	7
Oases	Sîwa	270	19	8	07	2	8	ci	10.7	21	47	9
	Baharîya	180	5	35	02	1	4	ac	12.8	25	22	2
	Farafra	220	11	35	02	2	6	ac	13.1	24	32	6
	Dakhla	00	0	50	03	0	4	ci	14.3	24	26	3
	Kharga	00	0	35	00	0	0	—	14.7	24	21	0
Red Sea	Suez	180	4	50	03	1	3	as	13.3	19	52	9
	Tôr	220	21	50	00	0	0	—	14.7	21	57	12
	Hurghâda	20	2	30	00	0	0	—	12.9	22	61	14
	Quseir	90	9	15	02	0	0	—	13.5	22	74	17
	Port Sudân											
North Sudan	Wâdi Halfa											
	Abu Hamad											
	Kareima											
	Atbara											
	Khartûm											
	Kassala											
Central Sudan	Wâd Medani											
	Renk											
	Roseires											
	El Obeid											
	El Fâsher											
	Geneina											
South Sudan	Malakâl											
	Wâu											
	Juba											

At 1800 on Saturday 13th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
Salûm												
Sîdi Barâni	230	7	10	02	0	0	—	9.5	16	49	5	0
Matrûh	220	14	8	00	0	0	—	10.2	15	39	1	0
El Daba	00	0	7	00	0	0	—	10.8	15	45	3	0
Alexandria	130	16	35	02	2	6	cb	13.3	16	68	10	0
Fouad (Airport)	130	8	12	01	6	4	ac	12.6	16	68	10	dr.
Damietta	140	5	7	03	2	5	ac	12.2	16	77	12	0
Port Saîd	90	5	14	01	1	4	ac	12.9	17	77	13	0
El 'Arîsh												
Damanhûr	130	9		02	1	6	ac	13.5	15	77	11	0
Mansûra	90	5		03	2	6	sc,cu	14.0	15	77	11	0
Tanta	00	0	7	03	5	6	cb	14.6	16	59	8	0.2
Zagazig	220	1	15	03	1	3	cu	13.8	17	60	9	0
Ismailia	160	2	35	03	5	8	ci	14.0	16	77	12	dr.
Farouk (Airport)	180	15	12	02	2	7	ac	13.9	19	37	4	0
Almâza	200	17	12	02	2	7	ac	13.2	18	46	6	0
Ezbekiya	00	0	12	02	8	8	cu	13.4	18	52	8	dr.
Gîza	00	0	12	02	8	8	cu	13.9	18	46	6	dr.
Helwân	00	0	7	02	6	5	cu,sc	14.2	11	58	3	0.2
Faiyûm	00	0	35	03	2	4	as	14.7	17	52	7	0
Minya	130	4	8	02	1	2	sc	14.0	14	52	4	0
Asyût Manqabâd	140	10	10	02	2	6	cs	14.7	19	46	7	0
Nag' Hammâdi	00	0		03	2	7	ac	15.6	15	88	13	0
Qena	320	2	7	00	0	0	—	14.6	16	68	10	0
Luxor	00	0	12	00	0	0	—	14.8	16	59	8	0
Aswân	00	0	50	00	0	0	—	14.6	24	32	6	0
Sîwa	260	5	6	07	0	0	—	13.1	15	59	7	0
Baharîya	00	0	15	02	1	4	ac	13.4	19	30	1	0
Farafra	270	9	15	02	2	5	ci	14.0	20	41	6	0
Dakhla	20	4	50	03	2	7	ci	16.8	18	28	-1	0
Kharga	00	0	15	03	2	6		16.7	18	20	-5	0
Suez	180	3	15	03	1	4	cu	13.4	17	60	9	0
Tôr	40	4	35	00	0	0	—	15.4	17	77	13	0
Hurghâda	180	5	10	03	1	3	ac	14.2	16	59	8	0
Quseir	20	9	15	02	0	0	—	14.5	21	74	16	0
Port Sudân	20	2	30	03	2	7	ac	15.1	25	79	21	0
Wâdi Halfa												
Abu Hamad	50	1	30	02	0	0	—		24	34	7	0
Kareima												
Atbara	340	2	30	01	2	2	ci	11.7	25	42	11	0
Khartûm	360	7	30	01	1	2	ci	10.7	26	32	8	0
Kassala	50	8	30	01	2	0	—	9.3	27	40	12	0
Wâd Medani												
Renk												
Roseires												
El Obeid	30	7	30	01	0	0	—	10.5	27	20	2	0
El Fâsher	00	0	30	01	1	2	ci				6	0
Geneina	00	0	30	01	1	0	—		25	24	3	0
Malakâl	90	1	30	01	2	3	ci	8.4	26	32	8	0
Wâu	20	5	30	02	0	0	—	8.0	27	33	9	0
Juba												

At 0600 on Sunday 14th January

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
Salum																			
Sîdi Barâni	240	8	8	07	0	0	—	11.8		11	22		10		63	4	0	95	
Matrûh	220	13	3	07	0	0	—	13.0	-5.5	11	22		10		63	4	0	Rain	
El Daba																	0	32	
Alexandria	200	8	35	04	0	0	—	14.6	-4.2	12	19	0	11	+1	63	5	0	39	120
Fouad (Airport)	180	7	6	06	0	0	—	14.7		11	18		10		77	7	dr.	42	87
Damietta	220	2	7	00	0	0	—				19		8			6	0	Rain	53
Port Saîd	240	11	12	01	0	0	—	15.2	-2.4	14	19		14		67	8	0	5	
El 'Arîsh	220	2	35	03	2	3	as	15.9	-2.6	14			11	+4			0	Rain	41
Damanhûr	230	13		02	0	0	—	15.8	-2.8	10	20	0	9	+1	76	6	0	24	48
Mansûra	180	9	35	00	0	0	—	16.4	-1.9	9	22	+2	8	+1	71	4	0	18	22
Tanta	00	0	7	03	2	8	ac	16.8	-2.4	10	22	+2	8	+2	62	3	0.2	14	18
Zagazig	140	2	35	02	1	0	—	16.2	-2.9	11	22	+2	9	+2	63	4	0	Rain	12
Ismailia	250	5	35	01	0	0	—	16.0		14	24		13		48	3	dr.	9	
Farouk (Airport)	180	11	8	00	0	0	—	16.6		14	23		13		52	4	0	Rain	
Almâza	180	9	12	00	0	0	—	16.1	-3.2	13	22		12		44	1	0	1	
Ezbekiya	00	0	12	00	0	0	—	16.4	-2.9	13	23	+3	10	+2	51	3	dr.	1	11
Gîza	00	0	12	00	0	0	—	16.3	-3.2	13	24	+5	8	+3	55	4	dr.	2	12
Helwân	00	0	7	00	0	0	—	16.8	-2.8	13	22	+4	12	+4	38	-1	0.2	1	12
Faiyûm	00	0	7	01	0	0	—	17.1	-2.3	12	24	+3	8	+2	55	3	0	dr.	3
Minya	180	2	8	02	1	1	ci	17.5	-2.5	8	22		5		76	4	0	0	
Asyût Manqabâd	00	0	8	01	0	0	—	17.6	-2.6	11	25		8		51	1	0	dr.	
Nag' Hammâdi											25								
Qena	320	2	15	00	0	0	—	17.1	-2.0	12	25	+2	10	+2	63	5	0	0	
Luxor	00	0	30	01	0	1	ac	16.3	-2.9	14	26		10		52	4	0	0	
Aswân											29	+6							
Sîwa	200	16	4	40	0	0	—	15.8	-4.9	11	23	+4	10	+6	82	8	0	dr.	5
Baharîya	180	3	35	02	0	0	—	17.5	-2.8	12	25	+5	8	+3	55	3	0	0	5
Farafra	00	0	35	02	0	0	—	18.4		11	27		5		51	1	0	dr.	
Dakhla	270	4	35	00	0	0	—	18.0	-2.5	11	25	+4	8	+3	51	1	0	0	
Kharga	00	0	15	00	0	0	—	17.2	-2.4	13	24	+2	9	+3	34	-3	0	0	
Suez	360	5	35	00	0	0	—	15.9	-2.8	16	22	+2	12	+3	42	3	0	0.3	9
Tôr	40	9	50	00	0	0	—	15.6	-2.4	15	23	+2	8	-1	88	13	0	4	8
Hurghada	230	7	30	03	0	2	ac	14.2	-4.0	17	23		13		60	9	0	0	
Quseir	180	5	15	00	0	0	—	16.0	-1.8	19	25	+2	16	+2	88	17	0	dr.	4
Port Sûdân	340	9	30	03	1	6	sc,ci	16.4		25	28		21		74	20	0	Rain	87
Wâdi Halfa	130	2	50	02	0	0	—	16.0		15	27		11		32	-2	0	dr.	
Abu Hamad	20	4	30	02	0	0	—			20	31		16		41	6	0		
Kareima	50	4	30	02	0	0	—	14.8		19	31		15		49	8	0	dr.	1
'Atbara	340	8	30	02	0	0	—	14.2		20	31		17		64	13	0	0.3	2
Khartûm	20	9	30	01	0	0	—	12.9		21	33		17		47	9	0	dr.	4
Kassala											36								8
Wâd Medani	50	9	35	02	0	0	—	12.6		20	35		14		56	11	0	46	12
Renk																			49
Roseires	360	5	35	02	0	0	—	13.5		17	36		14		64	10	0	0	36
El Obeid	350	5	30	03	0	3	ci	13.4		19	32		14		35	3	0	6	16
El Fâsher	00	0	50	03	1	7	cs			12	32		9		41	-1	0	6	6
Geneina	90	4	30	03	1	4	ci			12	34		9		33	-4	0		4
Malakâl	20	6	30	03	2	7	cs				36		17			8	0	70	88
Wâu	00	0	30	01	2	4	cs	11.7		19	35		16		56	10	0	144	144
Juba	180	5	30	01	2	8	ac	11.1		16	36		21		68	10	0	191	144

Humidity % Mean of day

Station	on 13th	Diff. from normal
Alexandria	73	+7
Ezbekiya	58	-10
Gîza	61	-12
Helwan	50	-8

GÎZA
Grass minimum temp. on 14th 5.9 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Airport: On At — Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Airport: On At — Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Airport: On At — Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 13th

Station	Siwa		Asyut		Port Said		Minya		Dakhla		Hurghada	
Time	14		14		14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	260	20	200	5	150	9	170	10	160	4	90	10
600	260	21	200	10	200	14	220	14	190	10	140	5
1000	260	33	200	12	230	16	220	19	200	12	180	2
1500	250	46	260	18	220	17	250	17			250	6
2000	250	56	260	14	240	11	250	26			280	8
3000			240	24							300	17
4000			250	62							280	28
5000												
6000												
7000												
8000												

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time							2						2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							250	14					310	13										
600							260	12					310	12										
1000							280	7					290	10										
1500							300	6					190	13										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									5				5		4		4		5		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									90	7														
600									70	13			50	17	10	24	90	8					350	17
1000									70	4					10	22	130	13	40	21	40	7	20	36
1500									40	3					30	15	150	16	50	13	60	4	360	7
2000									290	11					70	13								
3000									270	21					10	11			70	13				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

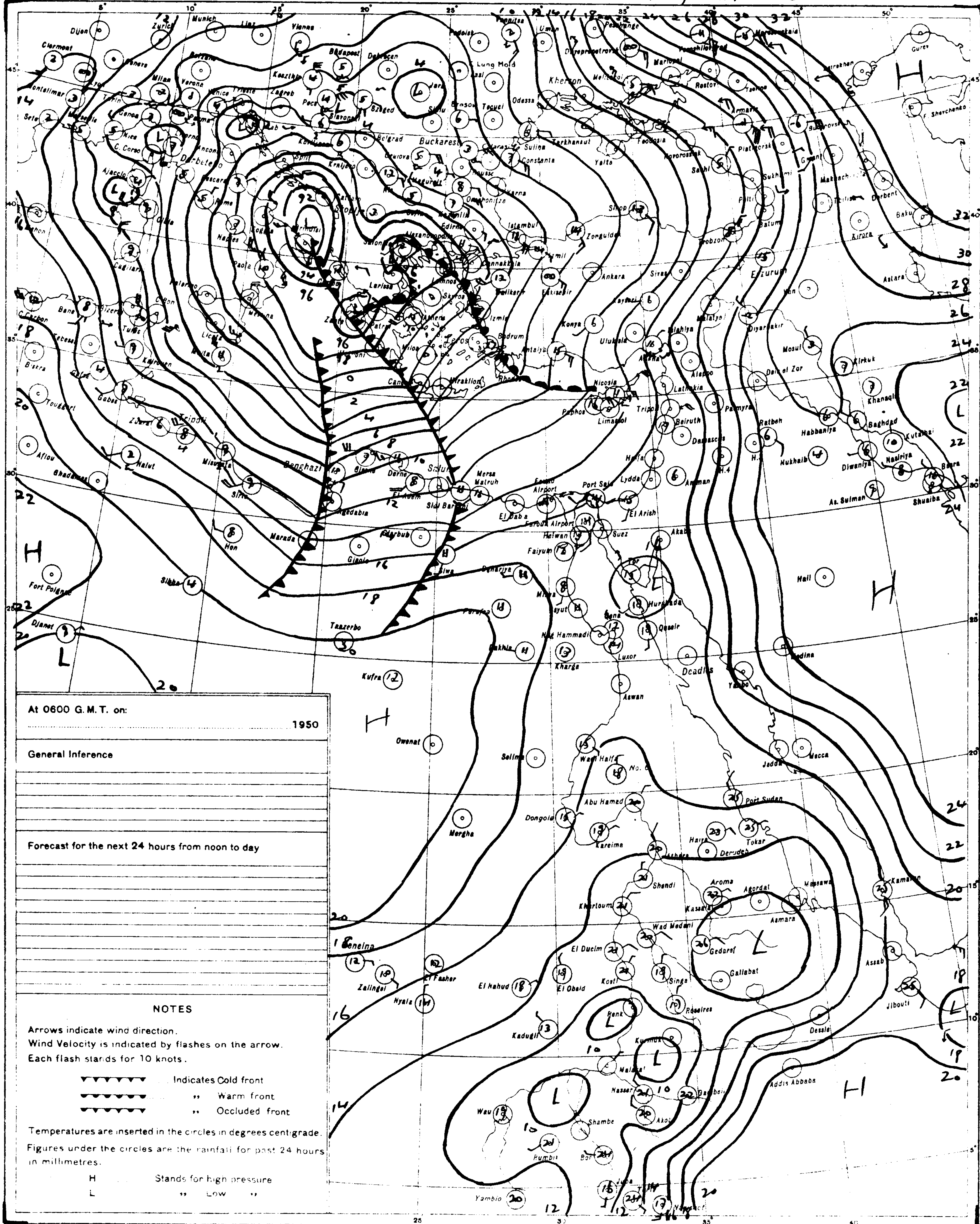
Printed by the Survey of Egypt 1949 (49 557).

Note: All times G. M. T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 14-1-1950*



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E (1949,49,557)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 17 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 15th January, 1950

At 1200 on Sunday 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
	62300	SALUM											
Mediterranean	303	SIDI BARÂNI	240	24	4	07	1	8	Sc,ac	9.8	17	28	-2
	306	MATRÛH	230	25	3	07	0	7	Sc	11.6	19	30	1
	309	EL DABA	220	8	15	00	0	0	—	11.7	20	33	3
		ALEXANDRIA	220	11	7	05	0	0	—	13.8	17	60	9
	318	FOUAD (Airport)	250	16	6	07	0	0	—	13.6	19	46	7
	330	DAMIETTA	220	15	7	03	2	8	as	14.7	19	49	8
	333	PORT SA'ID	270	12	4	05	0	0	—	14.3	19	56	10
	336	EL 'ARISH	220	12	35	01	0	0	—	17.0	20	41	6
Lower Egypt	339	DAMANHUR	270	19	7	02	0	0	—	15.4	20	46	8
	342	MANSURA	270	15	35	00	0	0	—	15.0	19	64	12
	348	TANTA	220	15	35	03	2	8	ac	15.3	19	52	9
	354	ZAGAZIG	220	13	35	02	0	0	—	15.1	19	58	10
	360	ISMA'ILIA	250	19	7	06	0	0	—	14.6	20	46	8
Cairo Area	366	FAROUK (Airport)	240	11	8	05	0	0	—	15.4	20	46	8
	372	ALMAZA	250	17	8	07	0	0	—	14.9	20	35	4
		EZBEKIYA	270	4	18	00	0	0	—	14.8	21	35	5
		GIZA	270	4	18	00	0	0	—	15.4	22	36	6
	378	HELWAN	200	9	7	02	0	0	—	15.4	20	33	3
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	16.3	20	46	8
	387	MINYA	00	0	10	00	0	0	—	15.5	22	31	4
	393	ASYUT MANQABAD	310	6	12	00	0	0	—	15.2	22	41	8
	399	NAG' HAMMADI	320	1	15	00	0	0	—	15.0	25	42	11
	402	QENA	220	1	50	00	0	0	—	15.4	24	47	12
	405	LUXOR	340	3	30	00	0	0	—	13.5	25	39	10
	414	ASWAN	200	4	50	00	0	0	—	13.2	28	31	9
Oases	417	SIWA	260	20	9	07	0	2	Cu	15.0	20	24	-1
	420	BAHARIYA	270	5	35	02	0	0	—	15.9	21	41	7
	423	FARAFRA	240	9	35	02	0	0	—	17.1	22	44	9
	432	DAKHLA	340	4	35	00	0	0	—	16.4	22	29	3
	435	KHARGA	360	1	15	00	0	0	—	16.5	26	13	-5
Red Sea	450	SUEZ	90	3	50	02	0	0	—	13.5	22	36	6
	459	TOR	130	8	50	00	0	0	—	13.8	24	61	16
	462	HURGHADA	50	6	30	00	0	0	—	13.1	24	69	18
	465	QUSEIR	140	9	15	01	1	0	—	14.6	24	94	23
	641	PORT SUDAN	70	13	30	02	1	2	Sc	14.1	27	74	22
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	70	6	30	02	1	0	—	10.6	32	26	10
	680	'ATBARA	20	13	10	07	0	0	—	8.9	33	23	9
	721	KHARTUM	40	12	30	03	0	1	Ci	8.1	33	20	7
	730	KASSALA	20	9	30	01	0	1	Ci	6.3	35	23	11
Central Sudan	751	WAD MEDANI	50	9	35	02	2	8	Ci	6.2	34	25	11
	801	RENK											
	802	ROSEIRES	360	9	35	02	0	0	—	5.1	37	17	8
	771	EL OBEID	70	5	30	02	1	2	Ci	7.7	33	19	6
	769	EL FASHER	120	4	50	02	0	8	Cs		33	20	7
	770	GENEINA	90	4	30	02	1	5	Cs		33	9	-4
S. Sudan	840	MALAKAL	50	10	30	02	2	7	—	8.7	35	18	7
	880	WAU	50	5	30				Cs				
	841	JUBA	90	5	30	03	2	8	ac,Cs	5.7	35	23	11

At 1800 on Sunday 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARÂNI	230	14	8	07	1	0	—	11.3	13	41	0	0
MATRÛH	240	13	4	07	0	0		14.2	14	32	-3	0
EL DABA	00	0	7	00	0	0	—	14.0	15	45	3	0
ALEXANDRIA	200	11	35	01	1	2	Sc,Cu	14.3	16	42	3	0
FOUAD (Airport)	220	15	12	03	0	1	Cu	14.2	15	55	6	0
DAMIETTA	180	5	7	01	1	5	ac	14.8	14	77	10	0
PORT SA'ID	220	5	4	05	0	0	—	15.0	16	68	10	0
EL 'ARISH	220	2	15	02	0	0	—	15.8	14	77	10	0
DAMANHUR	230	9		02	0	0	—	15.1	14	55	5	0
MANSURA	180	5		00	0	0	—	15.8	14	67	8	0
TANTA	270	2	35	02	1	0	—	15.7	13	67	7	0
ZAGAZIG	00	0	35	02	1	0	—	14.6	16	68	10	0
ISMA'ILIA	340	2	35	01	0	0	—	15.8	14	77	10	0
FAROUK (Airport)	200	12	12	00	0	0	—	16.6	16	59	8	0
ALMAZA	230	15	6	07	0	0	—	15.8	16	49	5	0
EZBEKIYA	00	0	12	00	0	0	—	16.0	15	59	7	0
GIZA	00	0	12	00	0	0	—	16.6	14	55	5	0
HELWAN	200	2	3	05	0	0	—	15.2	15	48	4	0
FAIYUM	00	0	35	02	0	0	—	17.4	14	67	8	0
MINYA	00	0	8	00	0	0	—	17.5	13	55	4	0
ASYUT MANQABAD	220	2	8	01	0	0	—	17.4	15	48	4	0
NAG' HAMMADI	00	0		00	0	0	—	16.2	16	68	10	0
QENA	320	2	7	00	0	0	—	16.3	18	46	6	0
LUXOR	00	0	12	00	0	0	—	15.6	17	49	6	0
ASWAN	00	0	50	00	0	0	—	14.6	25	34	8	0
SIWA	260	16	7	07	0	0	—	16.8	15	39	1	0
BAHARIYA	180	2	15	02	0	0	—	17.1	14	55	5	0
FARAFRA	240	5	15	02	0	0	—	17.6	15	59	7	0
DAKHLA	340	11	50	00	0	0	—	17.2	18	20	-5	0
KHARGA	00	0	15	00	0	0	—	17.2	17	18	-8	0
SUEZ	00	0	15	02	0	0	—	16.2	17	42	4	0
TOR	40	12	35	00	0	0	—	15.1	20	73	15	0
HURGHADA	170	1	10	00	0	0	—	14.1	19	75	15	0
QUSEIR	160	9	15	02	0	0	—	14.6	23	89	21	0
PORT SUDAN	00	0	30	03	2	7	Sc,Ci	15.4	25	79	21	0
WADI HALFA												
ABU HAMAD	40	3	30	02	0	0	—		26	35	9	0
KAREIMA	50	4	30	02	0	0	—	10.4	26	37	10	0
'ATBARA	340	5	30	02	0	0	—	11.3	25	39	10	0
KHARTUM	360	8	30	02	0	0	—	11.0	26	32	8	0
KASSALA	40	6	30	02	0	0	—	9.5	25	39	10	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	6	30	02	0	0	—	10.7	26	28	7	0
EL FASHER	70	2	50	02	2	4	Ci		26	27	5	0
GENEINA	340	3	30	01	1	4	Ci		23	15	-5	0
MALAKAL	20	1	30	01	1	2	Ci	8.6	27	42	13	0
WAU												
JUBA	00	0	30	02	2	8	ac,Ci	8.7	27	42	13	0

At 0600 on Monday 15th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM																			
SIDI BARÂNI	250	12	12	00	0	0	—	13.1		9	18		8		71	4	0	95	
MATRÛH	240	22	10	03	0	1	Cu	14.8	-3.7	9	20		9		82	6	0	Rain	
EL DABA	270	4	15	00	0	0	—	14.0		10	20		8		76	6	0	32	
ALEXANDRIA	220	22	35	03	2	4	Cb	15.4	-3.4	14	18	-1	9	-1	77	10	0	39	121
FOUAD (Airport)	220	18	12	03	1	2	Sc	15.3		10	19		10		71	5	0	42	88
DAMIETTA	200	5	7	00	0	0	—	15.7	-2.2	9	19		7		71	4	0	Rain	54
PORT SA'ID	230	16	6	05	0	0	—	15.2	-2.4	12	19		11		63	5	0	5	
EL 'ARISH	200	9	35	02	0	0	—	17.6	-0.8	15	22	+3	7		48	4	0	Rain	42
DAMANHUR	230	19	35	02	0	0	—	16.8	-1.8	9	21	+1	7	-1	62	2	0	24	49
MANSURA	320	9	35	00	0	0	—	17.6	-0.7	9	20	0	7	0	62	2	0	18	21
TANTA	220	5	35	02	0	0	—	18.2	-1.0	8	20	0	7	+1	71	3	0	14	18
ZAGAZIG	140	3	35	02	0	0	—	17.6	-1.5	8	20	0	6	-1	71	3	0	Rain	12
ISMA'ILIA	250	9	35	01	0	0	—	19.2		12	21		10		55	3	0	9	
FAROUK (Airport)	200	12	8	05	0	0	—	18.5		10	21		9		62	3	0	Rain	
ALMAZA	210	13	15	00	0	0	—	18.3	-0.9	10	20		9		62	3	0	1	
EZBEKIYA	00	0	12	00	0	0	—	18.3	-0.9	10	22	+2	10	+2	62	3	0	1	11
GIZA	00	0	12	00	0	0	—	18.2	-1.2	10	23	+4	8	+3	62	3	0	2	12
HELWAN	160	3	3	05	0	0	—	19.1	-0.5	9	20	+2	8	0	62	2	0	1	12
FAIYUM	00	0	35	02	0	0	—	20.4	+1.0	11	22	+1	7	+1	58	3	0	dr.	3
MINYA	00	0	8	01	1	2	Cu	20.7	+0.7	6	22		5		87	4	0	0	
ASYUT MANQABAD	270	5	6	10	0	2	Ac	20.6	+0.4	10	22		8		67	4	0	dr.	
NAG' HAMMADI	00	0	3	00	0	0	—			13	27		7		55	4	0	0.1	
QENA	320	2	15	00	0	0	—	19.6	+0.5	11	26	+3	9	+2	63	4	0	0	
LUXOR	00	0	30	00	0	0	—	18.9	-0.3	13	28		7		41	0	0	0	
ASWAN	190	4	50	00	0	0	—	19.0	0.0	16	29	+6	13	+3	49	5	0	0	
SIWA	260	6	6	06	0	0	—	19.2	-1.5	9	21	+1	8	+4	62	2	0	dr.	5
BAHARIYA	180	4	35	02	0	0	—	20.0	-0.3	10	21	+1	5		62	3	0	0	5
FARAFRA	00	0	15	02	0	2	Ci	21.5		10	23		2		62	3	0	dr.	
DAKHLA	320	4	35	00	0	0	—	21.5	+1.1	7	24	+3	6	+1	57	-1	0	0	
KHARGA	00	0	15	00	0	0	—	21.0	+1.4	12	26	+4	8		63	5	0	0	
SUEZ	180	3	35	00	0	0	—	18.2		16	24	+4	10	+1	42	3	0	0.3	9
TOR	310	8	35	00	0	0	—	17.0	-1.0	17	26		14	+5	88	15	0	4	8
HURGHADA	200	15	30	00	0	0	—	15.5	-2.7	19	26		12		40	5	0	0	
QUSEIR	310	9	15	02	0	0	—	16.3	-1.5	18	26	+3	17	+3	60	10	0	dr.	4
PORT SUDAN	240	2	30	03	1	3	Sc,Cu	15.9		24	27		16		79	20	0	152	87
WADI HALFA	270	7	30	02	0	0	—	18.7		13	30		12		21	-9	0	dr.	
ABU HAMAD	360	8	30	02	0	0	—			21	33		17		35	5	0		
KAREIMA	40	13	30	02	0	0	—	15.5		20	33		18		30	2	0	dr.	1
'ATBARA	20	5	30	02	0						34		17			14	0	0.3	2
KHARTUM	10	11	30	02	0	0	—	12.4		21	35		19		44	8	0	dr.	4
KASSALA	30	4	30	02	0	0	—	11.2		23	36		15		69	17	0	dr.	8
WAD MEDANI	310	5	35	02	0	0	—	12.6		20	36		14		56	11	0	46	12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	12.4		20	38		18		56	11	0	0	36
EL OBEID	10	7	30	02	0	0	—	13.0		21	34		16		35	5	0	6	16
EL FASHER	20	2	50	01	1	2	Ci			14	35		12		42	1	0	6	6
GENEINA	70	4	30	02	0	0	—			16	35		11		20	-7	0		4
MALAKAL		10	30	03	1	4	Ci	10.8		24	36		18		28	4	0	70	88
WAU	00	0	30	02	2	8	Cs	10.3		20	38		18		60	12	0	144	144
JUBA	230	9	30	03	2	8	Cs	10.9		25	35		19		45	12	0	192	140

HUMIDITY

Station	on 14th % Mean of day	Diff. from normal
Alexandria	49	-17
Ezbekiya	47	-21
Giza	49	-24
Helwan	44	-14

GIZA GRASS MINIMUM TEMP ON 15th 5.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk AIRPORT — On 14th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	131	20	35	240	9
950					
900					
850	1497	8	37	240	35
800					
700	3072	-2	32	230	60
600					
500	—	-16			
400	7323	-28			
300	9312	-46			

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Height m.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Dakhla Dir.	Vel.	Hurghada Dir.	Vel.
300	230	10	260	9	320	12	360	13	120	11
600	230	12	280	11	300	16	340	14	130	9
1000	230	12	260	11	290	14	330	10		
1500	260	14	280	9	230	10	330	19	240	12
2000					240	23			230	22
3000					210	31				
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 15th

Height m.	Sidi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwan Dir.	Vel.	Minya Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Dir.	Vel.
					8		4				8	45	2	30	8								8	
300					250	30	240	16			200	6	320	9	320	7							240	17
600					260	33	260	23			260	18	300	24	320	16							260	20
1000					290	36	240	26			250	19	290	19	310	17							260	21
1500							230	26			260	22	260	22	270	16							260	26
2000											240	24			270	27								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
	8		8		8				4				6				4		4	30			4	
300	270	33	270	30	340	14																		
600	270	37	270	30	340	17			30	23			40	19			50	4					10	25
1000	270	37	290	31	320	20			30	19							90	7	30	23			20	35
1500	280	28							10	5			40	12			70	5	50	11			40	17
2000	270	35											100	6					50	18				
3000									280	7			340	3			70	1	50	19			90	3
4000																			80	17				
5000																							130	17
6000																							20	14
7000																								
8000																								

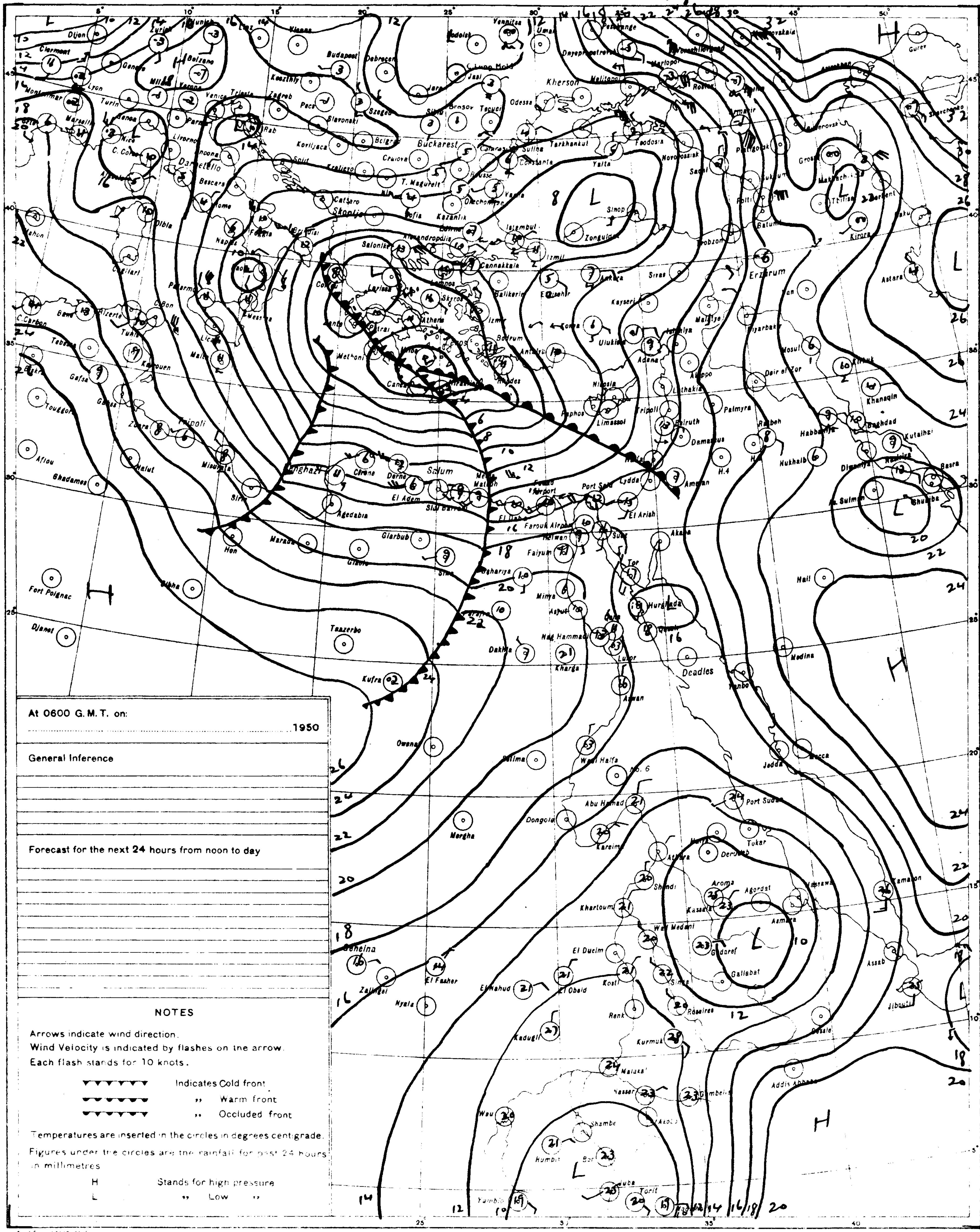
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

Printed by the Survey of Egypt 1949 (49/557).

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 15-1-1950



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres

H Stands for high pressure
L ,, Low ,,

S of E (49/49, 5??)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 52 G. M. T.
" " Sunset 15 18 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 16th January, 1950

At 1200 on Monday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SÎDI BARÂNI	260	23	10	03	0	2	cu	12.5	17		
	306	MATRÛH	260	27	3	07	0	0	—	13.3	18	37	3
	309	EL DABA	270		15	01	1	3	cu	14.2	17	77	13
		ALEXANDRIA	220	31	35	03	2	5	cb	14.6	16	49	5
	318	FOUAD (Airport)	240	24	10	03	3	4	sc	14.6	17	49	6
	330	DAMIETTA	200	15	35	03	1	2	cu	15.0	17	52	7
	333	PORT SA'ID	250	16	18	02	0	0	—	15.1	17	49	6
	336	EL 'ARISH	220	30	35	05	3	0	—	15.8	19	30	1
Lower Egypt	339	DAMANHUR	270	19	15	02	1	4	cu	16.2	18	46	6
	342	MANSURA	270	15	35	02	1	2	cu	16.4	18	46	6
	348	TANTA	220	13	35	02	0	0	—	15.9	17	52	7
	354	ZAGAZIG	220	5	35	03	1	3	cu	15.1	18	52	8
	360	ISMAÎLÎA	270	9	35	03	1	5	ac	16.2	18	46	6
Cairo Area	366	FAROUK (Airport)	240	22	12	02	1	3	sc	16.6	18	52	8
	372	ALMAZA	270	24	15	01	1	2	—	15.9	18	52	8
		EZBEKÎYA	270	15	18	02	1	4	cu	16.6	19	35	3
		GÎZA	270	15	18	02	1	4	cu	16.4	20	33	3
	378	HELWÂN	200	16	15	03	0	4	cu	16.6	18	37	3
Upper Egypt	381	FAIYÛM	290	8	35	03	1	3	cu, sc	18.8	19	37	4
	387	MINYA	250	4	6	03	1	3	ac	18.7	18	32	1
	393	ASYÛT MANQABÂD	240	6	8	01	0	1	ci	18.2	18	46	6
	399	NAG HAMMÂDI	290	3	7	01	0	3	ac	17.4	20	41	6
	402	QENA	130	2	50	03	1	4	cu	16.3	22	36	6
	405	LUXOR	360	10	18	02	1	1	as	16.5	21	26	1
	414	ASWÂN	360	6	50	00	0	0	—	15.6	23	32	5
Oases	417	SÎWA	270	16	11	07	0	0	—	18.6	18	46	6
	420	BAHARÎYA	270	4	35	02	1	3	ac	18.0	19	30	1
	423	FARAFRA	290	11	35	02	1		ci	20.3	17	52	7
	432	DAKHLA	340	11	35	03	0	2	ci	18.7	18	61	11
	435	KHARGA	00	0	15	03	2	3	ci	18.6	21	26	1
Red Sea	450	SUEZ	290	5	50	03	1	3	cu	16.3	20	41	6
	459	TÛR	310	11	35	00	0	0	—	16.3	20	88	18
	462	HURGHÂDA	330	16	30	03	0	3	ci	14.2	21	50	10
	465	QUSEIR	20	9	15	00	1	3	as	15.4	22	57	13
	641	PORT SUDÂN	100	8	30	02	0	1	cu, ac	13.0	27	70	21
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	20	4	30	02	0	0	—		32	26	10
	660	KAREIMA	20	10	30	02	0	0	—	10.3	31	24	8
	680	'ATBARA	360	13	10	07	0	0	—	8.6	34	20	8
	721	KHARTÛM	10	13	30	02	0	0	—	7.5	35	18	7
	730	KASSALA	40	11	30	02	0	0	—	5.4	35	18	7
Central Sudan	751	WÂD MEDANI											
	801	RENK	360	13	35	02	0	2	ci	5.8	36	19	9
	802	ROSEIRES	360	5	35	02	0	0	—	5.3	37	17	8
	771	EL OBEID	50	13	30	02	0	0	—	7.2	33	16	4
	762	EL FÂSHER	120	7	30	02	0	1	ci		33	16	4
	770	GENEINA	80	5	30	02	0	0	—		33	14	2
S. Sudan	840	MALAKÂL											
	880	WÂU	70	2	35	02	1	3	ci	5.3	36	15	6
	641	JUBA	90	5	30	02	2	8	cs	4.5	37	20	11

At 1800 on Monday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM												
SÎDI BARÂNI	240	9				2	sc	13.1	14	52	4	0
MATRÛH	270	14	8	07	1	1	cb	14.0	13	55	4	0
EL DABA			7	00	0	0	—	15.1	12	55	3	0
ALEXANDRIA	220	10	15	03	2	3	cu	15.2	14	48	3	0
FOUAD (Airport)	200	13	10	02	1	1	sc	15.2	14	55	5	0
DAMIETTA	200	5	7	01	1	0	—	15.9	12	77	8	0
PORT SA'ID	240	11	14	02	0	0	—	15.0	14	67	8	0
EL 'ARISH	220	5	15	02	0	0	—	16.4	15	48	4	0
DAMANHUR	270	13	7	02	0	0	—	16.4	12	63	5	0
MANSURA	220	5		00	1	0	—	16.7	11	63	4	0
TANTA	270	2	35	02	0	0	—	16.2	11	77	7	0
ZAGAZIG	220	1	35	02	1	0	—	16.2	15	59	7	0
ISMAÎLÎA	200	2	35	01	0	0	—	17.4	12	77	8	0
FAROUK (Airport)	220	13	12	00	0	0	—	17.6	14	59	6	0
ALMAZA	250	13	10	00	0	0	—	17.1	14	36	-1	0
EZBEKÎYA	00	0	12	00	0	0	—	17.4	14	48	3	0
GÎZA	00	0	12	00	0	0	—	17.9	10	62	3	0
HELWÂN	00	0	7	02	0	0	—	18.3	12	55	3	0
FAIYÛM	00	0	35	01	0	0	—	19.1	13	55	4	0
MINYA	00	0	8	00	0	0	—	19.5	10	54	1	0
ASYÛT MANQABÂD	220	4	10	00	1	0	—	20.0	12	59	4	0
NAG HAMMÂDI	00	0		01	0	4	as	19.0	12	77	8	0
QENA	220	2	7	02	1	4	cu	18.0	13	55	4	0
LUXOR	290	6	12	00	0	0	—	17.2	14	36	-1	0
ASWÂN	350	4	50	01	1	3	ac	17.6	20	24	-1	0
SÎWA	230	4	10	00	0	0	—	18.4	12	55	3	0
BAHARÎYA	00	0	15	02	1	0	—	20.0	8	46	-3	0
FARAFRA	00	0	15	02	0	0	—	20.3	11	51	1	0
DAKHLA	340	8	50	00	0	0	—	21.5	13	34	-3	0
KHARGA	00	0	15	00	0	0	—	20.6	13	34	-3	0
SUEZ	00	0	15	01	0	0	—	17.6	15	48	4	0
TÛR	360	12	15	00	0	0	—	17.6	16	88	14	0
HURGHÂDA	300	22	10	00	0	0	—	15.6	19	49	8	0
QUSEIR	360	9	15	01	1	0	—	16.2	20	56	11	0
PORT SUDÂN	220	1	30	02	1	2	cu	14.4	25	79	21	0
WÂDI HALFA	330	14	10	02	0	0	—	17.0	19	28	0	0
ABU HAMAD	340	6	30	02	0	0	—		26	21	2	0
KAREIMA												
'ATBARA	360	5	30	02	0	0	—	8.8	26	37	10	0
KHARTÛM												
KASSALA	40	7	30	01	0	0	—	8.2	27	33	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	00	0	50	02	0	2	ci		25	28	5	0
GENEINA	20	2	30	02	0	0	—		25	21	1	0
MALAKÂL	50	4	30	02	2	7	ci	7.3	28	25	6	0
WÂU	360	1	30	00	0	0	—	7.6	29	35	12	0
JUBA	00	0	30	03	2	8	ac	7.6	29	31	10	0

At 0600 on Tuesday 16th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	240	8	12	00	0	0	—	13.7		9	18		8		82	6	0	45	
MATRÛH	240	22	10	03	0	1	cb	14.6	-3.9	9	18		8		71	4	0	Rain	
EL DABA	250	4	15	00	0	0	—			10	18				62	3	0	32	
ALEXANDRIA	220	16	50	01	2	2	cu	15.4	-3.4	10	17	-2	8	-2	50	0	0	39	121
FOUAD (Airport)	220	17	18	02	1	1	cu	17.0		10	18		8		54	1	0	42	89
DAMIETTA	220	2	7	00	0	0	—	16.3	-1.6	9	17		6		62	2	0	Rain	55
PORT SA'ID	240	17	12	02	0	0	—	16.0	-1.6	11	18		10		51	1	0	5	
EL 'ARISH	220	2	35	02	0	0	—	16.7	-1.7	9	20	+1	8	+1	88	7	0	Rain	43
DAMANHUR	230	13		02	0	0	—	16.6	-2.0	9	19	-1	7	-1	47	-2	0	24	50
MANSURA	180	5	35	00	0	0	—	16.4	-1.9	6	19	-1	5	-2	71	1	0	18	23
TANTA	220	2	35	02	0	0	—	16.6	-2.5	8	19	-1	1	-5	58	0	0	15	18
ZAGAZIG	220	2	15	02	0	0	—	17.2	-1.9	7	20	0	5	-1	66	1	0	Rain	12
ISMAÎLÎA	220	9	35	00	0	0	—	17.5		11	19		9		51	1	0	9	
FAROUK (Airport)	200	18	18	00	0	0	—	17.7		9	18		8		62	2	0	Rain	
ALMAZA	230	18	15	00	0	0	—	17.8	-1.4	10	19		8		38	-4	0	1	
EZBEKÎYA	00	0	12	00	0	0	—	18.0	-1.2	9	19	-1	8	0	47	-2	0	1	12
GÎZA	00	0	12	00	0	0	—	18.4	-1.0	9	20	+1	7	+2	47	-2	0	2	13
HELWÂN	140	6	15	00	0	0	—	18.7	-0.9	8	18	0	7	-1	37	-6	0	1	12
FAIYÛM	190	5	35	02	0	0	—	20.3	+0.9	7	20	-1	4	-2	57	-1	0	dr.	4
MINYA	160	1	8	00	0	0	—	20.6	+0.6	6	19		2		64	-1	0	0	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	20.4	+0.2	6	18		4		76	2	0	dr.	
NAG HAMMÂDI											22								
QENA	320	2	15	00	0	0	—	20.2	+1.1	8	23	0	6	-1	71	3	0	0	
LUXOR	00	0	30	00	0	0	—	19.8	+0.6	8	23		3	-2	46	-3	0	0	
ASWÂN	350	5	50	02	1	4	sc	19.3	+0.3	12	25	+2	10	0	63	5	0	0	
SÎWA	260	4	11	00	0	0	—	18.8	-1.9	8	18	-2	7	+3	66	2	0	dr.	5
BAHARÎYA	180	5	35	02	0	0	—	20.3	0.0	10	19	-1	4	-1	38	-4	0	0	5
FARAFRA	00	0	35	02	0	0	—	21.0		7	19				57	-1	0	dr.	
DAKHLA	270	3	35	00	0	0	—	22.3	+1.9	5	19	-2	1	-4	38	-8	0	0	
KHARGA	00	0	15	00	0	0	—				22	0	4	-2		-2	0	0	
SUEZ	220	3	35	00	0	0	—	18.2	-0.4	15	22	+2	10	+1	30	-3	0	0.3	10
TÛR	310	16	15	00	0	0	—	20.3	+2.3	15	22	+1	8	-1	88	13	0	4	8
HURGHADA	230	8	30	00	0	0	—	18.5	+0.3	12	21		6		44	0	0	0	
QUSEIR	310	9	15	02	0	0	—	17.1	-0.7	14	23	0	13	-1	48	3	0	dr.	4
PORT SUDÂN											28								87
WÂDI HALFA											26								
ABU HAMAD											34								
KAREIMA																			1
'ATBARA											35								2
KHARTÛM																			4
KASSALA											37								8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FÂSHER											34								6
GENEINA											35								4
MALAKÂL											38								88
WÂU											38								144
JUBA											37								144

HUMIDITY

Mean of day

Station	% on 15th	Diff. from normal
Alexandria	57	-9
Ezbekiya	48	-20
Giza	57	-16
Helwân	52	-6

GÎZA
GRASS MINIMUM TEMP.
ON 16th 4.7 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk AIRPORT — On 15th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	138	16	30	260	17
950					
900					
850	1486	2	48	250	24
800					
700	3037	-3		260	47
600					
500	5630	-19		260	65
400	7257	-30			
300	9251	-43			

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Height m.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.
Time	14		14		14 15		14		14	
300	280	16	230	10	320	17	300	12	270	24
600	280	18	210	9	300	22	300	16	270	31
1000	280	16	210	11	280	18	300	19	270	34
1500	260	14			250	18	300	11	270	30
2000							280	21	270	33
3000							270	36	280	36
4000							270	36		
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time							8				7		3										8 30	
300							250	21			160	9	280	11									230	17
600							250	23			220	6	270	17									260	26
1000							250	19			250	22	270	20									250	31
1500							240	21			250	23	280	29									260	23
2000																							260	32
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time																								
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

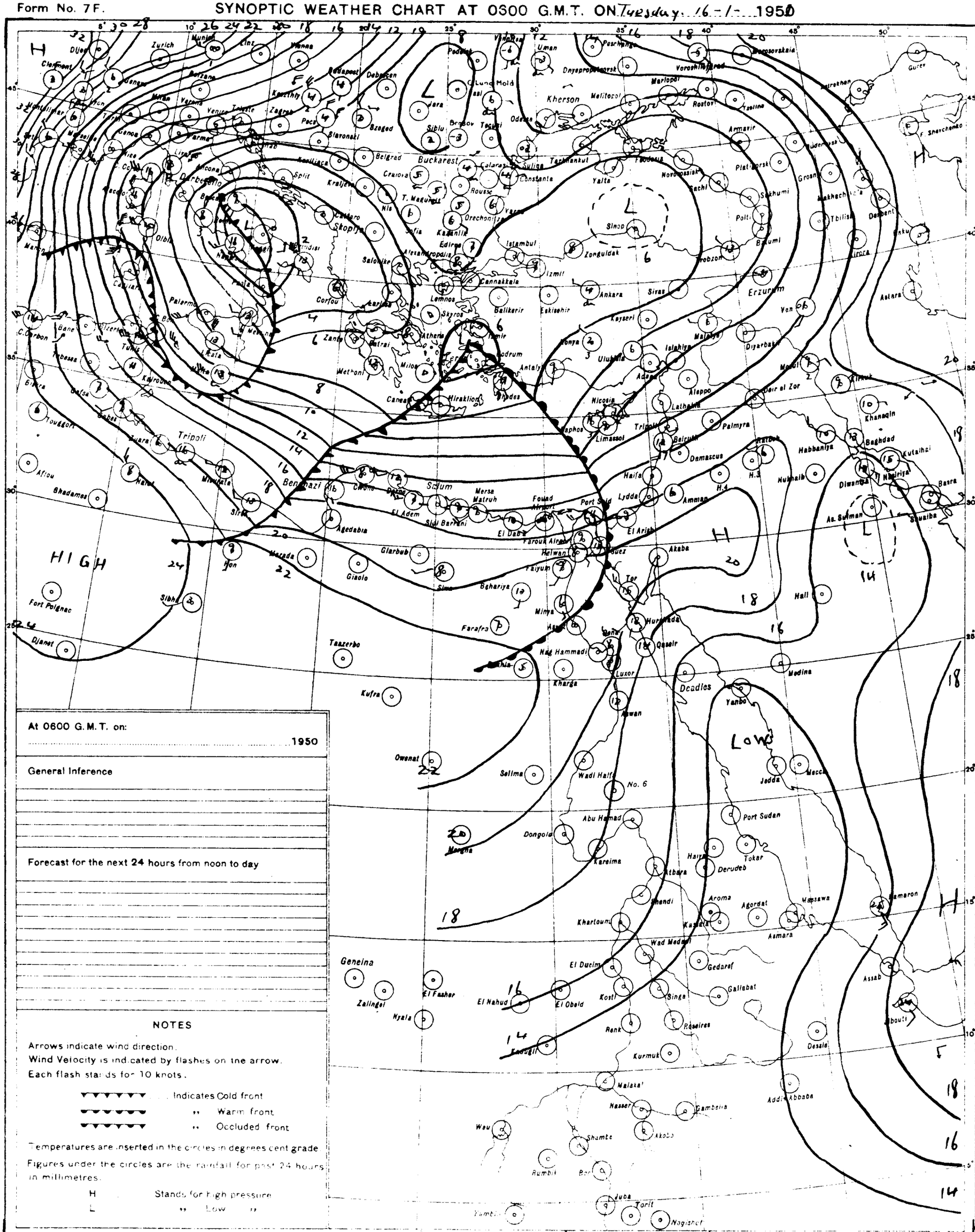
Printed by the Survey of Egypt 1949 (49/557).

Note: All times G. M. T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 16-1-1950



At 0600 G.M.T. on: 1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
" Warm front
" Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Dustatorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		0
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 52 G. M. T.

" " Sunset 15 19 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 17th January, 1950

At 1200 on Tuesday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	303	SIDI BARÂNI	270	15	12	03	1	3	sc	12.4	18	46	6
	305	MATRÛH	260	20	8	03	0	4	cu	14.0	18	37	3
	309	EL DABA	270	10	35	01	1	3	cu	13.6	18	37	3
		ALEXANDRIA	240	19	50	02	2	2	cu	14.4	16	59	8
	318	FOUAD (Airport)	240	18	18	02	0	1	sc	14.0	17	52	7
	330	DAMIETTA	220	9	35	00	0	0	—	15.1	17	52	7
	333	PORT SA'ID	260	15	30	02	0	1	cu	15.2	17	52	7
	336	EL 'ARISH	220	2	35	02	0	0	—	17.1	20		
Lower Egypt	339	DAMANHUR	290	12	15	02	0	0	—	15.8	18	46	6
	342	MANSURA	220	9	35	00	0	0	—	15.4	18	46	6
	348	TANTA	270	13	35	02	0	0	—	15.4	18	46	6
	354	ZAGAZIG	220	5	35	02	0	0	—	15.9	18	46	6
	4[illegible]0	ISMA'ILIA	270	13	15	01	0	0	—	16.2	18	46	6
Cairo Area	366	FAROUK (Airport)	250	22	30	03	1	3	cu	16.3	18	52	8
	372	ALMAZA	300	22	15	02	1	2	cu	16.0	18	40	4
		EZBEKIYA	280	9	18	02	1	1	cu	15.8	19	35	3
		GIZA	280	9	18	02	1	1	cu	16.3	19	37	4
	378	HELWAN	200	9	35	03	0	1	cu	16.4	18	28	-1
Upper Egypt	381	FAIYUM	360	5	35	02	0	0	—	18.2	18	46	6
	387	MINYA	00	0	10	00	0	0	—	18.0	19	28	0
	393	ASYUT MANGABAD	00	0	30	00	0	0	—	17.7	17	52	7
	399	NAG' HAMMADI	320	2	7	00	0	0	—	17.8	20	33	3
	402	QENA	220	2	50	00	0	0	—	17.1	19	30	1
	405	LUXOR	340	12	30	00	0	0	—	17.0	19	21	-4
	414	ASWAN	360	6	50	00	0	0	—	16.6	19	19	-5
Oases	417	SIWA	240	14	12	03	0	2	cu	16.0	18	37	3
	420	BAHARIYA	320	3	35	02	1	3	ac	17.5	18	46	6
	423	FARAFRA	290	11	35	02	0	0	—	19.2	18	46	6
	432	DAKHLA	340	6	50	00	0	0	—	18.9	18	20	-5
	435	KHARGA	00	0	15	00	0	0	—	18.4	20	24	-1
Red Sea	450	SUEZ	180	3	50	03	0	1	cu	15.8	19	30	1
	459	TOR	310	12	35	00	0	0	—		19	46	7
	462	HURGHADA	320	12	30	00	0	0	—	15.3	19	37	4
	465	QUSEIR	20	13	15	00	1	2	ci	16.0	20	56	11
	641	PORT SUDAN	50	9	3	07	2	1	ci	9.7	27	66	22
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	360	4	30	02	0	0	—		30	27	9
	660	KAREIMA	360	7	30	02	0	0	—	10.1	30	21	5
	680	'ATBARA	60	5	30	02	0	0	—	8.0	32	28	11
	721	KHARTUM	350	11	30	02	0	0	—	8.2	33	17	17
	730	KASSALA	40	5	30	02	0	0	—	4.1	37	14	6
Central Sudan	751	WAD MEDANI	310	9	35	02	0	0	—	5.9	35	13	3
	801	RENK	360	13	35	02	0	1	ci	5.9	35	18	7
	802	ROSEIRES	360	2	35	02	0	0	—	6.3	36	15	6
	771	EL OBEID	50	13	30	02	0	0	—	7.8	32	17	4
	760	EL FASHER	100	3	50	03	1	6	—		32	16	3
	770	GENEINA	70	4	30	02	1	5	ci		33	11	-1
S. Sudan	840	MALAKAL	70	10	30	03	1	7	cs	4.3	37	11	1
	880	WAU											
	941	JUBA	310	5	30	02	2	8	acc	3.4	37	22	12

At 1800 on Tuesday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARÂNI	210	6	12	01	1	2	ac	12.3	13	55	4	0
MATRÛH	210	10	12	02	1	5	cu, sc	14.0	14	52	4	0
EL DABA	00	0	7	03	2	8	sc	14.5	15	48	4	0
ALEXANDRIA	220	16	35	03	2	6	sc	15.3	15	48	4	0
FOUAD (Airport)	220	16	12	03	1	7	sc	15.7	14	55	5	0
DAMIETTA	250	5	7	00	0	0	—	16.8	12	77	8	0
PORT SA'ID	220	6	18	02	0	0	—	16.1	14	72	9	0
EL 'ARISH	220	2	15	02	0	0	—	17.2	14	55	5	0
DAMANHUR	270	13	7	02	0	0	—	16.8	12	63	5	0
MANSURA	270	5		00	0	0	—	16.9	12	55	3	0
TANTA	270	2	35	02	0	0	—	16.9	11	77	7	0
ZAGAZIG	00	0	35	02	1	0	—	17.2	16	68	10	0
ISMA'ILIA	180	2	35	02	0	0	—	17.9	12	77	8	0
FAROUK (Airport)	220	9	12	00	0	0	—	18.3	13	67	7	0
ALMAZA	250	8	12	00	0	0	—	17.9	13	48	2	0
EZBEKIYA	00	0	12	00	0	0	—	18.0	14	52	4	0
GIZA	00	0	12	00	0	0	—	17.9	10	62	3	0
HELWAN	00	0	15	02	0	0	—	18.8	12	55	3	0
FAIYUM	00	0	35	02	0	0	—	19.2	12	63	5	0
MINYA	00	0	8	00	0	0	—	18.7	10	58	2	0
ASYUT MANGABAD	200	3	8	00	0	0	—	18.9	12	59	4	0
NAG' HAMMADI	00	0		00	0	0	—	18.9	10	76	6	0
QENA	320	2	7	00	0	0	—	18.0	11	63	4	0
LUXOR	00	0	12	00	0	0	—	18.3	10	41	-3	0
ASWAN	00	0	50	00	0	0	—	17.6	17	26	-3	0
SIWA	240	4	10	00	0	0	—	17.0	11	63	4	0
BAHARIYA	00	0	15	02	1	0	—	18.3	9	71	4	0
FARAFRA	220	3	15	02	0	0	—	19.2	10	62	3	0
DAKHLA	270	3	50	00	0	0	—	21.2	13	24	-7	0
KHARGA												
SUEZ	00	0	35	01	0	0	—	17.5	15	48	4	0
TOR	40	5	7	00	0	0	—		15	45	3	0
HURGHADA	270	12	10	00	0	0	—	16.2	14	36	-1	0
QUSEIR	330	9	15	01	1	0	—	17.0	17	60	9	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD	360	10	30	01	0	0	—		21	57	12	0
KAREIMA	360	18	30	07	0	0	—	13.0	23	15	-5	0
'ATBARA	340	2	30	02	0	0	—	10.6	24	54	14	0
KHARTUM	330	9	30	02	0	0	—	8.3	26	27	5	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	8	30	03	0	1	ci	9.8	24	28	4	0
EL FASHER												
GENEINA												
MALAKAL	60	4	30	01	1	4	ci	5.6	28	23	5	0
WAU												
JUBA	50	2	30	01	2	7	acc	5.8	27	52	16	0

At 0600 on Wednesday 17th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SIDI BARÂNI	200	9	12	00	0	0	—	13.7		9	18		7		47	-2	0	95	
MATRÛH	200	15	12	02	0	1	ac, ci	15.8	-1.6	9	19		7		62	2	0	Rain	
EL DABA	200	8	15	00	0	0	—	16.0		9	19		7		62	2	0	32	
ALEXANDRIA	220	10	50	03	2	3	cu	18.6	-0.2	11	17	-2	8	-2	63	4	0	39	123
FOUAD (Airport)	180	8	18	03	0	1	sc	18.7		9	18		9		63	4	0	42	90
DAMIETTA	160	2	7	02	0	0	—	19.9	+2.1	9	18		5		71	4	0	Rain	56
PORT SA'ID	200	5	14	02	0	0	—	19.7	+2.1	12	18		9		63	5	1	5	
EL 'ARISH	220	2	35	02	0	0	—	21.2	+2.8	11	21	+2	7	0	54	2	0	Rain	43
DAMANHUR	230	9		02	0	0	—	19.2	+0.6	10	19	-1	7	0	62	3	0	24	50
MANSURA	90	5	35	00	0	0	—	19.9	+1.7	7	19	-1	5	-2	71	2	0	18	23
TANTA	160	2	35	02	0	0	—	20.3	+1.2	9	18	-2	7	+1	62	2	0	15	19
ZAGAZIG	220	1	50	02	0	0	—	19.8	+0.8	9	20	0	5	-1	62	2	0	Rain	13
ISMA'ILIA	200	2	35	01	0	0	—	20.3		12	19		8		63	5	0	9	
FAROUK (Airport)	160	13	18	00	0	0	—	20.0		11	19		9		71	6	0	Rain	
ALMAZA	180	12	12	00	0	0	—	19.7	+0.6	10	19		9		62	3	0	1	
EZBEKIYA	00	0	12	00	0	0	—	19.9	+0.8	9	20	0	7	-1	62	2	0	1	12
GIZA	00	0	12	00	0	0	—	19.5	+0.2	8	20	+1	3	-2	71	3	0	2	13
HELWAN	160	4	15	00	0	0	—	20.6	+1.0	9	18	0	8	0	62	2	0	1	12
FAIYUM	00	0	35	02	0	0	—	21.6	+2.3	7	20	-1	4	-2	57	-1	0	dr.	4
MINYA	160	3	8	00	0	0	—	20.8	+0.9	5	19		1		70	0	0	0	
ASYUT MANGABAD	120	3	14	11	0	0	—	20.6	+0.4	8	18		4		66	2	0	dr.	
NAG' HAMMADI	00	0		00	0	0	—	20.6	+1.1	9	20		4		62	2	0	0.1	
QENA	340	2	15	00	0	0	—	21.1	+1.0	7	20	-3	4	-3	71	2	0	0	
LUXOR	70	5	30	00	0	0	—	20.1	+0.9	8	21		0		37	-6	0	0	
ASWAN	00	0	50	00	0	0	—	19.6	+0.6	11	21	-2	7	-3	54	2	0	0	
SIWA	260	4	12	00	0	0	—	17.9	-2.6	8	18	-2	5	+1	50	-2	0	dr.	5
BAHARIYA	00	0	35	02	1	5	ac	20.8	+0.6	3	19	-1	1	-4	81	0	0	0	5
FARAFRA	270	3	35	02	2	5	cs	20.8		0	19		-2				0	dr.	
DAKHLA	00	0	50	00	0	0	—	21.6	+1.2	4	20	-2	0	-5	35	-10	0	0	
KHARGA																			
SUEZ	00	0	50	00	0	0	—	19.6	+1.0	8	21	+1	5	-4	71	3	0	0.3	10
TOR	40	13	50	00	0	0	—	20.3	+2.3	9	21	0	6	-3			0	4	8
HURGHADA	240	12	30	00	0	0	—	18.6	+0.5	11	19		6		35	-4	0	0	
QUSEIR	310	9	15	02	0	0	—	18.7	+1.0	13	23	0	12	-2	55	4	0	dr.	4
PORT SUDAN	340	9	30	02	0	3	sc	17.1		25	29		23		79	21	dr.	Rain	87
WADI HALFA	360	7	50	02	0	0	—	18.7		10	23		7		44	-2	0	dr.	
ABU HAMAD	360	8	30	02	0	0	—			17	31		15		22	-5	0		
KAREIMA	10	3	30	03	0	7	cs	15.1		17	31		12		24	-4	0	dr.	1
'ATBARA	20	9	10	02	0	0	—	14.1		19	33		16				0	0.3	2
KHARTUM	340	11	30	02	0	1	ci	13.1		20	34		17		28	1	0	dr.	4
KASSALA	250	2	30	02	0	0	—	12.7		19	39		14		68	13	0	dr.	8
WAD MEDANI	310	9	35	02	0	0	—	13.3		19			14		43	6	0	46	12
RENK	360	13	35	02	0	3	ci	13.9		22	35		15		31	4	0		49
ROSEIRES	360	5	35	02	0	0	—	12.2		22	37		17		38	7	0	0	36
EL OBEID	350	10	30	02	0	2	cs	12.8		20	33		18		18	-5	0	6	16
EL FASHER	40	2	30	03	2	6	cs			14	35		13		36	-1	0	6	6
GENEINA																			4
MALAKAL	20	18	30	03	2	7	cs	11.0		23	38		17		32	5	0	70	88
WAU	00	0	30	01	2	7	cs	10.3		22	38		18		53	12	0	144	144
JUBA											37								145

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	48	-18
Ezbekiya	42	-26
Giza	49	-24
Helwân	43	-15

GIZA GRASS MINIMUM TEMP. ON 17th 0.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk AIRPORT — On 16th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	—	—	250	16
950					
900					
850	1485	2	69	250	17
800					
700	3042	-2		270	31
600					
500	5610	-20		290	42
400	7244	-28		280	78
300	9255	-42			

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 16th

Height m.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.	Port Said Dir.	Port Said Vel.	Farouk Dir.	Farouk Vel.	Luxor Dir.	Luxor Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.	Foad A.P. Dir.	Foad A.P. Vel.
Time	14		14		14		14		14	30	14		14		14		14	
300	270	17	260	19	250	15	250	21	340	10	260	6	300	6	360	17	230	18
600	260	21	260	23	250	16	260	19	350	6	250	9	300	9	330	18	280	20
1000	260	29	250	19	240	17	250	15	340	9	270	10	300	10	300	25	250	18
1500	260	16	260	21	250	17	270	13	290	16	280	16	300	18	240	16	280	20
2000	290	26	260	17	240	16	270	12	280	23	280	31	270	23	280	23	280	17
3000	270	28					270	13					270	23				
4000	270	28											260	23				
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 17th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time							2						2											
300							230	13					290	8										
600							230	12					280	5										
1000							240	10					260	6										
1500							230	7					260	5										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Dir.	Vel.
Time									5		4				4		4				5			
300									40	14														
600									50	17	80	16			10	23	80	5						
1000									60	15	80	12			20	29	60	11			30	9		
1500									110	7	50	4			10	18	30	12			130	3		
2000																								
3000											290	9			310	8					340	7		
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

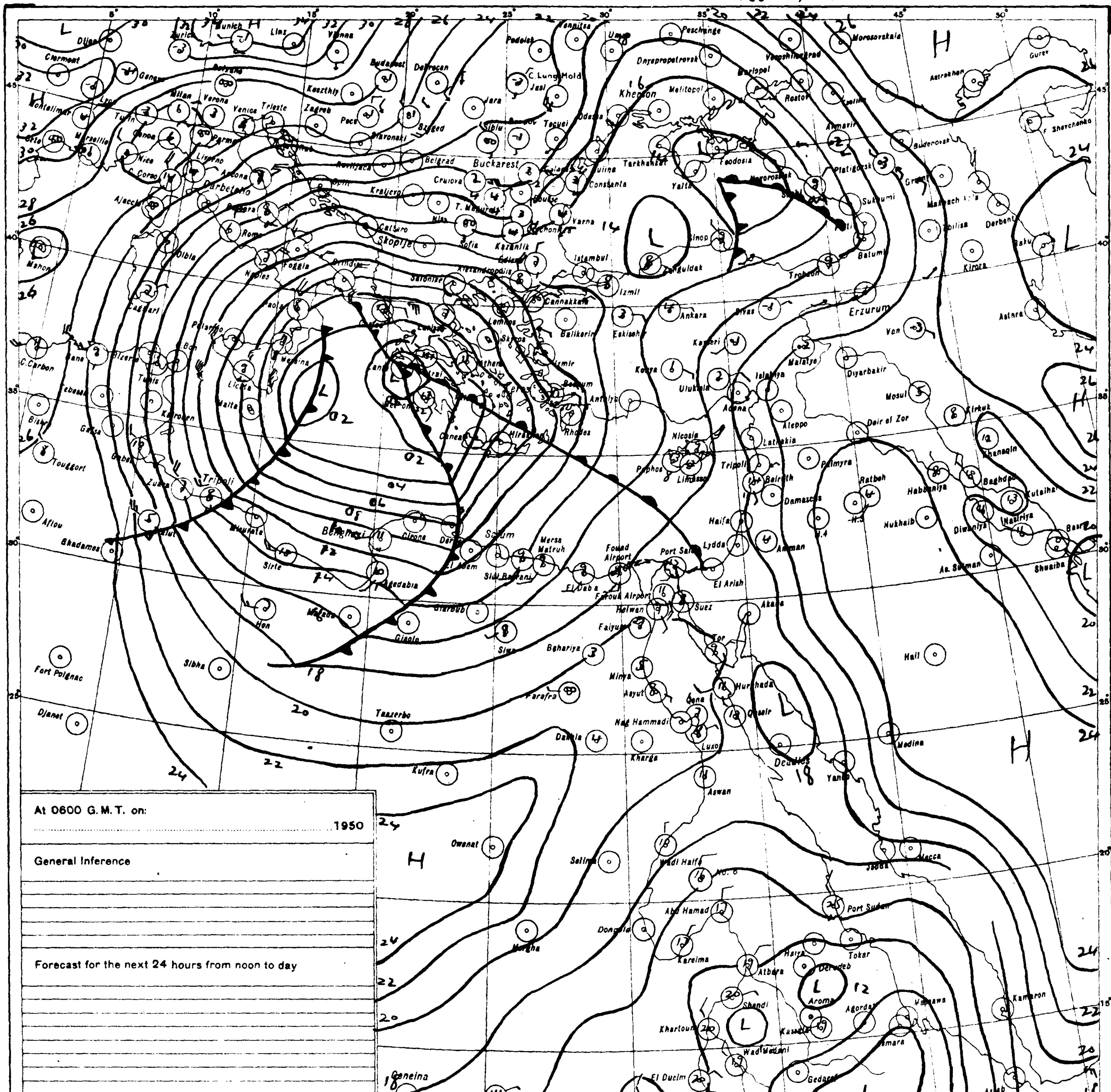
Printed by the Survey of Egypt 1949 (49,557).

Note: All times G. M. T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 17 - 1950



At 0600 G.M.T. on:

....1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H Stands for high pressure
L ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	1
Cirrostratus	Cs	2
Cirrocumulus	Cc	3
Altocumulus	Ac	4
Altostratus	As	5
Stratocumulus	Sc	6
Nimbostratus	Ns	7
Cumulus or Fractocumulus	Cu or Fc	8
Cumulonimbus	Cb	9
Stratus or Fractostratus	St or Fs	0

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557)

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 04 51 G.M.T.
Sunset 15 19 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 18th January, 1950

At 1200 on Wednesday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Lower Egypt	503	SIDI BARANI	210	13	14	03	0	2	ac	12.4	19	24	-2
	506	MATRUH	180	25	8	07	0	0	—	14.7	17	49	-6
	509	EL DABA											
		ALEXANDRIA	220	15	50	00	0	0	—	17.2	18	28	-1
	515	FOUAD (Airport)	220	13	18	02	0	0	—	17.4	18	32	1
	530	DAMIETTA	160	12	35	02	0	0	—	17.8	17	60	9
	533	PORT SAID	180	13	30	02	0	0	—	18.5	18	40	4
	535	EL 'ARISH											
Delta	539	DAMANHUR	230	13	15	02	0	0	—	18.3	20	33	3
	542	MANSURA	220	5	35	00	0	0	—	18.4	20	41	6
	545	TANTA	220	2	35	02	0	0	—	18.2	18	46	6
	548	ZAGAZIG	140	2	50	02	0	0	—	16.7	16	46	6
	550	ISMAILIA	140	2	35	02	0	0	—	18.6	19	46	7
Middle Egypt	401	FAROUK (Airport)	220	8	30	03	1	1	ac	18.5	18	49	7
	[illegible]	ALMAZA	200	8	30	02	0	2	ci	17.8	18	37	3
	[illegible]	EZBEKIYA	220	3	18	00	0	0	—	17.8	19	35	3
	[illegible]	GIZA	220	3	18	00	0	0	—	17.8	20	41	6
	[illegible]	HELWAN	00	0	35	02	0	0	—	18.2	18	37	3
	434	FAIYUM	00	0	35	03	0	1	cu,sc	19.5	18	46	6
	435	MINYA	00	0	8	01	2	5	ac	18.7	17	34	1
	453	ASYUT (Manqabad)	240	3	30	02	1	1	ac	18.4	20	33	3
	459	NAG' HAMMADI	00	0	7	00	0	0	—	17.8	19	46	7
Upper Egypt	467	QENA	320	2	50	00	0	0	—	17.0	18	46	6
	475	LUXOR	340	2	30	00	0	0	—	17.8	20	33	3
	484	ASWAN	330	3	50	00	0	0	—	15.2	22	23	0
Oases	417	SIWA	110	11	12	03	0	1	ci	16.4	19	26	-1
	423	BAHARIYA	270	2	35	01	1	3	ac	17.8	20	33	3
	429	FARAFRA	220	3	35	02	2	5	cs	19.5	19	46	7
	430	DAKHLA	340	5	50	00	0	0	—	19.3	18	28	-1
	435	KHARGA	00	0	35	00	0	0	—	18.6	20	33	3
Red Sea	450	SUEZ	40	3	15	02	0	0	—	17.2	19	37	4
	456	TOR	270	9	35	00	0	0	—	15.0	20	46	8
	467	HURGHADA	320	5	30	02	0	0	—	16.7	19	46	7
	465	QUSEIR	20	9	15	02	0	0	—	17.9	20	73	15
	641	PORT SUDAN	290	10	30	02	1	2	cu	13.4	27	70	21
Sudan	600	WADI HALFA	360	11	30	02	0	0	—	13.8	23	47	11
	640	ABU HAMAD	20	2	30	03	0	1	ci		30	40	15
	655	KAREIMA	360	2	30	02	0	0	—	10.9	29	31	10
	680	ATBARA	50	5	30	03	2	8	cs	8.3	33	26	11
	721	KHARTUM	20	10	30	03	0	3	ci	7.9	34	14	3
	730	KASSALA	50	8	30	02	0	1	ci	5.6	35	19	8
	731	WAD MEDANI	50	9	35	02	0	0	—	6.2	35	18	7
	801	RENK	360	9	35	02	1	2	ci	5.1	34	20	8
	802	ROSEIRES	50	9	35	02	0	0	—	4.7	37	13	4
	721	EL OBEID	20	13	30	03	1	7	cs	7.6	32	17	4
	810	EL FASHER	160	2	30	03	2	8	cs		31	18	4
	730	GENEINA	130	2	30	01	2	5	cs		32	17	4
	830	MALAKAL	50	14	30	01	2	5	ci	5.3	36	11	1
	909	WAU	90	9	30	03	1	8	cs	4.5	37	13	4
	920	JUBA	20	5	30	01	2	6	cu,ac	6.0	33	38	17

At 1800 on Wednesday 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SIDI BARANI	180	8	12	03	1	7	ac	12.6	14	34	-2	0
MATRUH	170	14	10	00	0	6	—	15.0	13	34	-3	0
EL DABA												
ALEXANDRIA	180	11	35	00	0	0	—	17.6	14	36	-1	0
FOUAD (Airport)	180	2	12	02	0	0	—	16.0	11	77	7	0
DAMIETTA	180	5	7	02	0	0	—	18.2	13	77	9	0
PORT SAID	140	9	13	02	0	0	—	18.7	15	55	6	0
EL 'ARISH												
DAMANHUR	180	9	7	02	0	0	—	19.0	12	77	8	0
MANSURA	180	5		00	0	0	—	19.6	12	63	5	0
TANTA	00	0	35	02	0	0	—	19.2	11	77	7	0
ZAGAZIG	40	1	35	02	0	0	—	19.2	13	67	7	0
ISMAILIA	20	2	35	03	1	4	ac	18.8	13	55	4	0
FAROUK (Airport)	200	4	12	01	0	1	ci	19.3	12	67	6	0
ALMAZA	210	4	12	00	1	0	—	18.7	13	44	1	0
EZBEKIYA	00	0	12	00	0	0	—	18.8	13	59	5	0
GIZA	00	0	12	00	0	0	—	19.0	10	76	6	0
HELWAN	00	0	7	00	0	0	—	19.5	13	55	4	0
FAIYUM	00	0	35	01	0	0	—	19.0	10	76	6	0
MINYA	00	0	8	02	1	3	ac	19.1	11	54	2	0
ASYUT (Manqabad)	220	3	10	00	1	0	—	18.6	12	55	3	0
NAG' HAMMADI	00	0		00	0	0	—	18.1	12	77	8	0
QENA	320	2	7	00	0	0	—	18.3	13	67	7	0
LUXOR	00	0	12	00	0	0	—	17.6	11	51	1	0
ASWAN	00	0	50	00	0	0	—	15.2	19	54	1	0
SIWA	160	6	10	00	0	0		14.4	17	38	-1	0
BAHARIYA	180	2	15	02	1	3	Ac	19.0	10	50	0	0
FARAFRA	360	2	15	02	2	0	—	19.0	10	50	0	0
DAKHLA	00	0	50	00	0	0	—	19.9	7	43	-5	0
KHARGA												
SUEZ	00	0	35	02	0	0	—	18.3	13	67	7	0
TOR	360	2	35	00	0	0	—	15				0
HURGHADA	250	5	10	02	2	7	Ac	16.9	18	52	8	0
QUSEIR	360	9	15	02	0	0	—	17.6	20	64	13	0
PORT SUDAN	50	3	30	01	1	2	cu	14.5	25	79	21	0
WADI HALFA												
ABU HAMAD												
KAREIMA	340	5	30	03	1	7	cs	12.3	23	27	3	0
ATBARA	340	5	30	01	2	3	ci	10.0	26	35	9	0
KHARTUM	20	8	30	01	1	1	ci	9.1	27	23	4	0
KASSALA	40	9	30	01	1	0	—	7.8	29	37	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	1	5	ci		24	34	7	0
EL FASHER												
GENEINA												
MALAKAL	50	4	30	01	1	1	ci	7.0	26	32	8	0
WAU	00	0	30	03	2	8	ac,ci	6.8	27	55	17	0
JUBA												

At 0600 on Thursday 18th January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SIDI BARANI	180	6	12	00	0	0	—	13.2		7	19		6		49	-3	0	95	
MATRUH	200	17	15	00	0	0	—	14.6	-3.8	9	18		7		34	-6	0	Rain	
EL DABA	200	6	15	00	0	0	—	15.7		9	18		4		62	2	0	32	
ALEXANDRIA	180	10	50	00	0	0	—	17.5	-1.2	10	18	0	8	-2	50	0	0	39	125
FOUAD (Airport)	200	6	12	00	0	0	—	17.3		8	19		5		66	2	0	42	92
DAMIETTA											19								57
PORT SAID	00	0	12	03	0	3	ac,ci	17.9	+0.4	15	19		10		59	7	0	5	
EL 'ARISH	160	2	35	03	1	3	Cu	18.4	+0.1	12			11	+4	59	4	0	Rain	44
DAMANHUR	230	9		02	0	0	—	18.6	+0.1	8	21	+1	6	-1	71	3	0	24	51
MANSURA	220	5	35	02	1	3	ac	18.4	+0.2	8	20	0	6	-1	71	3	0	18	24
TANTA	00	0	35	02	0	0	—	19.0	-0.1	6	20	0	3	-3	87	4	0	15	19
ZAGAZIG											21	+1							13
ISMAILIA	200	2	35	01	1	2	ac	18.6		10	21		6		62	3	0	9	
FAROUK (Airport)	160	15	18	03	1	1	ac	18.4		11	19		6		63	4	0	dr	
ALMAZA	190	11	15	00	0	0	—	18.3	-0.8	12	20		7		51	2	0	1	
EZBEKIYA	00	0	12	00	0	0	—	18.6	-0.5	9	20	0	7	-1	62	2	0	1	12
GIZA	00	0	12	00	0	0	—	18.6	-0.6	9	21	+2	4	-1	62	2	0	2	13
HELWAN	110	3	15	00	0	1	ci	19.2	-0.3	9	19	+1	7	-1	62	2	0	1	13
FAIYUM	00	0	35	03	1	3	sc	19.0	-0.3	5	21	0	3	-3	81	2	0	dr.	4
MINYA	00	0	8	00	1	3	cc	19.1	-0.8	4	20		1		81	1	0	0	
ASYUT (Manqabad)	00	0	8	01	0	2	ci	19.3	-0.9	7	20		5		87	5	0	dr.	
NAG' HAMMADI	00	0		00	0	0	—	19.3	-0.2	8	20		5		71	3	0	0.1	
QENA	320	2	15	00	0	0	—	18.6	-0.4	8	20	-3	6	-1	58	0	0	0	
LUXOR	00	0	30	00	0	0	—	17.6	-1.5	10	22		5		54	1	0	0	
ASWAN											24	+1							
SIWA	00	0	11	00	0	0	—	17.2	-3.4	6	20	0	4	0	57	-2	0	dr.	5
BAHARIYA	00	0	35	02	2	7	Ac	19.5	-0.7	5	20	0	1	-4	70	0	0	0	5
FARAFRA	00	0	35	00	0	7	Cc	19.5		4	21		-3		44	-7	0	dr.	
DAKHLA	00	0	50	00	0	1	ci	19.5	-0.9	4	20	-2	2	-3	35	-10	0	0	
KHARGA																			
SUEZ	40	3	50	00	0	1	Ac,ci	17.9	-0.6	8	23	+3	4	-5	58	0	0	0.3	10
TOR	40	9	50	00	0	0	—			13	22	+1	7	-2			0	4	8
HURGHADA	230	9	30	00	0	0	—	16.7	-1.4	13	20		7	-3	48	2	0	0	
QUSEIR	310	9	15	02	0	0	—	18.2	+0.5	15	23	0	13	-1	77	11	0	dr.	4
PORT SUDAN	360	8	30	01	1	2	sc,cu	16.3		25	28		22		42	11	0	152	88
WADI HALFA	320	2	30	02	0	0	—	16.3		12	24		10		26	-7	0	dr.	
ABU HAMAD	20	4	30	02	0	2	ci			20	32		17		56	11	0		
KAREIMA	20	8	30	03	0	3	—	14.3		19	31		15		52	9	0	dr.	1
ATBARA	20	5	30	03	2	7	cs	12.2		23	34		18		44	10	0	0.3	2
KHARTUM	360	9	30	01	0	0	—	10.9		22	35		19		41	8	0	dr.	4
KASSALA	50	8	30	02	0	0	—	10.1		23	37		18		65	15	0	dr.	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	10.2		20	38		14		49	9	0	0	36
EL OBEID	340	8	30	03	0	4	ci	12.5		18	33		14		22	-4	0	6	16
EL FASHER	10	2	30	03	2	7	cs			13	33		10		38	-1	0	6	6
GENEINA	70	2	30	03	1	4	ci			13	34		11		38	-1	0		4
MALAKAL	70	4	30	03	2	7	ci	10.4		22	37		17		31	4	0	70	88
WAU	340	2	10	04	1	7	ci	10.4		19	32		17		60	11	0	144	144
JUBA	180	5	30	02	1	4	ac,ci	9.7		24	34		20		61	16	0	172	145

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs	Farouk Airport On 17th At 15h Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... Airport Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ..... At ..... Airport Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	155	16	32	210	7										
950															
900															
850	1510	6	31	180	10										
800															
700	3076	0	—	220	21										
600															
500															
400	7333	-30		240											
300	9336	-48		240											

UPPER WIND OBSERVATIONS on 17th

Station	Dakhla				Port Said				Siwa				Hurghada				Minya		S. Barrani		Farouk		Luxor		Food A.P.	
Time	14				14				14				14				14		14		14		14	15	14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	3			150	3			210	31			360	3			300	3	200	26	230	5	40	1	200	11
600	320	5			140	5			260	13			310	9			220	2	200	27	221	8	270	2	200	11
1000	270	7			180	12			220	23			250	10			150	3	210	23	180	8	120	2	190	13
1500					190	10			230	30			260	4			240	13	220	25	200	13	220	10	210	11
2000					180	9			230	35			220	10			200	18			210	17	240	16	200	23
3000									230	26											210	25				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time					8		3				8 30		2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					220	12	190	7			160	5	120?	3										
600					220	12	210	3			240	13	260	5										
1000					250	10	220	3			260	11	250	7										
1500					240	10	260	6			270	16	260	12										
2000					210	12					210	27	260	16										
3000											220	44												
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									4		4		4		4		4		5		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600									60	10	80	17	50	17	10	17	50	8					10	13
1000									80	5	110	17	70	15	30	24	70	15	30	25	10	7	20	38
1500									210	12	120	17	120	8	30	17	100	24	30	18	110	8	40	27
2000											70	3			70	15								
3000									250	16	360	13	120	6	90	12	90	25	80	9	360	7	90	1
4000															120	17								
5000															90	21								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.)
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times G. M. T.

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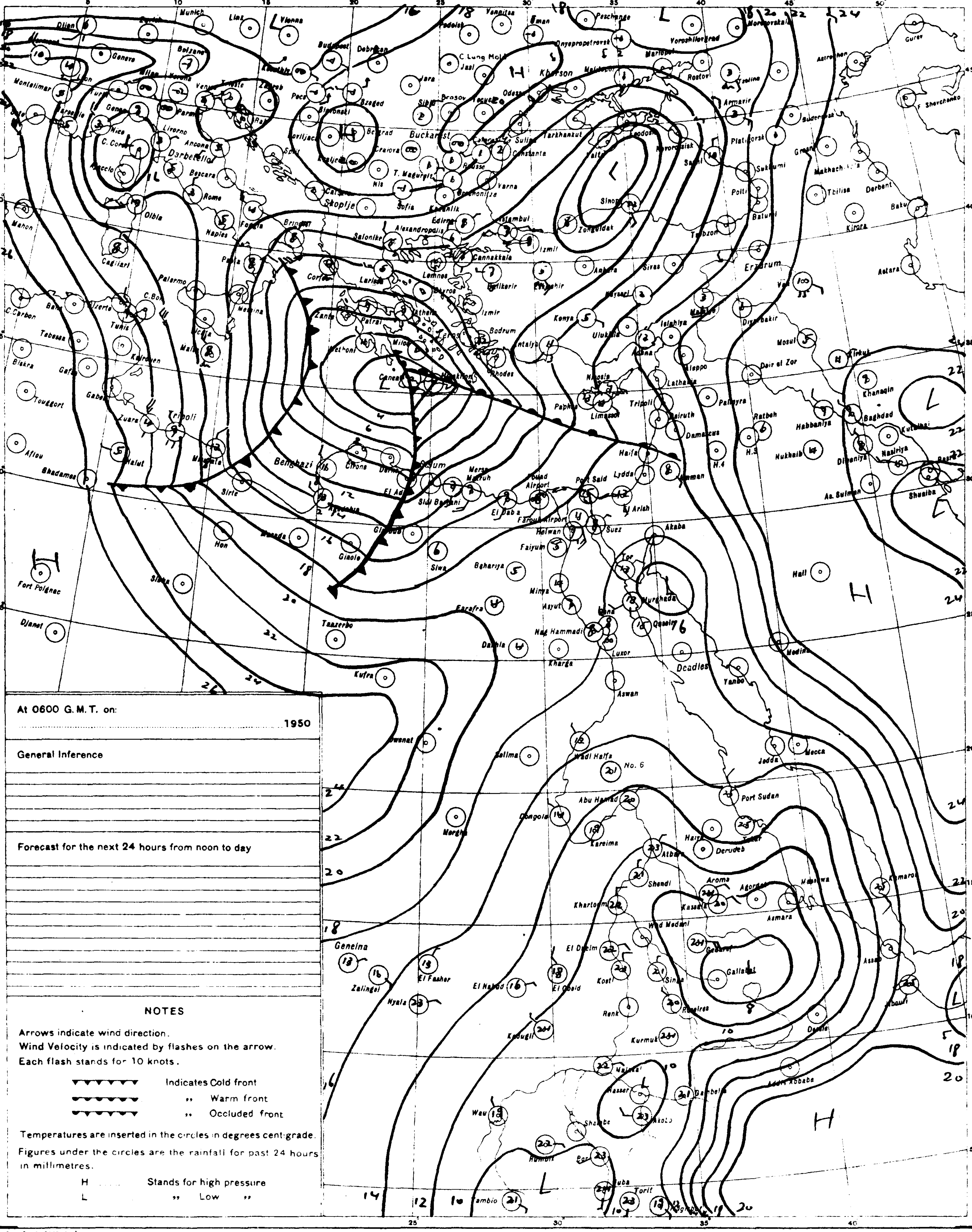
Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 18-1-1950



At 0600 G.M.T. on:

....1950

General Inference

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
▲▲▲▲▲▲ ,, Warm front
▲▼▲▼▲▼ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure

L .... ,, Low ,,

S of E 1949(49/557)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	
	Clouds dissolving	01	
	State of sky generally unchanged	02	
	Clouds developing	03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	
	Rain	21	
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

Cloudless		—	○
Cirrus	Ci	1	
Cirrostratus	Cs	2	
Cirrocumulus	Cc	3	
Altocumulus	Ac	4	
Altostratus	As	5	
Stratocumulus	Sc	6	
Nimbostratus	Ns	7	
Cumulus or Fractocumulus	Cu or Fc	8	
Cumulonimbus	Cb	9	
Stratus or Fractostratus	St or Fs	0	—

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 20 G.M.T.

DAILY WEATHER REPORT

Date : Friday 19th January, 1951

At 1200 on Thursday 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM											
	303	SÎDI BARÂNI	240	15	10	03	0	1	cu	12.4	15	39	3
	306	MATRÛH	230	23	4	07	0	0	—	14.0	18	22	-4
	309	EL DABA	220	8	35	00	0	0	—	14.5	20	21	-3
		ALEXANDRIA	240	16	50	00	0	0	—	15.5	19	30	1
	318	FOUAD (Airport)	240	18	18	02	0	1	ac	15.6	20	19	-4
	330	DAMIETTA	200	2	35	01	0	2	ac	16.6	19	52	9
	333	PORT SAʿÎD	260	3	30	03	1	5	ac,cu	16.5	16	52	6
	336	EL ʿARISH	320	5	35	03	2	5	cu	17.1	16	59	8
LOWER EGYPT	339	DAMANHUR	230	9	15	02	1	1	cu	16.8	21	26	1
	342	MANSURA	270	5	35	02	1	3	ac	16.7	20	41	6
	348	TANTA	00	0	35	01	1	3	cu,sc	17.4	19	30	1
	354	ZAGAZIG	220	2	50	03	1	4	ci	17.1	18	46	6
	440	ISMAʿILÎA	180	2	35	03	2	8	ac	16.7	19	46	7
CAIRO AREA	366	FAROUK (Airport)	200	11	30	03	2	6	ac,cc	16.9	18	18	-8
	372	ALMÂZA	220	11	15	03	1	7	sc,ac	16.5	18	28	-1
		EZBEKÎYA	00	0	18	02	1	6	cu	16.6	18	37	3
		GÎZA	00	0	18	02	1	6	cu	16.4	18	46	6
	378	HELWÂN	160	2	15	03	2	7	cc	17.2	16	42	3
UPPER EGYPT	381	FAIYÛM	00	0	35	03	2	6	ac	18.3	16	59	8
	387	MINYA	300	3	8	02	2	7	ac	17.6	20	41	6
	393	ASYÛT MANQABÂD	320	3	14	02	2	6	cs	16.3	20	43	7
	399	NAGʿ HAMMÂDI	270	1		01	0	4	ac	16.4	22	44	9
	402	QENA	290	2	50	03	1	3	cu	15.2	21	50	10
	405	LUXOR	40	4	30	00	0	0	—	14.7	22	44	9
	414	ASWÂN	290	2	50	00	0	0	—	13.2	26	42	12
OASES	417	SÎWA	240	19	10	06	0	0	—	17.8	17	49	6
	420	BAHARÎYA	270	5	35	02	2	7	ac	17.1	20	24	-1
	423	FARAFRA	270	7	35	02	2	7	ac	18.2	19		
	432	DAKHLA	340	6	50	01	1	1	ci	17.2	21	14	-8
	435	KHARGA	360	2	35	03	1	6	ci	16.8	22	21	-1
RED SEA	450	SUEZ	00	0	50	03	1	7	ci	16.0	18	46	6
	459	TÔR	310	4	35	00	0	0	—	17.8	21	83	18
	462	HURGHÂDA	330	7	30	03	1	5	ac	14.3	20		
	465	QUSEIR	20	9	15	02	0	0	—	16.0	21	83	18
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA											
	721	KHARTÛM											
	730	KASSALA	50	9	30	02	1	0	—	4.5	35	16	6
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	4.7	33	19	6
	801	RENK											
	802	ROSEIRES	270	7	35	02	0	0	—	2.6	37	11	8
	771	EL OBEID	40	12	30	02	1	6	ci	6.1	35	18	7
	760	EL FÂSHER											
	770	GENEINA	160	2	30	03	1	5	ci		33	11	-1
S. SÛDÂN	840	MALAKÂL	50	10	30	02	2	8	ci	4.4	37	13	4
	880	WÂU	20	7	30	02	2	8	ci	4.3	37	12	3
	941	JUBA	90	2	30	03	1	3	cu,ci	4.0	36	27	14

At 1800 on Thursday 18th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM												
SÎDI BARÂNI	230	12	12	01	0	0	—	12.6	14	59	6	0
MATRÛH	220	20	8	07	0	0	—	14.1	14	48	3	0
EL DABA	220	9	7	00	0	0	—	15.0	13	44	1	0
ALEXANDRIA	220	15	35	00	0	0	—	14.8	15	30	-3	0
FOUAD (Airport)	240	5	12	01	0	0	—	15.7	12	55	3	0
DAMIETTA	180	2	7	01	0	0	—	16.7	11	88	9	0
PORT SAʿÎD	170	3	18	02	2	6	ac	16.8	15	59	7	0
EL ʿARISH	220	2	15	03	2	8	sc	17.5	13	77	9	0
DAMANHUR	180	5		02	0	0	—	17.1	13	55	4	0
MANSURA	320	5		00	1	0	—	18.0	12	63	5	0
TANTA	270	2	35	02	1	0		18.4	11	63	4	0
ZAGAZIG	140	1	35	03	1	4	ci	17.4	14	59	6	0
ISMAʿILÎA	160	2	35	03	2	8	as	17.6	13	77	9	0
FAROUK (Airport)	200	19	12	01	1	4	cc	17.5	14	42	1	0
ALMÂZA	200	13	12	02	2	5	ac	17.4	14	36	-1	0
EZBEKÎYA	120	3	12	02	1	4	cu	17.5	14	48	3	0
GÎZA	120	3	12	02	1	4	cu	17.6	13	55	4	0
HELWÂN	140	6	15	02	2	7	cc	18.0	14	36	-1	0
FAIYÛM	00	0	35	03	2	8	ac	19.1	12	77	8	0
MINYA	00	0	8	02	2	7	ac	18.9	12	59	4	0
ASYÛT MANQABÂD	00	0	8	02	2	7	ac	18.4	16	56	7	0
NAGʿ HAMMÂDI	00	0		01	1	7	ns	18.0	15	72	10	0
QENA	320	2		03	1	3	cu	16.2	17	52	7	0
LUXOR												
ASWÂN												
SÎWA	220	29	10	00	0	0	—	18.3	13	67	7	0
BAHARÎYA	270	2	15	01	1	3	ac	19.2	12	44	0	0
FARAFRA	290	3	15	01	2	0	—	20.0	11	51	1	0
DAKHLA	340	11	50	01	2	6	ci	19.5	17			0
KHARGA	00	0	15	02	2	8	ac	18.6	17	20	-6	0
SUEZ	00	0	35	02	0	7	cu	17.5	15	48	4	0
TÔR	360	4	15	00	0	0	—	17.9	18	83	15	0
HURGHÂDA	290	15	10	02	2	6	ac	16.2	20	60	12	0
QUSEIR	20	5	15	00	0	0	—	16.0	21	83	18	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	7	30	01	1	1	ci	9.6	20	38	5	0
EL FÂSHER	00	0	30	02	2	7	cs		25	28	5	0
GENEINA	340	2	30	03	2	7	cs		25	24	3	0
MALAKÂL	90	3	30	01	2	5	ci	7.5	27	30	8	0
WÂU												
JUBA	00	0	10	04	2	8	cs	6.5	27	48	15	0

At 0600 on Friday 19th January,

Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb °C.	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.	Station
																			SALUM
250	8	12	00	0	0	—	16.5		9	17				71	4	0	95		SÎDI BARÂNI
250	23	8	07	0	1	cu	17.2	-1.2	10	18		9		77	6	0	Rain		MATRÛH
250	10	15	00	0	0	—	17.3		12	20		9		63	5	0	32		EL DABA
220	32	50	03	2	4	cu	16.8	-1.9	14	19	+1	10	0	77	10	0	39	127	ALEXANDRIA
240	16	18	01	2	3	cu,sc	16.6		18	20		10		60	10	0	42	93	FOUAD (Airport)
200	2	7	00	0	0	—	17.2	-0.6	9	19		6		71	4	0	Rain	58	DAMIETTA
220	23	12	02	0	0	—	17.5	0.0	12	19		11		59	4	0	5		PORT SAʿÎD
220	13	35	01	0	0	—	18.9	+0.7	15	18	-1	11	+4	48	4	0	Rain	45	EL ʿARISH
230	9		02	0	0	—	16.8	-1.7	10	22	+2	8	+1	62	3	0	24	52	DAMANHÛR
320	9	35	00	0	0	—	18.0	-0.1	9	21	+1	5	-2	71	4	0	18	24	MANSÛRA
220	8	35	02	0	0	—	18.3	-0.7	6	20	0	3	-3	88	4	0	15	19	TANTA
220	3	35	02	0	0	—	18.4	-0.5	8	20	0	7	+1	71	3	0	Rain	13	ZAGAZIG
200	5	35	01	0	0	—	19.1		11	20		9		63	4	0	9		ISMAÎLIA
200	24	13	00	0	0	—	19.7		11	19		10		51	1	0	dr.		FAROUK (Airport)
250	22	12	00	0	0	—	19.5	+0.5	10	20		9		54	1	0	1		ALMÂZA
00	0	12	00	0	0	—	20.4	+1.4	9	19	-1	8	0	58	1	0	1	12	EZBEKÎYA
00	0	12	00	0	0	—	19.5	+0.4	13	20	+1	6	+1	58	0	0	2	13	GÎZA
160	12	7	00	0	0	—	20.8	+1.3	8	16	-2	7	-1	46	-3	0	1	13	HELWÂN
00	0	35	01	0	0	—	23.1	+3.9	10	16	-5	5	-1	77	6	0	dr.	4	FAIYÛM
150	2	8	00	0	0	—	23.1	+3.2	7	21		2		57	-1	0	0		MINYA
240	2	8	10	0	0	—	23.4	+3.2	10	20		7		67	4	0	dr.		ASYÛT MANQABÂD
00	0	7	00	0	0	—	24.1	+4.7	11	22		7		63	4	0	0.1		NAGʿ HAMMÂDI
270	2	15	00	0	0	—	22.7	+3.7	13	22	-1	8	+1	55	4	0	0		QENA
320	10	30	00	0	0	—	21.2	+2.1	15					30	-3	0	0		LUXOR
350	4	50	00	0	0	—	21.0	+2.1	15			13	+3	48	4	0	0		ASWÂN
260	6	11	00	0	0	—	21.8	+1.2	9	17	-3	8	+4	88	7	0	dr.	5	SÎWA
270	2	35	02	0	0	—	22.3	+2.2	11	21	+1	6	+1	63	4	0	0	5	BAHARÎYA
290	3	35	02	0	0	—	21.6		12	19		5		67	6	0	dr.		FARAFRA
00	0	50	00	0	0	—	24.6	+4.3	9	23	+1	6	+1	44	-3	0	0		DAKHLA
360	2	15	00	0	0	—	23.1	+3.6	12	22	0	9	+3	44	0	0	0		KHARGA
00	0	50	00	0	0	—	19.2	+0.7	13	20	0	10	+1	48	3	0	0.3	10	SUEZ
310	10	35	00	0	0	—			17	21	0	8	-1			0	4	8	TÔR
										22									HURGHADA
330	9	15	02	0	0	—	18.6	+1.0	17	24	+1	15	+1	42	4	0	dr.	4	QUSEIR
280	1	30	02	1	3	sc	16.4		25	27		20		70	19	0	152	88	PORT SÛDÂN
340	10	50	03	0	3	ci	20.6		13	27				63	6	0	dr.		WÂDI HALFA
360	26	7	07	0	0	—			22					47	10	0			ABU HAMAD
																		1	KAREIMA
360	9	30	02	0	1	ci	13.1		21	36		16		47	9	0	0.3	2	ʿATBARA
																		4	KHARTÛM
110	4	30	02	0	0	—	9.9		29	36		19		19	3	0	dr.	8	KASSALA
320	9	35	02	0	0	—	13.0		17	37		13		46	5	0	46	12	WÂD MEDANI
360	9	35	02	0	3	ci	12.7		25	37		16		36	9	0		49	RENK
310	5	35	02	0	0	—	12.4		20	38		15		43	7	0	0	36	ROSEIRES
350	10	30	02	1	5	ci	16.7		19	35		16		40	5	0	6	16	EL OBEID
										35								6	EL FÂSHER
20	10	30	02	1	6	cs			18	35		14		14	-10	0		4	GENEINA
340	3	30	03	2	7	cs	12.4		24	37		19		38	9	0	70	88	MALAKÂL
																		144	WÂU
180	9	30	02	2	8	sc,ac	11.4		27	37		25		62	19	0	192	145	JUBA

HUMIDITY % Mean of day

Station	on 18th	Diff. from normal
Alexandria	56	-10
Ezbekîya	46	-22
Gîza	53	-20
Helwân	48	-10

GÎZA GRASS MINIMUM TEMP. ON 19th 2.6°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk AIRPORT — On 18th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	17	32	220	7
950					
900					
850	1494	7	29	270	20
800					
700	3074	1		230	45
600					
500	5683	-16		230	80
400	7323	-27		—	—
800	9347	-34		—	—

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 18th

Station	Faad A.P.				S.Barani				P.Said				Minya				Asyut		Siwa		Dakhla				Hurghada	
Time	14				14				14				14				14		14		14				14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	16			240	34			290	8			320	4			320	12	240	32	330	14			350	10
600	350	20			240	26			250	10			300	8			340	10	240	35	330	15			330	8
1000	350	19			240	27			230	10			290	6			350	10	250	38	330	11			310	7
1500	350	29			240	25			240	14			270	16			290	10	260	35	300	15				
2000	340	30							250	16			250	25			250	19			280	26				
3000									220	47			220	53												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 19th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
Time					2		4						2		8		8 30						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					230	18	240	21					280	18	300	8	340	10					230	23
600					230	27	260	29					290	22	310	15	340	13					260	30
1000					230	43	250	29					280	20	310	14	340	16					270	32
1500					260	30	250	39					250	22	310	22	340	16					270	27
2000															300	22							270	34
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time					8								9										9	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					170	7																		
600					200	8							40	13									40	10
1000					210	13							30	17									30	15
1500													30	19									10	6
2000																								
3000													10	9									110	5
4000																								
5000																							270	7
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

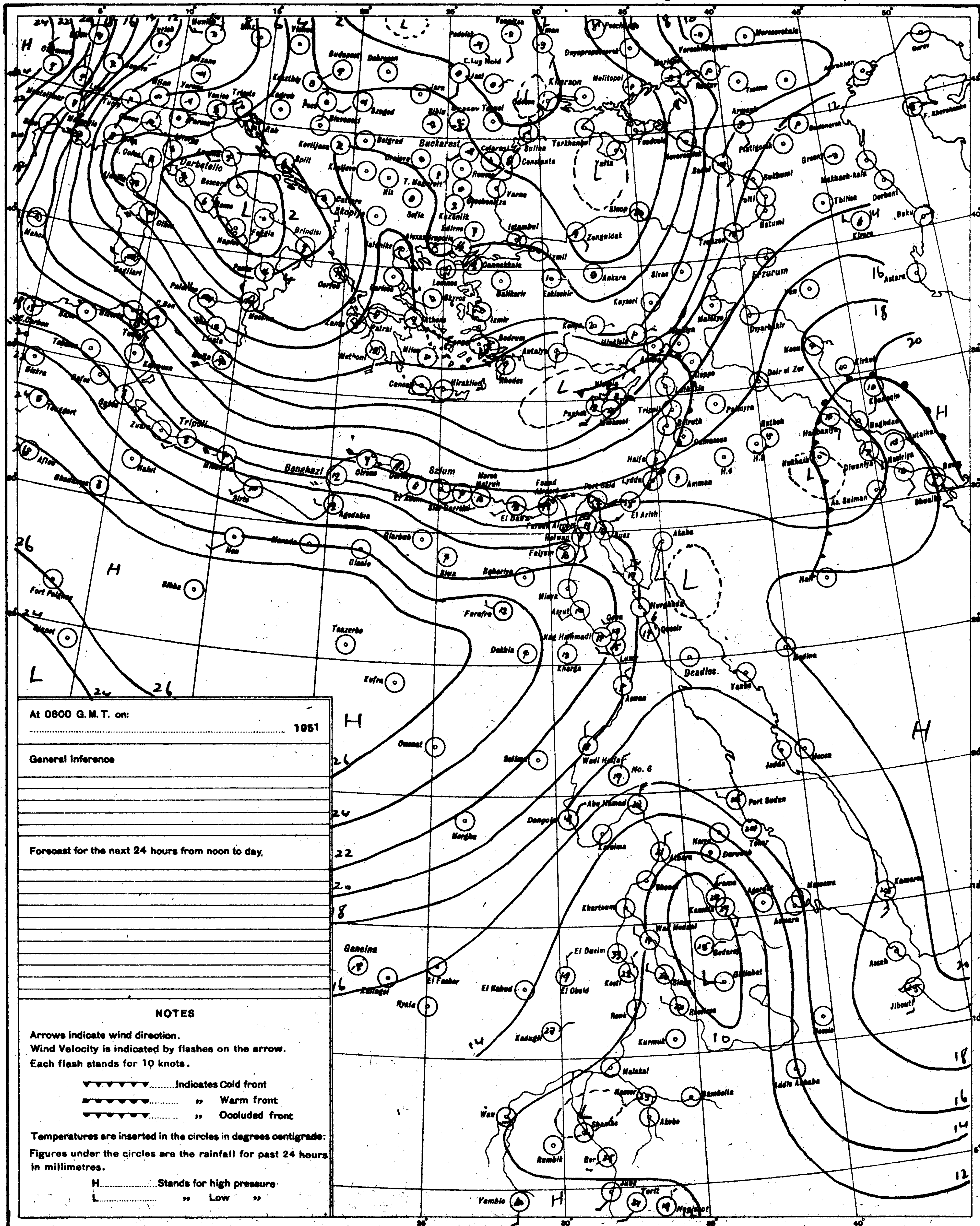
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday* 11 1 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	⌠
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	§
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	==
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(Ꞅ)
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	∇]
,, ,, hail	27	∆]
Fog	28	≡]
Thunderstorm	29	Ꞅ]
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	∇
,, ,, hail	87	∆
Rain } Thunderstorm during	91	Ꞅ]•
Hail } the past hour	93	Ꞅ]∆
Thunderstorm with rain	95	Ꞅ
,, ,, hail	96	Ꞅ
,, ,, Sandstorm	98	Ꞅ

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	∇
Thunderstorm with or without rain	9	Ꞅ

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 51 G. M. T.

" " Sunset 15 21 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date : Saturday 20th January, 1951

AREA	INDEX NUMBER	STATION	At 1200 on Friday 19th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	220	3	35	03	2	6	Ci	15.5	18	52	8
	303	SÎDI BARÂNI											
	306	MATRÛH	260	22	8	01	2	3	Sc, Cu	16.6	18	37	3
	309	EL DABA	270	10	35	02	2	5	Sc, Cu	16.5	18	37	3
		ALEXANDRIA	220	20	50	03	2	4	Cb	17.4	16	68	10
	318	FOUAD (Airport)	270	22	18	01	1	2	Cu	17.0	18	52	8
	330	DAMIETTA	200	19	7	03	1	4	Cu	17.5	18	60	10
	333	PORT SA'ÎD	260	11	30	03	0	1	Cu	17.0	18	60	10
	336	EL 'ARISH	220	30	35	05	0	0	—	17.5	20	41	6
LOWER EGYPT	339	DAMANHUR	270	13	15	02	1	1	Cu	18.2	19	52	9
	342	MANŞURA	270	9	35	03	2	5	Sc, Cu	17.8	20	56	11
	348	TANTA	220	8	35	01	1	4	Cu, Sc	18.6	19	30	8
	354	ZAGAZIG	220	5	35	03	1	4	Cu	18.4	19	52	9
	440	ISMA'ÎLÎA	270	9	7	06	0	0	—	18.2	19	37	4
CAIRO AREA	366	FAROUK (Airport)	220	21	18	03	2	5	Cu	18.5	18	46	6
	372	ALMÂZA	270	20	12	02	2	4	Cu	18.6	19	37	4
		EZBEKÎYA	00	0	18	02	1	6	Cu	18.4	20	41	6
		GÎZA	00	0	18	02	1	6	Cu	18.3	21	33	4
	378	HELWÂN	200	5	35	03	0	3	Cu	19.2	17	49	6
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	19.8	20	46	8
	387	MINYA	320	6	10	00	0	0	—	20.2	19	37	4
	393	AŞYÛT MANQABÂD	330	5	13	00	0	0	—	20.4	18	60	10
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—	20.3	23	38	8
	402	QENA	320	2	50	00	0	0	—	17.8	21	26	1
	405	LUXOR	290	9	30	00	0	0	—	19.6	20	26	0
	414	ASWÂN	350	8	50	02	1	5	Ci	18.6	21	44	8
OASES	417	SÎWA	240	18	12	01	0	3	Cu	20.8	18	37	3
	420	BAHARÎYA	320	2	35	02	0	0	—	20.4	19	46	7
	423	FARAFRA	290	6	35	02	0	0	—	21.4	19	46	7
	432	DAKHLA	340	11	50	00	0	0	—	21.5	19	37	4
	435	KHARGA	360	3	15	00	0	0	—	21.0	20	33	3
RED SEA	450	SUEZ	180	5	50	03	0	2	Cu	17.5	21	33	4
	459	TÛR	310	16	35	00	0	0	—		21		
	462	HURGHÂDA	320	14	30	00	0	0	—	16.7	20	46	8
	465	QUSEIR	20	13	15	02	0	0	—	17.9	22	57	13
	641	PORT SÛDÂN	110	7	30	01	1	1	Cu	13.3	27	74	22
NORTH SÛDÂN	600	WÂDI HALFA	20	22	7	07	1	3	Ci	16.5	23	15	-5
	640	ABU HAMAD	360	11	10	07	0	0	—		31	24	8
	660	KAREIMA	20	10	30	02	0	0	—	11.4	30	27	9
	680	'ATBARA	360	9	30	03	0	3	Cs	9.2	32	17	4
	721	KHARTÛM	340	12	30	02	1	3	Cs	7.8	33	19	6
	730	KASSALA	180	2	30	02	0	0	—	4.2	38	13	5
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	360	9	35	02	0	0	—	7.6	30	33	12
	771	EL OBEID	20	14	30	03	1	6	Ci	7.2	32	24	9
	760	EL FÂSHER	70	7	30	02	0	1	Ci		30	16	1
	770	GENEINA	20	12	30	02	1	5	Ci		29	8	-9
S. SÛDÂN	840	MALAKÂL	360	9	30	02	0	0	—	5.2	30	19	4
	880	WÂU	340	2	10	04	2	8	Cs	5.6	35	20	9
	941	JUBA	130	5	30	03	2	8	Cu, Ac	5.2	35	35	17

STATION	At 1800 on Friday 19th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	220	3	15	02	2	6	Ac	14.6	18	52	8	0
SÎDI BARÂNI												
MATRÛH	230	12	10	03	2	5	Ac	16.2	17	42	4	0
EL DABA	00	0	15	03	2	8	Ac	17.6	12	63	5	0
ALEXANDRIA	220	16	35	02	2	4	Cb	18.6	16	49	5	0
FOUAD (Airport)	250	10	12	01	1	2	Sc	18.3	14	67	8	0
DAMIETTA	250	2	7	00	0	0	—	19.1	14	77	10	0
PORT SA'ÎD	260	8	14	01	0	0	—	19.0	15	72	10	0
EL 'ARISH												
DAMANHUR	270	9	7	02	0	0	—	18.7	12	77	8	0
MANŞURA	360	5		00	1	0	—	20.2	12	77	8	0
TANTA	270	2	35	02	1	0	—	20.6	12	55	3	0
ZAGAZIG	220	1	35	02	1	0	—	19.8	12	77	8	0
ISMA'ÎLÎA	250	2	35	03	1	4	Ac	20.8	14	67	8	0
FAROUK (Airport)	250	7	12	00	0	0	—	20.3	13	63	6	0
ALMÂZA	270	12	12	00	0	0	—	20.1	14	48	3	0
EZBEKÎYA	00	0	12	00	0	0	—	20.2	14	55	5	0
GÎZA	00	0	12	00	0	0	—	19.9	11	63	4	0
HELWÂN	290	6	7	02	0	0	—	20.6	14	36	-1	0
FAIYÛM	00	0	35	02	0	0	—	21.4	13	67	7	0
MINYA	00	0	8	00	0	0	—	21.1	10	62	3	0
AŞYÛT MANQABÂD	00	0	10	00	0	0	—	21.1	14	67	8	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	21.4	12	63	5	0
QENA	220	2	7	00	0	0	—	18.8	17	52	7	0
LUXOR	180	5	12	00	0	0	—	19.5	12	59	4	0
ASWÂN	350	5	50	00	0	0	—	19.0	18	46	6	0
SÎWA	250	5	10	00	0	0	—	20.6	12	51	2	0
BAHARÎYA	270	2	15	02	0	0	—	20.7	11	63	4	0
FARAFRA	290	2	15	02	0	0	—	21.6	11	77	7	0
DAKHLA	340	8	50	00	0	0	—	21.5	14	36	-1	0
KHARGA	00	0	35	00	0	0	—	21.4	14	48	3	0
SUEZ	00	0	35	02	0	2	—	19.0	17	42	4	0
TÛR	40	6	50	00	0	0	—		16	77	12	0
HURGHÂDA	290	13	10	00	0	0	—	18.0	19	64	12	0
QUSEIR	360	9	15	02	0	0	—	18.0	20	56	11	0
PORT SÛDÂN	00	0	30	00	0	0	—	16.7	24	89	22	0
WÂDI HALFA	10	10	30	02	1	6	Ac, Ci	18.4	17	37	2	0
ABU HAMAD												
KAREIMA	360	18	10	07	0	0	—	14.9	23	16	-4	0
'ATBARA												
KHARTÛM	360	9	30	01	1	0	—	10.1	26	27	5	0
KASSALA	360	4	30	02	0	0	—	9.1	23	15	-5	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	12	30	01	2	2	Ci	10.8	25	32	7	0
EL FÂSHER	80	2	30	03	1	3	Ci		25	21	1	0
GENEINA	20	10	30	01	1	3	Ci		23	18	-3	0
MALAKÂL	50	6	30	02	2	7	Cs	7.7	28	29	8	0
WÂU	00	0	30	02	2	7	Cs	7.4	28	19	2	0
JUBA	00	0	30	01	2	7	Cs	7.9	28	45	15	0

STATION	At 0600 on Saturday 20th January: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	22	15	00	0	0	—	18.7		10	20		9		62	3	0	84	
SÎDI BARÂNI																			
MATRÛH	220	22	8	07	0	1	Sc, Cu	13.8	-4.5	9	19		6		50	-1	0	Rain	
EL DABA	180	15	15	00	0	0	—			9	18		8		62	2	0	32	
ALEXANDRIA	200	15	50	00	0	0	—	16.4	-2.2	10	17	-1	8	-2	50	0	0	39	128
FOUAD (Airport)	220	11	12	02	0	0	—	16.4		10	18		8		88	8	0	42	94
DAMIETTA	220	12	7	00	0	0	—	17.9	-0.1	9	19		6		71	4	0	Rain	59
PORT SA'ÎD	220	15	14	02	0	0	—	17.8	+0.3	12	19		10		67	6	0	5	
EL 'ARISH	160	12	35	02	0	0	—	17.9	-0.3	14			9	+2	72	9	0	Rain	45
DAMANHUR	270	19	7	02	0	0	—	18.3	-0.1	9	20	0	7	0	71	4	0	24	53
MANŞURA	180	5	35	00	0	0	—	17.8	-0.2	7	21	+1	5	-2	88	5	0	18	25
TANTA	220	2	35	02	0	0	—	19.0	+0.1	8	21	+1	5	-1	71	3	0	15	20
ZAGAZIG	220	2	35	02	0	0	—	18.7	-0.5	8	22	+2	7	0	71	3	0	Rain	13
ISMA'ÎLÎA	220	5	35	01	0	0	—	18.7		14	20		9		55	5	0	9	
FAROUK (Airport)	180	21	12	00	0	0	—	19.1		10	20		9		71	5	0	dr.	
ALMÂZA	130	12	15	00	0	0	—	18.7	-0.3	10	20		8		67	4	0	1	
EZBEKÎYA	00	0	12	00	0	0	—	19.4	0.0	9	21	+1	8	0	67	3	0	1	12
GÎZA	00	0	12	00	0	0	—	19.1	0.0	9	21	+2	7	+2	71	4	0	2	13
HELWÂN	160	9	7	00	0	0	—	20.0	+0.5	8	19	+1	8	0	71	3	0	1	13
FAIYÛM	00	0	35	02	0	0	—	21.1	+1.9	8	22	+1	4		71	3	0	dr.	4
MINYA	160	3	8	00	0	0	—	20.6	-0.7	6	20		2		71	1	0	0	
AŞYÛT MANQABÂD	00	0	8	10	0	0	—	21.2	+1.1	8	19		5		76	4	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	19.9	+0.6	7	23		4		71	2	0	0.1	
QENA	320	2	15	00	0	0	—	20.8	+1.9	9	22	-1	6	-1	88	7	0	0	
LUXOR	00	0	30	00	0	0	—	20.3	+1.3	9	22		3		62	2	0	0	
ASWÂN	350	5	50	00	0	0	—	20.0	+1.1	11	22	-1	9	-1	71	6	0	0	
SÎWA	200	6	11	00	0	0	—	17.8	-2.8	10	19	-1	7	+3	58	2	0	dr.	6
BAHARÎYA	00	0	35	02	0	0	—	21.0	+0.9	10	20	0	4	-1	62	3	0	0	5
FARAFRA	240	2	35	02	0	0	—	21.6		5	19		0		70	0	0	dr.	
DAKHLA	00	0	50	00	0	0	—	22.8	+2.2	4	20	-2	2	-3	52	-5	0	0	
KHARGA	00	0	35	00	0	0	—	21.2	+1.7	8	20	-2	3	-3	71	3	0	0	
SUEZ	00	0	50	00	0	0	—	18.6	+0.2	10	23	+3	7	-2	76	6	0	0.3	10
TÛR	360	5	50	00	0	0	—			10	21	0	4	-5	88	8	0	4	8
HURGHÂDA	240	10	30	00	0	0	—	18.2	+0.2	12	21		8	-2	44	0	0	0	
QUSEIR	310	9	15	02	0	0	—	18.3	+0.7	14	26	+3	14	-1	67	8	0	dr.	4
PORT SÛDÂN	340	9	30	01	1	2	Sc, Cu	15.0		25	28		21		74	20	0	152	88
WÂDI HALFA	360	4	30	01	0	0	—	19.1		10	24				54	1	0	dr.	
ABU HAMAD	350	8	30	02	0	0	—			17	35		15		19	-7	0		
KAREIMA	360	7	30	02	0	0	—	16.2		15	31		13		30	-3	0	dr.	1
'ATBARA	340	9	10	02	0	0	—	14.8		20	33		17		56	11	0	0.3	2
KHARTÛM	350	15	30	02	0	0	—	15.3		19	33		15		30	1	0	dr.	4
KASSALA											39								8
WÂD MEDANI	360	9	35	02	0	0	—	13.1		18	36		14		46	6	0	46	12
RENK	360	13	35	02	0	2	Ci	13.4		23	35		17		36	7	0		47
ROSEIRES	310	9	35	02	0	0	—	13.4		22	35		17		33	5	0	0	36
EL OBEID																			16
EL FÂSHER	20	2	10	05	0	1	Ci			10	32		8		41	-3	0	6	6
GENEINA											32								4
MALAKÂL	360	9	35	02	0	0	—	13.1		18	36		14		46	6	0	46	12
WÂU	70	1	30	01	1	2	Ci	11.5		22	38		18		50	11	0	70	88
JUBA	360	3					Ci			22	37		18		57	13	0	144	144
	180	5	30	03	2	8	Ac, Ci	10.2		26	36		22		58	17	0	192	145

HUMIDITY %

Mean of day

STATION	on 19th	Diff. from normal
Alexandria	64	-2
Ezbeklya	49	-10
Gîza	55	-18
Helwân	42	-16

GÎZA GRASS MINIMUM TEMP. ON 20th 3.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK (Farouk) AIRPORT — On 19th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	156	18	46	280	15
950					
900					
850	1516	4	81	250	16
800					
700	3069	-1		280	33
600					
500	5687	-17		280	49
400	7321	-30		270	42
300	9320	-40		270	95

AIRPORT — On ..... At .....

AIRPORT — On ..... At .....

UPPER WIND OBSERVATIONS on 19th

STATION	Port Said DIR.	Port Said VEL.	Aswan DIR.	Aswan VEL.	Asyut DIR.	Asyut VEL.	Minya DIR.	Minya VEL.	Dakhla DIR.	Dakhla VEL.	Hurghada DIR.	Hurghada VEL.
TIME	14		14		14		14		14		14	
HEIGHT m. 300	270	9	250	18	320	10	310	10	190	20	350	18
600	270	17	260	18	320	10	310	16	140	21	330	20
1000	260	28	260	24	320	10	310	14			290	17
1500	280	31	270	23	340	11	310	13			280	20
2000			280	33	300	25	280	29			270	17
3000			290	35	290	23						
4000					260	36						
5000					260	56						
6000					260	56						
7000												
8000												

UPPER WIND OBSERVATIONS on 20th

STATION	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SA'ÎD DIR.	PORT SA'ÎD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MANQABÂD DIR.	ASYUT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA DIR.	HURGHADA VEL.	DIR.	VEL.	DIR.	VEL.
TIME													2													
HEIGHT m. 300													160	5												
600													280	11												
1000													270	10												
1500													260	10												
2000													270	26												
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME																								
HEIGHT m. 300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

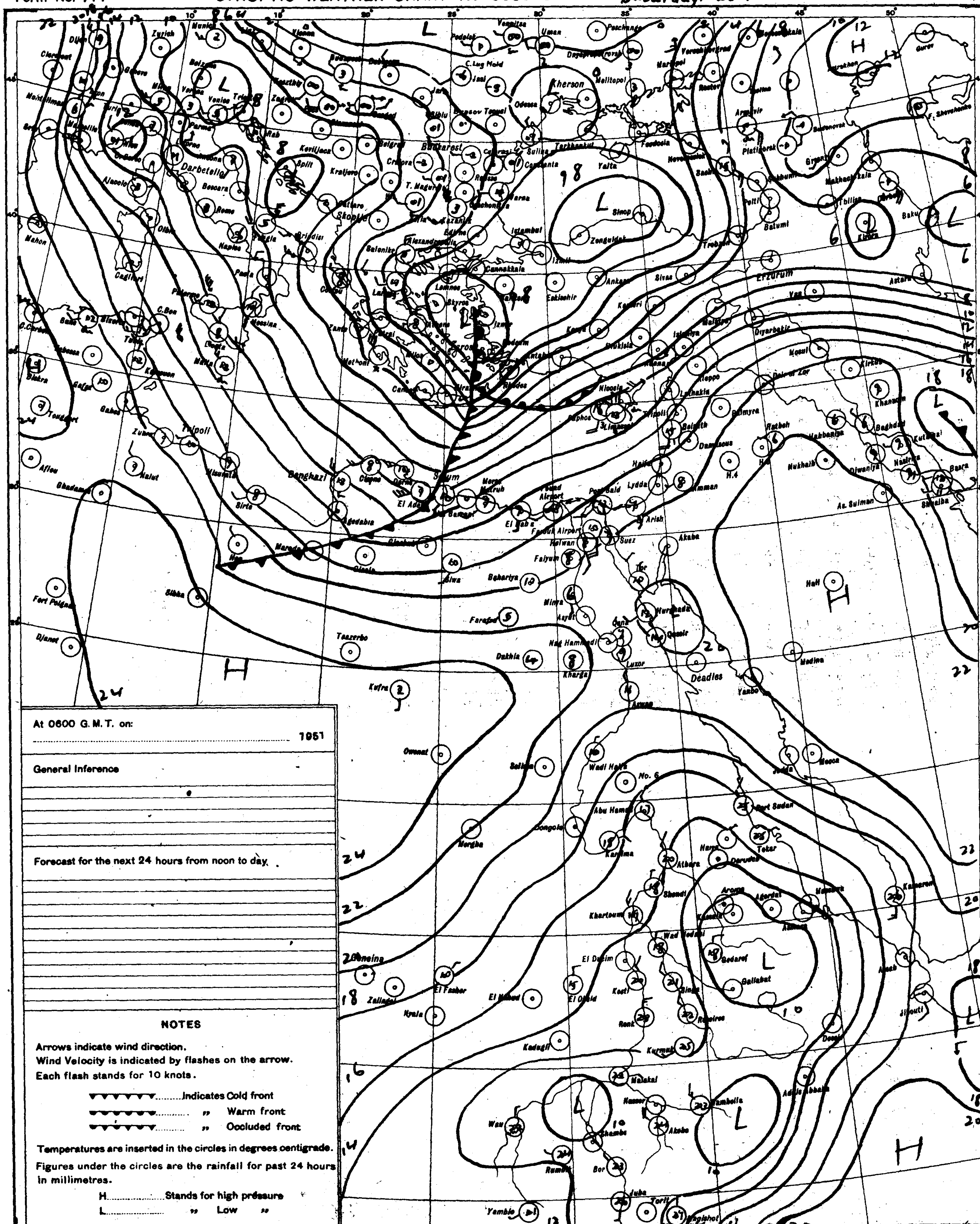
LIBRARY MAR 22 WEATHER BUREAU

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 20-1-1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼..........Indicates Cold front
●●●●●●●............ ,, Warm front
●▼●▼●▼●............ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H........................Stands for high pressure
L........................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(43/557) (56/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 22 G.M.T.

MINISTRY OF WAR AND MARINE — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 21st January, 1951

AREA	INDEX NUMBER	STATION	At 1200 on Saturday 20th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	320	2	35	03	2	5	ac	11.1	19	37	4
	303	SÎDI BARÂNI	280	26	10	07	1	3	cb	11.2	18	40	4
	306	MATRÛH	260	31	09	09	3	0	—	11.4	18	28	-1
	309	EL DAB'A	270	7	15	00	0	0	—	11.3	19	35	3
		ALEXANDRIA	220	27	50	02	1	3	sc, cu	13.4	17	42	4
	318	FOUAD (Airport)	240	29	18	02	0	0	—	13.5	18	32	1
	330	DAMIETTA	220	13	35	02	0	0	—	14.3	18	37	3
	333	PORT SA'ID	260	19	30	02	0	0	—	15.0	18	46	6
	336	EL 'ARISH	160	12	35	02	0	0	—	17.1	20	46	8
LOWER EGYPT	339	DAMANHUR	290	30	1.5	35	3	0	—	15.1	19	30	1
	342	MANSURA	270	19	35	00	0	0	—	14.8	19	37	4
	348	TANTA	270	18	35	03	0	0	—	15.9	19	30	1
	354	ZAGAZIG	220	17	35	02	0	0	—	15.2	19	37	4
	440	ISMA'ILIA	250	19	15	02	0	0	—	15.9	18	37	3
CAIRO AREA	366	FAROUK (Airport)	200	25	14	00	0	0	—	16.4	18	28	-1
	372	ALMAZA	220	26	12	00	0	0	—	15.2	18	34	2
		EZBEKIYA	220	18	18	00	0	0	—	16.0	19	37	4
		GÎZA	220	18	18	00	0	0	—	15.8	20	33	3
	378	HELWÂN	220	16	7	02	0	0	—	16.6	18	30	0
UPPER EGYPT	381	FAIYÛM	200	5	35	02	0	0	—	17.2	19	37	4
	387	MINYA	280	6	10	00	0	0	—	17.8	20	24	-1
	393	ASYÛT MANQABÂD	330	5	30	00	0	0	—	18.1	18	60	10
	399	NAG' HAMMÂDI	270	2	7	00	0	0	—	17.7	21	41	7
	402	QENA	290	2	50	00	0	0	—	17.6	20	41	6
	405	LUXOR	20	6	30	00	0	0	—	16.8	20	33	3
	414	ASWÂN	320	2	50	00	0	0	—	14.9	23	29	4
OASES	417	SÎWA	240	19	10	06	0	0	—	16.8	19	23	-3
	420	BAHARÎYA	270	4	35	02	0	0	—	17.2	19	37	4
	423	FARAFRA	270	17	35	07	3	0	—	19.1	20	46	8
	432	DAKHLA	340	8	50	00	0	0	—	19.1	18	37	3
	435	KHARGA	00	0	35	00	0	0	—	15.4	20	24	-1
RED SEA	450	SUEZ	180	4	50	02	0	0	—	15.6	18	46	6
	459	TÛR	310	8	35	00	0	0	—		20		
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	16.8	20	73	15
	641	PORT SUDÂN	90	8	30	02	0	4	Cu, Ci	11.3			20
NORTH SUDAN	600	WÂDI HALFA	140	13	30	02	0	0	—	15.1	21	23	-1
	640	ABU HAMAD	40	3	30	02	0	0	—		30	25	8
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM		12	30	02	0	0	—	8.1	32	20	6
	730	KASSALA	260	5	30	02	0	0	—	4.6			
CENTRAL SUDAN	751	WÂD MEDANI	210	9	25	02	0	0	—				8
	801	RENK	210	13	35	02	0	2	Ci	8.0	33	19	6
	802	ROSEIRES	00	0	35	02	0	0	—	8.6	29	31	10
	771	EL OBEID	20	11	30	03	0	1	Ci	9.1	30	24	7
	760	EL FÂSHER											
	770	GENEINA	20	5	10	05	0	0	—		31	10	-4
S. SUDAN	840	MALAKÂL	70	8	30	02	1	4	Ci	6.6	33	16	4
	880	WÂU	200	2				1	Cs		32	20	6
	941	JUBA	50	3	30	02	2	8			36	31	16

STATION	At 1800 on Saturday 20th: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALUM	220	22	15	01	0	0	—		15	59	7	0
SÎDI BARÂNI	300	25	10	02	0	1	Cu	14.0	15	59	7	0
MATRÛH	270	11	6	07	0	1	Cu	14.1	14	67	8	0
EL DAB'A	270	9	15	00	0	0	—	13.9	15	39	3	0
ALEXANDRIA	220	16	35	00	0	0	—	14.2	15	30	-3	0
FOUAD (Airport)	220	13	12	03	0	1	ac	13.6	14	45	2	0
DAMIETTA	220	15	7	03	1	5	ac	14.3	12	63	5	0
PORT SA'ID	260	14	14	02	0	0	—		15	55	6	0
EL 'ARISH	220	12	15	02	0	0	—	16.0	15	39	1	0
DAMANHUR	270	19		02	1	1	Cu	15.0	13	55	4	0
MANSURA	220	15		00	0	0	—	14.8	12	55	3	0
TANTA	270	12	35	03	2	6	ac	16.3	13	67	7	0
ZAGAZIG	220	12	35	02	0	0	—	15.2	13	55	4	0
ISMA'ILIA	250	15	35	02	0	0	—	16.0	14	55	5	0
FAROUK (Airport)	200	20	11	00	0	0	—	16.3	15	42	2	0
ALMAZA	230	15	10	07	0	0	—	15.8	15	48	4	0
EZBEKIYA	00	0	12	00	0	0	—	16.4	14	48	3	0
GÎZA	00	0	12	00	0	0	—	16.3	14	43	3	0
HELWÂN	200	8	7	02	0	0	—	16.7	13	44	1	0
FAIYÛM	00	0	35	02	0	0	—	17.9	15	48	4	0
MINYA	260	4	8	00	0	0	—	18.3	12	38	-2	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	19.1	13	55	4	0
NAG' HAMMÂDI	00	0	12	00	0	0	—	18.6	12	63	5	0
QENA	270	2	7	00	0	0	—	17.9	15	59	7	0
LUXOR	00	0	12	00	0	0	—	18.2	13	55	4	0
ASWÂN	350	5	50	00	0	0	—	17.3	19	37	4	0
SÎWA	250	5	10	00	0	0	—	17.6	14	36	-1	0
BAHARÎYA	220	1	15	02	0	0	—	18.6	12	44	0	0
FARAFRA	220	5	15	02	0	0	—	19.8	12	55	3	0
DAKHLA	320	6	50	00	0	0	—	21.2	14	27	-5	0
KHARGA												
SUEZ	180	6	35	02	0	0	—	14.7	17	34	1	0
TÛR	20	2	15	00	0	0	—		14	88	12	0
HURGHADA												
QUSEIR	330	9	15	02	0	0	—	17.0	18	73	13	0
PORT SUDÂN												
WÂDI HALFA	320	10	30	02	0	0	—	17.6	16	28	-3	0
ABU HAMAD	320	4	30	02	0	0	—		24	34	7	0
KAREIMA	340	6	30	02	0	0	—	13.8	23	41	9	0
'ATBARA	360	5	30	02	0	0	—	10.3	27	28	7	0
KHARTÛM	320	8	30	02	0	0	—	10.8	27	22	3	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	5	30	01	1	1	Ci	11.5	23	34	6	0
EL FÂSHER	90	2	7	05	0	0	—		23	26	2	0
GENEINA	360	4	30	02	0	0	—		24	17	-3	0
MALAKÂL	20	5	30	01	2	8	Ci	8.7	27	30	8	0
WÂU	360	4	30	02	0	0	—	8.9	28	29	8	0
JUBA	00	0	10	04	2	8	Ci	7.5	27	66	19	0

STATION	At 0600 on Sunday 21st January: WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total from Oct. 1st.	RAINFALL Normal from Oct. 1st.
SALUM	250	11	15	00	0	0	—	18.4		9	19		7		88	7	0	84	
SÎDI BARÂNI	210	18	12	00	0	0	—	17.6		9	19		6		71	4	0	95	
MATRÛH	300	16	10	02	1	2	cu, ac	18.2	0.0	10	19		8		62	3	dr.	Rain	
EL DAB'A	270	15	15	00	0	0	—	17.3		10	19		7		62	3	0	32	
ALEXANDRIA	220	22	50	03	1	6	Sc	17.5	-1.1	15	17	-1	10	0	68	9	0	39	130
FOUAD (Airport)	240	13	14	01	1	5	Sc	17.2		12	18		10		77	8	0.3	42	95
DAMIETTA	220	12		03	2	6	sc	17.6	-0.1	10	18		7		76	6	0	Rain	60
PORT SA'ID	270	16	14	02	0	1	ac	17.5	0.0	11	18		11	0	71	6	0	5	
EL 'ARISH											21	+2							46
DAMANHUR	270	19		02	1		Cu	18.4	0.0	10	20	0	8	+1	76	6	0	24	54
MANSURA	320	15	35	02	1	3	Sc, Cu	17.9	-0.1	9	20	0	7	0	71	4	0	18	25
TANTA	220	15	7	03	2	8	Sc	19.2	+0.3	10	19	-1	6	0	62	3	0	15	20
ZAGAZIG	220	13	15	02	1	4	ac	18.7	-0.1	8	22	+2	6	0	71	3	0	Rain	14
ISMA'ILIA	250	19	35	01	0	0	—	18.8		12	19		10		55	3	0	9	
FAROUK (Airport)	200	14	10	00	0	0	—	19.1		11	20		9		51	1	0	Rain	
ALMAZA	200	12	12	00	0	0	—	18.9	0.0	10	20		9		58	2	0	1	
EZBEKIYA	00	0	12	00	0	0	—	19.5	+0.6	10	20	0	9	+1	50	0	0	1	13
GÎZA	00	0	12	00	0	0	—	19.1	+0.1	10	20	+1	8	+3	50	0	0	2	14
HELWÂN	140	4	15	00	0	0	—	20.6	+1.2	9	19	0	8	0	47	-2	0	1	13
FAIYÛM	00	0	35	02	0	0	—	21.9	+2.7	8	21	0	4	-2	58	0	0	dr.	4
MINYA	150	3	8	00	0	0	—	21.5	+1.7	7	21		3		57	-1	0	0	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	21.7	+1.6	10	20		6		67	4	0	dr.	
NAG' HAMMÂDI											21								
QENA	320	2	15	00	0	0	—	21.5	+2.6	6	22	-1	5	-2	71	1	0	0	
LUXOR	00	0	30	00	0	0	—	20.8	+1.8	8	23		2		50	-2	0	0	
ASWÂN											24	+1							
SÎWA	00	0	11	00	0	0	—	21.1	+0.5	7	20	0	5	+1	88	5	0	dr.	6
BAHARÎYA	180	2	35	02	0	0	—	21.4	+1.4	12	20	0	6	+1	55	3	0	0	5
FARAFRA	00	0	35	02	0	0	—	22.0		8	21		1		58	0	0	dr.	
DAKHLA	00	0	50	00	0	0	—	23.1	+2.9	6	20	-2	3	-2	71	1	0	0	
KHARGA																			
SUEZ	270	3	50	00	0	0	—	18.8	+0.4	11	21	+1	8	-1	63	4	0	0.3	10
TÛR	310	14	35	00	0	0	—	18.6	+0.7	16	22	+1	8	-1			0	4	9
HURGHADA																			
QUSEIR	310	9	15	02	0	0	—	18.8	+1.3	15	23	0	13	-1	59	7	0	dr.	4
PORT SUDÂN																			88
WÂDI HALFA											24								
ABU HAMAD											32								
KAREIMA											31								1
'ATBARA	360	3	10	02	0	0	—	14.6		21	32		17		44	8	0	0.3	2
KHARTÛM	340	12	30	02	0	1	Ci	14.9		19	33				32	2	0	dr.	4
KASSALA																			8
WÂD MEDANI	310	9	35	01	0	0	—	14.4		18	35		14		46	6	0	46	12
RENK	310	5	35	02	0	0	—	13.1		21	36		16		44	8	0		49
ROSEIRES																			36
EL OBEID	350	13	30	03	1	5	Ci	16.1		17	32		13		30	-1	1	7	16
EL FÂSHER											32								6
GENEINA	350	5	30	02	0	0	—			14	33				23	-7	0		4
MALAKÂL	20	16		03	1	8	Ci	12.6		23	36		18		29	4	0	70	88
WÂU											35								144
JUBA	130	2	30	03	2	8	ac, ci	12.7		24	37		20		61	16	0	192	145

HUMIDITY % Mean of day

STATION	on 20th	Diff. from normal
Alexandria	40	-26
Ezbeklya	51	-16
Giza	51	-22
Helwân	54	-4

GÎZA GRASS MINIMUM TEMP. ON 21st 3.6°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK (Airport) — On 20th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	130	18	32	230	17
950					
900					
850	1489	5	49	250	26
800					
700	3063	-2		240	47
600					
500	5682	-15			
400	7329	-27			
300	9353	-37			

UPPER WIND OBSERVATIONS on 20th

STATION	Port Said		Minya		Asyut		Dakhla		Siwa	
TIME	14		14		14		14		14	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	240	19	250	14	280	13	320	10	270	28
600	240	28	250	18	270	15	320	10	270	28
1000	230	24	260	23	270	16	290	10	270	35
1500	230	32	250	17	260	11	300	10	290	30
2000	220	10	260	42	290	29			280	38
3000	270	5								
4000										
5000										
6000										
7000										
8000										

UPPER WIND OBSERVATIONS on 21st

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME					8		8				8 30		2											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					250	17	270	19			170	8	290	12										
600					270	19	280	17			270	10	310	26										
1000					280	22	280	19			270	17	310	16										
1500							280	16			280	15	290	11										
2000											290	25												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME									4		4		5		4		4		5		5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300									20	13														
600									30	22	30	20	40	19	350	23	40	8					10	17
1000									20	16	30	14	60	9	350	27	10	21	10	23	10	9	10	32
1500									330	4	310	8	70	23	20	12	60	15	50	13	20		50	15
2000																			20	11				
3000									270	32	300	7	350	11	40	8	40	4	120	7	50	11		
4000															290	5			140	7				
5000																			180	3				
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

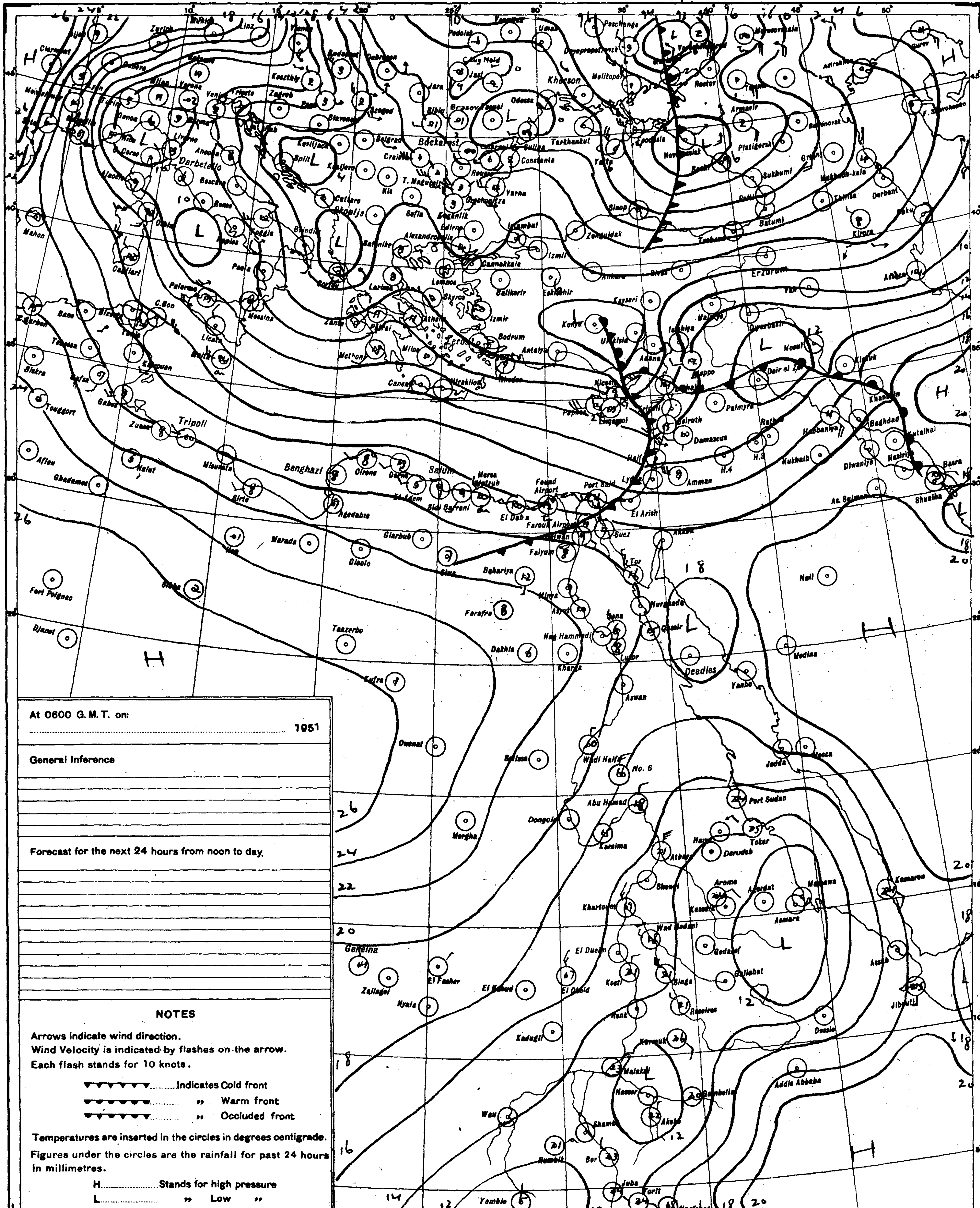
Printed by the Survey of Egypt 1949 (49/597).(50/831)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 21-1-* 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... „ Warm front
▼●▼●▼● .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... „ Low „

S of E 1949(49/567) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
„ or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
„ „ hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
„ „ hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
„ „ hail	96	
„ „ Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th „ „ „	2
3/8 „ „ „ „	3
4/8 „ „ „ „	4
5/8 „ „ „ „	5
6/8 „ „ „ „	6
7/8 „ „ „ „	7
Sky completely covered	8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M. A. H.

CAIRO

Time of Sunrise 04 51 G.M.T.

" " Sunset 15 23 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 22nd January 1951

At 1200 on Sunday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	220	11	35	03	1	3	Cu	16.8	18	52	8
	303	SÎDI BARÂNI	260	10	18	03	0	2	Cu	16.8	18	46	6
	306	MATRÛH	270	11	13	02	1	1	Cu,Ci	17.2	18	28	-1
	309	EL DABA	270	4	35	01	1	3	Cu	16.8	19	30	1
		ALEXANDRIA	240	19	50	02	2	7	Cb	18.5	17	60	9
	318	FOUAD (Airport)	240	19	18	03	1	7	Cu,Ci	17.5	17	56	8
	330	DAMIETTA	320	15		03	2	7	Sc	17.8	17	60	9
	333	PORT SA'ÎD	270	8	14	02	2	7	Ac	17.3	17	64	10
	336	EL 'ARISH	240	12	35	01	0	5	Sc	18.0	20	41	6
Lower Egypt	339	DAMANHUR	270	9	15	02	1	3	Cu	18.7	18	52	8
	342	MANSURA	270	5	35	02	1	3	Sc,Cu	18.0	19	46	7
	348	TANTA	220	5	35	03	2	6	Cu,Sc	17.8	18	52	8
	354	ZAGAZIG	220	2	35	03	1	3	Cu	18.2	19	49	8
	440	ISMA'ILIA	270	5	35	03	2	8	Ac	16.2	20	41	6
Cairo Area	366	FAROUK (Airport)	200	9	18	03	1	5	Cu,Ac	17.5	18	43	5
	372	ALMAZA	250	12	15	02	2	5	Sc,Cu	18.2	19	46	7
		EZBEKIYA	00	0	18	02	1	6	Cu	18.2	19	40	5
		GIZA	00	0	18	02	1	6	Cu	18.0	20	41	6
	378	HELWÂN	00	0	35	03	1	2	Cu	18.8	18	37	3
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	19.8	19	46	7
	387	MINYA	20	5	12	00	0	0	—	19.5	20	26	0
	393	ASYÛT MANQABAD	320	4	15	00	0	0	—	19.1	18	52	8
	399	NAG' HAMMADI	270	1	7	00	0	0	—	18.2	21	41	7
	402	QENA	220	2	50	00	0	0	—	18.2	20	41	6
	405	LUXOR	320	6	30	00	0	0	—	17.6	21	28	2
	414	ASWÂN	330	5	50	00	0	0	—	16.9	21	23	-1
Oases	417	SIWA	250	9	12	03	0	1	Cu	20.8	18	43	5
	420	BAHARIYA	360	4	35	02	0	0	—	19.6	18	46	6
	423	FARAFRA	240	8	35	02	0	0	—	20.6	19	52	9
	432	DAKHLA	340	4	50	00	0	0	—	18.4	19	30	1
	435	KHARGA	00	0	35	00	0	0	—	18.8	19	37	4
Red Sea	450	SUEZ	180	4	50	03	0	2	Cu	17.2	21	26	1
	459	TOR	310	17	35	00	0	0	—	17.1	20	88	18
	462	HURGHADA											
	465	QUSEIR	20	13	15	02	0	0	—	17.4	21	65	14
	641	PORT SUDÂN	50	11	30	03	1	2	Cu	13.4	27	62	19
North Sudan	600	WÂDI HALFA	20	15	50	02	0	0	—	16.5	21	18	-4
	640	ABU HAMAD	20	5	30	02	0	0	—		29	33	11
	660	KAREIMA	360	7	30	02	0	0	—	12.6	28	19	2
	680	'ATBARA	360	9	10	07	0	0	—	10.0	30	29	10
	721	KHARTÛM	350	10	30	02	0	1	Cs	10.0	31	22	7
	730	KASSALA	50	5	30	02	0	0	—	6.2	36	22	11
Central Sudan	751	WAD MEDANI	50	9	35	02	0	0	—	8.3	33	23	9
	801	RENK	310	13	35	02	0	1	Ci	8.2	39	17	10
	802	ROSEIRES	310	13	35	02	0	0	—	6.3	35	23	10
	771	EL OBEID	40	13	30	02	0	0	—	9.0	29	40	14
	760	EL FÂSHER	50	4	10	02	0	0	—		29	15	0
	770	GENEINA	80	6	30	02	0	0	—		30	6	-11
S. Sudan	840	MALAKÂL	360	11	30	01	3	4	Ci	7.0	34	16	5
	880	WÂU	50	9	30	02	0	0	—	6.4	35	18	7
	941	JUBA	50	2	30	01	2	0	—	5.6	35	25	12

At 1800 on Sunday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	330	9		02	1	5	Sc,Cu	16.4	16	49	5	0
SÎDI BARÂNI												
MATRÛH	240	7	12	02	2	7	Ac,Ci	17.5	16	49	5	0
EL DABA	00	0	7	03	2	8	St	17.8	15	45	3	0
ALEXANDRIA	220	10	50	01	2	4	Cu	18.0	15	59	7	0
FOUAD (Airport)	230	5	12	01	0	1	Sc	17.9	13	72	8	0
DAMIETTA	220	5	7	02	2	8	Sc	18.2	14	77	10	0
PORT SA'ÎD	250	4	10	03	2	7	Ac	18.3	14	77	10	0
EL 'ARISH												
DAMANHUR	270	9	7	02	0	0	—	18.8	11	77	7	0
MANSURA	320	5		00	1	0	—	18.8	13	77	9	0
TANTA	220	2	35	03	2	8	Ac	19.0	10	88	8	0
ZAGAZIG	220	1	35	02	1	0	—	18.2	13	77	9	0
ISMA'ILIA	290	2	35	01	0	0	—	18.7	14	67	8	0
FAROUK (Airport)	220	3	12	01	0	0	—	19.1	14	67	8	0
ALMAZA	260	6	10	02	0	0	—	18.8	14	59	6	0
EZBEKIYA	00	0	12	00	0	0	—	18.7	13	59	5	0
GIZA	00	0	12	00	0	0	—	18.8	10	76	6	0
HELWÂN	00	0	15	02	0	0	—	19.4	14	55	5	0
FAIYÛM	00	0	35	02	0	0	—	20.3	12	63	5	0
MINYA	00	0	10	00	0	0	—	19.9	11	51	1	0
ASYÛT MANQABAD	200	7	10	00	0	0	—	19.8	12	63	5	0
NAG' HAMMADI	00	0		00	0	0	—	19.8	11	77	7	0
QENA	320	2	7	00	0	0	—	18.4	14	55	5	0
LUXOR	00	0	12	00	0	0	—	18.5	12	44	0	0
ASWÂN												
SIWA	260	5	10	03	2	8	Sc	20.6	17	46	5	0
BAHARIYA	00	0	15	02	0	0	—	20.2	11	63	4	0
FARAFRA	270	1	15	02	0	0	—	21.0	11	77	7	0
DAKHLA	320	6	50	00	0	0	—	21.5	14	27	-5	0
KHARGA	00	0	15	00	0	0	—	20.7	15	39	1	0
SUEZ	00	0	35	01	0	0	—	18.4	14	55	5	0
TOR	20	18	15	00	0	0	—	17.1	14	95	14	0
HURGHADA												
QUSEIR	360	13	15	02	0	0	—	17.6	20	64	13	0
PORT SUDÂN												
WÂDI HALFA	360	6	50	02	0	0	—	17.4	17	24	-4	0
ABU HAMAD												
KAREIMA	340	10	30	02	0	0	—	14.5	21	23	-1	0
'ATBARA	360	5	30	02	0	0	—	11.8	25	42	11	0
KHARTÛM	330	10	30	02	0	0	—	11.7	26	25	4	0
KASSALA	360	3	30	02	0	0	—	10.1	23	53	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	10	30	02	1	0	—	11.7	23	24	1	0
EL FÂSHER	80	3	10	02	2	0	—		23	26	2	0
GENEINA	10	6	30	02	0	0	—		24	14	-6	0
MALAKÂL	30	7	30	01	1	0	—	8.1	26	28	6	0
WÂU	20	5	30	02	0	0	—	7.5	27	28	7	0
JUBA	00	0	30	01	1	0	—	7.0	26	45	13	0

At 0600 on Monday 22nd January

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	250	9	15	03	2	7	Sc,Cu	15.2		13	19		7		77	9	0	84	
SÎDI BARÂNI	250	13	12	00	0	7	Sc,Cu	16.0		13			11		51	13	0	95	
MATRÛH	240	17	14	02	2	7	Ac	14.7	-3.6	14	19		12		55	5	0	Rain	
EL DABA	270	14	15	02	2	5	Sc,Cu			15	19		10		39	1	0	32	
ALEXANDRIA	220	10	50	02	2	3	Cu	14.8	-3.8	13	18	0	11	+1	67	7	0	39	132
FOUAD (Airport)	250	15	18	02	0	2	Cu	14.5		12	19		10		59	4	0	42	97
DAMIETTA	220	12	7	01	1	4	Ac	15.6	-2.1	8	18		6		71	3	0	Rain	61
PORT SA'ÎD	230	15	14	02	0	1	Ci	16.9	-2.6	12	18		10		63	5	0	5	
EL 'ARISH	220	15	35	01	1	1	—	16.7	-1.5	15			11	+4	48	4	0	Rain	46
DAMANHUR	270	13	7	02	0	0	—	15.6	-2.8	10	19	-1	8	+1	62	3	0	24	55
MANSURA	270	5	35	00	0	0	—	15.6	-2.4	7	21	+1	5	-2	88	5	0	18	26
TANTA	220	12	35	03	2	7	Cu,Sc	16.1	-2.8	9	21	+1	6		71	4	0	15	20
ZAGAZIG	220	13	15	02	0	0	—	16.3	-2.6	8	19	-1	6	0	71	3	0	Rain	14
ISMA'ILIA	250	9	35	01	0	0	—	16.6		12	21		8		55	3	0	9	
FAROUK (Airport)	200	21	14	03	2	7	Sc	17.1		11	19		9		51	1	0	dr.	
ALMAZA	200	13	14	03	1	8	Sc	17.2	-1.6	11	20		8		51	1	0	1	
EZBEKIYA	200	10	12	02	1	8	Sc	17.1	-1.7	10	21	+1	8	0	58	2	0	1	13
GIZA	200	10	12	02	1	8	Sc	17.4	-1.5	10	22	+3	7	+2	62	3	0	2	14
HELWÂN	140	4	15	03	2	8	Sc	17.8	-1.7	9	20	+2	8	0	62	2	0	1	14
FAIYÛM	00	0	35	03	2	6	Sc	19.8	+0.6	9	22	+1	4	-2	62	2	0	dr.	4
MINYA	00	0	8	00	0	0	—	19.6	-0.3	4	20		2		70	-1	0	0	
ASYÛT MANQABAD	290	3	8	10	0	0	—	19.7	-0.4	9	19		6		71	4	0	dr.	
NAG' HAMMADI											21								
QENA	320	2	15	00	0	0	—	18.8	-0.1	8	21	-2	6	-1	71	3	0	0	
LUXOR	00	0	35	00	0	0	—	18.1	-0.9	6	22		2	-3	57	-2	0	0	
ASWÂN	00	0	50	00	0	0	—	18.6	-0.3	12			9	-1	59	4	0	0	
SIWA	260	4	11	00	0	0	—	19.8	-0.8	7	19	-1	5	+1	71	2	0	dr.	6
BAHARIYA	00	0	35	02	1	3	Ac	19.5	-0.6	11	20	0	4	-1	63	4	0	0	5
FARAFRA	160	1	35	02	0	0	—	20.7		6	20		1		71	1	0	dr.	
DAKHLA	00	0	15	00	0	0	—	21.0	+0.7	7	20	-2	3	-2	57	-1	0	0	
KHARGA	00	0	35	00	0	0	—	19.6	+0.1	11	19	-3	4	-2	63	4	0	0	
SUEZ	00	0	50	00	0	1	Sc	16.8	-1.6	10	23	+3	6	-3	76	6	0	0.3	10
TOR	40	11	50	00	0	0	—	17.6	-0.3	9	22	+1	7	-2	88	7	0	4	9
HURGHADA																			
QUSEIR	310	9	15	02	0	0	—	17.6	0.0	14	24	+1	13	-1	67	8	0	dr.	4
PORT SUDÂN	340	8	30	01	2	5	Sc,Cu	14.4		23	28		21		89	21	0	152	88
WÂDI HALFA	340	7	30	02	0	0	—	18.3		8	25				50	-2	0	dr.	
ABU HAMAD	340	11	30	02	0	0	—			17	30		15		19	-7	0		
KAREIMA	360	6	30	02	0	0	—	13.5		13	30		11		34	-3	0	dr.	1
'ATBARA											31								2
KHARTÛM	340	10	30	02	0	0	—	13.1		18	32		15		24	-3	0	dr.	4
KASSALA	250	3	30	02	0	0	—	10.5		21	37		16		69	15	0	dr.	8
WAD MEDANI	50	9	35	02	0	0	—	12.0			34		15			3	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID											31								16
EL FÂSHER	10	1	30	02	0	0	—			13	33		9		22	-8	0	6	6
GENEINA	30	4	30	02	0	0	—				32		11			-8	0		4
MALAKÂL	20	10	30	01	1	2	Cs	10.5		22	35		17		36	6	0	70	88
WÂU	00	0		02	0	0	—	9.8		21	36		15		57	12	0	144	144
JUBA	180	2	30	02	2	8	Ac,Ci	9.9		25	36		18		51	14	0	192	145

HUMIDITY %

Mean of day

Station	on 21st	Diff. from normal
Alexandria	59	-7
Ezbekiya	47	-20
Giza	59	-14
Helwân	46	-12

GIZA GRASS MINIMUM TEMP. ON 22nd 2.6°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 21st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	155	15	48	260	9
950					
900					
850	1499	1	80	260	13
800					
700	3052	-3		260	25
600					
500	5620	-22		260	50
400	7227	-31		260	56
300	9169	-48		260	95

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st

Station	Siwa		Port Said		Asyut		S. Barrani		Matruh				Dakhla								Farouk		Minya		Port Said	
Time	14		14		14		14		14				14								20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	12	270	14	310	10	260	15	310	12			190	8							260	11	300	10	260	12
600	280	16	270	12	320	12	260	17	260	12			180	9							260	10	310	10	260	11
1000	290	10	280	12	330	12	270	21	270	10											260	10	320	9	250	15
1500	290	22	260	16	330	11															240	12	270	4	250	27
2000					270	8															240	24	350	19		
3000					250	17															260	11	280	11		
4000																					260	10				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time											8	30	3										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300											160	6	310	10									
600											240	16	310	15									
1000											270	13	300	16									
1500											260	18	270	14									
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4				4		4		4	45	5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	19														
600									20	16	20	23			360	20	60	10					10	28
1000									20	17	20	21			20	27			20	20	360	5	20	38
1500									360	9	50	15			10	11	100	4	50	15	90	7		
2000									270	13							20	8	200	16				
3000									270	31					30	12	200	9			50	9	40	15
4000															360	1					340	6		
5000															220	13								
6000															210	13								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

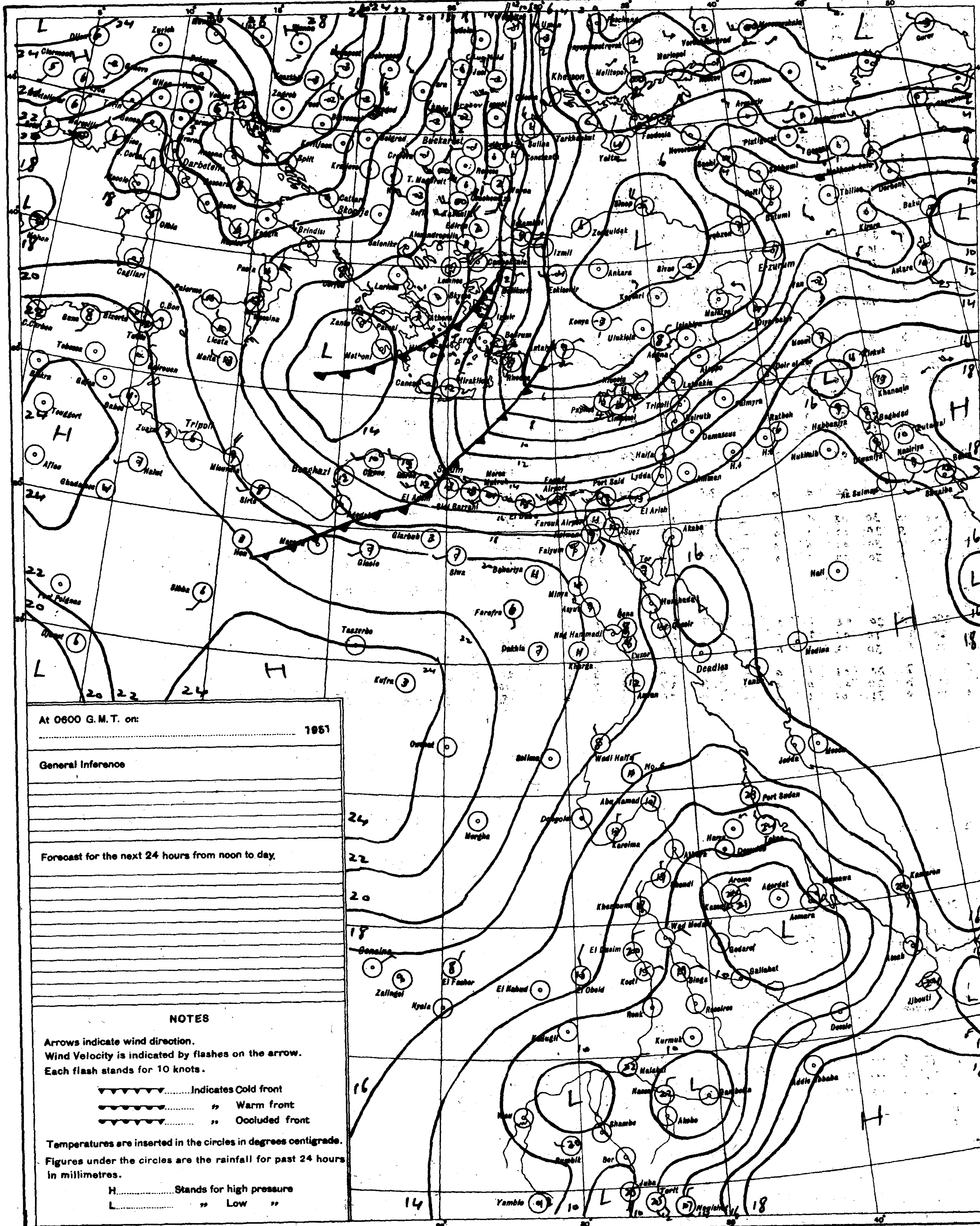
LIBRARY WEATHER BUREAU

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 22nd 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... ,, Warm front
●▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during the past hour 91
Hail } 93
Thunderstorm with rain 95
,, hail 96
,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/867)(50/531)

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 04 39 G.M.T.
" " Sunset 15 24 G.M.T.

DAILY WEATHER REPORT

Date: Tuesday 23rd January, 1951

At 1200 on Monday 22nd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	290	13	35	02	2	6	Sc, Cu	14.6	19	52	9
	303	SÎDI BARÂNI	230	11	18	01	2	5	Sc	13.9	18	60	10
	306	MATRÛH	310	25	8	07	2	6	Sc, Cu, Ac	13.9	18	60	10
	309	EL DABA	280	12	35	02	1	4	Cu	13.4	20		
		ALEXANDRIA	270	31	50	03	2	5	Cb	13.0	18	52	8
	318	FOUAD (Airport)	270	24	10	07	2	4	Cu	13.1	19	49	8
	330	DAMIETTA	220	15	35	02	1	3	Cu	12.6	20	46	8
	333	PORT SA'ÎD	260	15	18	02	1	2	Sc	13.0	18	30	6
	336	EL 'ARISH	220	13	35	03	2	6	Sc	15.2	19	37	4
LOWER EGYPT	339	DAMANHUR	310	24	7	03	r	2	Cu	14.3	19	46	7
	342	MANSURA	320	19	35	03	2	5	Sc, Cu	14.0	20	41	6
	348	TANTA	270	18	35	03	2	7	Cu, Sc	15.1	20	41	6
	354	ZAGAZIG	220	15	35	07	2	3	Cu	14.4	19	46	7
	440	ISMAÎLIA	270	13	35	03	1	3	ac	14.4	19	30	1
CAIRO AREA	366	FAROUK (Airport)	250	18	18	02	1	5	Sc	15.4	18	37	3
	372	ALMAZA	250	20	15	01	2	7	Sc	14.9	18	37	3
		EZBEKÎYA	270	9	18	02	1	6	Cu	15.1	19	37	4
		GÎZA	270	9	18	02	1	6	Cu	15.5	19	37	4
	378	HELWÂN	220	11	7	01	1	5	Cu	15.4	18	28	-1
UPPER EGYPT	381	FAIYÛM	00	0	35	01	1	4	—	17.1	18	37	3
	387	MINYA	320	11	10	03	1	1	ac	17.1	20	26	0
	393	ASYÛT MANQABÂD	350	2	15	00	0	0	—	16.8	18	56	9
	399	NAG' HAMMÂDI	270	3		00	0	0	—	18.5	20	41	6
	402	QENA	270	2	50	00	0	0	—	15.2	21	33	4
	405	LUXOR	340	10	30	00	0	0	—	15.7	20	24	-1
	414	ASWÂN	330	3	50	00	0	0	—	13.6	21	23	-1
OASES	417	SÎWA	280	10	12	00	0	0	—	18.7	19	37	4
	420	BAHARÎYA	270	4	35	02	1	0	—	17.5	19	37	4
	423	FARAFRA	290	12	35	02	0	0	—	17.1	19	52	9
	432	DAKHLA	340	6	50	00	0	0	—	17.4	19	30	1
	435	KHARGA	00	0	35	00	0	0	—	18.0	20	33	3
RED SEA	450	SUEZ	290	5	50	03	0	5	Cu	14.4	20	33	3
	459	TÛR	310	12	35	00	0	0	—	11.0	19	54	10
	462	HURGHÂDA											
	465	QUSEIR	360	13	15	02	0	0	—	10.9	20	73	15
	641	PORT SÛDÂN	70	10	30	01	2	2	Cu	12.0	27	70	21
NORTH SÛDÂN	600	WÂDI HALFA	360	15	50	02	0	0	—	15.5	21	21	-2
	640	ABU HAMAD	360	9	50	02	0	0	—		28	31	6
	660	KAREIMA	340	8	30	02	0	0	—	11.5	28	23	-2
	680	'ATBARA	340	9	30	02	0	0	—	8.6	30	35	13
	721	KHARTÛM	350	10	30	02	0	0	—	8.2	31	19	5
	730	KASSALA	360	5	30	02	0	0	—	4.4	35	23	11
CENTRAL SÛDÂN	751	WÂD MEDANI	50	13	35	02	0	0	—	5.8	30	24	7
	801	RENK											
	802	ROSEIRES	310	9	35	02	0	0	—	4.3	35	22	10
	771	EL OBEID	40	10	30	02	0	0	—	8.2	29	19	3
	760	EL FÂSHER	40	5	50	02	0	1	Ci		29	20	4
	770	GENEINA	50	5	30	03	0	2	Cs				-6
S. SÛDÂN	840	MALAKÂL	20	13	30	01	1	0	—	5.2	34	16	5
	880	WÂU	50	4	30	02	0	1	Ci	5.8	35	15	5
	941	JUBA	360	9	30	03	1	8	Cs	3.5	35	23	11

At 1800 on Monday 22nd

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALUM	290	9	15	00	0	0	—	17.9	14	55	5	0
SÎDI BARÂNI	320	17	12	01	1	1	Sc	16.8	14	59	6	0.4
MATRÛH	320	20	10	01	8	3	Cu, Ci	16.5	16	49	5	0.2
EL DABA	320	11	7	02	0	6	Sc	15.4	16	49	5	0
ALEXANDRIA	290	24	35	02	5	6	Cb	13.9	15	77	11	dr.
FOUAD (Airport)	280	18	8	07	8	5	Cu, Sc	13.8	16	72	11	dr.
DAMIETTA	220	Cu		03	1	6	Sc	13.0	15	68	9	0
PORT SA'ÎD	250	18	18	03	1	7	ac	13.4	15	68	9	0
EL 'ARISH	220	15	15	01	0	0	—	14.3	16	42	3	0
DAMANHUR	310	13		20	5	8	Cb	15.0	15	68	9	dr.
MANSURA	240	9		03	2	8	Sc, Cu	14.2	15	68	9	0
TANTA	270	5	35	03	9	8	Cb	14.1	13	67	7	0
ZAGAZIG	220	2	15	02	1	0	—	14.7	13	67	7	0
ISMAÎLIA												
FAROUK (Airport)	200	19	12	01	1	4	Cc	15.9	14	42	1	0
ALMAZA	250	18	12	02	2	7	Sc	15.6	16	42	3	0
EZBEKÎYA	220	5	12	02	1	6	Cu	15.9	16	42	3	0
GÎZA	220	5	12	02	1	6	Sc, Cu	16.0	15	48	4	0
HELWÂN	270	8	7	02	1	6	Sc	16.4	15	34	-1	0
FAIYÛM	00	0	35	01	0	0	—	17.9	14	48	3	0
MINYA	300	2	8	00	0	0	—	18.7	10	50	0	0
ASYÛT MANQABÂD	230	5	10	00	0	0	—	18.5	13	63	6	0
NAG' HAMMÂDI	00	0		00	0	0	—	18.6	11	77	7	0
QENA	320	2	7	00	0	0	—	17.3	14	55	5	0
LUXOR	270	8	12	00	0	0	—	17.6	12	51	2	0
ASWÂN	00	0	50	00	0	0	—	17.3	18	32	1	0
SÎWA	260	5	10	00	0	0	—	19.1	13	63	6	0
BAHARÎYA	320	1	15	02	0	0	—	19.0	12	55	3	0
FARAFRA	290	3	15	02	0	0	—	19.9	12	63	5	0
DAKHLA	340	6	50	00	0	0	—	19.5	14	39	0	0
KHARGA	00	0	15	00	0	0	—	18.8	14	36	-1	0
SUEZ	220	4	35	01	0	2	Sc.	15.1	17	34	1	0
TÛR	40	11	15	00	0	0	—	15.5	17			0
HURGHADA												
QUSEIR	360	9	15	02	0	0	—	15.2	18	73	13	0
PORT SÛDÂN	60	6	30	03	1	6	Cu	14.1	25	70	19	0
WÂDI HALFA	340	13	50	03	0	2	Ci	17.5	16	34	0	0
ABU HAMAD	360	10	30	02	0	0	—		21	16	-6	0
KAREIMA	340	18	30	02	0	0	—	13.8	21	15	-7	0
'ATBARA	340	9	30	02	0	0	—	11.1	25	39	10	0
KHARTÛM												
KASSALA	360	9	30	02	0	0	—	8.5	25	42	11	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	10	30	02	0	0	—		23	19	-2	0
EL FÂSHER	40	2	50	01	0	0	—		21	28	2	0
GENEINA	20	5	30	02	0	0	—		14	30	5	0
MALAKÂL	360	8	30	02	0	0	—	6.9	26	32	8	0
WÂU	20	5	30	02	0	0	—	6.8	28	31	9	0
JUBA	00	0	30	01	2	2	Ci	5.6	25	45	12	0

At 0600 on Tuesday 23rd January,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	20	9	15	03	1	4	Sc	22.4		13	20		10		44	1	0	84	
SÎDI BARÂNI	30	12	12	00	0	7	Ac	22.3		13	19		11		48	2	0.4	96	
MATRÛH	40	12	15	02	2	7	Cb, ac	21.8	+3.7	12	20		10		67	6	0.2	Rain	
EL DABA	360	9	15	02	1	4	Cu			14	22		12		42	1	0	32	
ALEXANDRIA	360	11	50	02	2	5	Cb	20.4	+1.9	13	18		12	+2	67	1	dr.	39	133
FOUAD (Airport)	360	15	12	02	1	5	Cu, Sc	20.0		13	20		12		44	1	dr.	42	98
DAMIETTA	320	5		02	2	6	Cu, Sc	20.0	+2.4	12	20		6		63	5	3	Rain	62
PORT SA'ÎD	350	18	12	03	1	5	Cu, Sc	19.3	+1.9	13	19		12		55	4	3	8	
EL 'ARISH	320	19	15	03	2	7	Cb	19.6	+1.6	12	21	+2	12		59	4	dr.	Rain	47
DAMANHUR	360	5	7	01	1	2	Cu	21.4	+3.1	11	20	0	10	+3	51	1	dr.	24	56
MANSURA	360	5	35	02	8	4	Sc, Cu	19.5	+1.6	10	21	+1	9	+2	62	3	2	20	26
TANTA	310	10	35	02	0	0	—	20.8	+1.8	10	21	+1	7	+1	62	3	0	15	20
ZAGAZIG	00	0	15	03	1	3	Cu	20.6	+1.8	8	19	-1	7	+1	88	6	0	Rain	14
ISMAÎLIA	290	5	35	01	1	5	ac	20.4		12			9		63	5	0	9	
FAROUK (Airport)	00	0	11	03	2	5	Sc	21.4		10	19		9		76	6	dr.	dr.	
ALMAZA	320	5	12	03	2	6	Sc	20.9	+2.1	11	19		9		67	5	0	1	
EZBEKÎYA	00	0	12	02	1	5	Sc	21.4	+2.6	11	20	0	10	+2	67	5	dr.	1	13
GÎZA	00	0	12	02	1	5	Sc	20.7	+1.9	10	20	+1	6	+1	76	6	dr.	2	14
HELWÂN	00	0	3	00	0	2	Sc	21.4	+2.1	10	19	0	10	+2	76	6	0	1	14
FAIYÛM	00	0	35	03	1	2	Sc	21.8	+2.7	11	21	0	8		77	7	0	dr.	4
MINYA	340	2	8	00	1	0	—	21.1	+1.3	7	20		4		66	1	0	0	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	21.6	+1.6	10	19		7		76	6	0	dr.	
NAG' HAMMÂDI	00	0		00	0	0	—	20.4	+1.3	7	20		4		71	2	0	0.1	
QENA	320	2	15	00	0	0	—	20.7	+1.9	10	21	-2	5	-2	62	3	0	0	
LUXOR	200	4	30	00	0	0	—	19.6	+0.7	10	21	3	5		50	0	0	0	
ASWÂN	00	0	50	00	0	0	—	20.0	+1.2	13	22	-2	8	-2	41	0	0	0	
SÎWA	80	4	11	00	0	0	—	23.0	+2.5	8	19	-1	8	+4	82	5	0	dr.	6
BAHARÎYA	360	3	35	02	0	0	—	22.0	+2.1	11	20	0	8	+3	88	9	0	0	5
FARAFRA	360	7	35	02	1	2	Ci	21.9		11	20		6		77	7	0	dr.	
DAKHLA	00	0	50	00	0	0	—			7	20	-2	4	-1	57	-1	0	0	
KHARGA	00	0	15	00	0	0	—	21.1	+1.7	9	21	-2	4	-2	62	2	0	0	
SUEZ	310	4	50	00	0	0	—	19.8	+1.5	12	22	+2	9	0	55	3	0	0.3	10
TÛR	360	10	50	00	0	0	—	18.7	+0.9	16	22	+1	9	0			0	4	9
HURGHADA																			
QUSEIR	70	9	15	02	0	2	—	18.1	+0.7	15	24	+1	13	-1	68	9	0	dr.	4
PORT SÛDÂN	340	10	10	60	6	8	Sc, ac	14.8		23	28		22		74	18	dr.	152	88
WÂDI HALFA	360	2	50	02	0	0	—	19.9		8	23		6		76	4	0	dr.	
ABU HAMAD			4	07	0	0	—			15	28		13		27	-4	0		
KAREIMA	50	10	30	02	0	0	—	16.7		14	29		13		27	-5	0	dr.	1
'ATBARA			4	07	0	0	—	14.1			31					-3	0	0.3	2
KHARTÛM	340	12	30	02	0	0	—	14.5		19	32		16		21	-4	0	dr.	4
KASSALA	230	2	30	02	0	0	—	10.9		20	36		16		69	14	0	dr.	8
WÂD MEDANI	50	9	35	02	0	0	—	13.6		19	32		17		43	6	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID											31								16
EL FÂSHER	20	5	50	02	0	0	—			11	31		9		26	-8	0	6	6
GENEINA											32								4
MALAKÂL											35								88
WÂU											35								144
JUBA	00	0	30	03	1	6	ac, Ci			24	36		10		47	12	0	192	145

HUMIDITY

Mean of day %

STATION	on 22nd	Diff. from normal
Alexandria	71	+2
Ezbekîya	43	-14
Gîza	47	-25
Helwân	44	-14

GÎZA GRASS MINIMUM TEMP. ON 23rd 2.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 22nd At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	122	18	34	270	17
950					
900					
850	1480	5	70	280	22
800					
700	3034	-2		280	36
600					
500	5632	-19		280	45
400	7253	-32		280	49
300	9236	-43		280	59

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

STATION	Farouk		Dakhla		Siwa		Minya		Port Said														Minya		Farouk	
TIME	14		14		14		14		14														20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	270	17	190	14	280	22	290	12	260	13			300	16									300	25	190	35
600	260	26	190	16	290	20	290	12	250	23			300	16									300	24	200	35
1000	260	26	180	10	290	25	290	16	260	33			300	16									300	22	210	29
1500	270	26	150	13	300	37	290	21	270	24			310	16									290	23	220	26
2000					320	22	290	33	250	28													300	28		
3000					310	26	280	21					260	28												
4000					310	31							270	31												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME							8				7	15	2				4	30						
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300							330				10	10	340	18			330	4						
600							330	16			10	18	360	31			360	14						
1000							320	16			10	18	350	24			350	17						
1500							310	10			360	19	330	23			330	19						
2000							360	15			310	27	310	16										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME																								
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

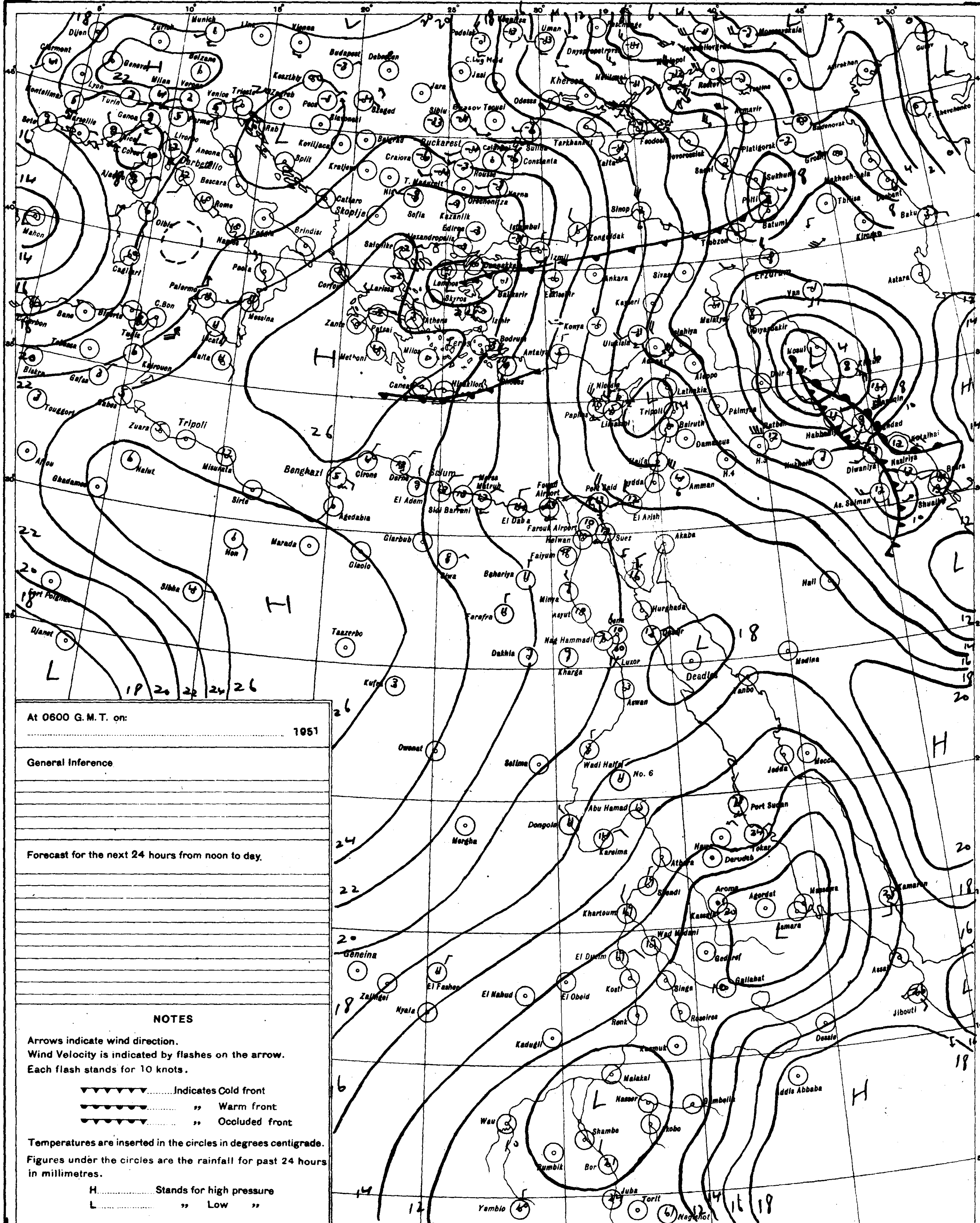
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 23-1-1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless.................00
Clouds dissolving..........01
State of sky generally unchanged..02
Clouds developing...........03

Visibility more than 1000 metres:
- Visibility reduced by smoke..........04
- Dry haze..........05
- Dust in the air..........06
- ,, or sand raised by wind..........07
- Dust devil..........08
- Duststorm or sandstorm within sight or at station during last hour..........09
- Mist..........10
- Shallow fog..........12

Lightning, no thunder heard..........13
Precipitation within sight..........16
Thunder, no precipitation..........17

During past hour and not at time of observation:
- Squalls..........18
- Drizzle..........20
- Rain..........21
- Showers of rain..........25
- ,, ,, hail..........27
- Fog..........28
- Thunderstorm..........29

Duststorm or Sandstorm..........31
Fog..........45
Drizzle..........50
Rain..........60
Showers of rain..........80
,, ,, hail..........87
Rain } Thunderstorm during..........91
Hail } the past hour..........93
Thunderstorm with rain..........95
,, ,, hail..........96
,, ,, Sandstorm..........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds..........0.
Some clouds..........1.
Mainly overcast..........2.
Sandstorm or Duststorm..........3.
Fog or thick dusthaze (vis less than 1000 m.)..........4.
Drizzle..........5.
Rain..........6.
Snow or rain and snow..........7.
Showers of rain..........8.
Thunderstorm with or without rain..........9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless..........0
1/8 of sky coverd or trace of cloud..........1
2/8 th ,, ,, ,,..........2
3/8 ,, ,, ,, ,,..........3
4/8 ,, ,, ,, ,,..........4
5/8 ,, ,, ,, ,,..........5
6/8 ,, ,, ,, ,,..........6
7/8 ,, ,, ,, ,,..........7
Sky completely covered..........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness..........9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

CAIRO
Time of Sunrise 04 50 G.M.T.
" " Sunset 15 25 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 24th January, 1951

At 1200 on Tuesday 23rd

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	110	5	35	02	1	4	Sc, Cu	23.1	16	42	3
	303	SÎDI BARÂNI	10	5	18	01	1	2	Cu	23.2	15		
	306	MATRÛH	40	12	15	01	2	6	Cu, Ac	23.1	15	59	7
	309	EL DABA	20	7	35	03	2	6	Sc		15	55	6
		ALEXANDRIA	360	15	15	03	2	6	Sc	22.4	13	44	1
	318	FOUAD (Airport)	350	15	14	02	1	7	Sc	22.5	15	36	0
	330	DAMIETTA	320	15	15	02	2	6	Sc.	21.4	14	48	3
	333	PORT SA'ÎD	340	10	30	02	0	2	Cu, Sc	20.8	14	48	3
	336	EL 'ARISH	220	5	35	01	1	4	Sc.	19.5	15	48	4
LOWER EGYPT	339	DAMANHUR	360	9	15	03	1	7	Cu	22.8	14	55	5
	342	MANSURA	360	9	35	03	2	5	Sc, Cu	22.2	15	39	1
	348	TANTA	360	8	35	03	2	6	Cu, Sc	22.0	15	30	-3
	354	ZAGAZIG	320	3	35	03	2	4	Cu	21.9	15	48	4
	440	ISMA'ILÎA	340	9	35	01	0	4	Cu	20.8	16	32	-1
CAIRO AREA	366	FAROUK (Airport)	360	16	30	02	1	4	Cu	21.9	15	34	-1
	372	ALMÂZA	20	16	14	01	0	2	Cu	21.5	15	30	-3
		EZBEKÎYA	360	4	18	02	1	4	Cu	21.4	16	36	1
		GÎZA	360	4	18	02	1	4	Cu	21.1	16	32	-1
	378	HELWÂN	360	15	35	02	1	2	Cu	21.5	15	30	-3
UPPER EGYPT	381	FAIYÛM	00	0	35	01	1	1	Ac	22.3	16	32	-1
	387	MINYA	360	15	10	03	2	5	Ac	20.9	17	34	1
	393	ASYÛT MANQABÂD	350	8	15	01	1	1	Cu	19.5	18	52	8
	399	NAG' HAMMÂDI	320	3	7	00	0	0	—		20	46	8
	402	QENA	290	2	50	00	0	0	—	17.6	21	41	7
	405	LUXOR	20	1	35	00	0	0	—	17.4	20	35	4
	414	ASWÂN											
OASES	417	SÎWA	90	5	12	01	1	3	Ac	23.1	18	46	6
	420	BAHARÎYA	360	3	35	02	1	3	Ac	21.5	17	42	4
	423	FARAFRA	40	4	35	02	2	7	Ac	21.9	18	60	10
	432	DAKHLA	340	8	50	03	0	2	Ci'		19	37	4
	435	KHARGA	360	4	15	00	0	0	—	20.7	19	37	4
RED SEA	450	SUEZ	310	5	50	02	0	2	Cu	19.2	15	30	-3
	459	TÛR	360	23	35	00	0	0	—	17.4	18		
	462	HURGHÂDA	310	24	30	00	0	0	—	17.0	17	60	9
	465	QUSEIR	360	13	15	02	0	0	—	16.2	20	64	13
	641	PORT SÛDÂN	30	16	30	01	6	5	Cu, Sc	13.1	26	58	17
NORTH SÛDÂN	600	WÂDI HALFA	20	17	50	02	0	0	—	16.7	21	23	-1
	640	ABU HAMAD	360	10	30	02	0	0	—		26	18	0
	660	KAREIMA	50	13	30	02	0	0	—	12.4	26	16	-2
	680	'ATBARA	340	13	7	07	0	0	—	8.7	29	31	10
	721	KHARTÛM											
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	5.8	33	19	6
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	60	12	50	02	0	0	—		27	5	-15
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	30	19	30	02	0	0	—	4.2	34	16	5
	880	WÂU											
	941	JUBA	340	13	30	03	1	6	Cs	2.7	36	20	10

At 1800 on Tuesday 23rd

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	320	5	15	00	0	1	Cu	25.2	12	55	3	0
SÎDI BARÂNI	330	2	14	03	1	6	Sc	25.7	14	55	5	0
MATRÛH	30	3	14	01	1	5	Sc	25.4	12	63	5	0
EL DABA												
ALEXANDRIA	20	11	35	02	2	8	Sc	25.1	13			0
FOUAD (Airport)	360	5	12	03	2	7	Sc	24.6	12	77	8	0
DAMIETTA												dr
PORT SA'ÎD	320	11	18	02	2	7	Sc	22.4	13	59	5	0
EL 'ARISH	320	9	15	03	2	7	Sc	21.2	14	42	1	0
DAMANHUR	360	9	15	02	½	8	Cu	24.3	11	63	4	0
MANSURA	320	5		03	2	7	Sc	24.8	12	55	3	0
TANTA	00	0	35	03	2	8	Sc	24.7	11	77	7	0
ZAGAZIG	320	1	35	03	1	4	Sc, Cc	24.6	9	71	4	0
ISMA'ILÎA	340	5	35	01	0	0	—	23.8	11	51	1	0
FAROUK (Airport)	20	3	12	00	1	0	—	24.8	9	62	2	0
ALMÂZA	30	4	12	00	0	0	—	24.2	10	62	3	0
EZBEKÎYA	360	2	12	00	0	0	—	24.6	11	54	2	0
GÎZA	360	2	12	00	0	0	—	23.8	10	62	3	0
HELWÂN	360	8	15	01	0	0	—	24.7	11	41	-2	0
FAIYÛM												
MINYA	350	6	8	00	2	0	—	23.7	8	50	-2	0
ASYÛT MANQABÂD	320	4	8	00	0	0	—	22.7	15	55	6	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	21.3	12	63	5	0
QENA	320	2	7	00	0	0	—	20.9	14	48	3	0
LUXOR	310	8	12	00	0	0	—	19.9	14	39	0	0
ASWÂN	350	5	50	00	0	0	—	19.0	18	37	3	0
SÎWA												
BAHARÎYA	40	3	15	02	1	0	—	24.2	12	55	3	0
FARAFRA	340	5	35	02	2	0	—	23.3	10	76	6	0
DAKHLA	320	7	50	00	0	0	—	20.3	15	36	0	0
KHARGA	360	2	15	00	0	0	—	21.4	13	55	4	0
SUEZ	360	5	35	01	0	1	Sc	22.1	11	51	1	0
TÛR	310	22	15	00	0	0	—	21.9	15			0
HURGHÂDA	260	11	10	00	0	0	—	19.5	14	77	10	0
QUSEIR	360	19	15	02	0	0	—	19.0	19	73	14	0
PORT SÛDÂN	10	13	30	02	2	8	Cu, Sc	15.3	25	65	18	Rain
WÂDI HALFA	40	5	50	02	0	0	—	19.2	16	34	0	0
ABU HAMAD	350	8	30	02	0	0	—		19	19	-5	0
KAREIMA	360	14	30	02	0	0	—	15.0	21	17	-5	0
'ATBARA	340	13	10	07	0	0	—	11.2	24	19	-1	0
KHARTÛM	350	9	30	02	0	0	—	10.6	25	30	6	0
KASSALA												
WÂD MEDANI	360	7	30	01	0	0	—	6.3	26	35	9	0
RENK	20	5	30	02	0	0	—	6.5	27	23	4	0
ROSEIRES	00	0	10	04	1	0	—	4.9	27	42	13	0

At 0600 on Wednesday 24th January,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM											17								
SÎDI BARÂNI											16								
MATRÛH	250	6	14	02	2	7	Cu, Ac	26.2	+8.1	12	16		8		55	3	0	Rain	
EL DABA																			
ALEXANDRIA	330	12	30	02	2	7	Sc	25.6	+7.1	13	16	-2	12	+2	55	4	0	39	134
FOUAD (Airport)	20	2	18	02	2	8	Sc, Cu	26.0		13	15		12		72	8	0	42	99
DAMIETTA	260	2		02	2	6	Sc	25.1	+7.6	13			7		67	7	dr	Rain	63
PORT SA'ÎD	70	6	14	02	2	5	Sc	25.2	+7.8	13	15		11		55	4	0	8	
EL 'ARISH											16	-3							48
DAMANHUR	330	5	7	02	2	7	Ac	26.6	+8.4	11	15	-5	10	+3	77	7	0	24	57
MANSURA	320	5	15	03	2	7	Sc, Cu	26.7	+8.9	11	16	-4	10	+3	63	4	0	20	27
TANTA	00	0	35	03	2	7	Cu, Sc	25.8	+7.2	10			8	+2	62	3	0	15	21
ZAGAZIG	00	0	35	01	1	2	Cu	26.0	+7.2	7	15	-5	5	-1	94	6	0	Rain	14
ISMA'ILÎA	20	2	35	03	2	8	Sc	25.2		9	18		7		71	4	0	9	
FAROUK (Airport)	120	5	14	00	0	0	—	25.8		6	16		5		71	1	0	dr.	
ALMÂZA	120	6	12	00	0	0	—	25.8	+7.1	7	16		5		71	2	0	1	
EZBEKÎYA	00	0	12	00	0	0	—	26.0	+7.3	8	17	-3	5	-3	66	2	0	1	13
GÎZA	00	0	12	00	0	0	—	25.0	+6.3	5	16	-3	2	-3	81	2	0	2	14
HELWÂN	260	8	7	00	0	0	—	25.8	+6.5	9	16	-3	8	0	62	2	0	1	14
FAIYÛM	00	0	35	02	0	0	—	27.2	+8.1	7			2	-2	71	2	0	dr.	4
MINYA	350	6	8	00	0	0	—	25.0	+5.3	3	17				70	-2	0	0	
ASYÛT MANQABÂD	290	3	8	10	0	0	—	24.2	+4.2	4	19		3		87	2	0	dr.	
NAG' HAMMÂDI	360	2		00	0	0	—	23.0	+4.0	6	21		4		71	1	0	0.1	
QENA	90	20	15	00	0	0	—	21.9	+3.1	7	21	-2	5	-2	71	2	0	0	
LUXOR	00	0	30	00	0	0	—	22.0	+3.2	9	21		3		58	1	0	0	
ASWÂN											22	-2							
SÎWA	70	4	11	00	0	0	—	26.0	+5.5	5			1	-3	81	2	0	dr.	6
BAHARÎYA	360	2	35	02	0	0	—	25.4	+5.6	9	20	0	3	-2	71	4	0	0	5
FARAFRA	00	0	35	02	0	0	—	26.2		6	20		2		71	1	0	dr.	
DAKHLA	20	6	50	00	0	0	—	24.8	+4.7	10	20	-2	7	+2	50	0	0	0	
KHARGA	360	4	15	00	0	0	—	23.4	+4.0	9	20	-3	6	0	47	-2	0	0	
SUEZ	00	0	50	00	0	1	Sc	24.3	+6.1	8	16	-4	3	-6	58	0	0	0.3	10
TÛR	20	10	50	00	0	0	—	22.0	+4.2	8	20	-1	4	-5			0	4	9
HURGHADA	230	13	30	03	0	1	Cu	21.3	+3.6	11	18		7		63	4	0	0	
QUSEIR	310	9	15	00	0	0	—	21.0	+3.6	14	24	+1	13	-1	55	5	0	dr.	4
PORT SÛDÂN	310	20	30	02	2	8	Sc.	16.3		23	28		13		57	14	2	154	89
WÂDI HALFA	360	13	50	02	0	0	—	20.3		9	22		7		50	-1	0	dr.	
ABU HAMAD											27								
KAREIMA											27								1
'ATBARA	340	9	30	02	0	0	—	14.5		17	30		15		52	7	0	0.3	2
KHARTÛM	350	12	30	02	0	0	—	13.1		18	30		16		22	-4	0	dr.	4
KASSALA	50	5	30	02	0	0	—	10.4		23	35		19		65	16	0	dr.	8
WÂD MEDANI	50	9	35	02	0	0	—	11.9		19	34		12		28	0	0	46	12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	10.7		21	36		17		50	10	0	0	36
EL OBEID	360	8	30	02	0	0	—	14.3		15	29		12		30	-3	0	7	16
EL FÂSHER	10	3	30	02	0	0	—			8			6		43	-4	0	6	6
GENEINA	30	11	30	02	0	0	—			13	30		12		29	-5	0		4
MALAKÂL	20	18	30	03	1	3	Cs	9.6		22	35		18		20	-2	0	70	88
WÂU	340	5	30	02	0	0	—	10.1		19	35		17		30	1	0	144	144
JUBA	00	0	30	03	0	3	Ci'	9.5		24	37		17		47	12	0	192	145

HUMIDITY %

STATION	Mean of day on 23rd	Diff. from normal
Alexandria	41	-25
Ezbekiya	51	-15
Giza	57	-15
Helwân	55	-2

GÎZA
GRASS MINIMUM TEMP. ON 24th -2.6 °C.

Remarks

Rectif.
Please read Alexandria relative humidity for 0600 on 23.1.51 as 44 instead of 67.

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 23rd At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	187	13	41	10	16
950					
900					
850	1517	1	64	350	16
800					
700	3070	-2		330	26
600					
500	5653	-20		310	33
400	7274	-35		300	62
300	9261	-44		290	65

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 23rd

STATION	Siwa		Minya		Dakhla		Farouk		Hurghada		Asyut		Port Said								Farouk		Port Said		Minya	
TIME	14		14		14		14	30	14		14		14								20		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	70	8	10	9	150	30	360	21	340	3	330	17	320	16							360	12	310	13	20	8
600	40	7	360	16	150	26	360	20	340	33	340	23	320	10							360	15	330	11	20	29
1000	60	9	10	21	140	38	360	18	310	21	350	23	330	11							360	14	340	9	10	25
1500	80	6	20	13			340	7	300	14	350	18	340	12							10	14			40	13
2000	60	7	360	19					320	18	350	17	320	14							10	15			20	19
3000	360	16									350	4	300	9							10	14				
4000											340	10														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME			8				2				7 30		2				8 15						8	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			360	3			320	10			10	19	340	12			10	4					20	11
600			40	5			330	12			30	12	340	11			80	7					20	18
1000			20	8			360	9			60	16	350	12			80	4					20	16
1500			10	7			20	9			20	17	340	11			80	8						
2000							20	8			330	12	340	11			40	8						
3000											310	20												
4000											300	11												
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	8														4				5		5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	100	10																			30	18		
600	100	23													20	12					40	20	20	25
1000	90	19													30	15			20	29	40	15	20	46
1500	80	11													30	12			40	19			40	39
2000	60	11													20	9			40	5				
3000	90	10													290	3			250	4				
4000	360	2													130	8								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

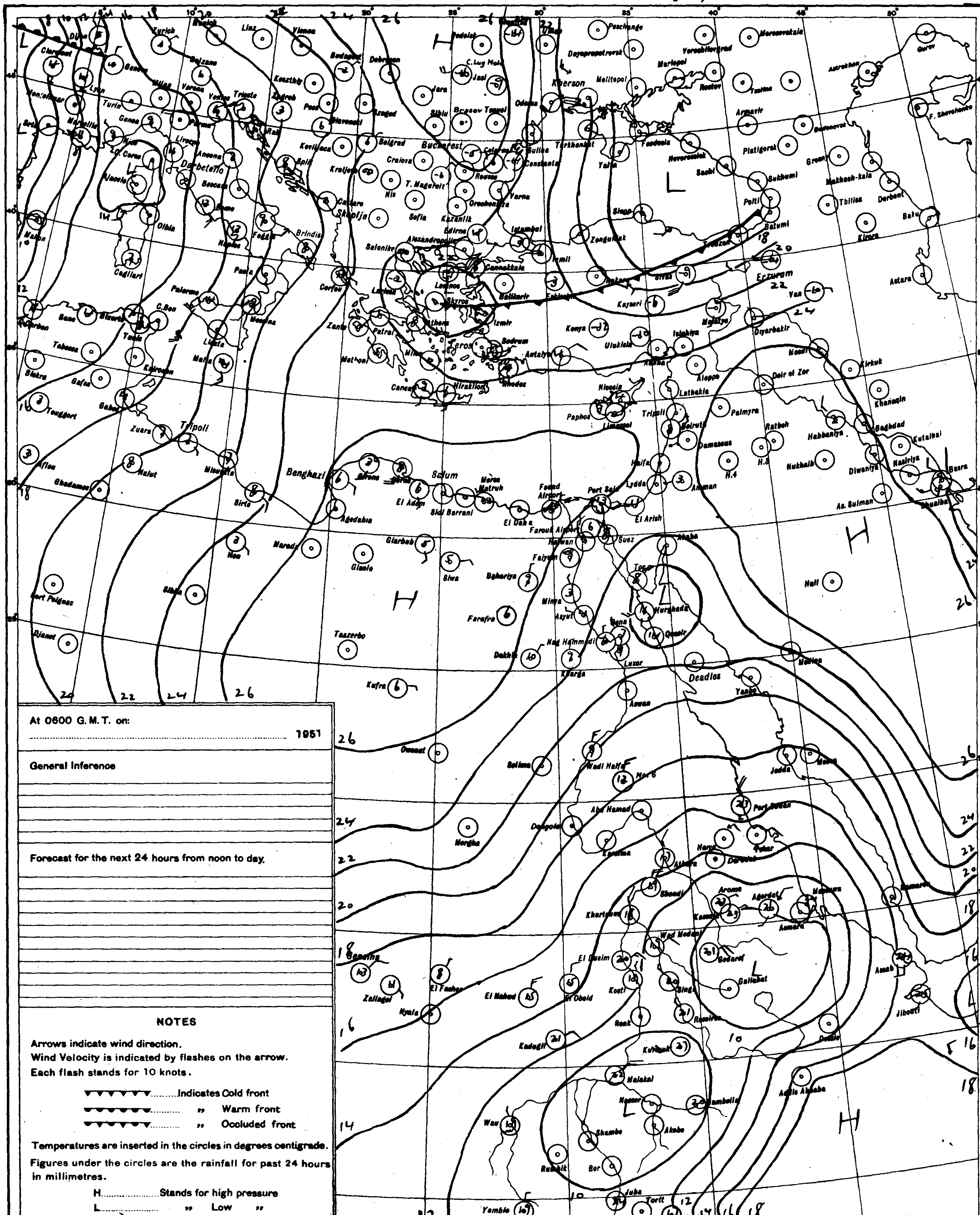
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday. 24-1-1951



At 0600 G. M. T. on:	1951
General Inference	
Forecast for the next 24 hours from noon to day.	

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H........................Stands for high pressure
L........................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless..........00
Clouds dissolving..........01
State of sky generally unchanged..........02
Clouds developing..........03

Visibility more than 1000 metres:
- Visibility reduced by smoke..........04
- Dry haze..........05
- Dust in the air..........06
- ,, or sand raised by wind..........07
- Dust devil..........08
- Duststorm or sandstorm within sight or at station during last hour..........09
- Mist..........10
- Shallow fog..........12

Lightning, no thunder heard..........13
Precipitation within sight..........16
Thunder, no precipitation..........17

During past hour and not at time of observation:
- Squalls..........18
- Drizzle..........20
- Rain..........21
- Showers of rain..........25
- ,, ,, hail..........27
- Fog..........28
- Thunderstorm..........29

Duststorm or Sandstorm..........31
Fog..........45
Drizzle..........50
Rain..........60
Showers of rain..........80
,, ,, hail..........87
Rain } Thunderstorm during..........91
Hail } the past hour..........93
Thunderstorm with rain..........95
,, ,, hail..........96
,, ,, Sandstorm..........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds..........0
Some clouds..........1
Mainly overcast..........2
Sandstorm or Duststorm..........3
Fog or thick dusthaze *(vis less than 1000 m.)*..........4
Drizzle..........5
Rain..........6
Snow or rain and snow..........7
Showers of rain..........8
Thunderstorm with or without rain..........9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless..........0
1/8 of sky coverd or trace of cloud..........1
2/8 th ,, ,, ,,..........2
3/8 ,, ,, ,, ,,..........3
4/8 ,, ,, ,, ,,..........4
5/8 ,, ,, ,, ,,..........5
6/8 ,, ,, ,, ,,..........6
7/8 ,, ,, ,, ,,..........7
Sky completely covered..........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 49 G.M.T.
" " Sunset 15 25 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 25th January, 1951

At 1200 on Wednesday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	90	5	35	00	0	0	—	24.4	16	49	5
	303	SÎDI BARÂNI	360	3	18	01	1	1	sc	24.5	15	52	5
	306	MATRÛH	360	6	15	02	2	6	cu, ac	24.6	16	49	5
	309	EL DABʿA	360	6	35	01	1	3	cu	23.8	17	34	1
		ALEXANDRIA	40	11	50	01	2	5	cu	24.7	15	48	4
	318	FOUAD (Airport)	20	8	18	01	1	6	sc	24.4	16	45	4
	330	DAMIETTA	320	5	7	01	1	4	sc	23.8	15	48	4
	333	PORT SAʿÎD	10	5	30	02	1	5	sc, ac	23.8	15	48	4
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	40	13	15	02	1	5	cu	25.1	17	42	4
	342	MANṢURA	360	5	35	03	2	5	cu	24.8	17	52	7
	348	TANTA	310	2	35	01	1	4	cu, sc	24.2	17	42	4
	354	ZAGAZIG	320	2	35	03	1	4	cu	24.6	16	49	5
	440	ISMAʿÎLÎA	20	5	35	01	1	5	cu	23.6	17	34	1
Cairo Area	366	FAROUK (Airport)	50	16	30	02	1	1	cu	23.5	15	39	1
	372	ALMÂZA	40	17	12	00	0	0	—	23.0	16	42	3
		EZBEKÎYA	360	6	18	00	0	0	—	23.3	17	39	3
		GÎZA	360	6	18	00	0	0	—	22.8	17	34	1
	378	ḤELWÂN	360	15	35	02	0	0	—	22.8	16	34	0
Upper Egypt	381	FAIYÛM	60	8	35	02	0	3	—	23.6	16	42	3
	387	MINYA	20	11	8	00	0	0	—	21.8	17	34	1
	393	ASYÛṬ MANQADÂD	20	8	18	00	0	0	—	20.2	17	56	8
	399	NAGʿ ḤAMMÂDI	360	1	7	00	0	0	—	19.6	18	37	3
	402	QENA	270	2	50	00	0	0	—	19.8	18	46	6
	405	LUXOR	350	4	30	00	0	0	—	18.7	19	37	4
	414	ASWÂN	360	2	50	00	0	0	—	17.3	22	27	2
Oases	417	SÎWA	100	5	12	00	0	0	—	24.4	17	49	6
	420	BAḤARÎYA	360	3	35	02	0	0	—	22.7	16	49	5
	423	FARAFRA	40	11	35	02	0	0	—	23.5	15	68	9
	432	DAKHLA	340	4	50	00	0	0	—	21.7	17	34	1
	435	KHARGA	360	4	15	00	0	0	—	21.4	17	26	-3
Red Sea	450	SUEZ	360	5	50	01	0	0	—	21.8	16	42	3
	459	TÛR	270	5	35	00	0	0	—	.	18	43	5
	462	HURGHADA	320	16	30	00	0	0	—	18.9	18	52	8
	465	QUSEIR	310	13	15	02	0	2	ci	18.2	20	64	13
	641	PORT SÛDÂN	20	20	30	01	2	2	cu, ac	13.1	26	48	14
North Sûdân	600	WÂDI HALFA	360	13	50	02	0	0	—	16.1	21	26	1
	640	ABU ḤAMAD	360	8	30	02	0	0	—		28	23	5
	660	KAREIMA	50	13	30	02	0	0	—	11.5	27	33	9
	680	ʿATBARA	20	5	10	02	0	0	—	8.5	30	27	9
	721	KHARTÛM	30	13	30	02	0	0	—	8.1	30	27	9
	730	KASSALA	50	12	30	02	0	0	—	4.7	34	25	11
Central Sûdân	751	WÂD MEDANI	50	13	35	02	0	0	—	5.5	34	20	8
	801	RENK	310	9	35	02	0	0	—	6.4	33	23	9
	802	ROSEIRES	360	5	35	02	0	0	—	5.8	34	25	11
	771	EL OBEID	20	14	30	02	0	0	—	8.8	27	28	7
	760	EL FÂSHER	80	8	30	02	0	0	—		27	9	-9
	770	GENEINA	70	9	30	02	0	0	—		27	10	-7
S. Sûdân	840	MALAKÂL	20	16	30	02	1	0	—	4.3	33	16	4
	880	WÂU	20	8	30	02	0	2	ci	5.9	32	16	4
	941	JUBA											

At 1800 on Wednesday 24th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALUM	20	5	15	00	0	0	—	25.2	13	67	7	0
303	SÎDI BARÂNI	70	1	14	01	0	0	—	25.1	13	67	7	0
306	MATRÛH	40	1	10	03	1	6	sc	25.5	14	55	5	0
309	EL DABʿA												
	ALEXANDRIA	40	11	35	02	2	7	cu,	25.2	14	55	5	0
318	FOUAD (Airport)	40	4	12	03	1	6	sc	25.0	11	77	7	0
330	DAMIETTA	40	5	7	01	2	6	sc	24.9	14	67	8	0
333	PORT SAʿÎD	30	7	18	03	1	7	sc	24.5	14	59	6	0
336	EL ʿARISH												
339	DAMANHUR	360	9	15	02	1	1	cu	25.2	10	76	6	0
342	MANṢURA	320	5		03	2	6	sc, cu	25.2	11	67	5	0
348	TANTA	00	0	35	03	2	8	sc	25.1	10	62	3	0
354	ZAGAZIG	40	1	15	03	1	1	cu	25.4	10	76	6	0
440	ISMAʿÎLÎA	20	2	35	01	0	0	—	24.7	11	47	0	0
366	FAROUK (Airport)	20	14	12	00	1	0	—	24.8	11	54	2	0
372	ALMÂZA	40	11	12	00	0	0	—	24.4	12	59	4	0
	EZBEKÎYA	40	4	12	00	0	0	—	24.6	11	67	5	0
	GÎZA	40	4	12	00	0	0	—	23.9	12	55	3	0
378	ḤELWÂN	360	12	7	02	0	0	—	24.6	12	44	0	0
381	FAIYÛM	00	0	35	02	0	0	—	23.5	12	55	3	0
387	MINYA	360	6	8	00	0	0	—	22.6	8	58	0	0
393	ASYÛṬ MANQADÂD	270	8	10	00	0	0	—	21.4	10	76	6	0
399	NAGʿ ḤAMMÂDI	00	0		00	0	0	—	21.2	10	67	4	0
402	QENA	320	2	7	00	0	0	—	19.6	12	63	5	0
405	LUXOR	00	0	12	00	0	0	—	18.7	13	38	-1	0
414	ASWÂN	350	4	50	00	0	0	—	18.0	18	28	-1	0
417	SÎWA												
420	BAḤARÎYA	40	1	15	02	0	0	—	23.8	11	51	1	0
423	FARAFRA	20	4	15	02	0	0	—	23.9	9	62	2	0
432	DAKHLA	340	7	50	00	0	0	—	22.4	12	55	3	0
435	KHARGA	360	1	15	00	0	0	—	22.6	13	34	-3	0
450	SUEZ	360	6	15	02	0	0	—	23.1	12	55	3	0
459	TÛR	30	2	15	00	0	0	—	20.4?	15?	45	3	0
462	HURGHADA	280	20	10	00	0	0	—	19.2	17	56	8	0
465	QUSEIR	330	13	15	01	0	0	—	19.6	17	68	11	0
641	PORT SÛDÂN												
600	WÂDI HALFA	360	4	50	02	0	0	—	16.5	17	39	3	0
640	ABU ḤAMAD	340	4	30	02	0	0	—		21	26	1	0
660	KAREIMA												
680	ʿATBARA												
721	KHARTÛM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL	350	7	30	01	0	2	cc	6.4	25	32	7	0
880	WÂU	50	8	30	02	0	0	—	7.1	26	30	7	0
941	JUBA	00	0	10	04	2	0	—	4.2	27	48	15	0

At 0600 on Thursday 25th January,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
62300	SALUM	220	5	14	00	0	0	—	25.8		11	18		7		77	7	0	84	
303	SÎDI BARÂNI	210	4	14	00	0	2	sc	25.4		12	18		10		82	9	0	96	
306	MATRÛH	60	5	14	02	1	6	sc, cu	25.2	+7.2	13	16		11		55	4	0	Rain	
309	EL DABʿA																			
	ALEXANDRIA	00	0	15	11	2	6	cu, sc	24.7	+6.2	15	17	-1	12	+2	59	7	0	39	135
318	FOUAD (Airport)	00	0	12	01	2	4	cu, sc	24.6		15	17		10		63	8	0	42	100
330	DAMIETTA	00	0		03	2	7	sc	24.4	+6.9	13	16		7		77	9	0	Rain	64
333	PORT SAʿÎD	250	4	14	02	2	8	sc	24.7	+7.4	13	15		13		67	7	0	8	
336	EL ʿARISH	160	2	35	01	0	1	cu	25.0	+7.0	14					48	3	0	Rain	48
339	DAMANHUR	360	5	7	02	1	3	cu, sc	25.1	+6.9	11	18	-2	9	+2	77	7	0	24	58
342	MANṢURA	360	5	15	03	2	8	sc, cu	25.4	+7.7	12	18	-2	9	+2	77	8	0	20	27
348	TANTA	00	0	15	03	2	8	sc	25.0	+6.5	10	18	-2	5	-1	76	6	0	15	21
354	ZAGAZIG	00	0	3	42	4	3	cu	24.8	+6.1	8			5	-1	71	3	0	Rain	14
440	ISMAʿÎLÎA	20	2	35	03	1	6	ac	24.7		10	17		0		76	6	0	9	
366	FAROUK (Airport)	70	10	18	03	0	1	ac	24.6		9	16		5		67	3	0	Rain	
372	ALMÂZA	60	4	15	00	0	0	—	24.1	+5.4	9	16		5		71	4	0	1	
	EZBEKÎYA	00	0	12	00	0	0	—	24.4	+5.7	7	17	-3	5	-3	76	3	0	1	13
	GÎZA	00	0	12	00	0	0	—	23.9	+5.2	6	17	-2	2	-3	88	4	0	2	14
378	ḤELWÂN	40	12	15	02	0	0	—	24.6	+5.4	10	16	-3	8	0	62	3	0	1	14
381	FAIYÛM	360	5	35	02	0	0	—	24.8	+5.8	10	17	-4	5	-1	62	3	0	dr.	4
387	MINYA	350	7	8	00	0	0	—	22.3	+2.7	5	17		2		81	2	0	0	
393	ASYÛṬ MANQADÂD	280	5	5	10	0	0	—	22.3	+2.3	6	20		2		87	4	0	dr.	
399	NAGʿ ḤAMMÂDI	270	1	7	00	0	0	—	21.1	+2.2	7	19		3		71	2	0	0.1	
402	QENA	320	2	15	00	0	0	—	20.8	+2.1	7	19	-4	5	-2	71	2	0	0	
405	LUXOR	00	0	30	00	0	0	—	19.9	+1.1	8	21		2		54	-1	0	0	
414	ASWÂN	350	5	50	00	0	0	—	19.6	+0.8	11	23	-1	8	-2	51	1	0	0	
417	SÎWA																			6
420	BAḤARÎYA	360	2	35	02	0	0	—	24.3	+4.5	8	17	-3	4	-1	71	3	0	0	5
423	FARAFRA	360	4	35	02	0	0	—	25.0		4	17		0		81	1	0	dr.	
432	DAKHLA	270	2	50	00	0	0	—	23.1	+3.1	7	18	-4	3	-2	71	2	0	0	
435	KHARGA	00	0	35	00	0	0	—	21.8	+2.5	8	18	-5	3	-3	71	3	0	0	
450	SUEZ	310	3	50	00	0	0	—	23.6	+5.4	8	17	-3	5	-4	71	3	0	0.3	10
459	TÛR	360	5	50	00	0	0	—	21.7	+4.0	8	19	-2	5	-4	82	5	0	4	9
462	HURGHADA	340	13	30	00	0	0	—	20.4	+2.7	12	18		7		51	2	0	0	
465	QUSEIR	360	13	15	00	0	0	—	19.2	+1.9	15	21	-2	13	-1	59	7	0	dr.	4
641	PORT SÛDÂN																			89
600	WÂDI HALFA											23								
640	ABU ḤAMAD											28								
660	KAREIMA																			1
680	ʿATBARA																			2
721	KHARTÛM	350	10	30	01	0	0	—	11.1		18	31		15		37	3	0	dr.	4
730	KASSALA	20	6	30	02	0	0	—	10.4		22	35		17		69	16	0	dr.	8
751	WÂD MEDANI																			12
801	RENK	360	13	35	02	0	0	—	11.1		24	33		16		34	7	0		49
802	ROSEIRES	310	5	35	02	0	0	—	11.0		21	36		15		50	10	0	0	36
771	EL OBEID	360	19?	30	02	0	0	—	14.2		15	29		13		36	0	0	7	16
760	EL FÂSHER	350	3	30	03	0	1	ci			11	28		8		41	-2	0	6	6
770	GENEINA	20	9	30	03	2	7	cs			13	29		12		31	-4	0		4
840	MALAKÂL	30	19?	30	03	4	5	cs	9.5		23	35		18		34	6	0	70	88
880	WÂU	340	1	30	02	0	0	—	10.5		19	33		16		49	8	0	144	144
941	JUBA	310	2	30	02	0	0	—	9.0		24	36		16		47	12	0	192	145

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	50	-16
Ezbeklya	56	-11
Giza	65	-7
Helwân	48	-9

GÎZA GRASS MINIMUM TEMP. ON 25th -1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 24th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	187	14	45	20	15
950					
900					
850	1524	4		30	17
800					
700	3099	0		320	15
600					
500	5702	-18		300	38
400	7329	-30		290	52
300	9328	-41		290	85

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 24th

Station	Sûra		Matruh		Hurghada		Port Said		Asyut		Minya														Minya		Port Said	
Time	14		14		14		14		14		14														20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	170	6	30	13	340	17	360	7	340	9	350	22													20	24	40	9
600	130	3	20	34	320	16	360	5	340	13	10	23													30	30	40	9
1000	60	7	20	9	290	10	360	8	360	13	20	19													30	20	40	10
1500	170	12			10	9	20	4	40	14	10	13													20	15		
2000	100	9			350	8	30	4	20	10															10	15		
3000	50	3					50	5	350	12																		
4000	260	3							300	10																		
5000	70	3							290	20																		
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 25th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqadâd		Luxor		Aswân		Hurghada			
Time							2						2				4	30						
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							20	7					10	25			20	12						
600							20	7					50	24			50	9						
1000							10	9					30	22			60	11						
1500													20	13			110	7						
2000													30	16										
3000													40	12										
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baḥarîya		Dakhla		Kharga		Wâdi Halfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		5						5		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	13														
600									70	19	60	14	40	20										
1000									60	13	60	10	70	20					30	31	10	15		
1500									50	9	70	7	60	10					50	21	80	11		
2000									360	3									50	8				
3000									280	13	250	1	340	3					250	1				
4000													310	12										
5000																								
6000																								
7000																								
8000																								

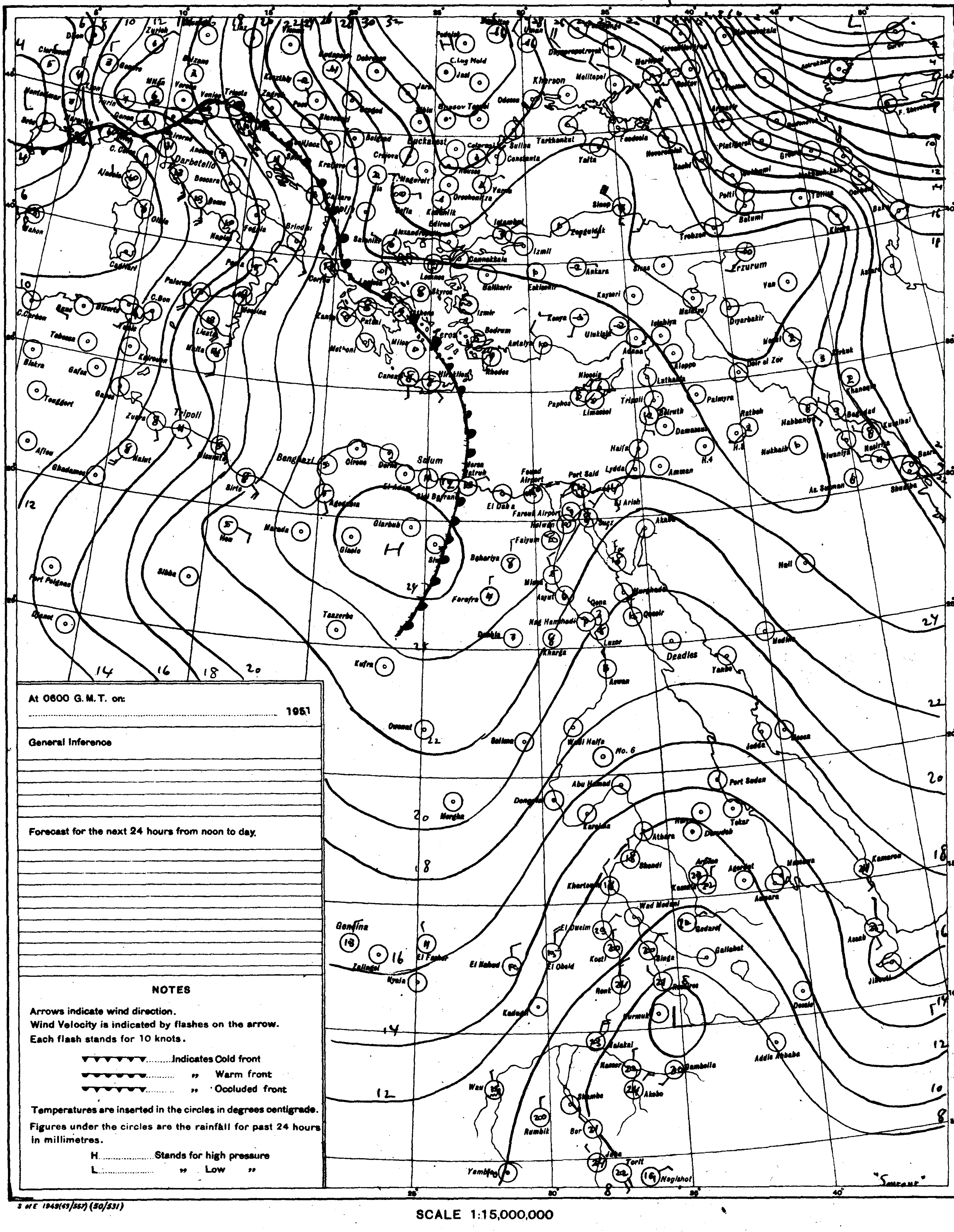
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557)-(50/831)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. **SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON** Thursday 25/1/ **1951**



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
⬤⬤⬤⬤⬤⬤ .... " Warm front
▼⬤▼⬤▼⬤ .... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain – Thunderstorm during the past hour	91	
Hail – Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(v/s less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

FORM 77.

CAIRO

Time of Sunrise 04 49 G. M. T.

" " Sunset 15 26 G. M. T.

DAILY WEATHER REPORT

Date : Friday 26th January, 1951

At 1200 on Thursday 25th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	40	2	35	01	1	3	Cu	24.7	16	56	7
	303	SÎDI BARÂNI	50	2	18	03	2	7	Sc	24.9	16	49	5
	306	MATRÛH	40	8	2	02	2	7	Sc	24.6	16	59	8
	309	EL DABA											
		ALEXANDRIA	40	13	50	03	2	3	Cu	23.6	17	52	7
	318	FOUAD (Airport)	20	12	14	01	1	2	Sc	23.2	18	46	6
	330	DAMIETTA	340	5	35	01	0	1	Cu	23.1	16	68	10
	333	PORT SA'ID	40	10	30	03	2	7	Sc	23.1	18	52	8
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	40	13	15	02	1	4	Cu	23.9	19	46	7
	342	MANSURA	40	9	35	03	0	4	Cu	23.5	18	52	8
	348	TANTA	40	13	35	01	1	4	Cu, Sc	23.1	18	46	6
	354	ZAGAZIG	40	5	35	02	1	5	Ac	23.0	18	52	8
	440	ISMA'ILIA	90	5	35	01	1	4	Ac	22.7	18	46	6
CAIRO AREA	366	FAROUK (Airport)	70	19	30	02	1	1	Sc	22.1	18	42	4
	372	ALMAZA	40	18	18	02	0	1	Cu	21.7	18	46	6
		EZBEKIYA	90	9	18	02	1	1	Cu	21.8	18	46	6
		GIZA	90	9	18	02	1	1	Cu	21.2	19	37	4
	378	HELWAN	20	18	35	02	0	0	—	21.4	18	37	3
UPPER EGYPT	381	FAIYUM	360	8	35	02	0	0	—	21.5	18	46	6
	387	MINYA	20	9	10	00	0	0	—	19.4	20	35	4
	393	ASYUT MAMGABAD	330	5	15	00	0	0	—	18.8	18	60	10
	399	NAG' HAMMADI	270	2	15	00	0	0	—	18.0	20	33	3
	402	QENA	290	2	50	00	0	0	—	17.0	20	41	6
	405	LUXOR	260	5	30	00	0	0	—	16.9	20	33	3
	414	ASWAN	320	3	50	00	0	0	—	15.9	23	36	7
OASES	417	SIWA	40	5	12	00	0	0	—	24.0	18	52	8
	420	BAHARIYA	360	5	35	02	0	0	—	21.1	19	37	4
	423	FARAFRA	20	10	35	02	0	0	—	21.9	17	60	9
	432	DAKHLA	340	8	50	00	0	0	—	19.8	19	30	1
	436	KHARGA	360	2	15	00	0	0	—	19.6	20	24	-1
RED SEA	450	SUEZ	360	7	50	02	0	0	—	20.6	18	46	6
	459	TOR	310	9	35	00	0	0	—	20.6	20	64	13
	462	HURGHADA	320	19	30	00	0	0	—	17.4	18	52	10
	465	QUSEIR	360	13	15	02	0	2	Ci	17.8	20	64	13
	641	PORT SUDAN											
NORTH SUDAN	600	WADI HALFA	340	11	[illegible]	02	0	0	—	15.0	23	27	3
	640	ABU HAMAD	40	4	[illegible]	02	0	0	—		27	25	5
	660	KAREIMA	20	4	[illegible]	02	0	0	—	11.8	27	28	7
	680	'ATBARA	360	13	10	07	0	0	—	9.3	28	25	6
	721	KHARTUM	30	12	30	02	0	0	—	8.9	30	27	9
	730	KASSALA	20	7	30	02	0	0	—	3.0	33	28	12
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK	360	13	35	02	0	0	—	6.3	33	26	11
	802	ROSEIRES	310	9	35	02	0	0	—	7.1	35	18	7
	771	EL OBEID	60	15	30	02	0	0	—	8.8	28	25	6
	760	EL FASHER	40	11	30	02	0	1	Ci		27	14	-3
	770	GENEINA	30	6	30	02	1	5	Ci		29	12	-3
S. SUDAN	840	MALAKAL	20	19	30	03	1	4	Ci	3.6	35	15	5
	880	WAU	20	9	30	03	0	2	Ci	4.8	34	19	7
	941	JUBA	340	5	30	02	0	0	—	2.5	35	27	13

At 1800 on Thursday 25th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALUM	270	2	15	03	1	4	Sc, Cu	25.4	15	48	4	0
SIDI BARANI	60	2	14	01	2	6	Sc	24.9	14	48	3	0
MATRUH	80	17	14	01	2	5	Cu	25.4	15	59	7	0
EL DABA	40	9	7	03	2	7	Cu	24.6	16	49	5	0
ALEXANDRIA	90	9	35	02	2	7	Cu, Sc	24.7	14	77	10	0
FOUAD (Airport)	40	5	12	02	1	5	Sc	24.3	15	72	10	0
DAMIETTA	40	5	7	01	0	0	—	23.2	15	72	10	0
PORT SA'ID	60	12	15	01	2	1	Sc	23.8	15	63	8	0
EL 'ARISH	320	2	15	02	0	0	—	24.0	14	77	10	0
DAMANHUR	40	9	7	02	1	1	Cu	24.6	11	77	7	0
MANSURA	40	5		00	1	0	—	24.7	13	77	9	0
TANTA	00	0	35	01	1	3	Cu, Sc	24.2	11	51	1	0
ZAGAZIG	40	3	35	02	1	0	—	23.8	12	77	8	0
ISMA'ILIA	20	5	35	02	0	0	—	24.7	14	55	5	0
FAROUK (Airport)	40	15	12	00	0	0	—	23.6	13	67	7	0
ALMAZA	60	11	12	00	0	0	—	24.0	13	67	7	0
EZBEKIYA	360	2	12	00	0	0	—	23.1	13	67	7	0
GIZA	360	2	12	00	0	0	—	22.8	14	55	5	0
HELWAN	20	13	15	02	0	0	—	22.8	14	55	5	0
FAIYUM	00	0	35	02	0	0	—	22.8	13	67	7	0
MINYA	10	8	8	00	0	0	—	20.4	12	59	4	0
ASYUT MAMGABAD	290	4	8	00	0	0	—	19.4	12	72	7	0
NAG' HAMMADI	00	0	7	00	0	0	—	18.8	11	77	7	0
QENA	290	2	7	00	0	0	—	18.0	14	55	5	0
LUXOR	180	5	12	00	0	0	—	17.4	13	38	-1	0
ASWAN	350	6	50	00	0	0	—	16.6	19	30	1	0
SIWA	00	0	8	05	0	0	—	23.8	11	71	6	0
BAHARIYA	360	3	15	02	0	0	—	22.6	12	67	5	0
FARAFRA	360	6	15	02	0	0	—	22.4	12	63	5	0
DAKHLA	320	7	50	00	0	0	—	20.7	15	30	-3	0
KHARGA	360	9	15	00	0	0	—	20.8	14	19	-9	0
SUEZ	360	6	35	02	0	0	—	22.6	13	55	4	0
TOR	290	1	35	00	0	0	—	17.8	18	73	13	0
HURGHADA	290	22	12	00	0	0	—	18.1	17	49	7	0
QUSEIR	360	13	15	01	0	0	—	18.3	20	64	11	0
PORT SUDAN	20	8	30	02	2	7	Sc	13.8	25	65	18	0
WADI HALFA	360	5	50	02	0	0	—	16.3	17	39	3	0
ABU HAMAD	340	4	30	02	0	0	—		21	21	-2	0
KAREIMA	340	6	30	02	0	0	—	13.9	20	26	0	0
'ATBARA	340	5	30	02	0	0	—	11.4	23	27	3	0
KHARTUM	330	10	30	02	0	0	—	10.7	25	24	3	0
KASSALA	50	10	30	02	0	0	—	8.9	25	39	10	0
WAD MEDANI												
RENK	360	6	30	01	1	1	Ci	7.1	25	36	9	0
ROSEIRES	350	10	30	02	0	0	—	6.4	27	30	8	0
EL OBEID	350	6	30	02	0	0	—	11.5	21	31	3	0
EL FASHER	70	5	30	02	0	1	Ci		22	25	1	0
GENEINA	90	8	30	01	1	0	—		23	16	-4	0
MALAKAL	360	6	30	01	1	1	Ci	7.1	25	36	9	0
WAU	20	5	30	02	0	0	—	6.4	27	30	8	0
JUBA	50	2	18	04	0	0	—	4.4	27	40	12	0

At 0600 on Friday 26th January,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	290	2	15	00	0	0	—	24.0		12	18		9		77	8	0	84	
SIDI BARANI	200	2	14	01	2	4	Sc	24.2		9	16		7		77	5	0	96	
MATRUH	60	7	14	02	2	6	Sc	23.7	+5.8	15	16		13		54	7	0	Rain	
EL DABA	20	6	15	03	2	6	Sc			15	19		10		68	9	0	32	
ALEXANDRIA	90	11	50	03	2	4	Sc, Cu	23.6	+5.2	15			12	+2	68	9	0	39	137
FOUAD (Airport)	40	6	12	01	1	2	Sc	23.6		12	18		9		88	10	0	42	102
DAMIETTA	40	2	7	02	0	0	—	23.1	+5.7	15	17		7		68	9	0	3	65
PORT SA'ID	80	13	18	03	0	2	Sc	23.1	+5.8	16	19		14		59	8	0	8	
EL 'ARISH											19	0							49
DAMANHUR	40	5	3	28	4	0	—	23.9	+5.8	11	20	0	10	+3	77	7	0	24	59
MANSURA											20	0							28
TANTA	360	2	35	02	0	0	—	23.9	+5.5	10	20	0	5	-1	77	6	0	15	21
ZAGAZIG	40	1	3	02	4	0	—	23.8	+4.2	8	20	0	6	0	95	8	0	Rain	15
ISMA'ILIA	00	0	35	02	0	0	—	24.7		10	19		7		88	8	0	9	
FAROUK (Airport)	70	10	18	03	1	1	Sc	23.0		7	18		6		94	6	0	Rain	
ALMAZA	70	15	12	03	0	2	Ac	22.4	+3.8	9	18		7		88	7	0	1	
EZBEKIYA	320	2	10	00	0	0	—	22.6	+4.0	9	19	-1	7	-1	88	7	0	1	14
GIZA	320	2	10	00	0	0	—	21.9	+3.3	5	19	0	3	-2	95	5	0	2	15
HELWAN	20	11	15	00	0	0	—	21.8	+2.6	13	18	-1	10	+2	67	7	0	1	15
FAIYUM	360	8	35	02	0	0	—	22.6	+3.7	12	20	-1	8	+2	77	8	0	dr	4
MINYA	340	3	8	00	0	0	—	20.4	+0.8	5	20		3		94	4	0	0	
ASYUT MAMGABAD	270	2	8	10	0	0	—	20.4	+0.4	5	20		3		94	4	0	dr	
NAG' HAMMADI	00	0		00	0	0	—	20.3	+1.4	9	21		3		71	4	0	0.1	
QENA	320	2	15	00	0	0	—	20.2	+1.5	8	21	-2	5	-2	71	3	0	0	
LUXOR	00	0	18	00	0	0	—	19.3	+0.6	9	23		2		59	-1	0	0	
ASWAN	350	3	50	00	0	0	—	18.3	-0.4	11	24	0	8	-2	51	1	0	0	
SIWA	80	4	11	00	0	0	—	24.2	+3.8	6	20	0	3	-1	88	4	0	dr	6
BAHARIYA	360	2	35	02	0	0	—	21.9	+2.2	10	19	-1	6	+1	77	6	0	0	5
FARAFRA	20	8	35	02	0	0	—	22.7		7	19		3		88	5	0	dr	
DAKHLA	320	3	50	00	0	0	—	21.0	+1.0	7	19	-3	5	0	71	2	0	0	
KHARGA	00	0	35	00	0	0	—	19.2	-0.1	8	20	-3	3	-3	67	3	0	0	
SUEZ	310	4	50	00	0	0	—	21.4	+3.3	10	19	-1	7	-2	94	9	0	0.3	10
TOR	360	5	50	00	0	0	—	21.5	+3.8	8	21	0	5	-4	76	3	0	4	9
HURGHADA	230	11	30	00	0	0	—	19.2	+1.6	13	19		8		55	4	0	0	
QUSEIR											22	-1			[illegible]				4
PORT SUDAN											27								89
WADI HALFA											23								
ABU HAMAD											27								
KAREIMA											28								1
'ATBARA											29								2
KHARTUM	340	10	30	02	0	0	—	13.7		18	30		14		30	0	0	dr	4
KASSALA	00	0	30	02	0	0	—	10.7		19	34		14		37	4	0	dr	8
WAD MEDANI	250	9	50	03	0	0	—	10.2		21	34				28	2	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID	350	11	30	02	0	0	—	14.3		15	29		12		32	-1	0	7	16
EL FASHER	40	3	50	02	0	1	Ci			13	29		7		34	-3	0	6	6
GENEINA											32								4
MALAKAL	20	18	30	02	1	2	Ci	10.2		23	36		17		47	11	0	70	88
WAU	00	0	30	02	0	0	—	9.8		20	35		17		43	7	0	144	164
JUBA	310	9	30	03	0	5	Ci	9.3		26	37		17		45	13	0	192	145

HUMIDITY %

Mean of day

STATION	on 25th	Diff. from normal
Alexandria	63	-3
Ezbekiya	65	-1
Giza	66	-6
Helwân	53	-4

GIZA GRASS MINIMUM TEMP. ON 26th -0.1°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 25th At 15h.

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	188	16	45	50	17
950					
900					
850	1538	8	37	60	20
800					
700	3122	0		20	10
600					
500	5735	-17		280	18
400	7369	-29		240	43
300	9376	-40		280	61

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

STATION	Port Said		Siwa		Minya		Asyut		Matruh		Dakhla		Hurghada		S. Bahariya										Farouk		Port Said	
TIME	14		14		14		14		14		14		14		14										20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	20	10	70	10	350	16	300	6	40	8	240	17	340	25	60	8									60	23	10	22
600	30	12	60	11	20	17	350	13	40	8	240	16	310	16	60	8									70	27	40	28
1000	50	9	70	10	50	16	360	13	40	8			330	9	50	8									70	30	30	22
1500	40	17	80	9	60	9	20	10					60	3											50	18	40	13
2000	30	4	80	10			360	8					320	4											50	17		
3000			80	8			320	6					70	3														
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 26th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MAMGABAD		LUXOR		ASWAN		HURGHADA		Farouk	
TIME															8		4 30						8	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300															360	1	20	13					60	22
600															90	5	40	9					60	23
1000															80	9	60	9					60	32
1500															80	12	60	18					70	17
2000															70	9							70	10
3000															40	8							350	5
4000															80	8							340	5
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME	8		8										5						5		5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	70	15	40	14																				
600	80	21	80	18									60	6									20	28
1000	80	30	50	28									60	7					20	36	360	1	20	26
1500	90	19											50	10					30	14	30	8	40	3
2000	110	17																	50	4			30	19
3000	130	13																	350	6			20	5
4000	200	10																						
5000	250	14																						
6000																								
7000																								
8000																								

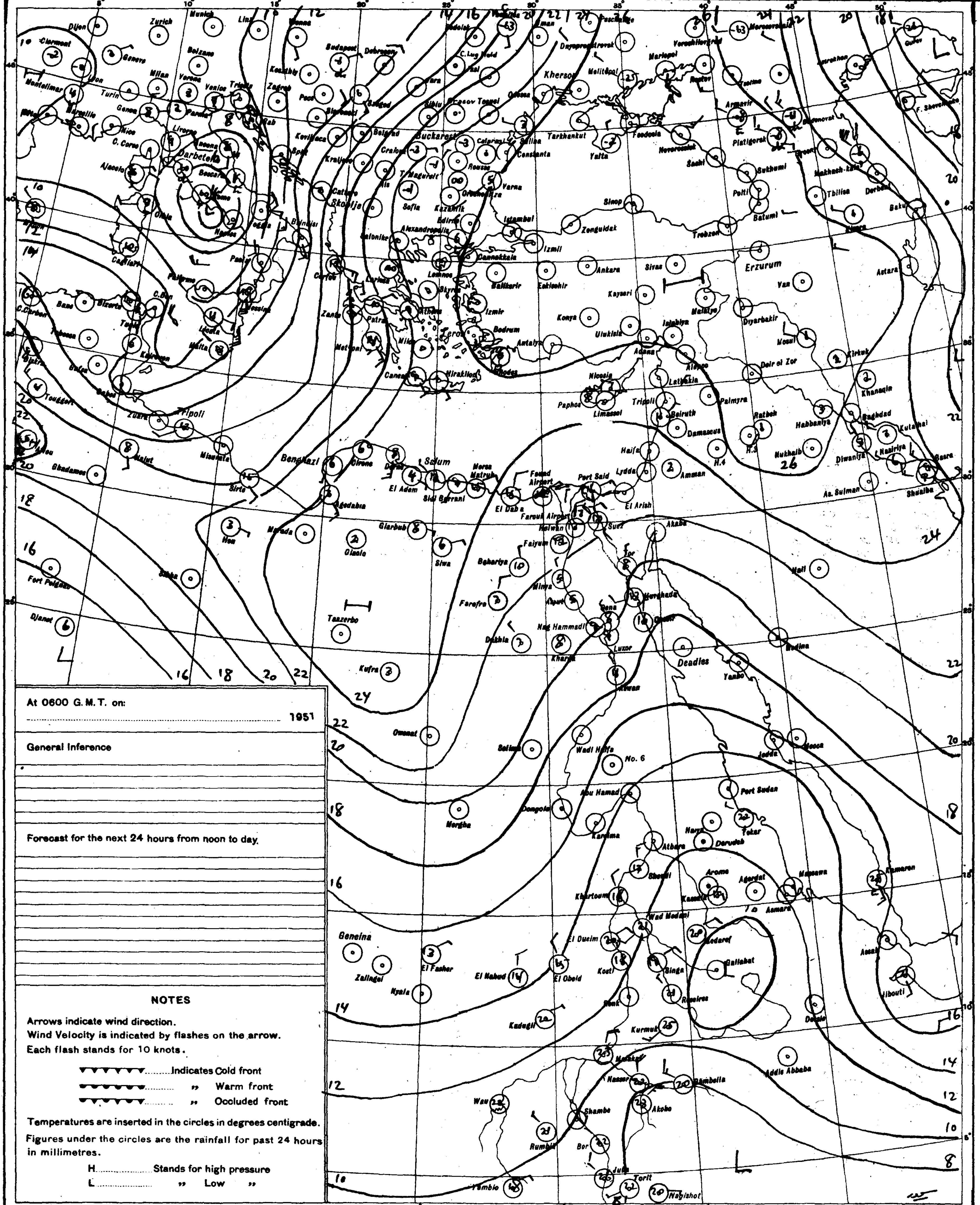
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 26/1/1* 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... „ Warm front
▼●▼●▼●▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. „ Low „

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- „ or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- „ „ hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
„ „ hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
„ „ hail 96
„ „ Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (*vis less than 1000 m.*) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th „ „ „ 2
3/8 „ „ „ „ 3
4/8 „ „ „ „ 4
5/8 „ „ „ „ 5
6/8 „ „ „ „ 6
7/8 „ „ „ „ 7
Sky completely covered 8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

CAIRO
Time of Sunrise 04 49 G. M. T.
" " Sunset 15 27 G. M. T.

DAILY WEATHER REPORT

Date: Saturday 27th January, 1951

At 1200 on Friday 26th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	70	2	35	00	0	0	—	21.5	19	43	9
	303	SÎDI BARÂNI	60	7	18	01	0	1	Cu	22.1	17	56	8
	306	MATRÛH	70	10	15	02	1	5	Sc	22.0	18	52	8
	309	EL DABA	90	8	35	02	2	5	Sc, Cu		17	52	7
		ALEXANDRIA	40	16	50	01	2	2	Cu	21.4	17	60	9
	318	FOUAD (Airport)	60	17	18	02	0	1	Cu	22.3	18	52	8
	330	DAMIETTA	40	5	35	03	0	1	Cu	21.6	17	60	9
	333	PORT SA'ID	70	12	30	02	0	1	Cu	21.1	16	68	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	80	13	15	02	1	2	Cu	22.0	19	46	7
	342	MANSURA	40	9	35	00	0	0	—	22.0	20	56	11
	348	TANTA	310	8	35	01	1	4	Cu, Sc	22.0	20	46	8
	354	ZAGAZIG	40	4	50	03	0	3	Cu	22.4	19	52	9
	440	ISMA'ILIA	90	5	35	02	0	0	—	22.2	19	52	9
CAIRO AREA	366	FAROUK (Airport)	70	15	30	00	0	0	—	20.1	18	43	5
	372	ALMAZA	70	16	30	00	0	0	—	20.0	19	46	7
		EZBEKIYA	90	15	18	00	0	0	—	18.8	20	41	6
		GÎZA	90	15	18	00	0	0	—	19.0	20	41	6
	378	HELWÂN	20	27	35	02	0	0	—	18.0	20	33	3
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	0	—	19.6	21	41	7
	387	MINYA	360	7	12	00	0	0	—	17.4	22	36	6
	393	ASYÛT MANQABÂD	360	2	14	00	0	0	—	17.4	19	30	1
	399	NAG' HAMMÂDI	270	1	35	00	0	0	—	17.0	20	41	6
	402	QENA	220	2	50	00	0	0	—	16.6	21	41	7
	405	LUXOR	360	8	30	00	0	0	—	16.0	22	50	11
	414	ASWÂN	350	3	50	00	0	0	—	14.2	23	34	6
OASES	417	SÎWA	190	5	12	00	0	0	—	21.9	20	56	11
	420	BAHARÎYA	40	2	35	02	0	0	—	18.8	21	41	7
	423	FARAFRA	40	4	35	02	0	0	—	20.2	17	60	9
	432	DAKHLA	340	8	50	00	0	0	—	17.4	20	33	3
	435	KHARGA	360	1	35	00	0	0	—	18.2	20	24	-1
RED SEA	450	SUEZ	310	4	50	02	0	0	—	19.1	20	33	3
	459	TÛR	270	2	50	00	0	0	—	17.6	21	38	6
	462	HURGHADA	310	6	30	00	0	0	—	16.2	20	53	10
	465	QUSEIR	360	13	15	02	0	0	—	17.8	21	65	14
	641	PORT SUDÂN	30	17	10	02	5	8	Sc, Ac	11.6	25	70	19
NORTH SUDÂN	600	WÂDI HALFA	360	9	50	02	0	0	—	10.4	25	21	1
	640	ABU HAMAD	50	4	30	02	0	0	—		29	35	12
	660	KAREIMA	50	6	30	02	0	0	—	9.6	28	31	9
	680	'ATBARA	360	9	30	02	0	0	—	7.8	30	29	10
	721	KHARTÛM	10	13	30	02	0	0	—	8.2	29	27	8
	730	KASSALA	360	7	30	02	0	6	Cs	4.4	34	29	13
CENTRAL SUDÂN	751	WÂD MEDANI											
	801	RENK	310	4	35	02	0	1	Ci	7.0	31	19	5
	802	ROSEIRES	310	13	35	02	0	0	—	4.2	36	18	8
	771	EL OBEID	360	12	30	03	0	1	Ci	8.4	28	20	3
	760	EL FÂSHER	40	7	30	02	0	0	—		25	21	1
	770	GENEINA	30	9	30	02	0	0	—		28	8	-9
S. SUDÂN	840	MALAKÂL	20	12	30	01	0	0	—	4.1	33	15	3
	880	WÂU											
	941	JUBA	50	5	30	02	1	0	—	2.5	35	25	12

At 1800 on Friday 26th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALÛM	70	5	15	00	0	0	—	21.1	16	68	10	0
303	SÎDI BARÂNI												
306	MATRÛH	70	5	15	01	2	4	Sc	21.6	15	63	8	0
309	EL DABA	40	9	7	02	2	5	Sc		15	59	7	0
	ALEXANDRIA												
318	FOUAD (Airport)	40	5	12	02	0	0	—	21.2	11	82	8	0
330	DAMIETTA	40	5	7	00	0	0	—	21.4	15	77	11	0
333	PORT SA'ID	60	12	14	02	0	0	—	20.7	15	72	10	0
336	EL 'ARISH												
339	DAMANHUR	120	9	15	02	0	0	—	21.4	12	77	8	0
342	MANSURA	40	5		00	0	0	—	21.0	13	77	9	0
348	TANTA	00	0	35	02	1	0	—	21.2	12	55	3	0
354	ZAGAZIG	40	9	35	02	1	0	—	20.7	12	77	8	0
440	ISMA'ILIA	20	2	35	02	0	0	—	20.3	13	72	8	0
366	FAROUK (Airport)	60	17	12	00	0	0	—	19.9	14	67	8	0
372	ALMAZA	60	15	12	00	0	0	—	19.7	14	67	8	0
	EZBEKIYA	40	5	12	00	0	0	—	19.9	14	67	8	0
	GÎZA	40	5	12	00	0	0	—	19.4	15	59	7	0
378	HELWÂN	20	19	7	02	0	0	—	18.6	14	67	8	0
381	FAIYÛM	00	0	35	00	0	0	—	20.0	14	67	8	0
387	MINYA	290	3	8	00	0	0	—	17.9	11	51	1	0
393	ASYÛT MANQABÂD	00	0	8	00	0	0	—	18.1	14	32	-3	0
399	NAG' HAMMÂDI	00	0		00	0	0	—	18.3	13	77	9	0
402	QENA	320	2	7	00	0	0	—	18.0	15	59	7	0
405	LUXOR	30	5	18	00	0	0	—	16.1	16	45	4	0
414	ASWÂN	350	3	50	00	0	0	—	14.9	18	46	6	0
417	SÎWA			10	04	0	0	—	21.2	13	67	7	0
420	BAHARÎYA	40	1	15	02	0	0	—	19.8	15	59	7	0
423	FARAFRA	240	4	15	02	0	0	—	20.0	12	63	5	0
432	DAKHLA	320	7	50	00	0	0	—	17.9	17	26	-3	0
435	KHARGA	00	0	15	00	0	0	—	17.9	14	21	-8	0
450	SUEZ	310	5	35	02	0	0	—	18.7	13	67	7	0
459	TÛR	360	6		00	0	0	—		14	77	10	0
462	HURGHADA	250	9	12	00	0	0	—	16.6	15	72	10	0
465	QUSEIR	330	13	15	02	0	0	—	17.5	18	83	15	0
641	PORT SUDÂN	20	10	10	02	1	6	Sc	13.2	25	70	19	dr.
600	WÂDI HALFA	150	5	30	01	0	0	—	14.7	17	28	-2	0
640	ABU HAMAD	340	7	30	02	0	0	—		23	27	3	0
660	KAREIMA	20	10	30	02	0	0	—	11.4	25	23	7	0
680	'ATBARA	360	5	30	02	0	0	—	9.7	23	44	10	0
721	KHARTÛM	330	8	30	03	0	0	—	9.4	25	34	8	0
730	KASSALA	360	6	30	01	2	0	—	7.2	25	39	10	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	350	7	30	01	1	1	Ci	10.5	21	26	1	0
760	EL FÂSHER	40	5	30	02	0	0	—		21	18	-4	0
770	GENEINA	20	4	30	03	0	0	—		22	19	-3	0
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Saturday 27th January,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM	250	5	15	00	0	0	—	18.6		13	19		8		67	7	0	64	
303	SÎDI BARÂNI	210	6	14	00	0	0	—	18.7		8			6		88	6	0	96	
306	MATRÛH	220	3	15	02	1	1	Sc	18.6	+0.7	10	19		7		76	6	0	Rain	
309	EL DABA	00	0	15	01	2	6	Sc			12			7		6.3	5	0		
	ALEXANDRIA	130	5	35	04	1	6	Sc	18.7	+0.3	15			12	+2	59	7	0	39	139
318	FOUAD (Airport)	60	2	18	02	2	4	Sc	18.4		12	18		8		88	10	0	42	103
330	DAMIETTA	20	2	7	03	0	1	Cu	17.9	+0.6	14	18		7		77	10	0	3	66
333	PORT SA'ID	50	6	14	01	0	1	Cu	17.3	+0.2	16	17		14		68	10	0	8	
336	EL 'ARISH	160	2	35	02	0	0	—	18.0	+0.1	11			5	-2	77	7	0	Rain	49
339	DAMANHUR	270	5	3	28	4	3	Cu	18.2	+0.2	10	20	0	7	0	88	8	0	24	60
342	MANSURA	360	5	35	00	0	0	—	18.4	+0.8	11	21	+1	9	+2	88	9	0	20	28
348	TANTA	00	0	35	01	1	3	Cu, Sc	17.9	-0.4	6	21	+1	4	-2	87	4	0	15	22
354	ZAGAZIG	00	0	0.1	47	4	0	—	18.0	-0.6	6	21	+1	3	-3	95	6	0	Rain	15
440	ISMA'ILIA	320	2	35	01	1	4	Ac	17.5		8	20		6		88	6	0	9	
366	FAROUK (Airport)	40	1	7	05	0	0	—	18.2		6	20		5		93	5	0	Rain	
372	ALMAZA	20	4	12	00	0	0	—	17.8	-0.7	6	19		5		95	6	0	1	
	EZBEKIYA	350	4	0.03	45	4	9	—	18.2	-0.3	7	21	+1	5	-3	87	5	0	1	14
	GÎZA	350	4	0.03	45	4	9	—	17.9	-0.6	6	20	+1	3	-2	87	4	0	2	15
378	HELWÂN	30	11	0.8	10	4	1	Cc	17.4	-1.8	10	20	+1	10	+2	88	8	0	1	15
381	FAIYÛM	00	0	15	02	0	0	—	18.8	-0.1	9	22	+1	4	-2	88	7	0	dr.	4
387	MINYA	340	1	1.9	40	4	0	—	17.7	-1.8	3	22		0		93	2	0	0	
393	ASYÛT MANQABÂD	00	0	8	10	0	0	—	17.8	-2.2	7	20		4		62	0	0	dr.	
399	NAG' HAMMÂDI	00	0	7	00	0	0	—	16.6	-2.2	7	21		3		57	-1	0	0.1	
402	QENA	340	2	15	00	0	0	—	16.2	-2.4	10	22	-1	6	-1	50	0	0	0	
405	LUXOR	00	0	30	00	0	0	—	16.2	-2.5	8	24		3		58	0	0	0	
414	ASWÂN	00	0	50	00	0	0	—	15.2	-3.5	15	23	-1	10		48	4	0	0	
417	SÎWA	00	0	11	00	0	0	—	20.3	0.0	7	21	+1	3	-1	71	2	0	dr.	6
420	BAHARÎYA	00	0	35	02	2	7	Ac	19.2	-0.4		21	+1	2	-3	76	3	0	0	5
423	FARAFRA	00	0	35	02	0	0	—	19.4		3	20		-1		65	-3	0	dr.	
432	DAKHLA	270	3	50	00	0	0	—	17.6	-2.3	7	22	0	2	-3	57	-1	0	0	
435	KHARGA	00	0	35	00	0	0	—	17.1	-2.1	8	21	-2	3	-3	71	3	0	0	
450	SUEZ	360	3	50	00	0	0	—	16.1	-2.0	10	21	+1	6	-3	76	6	0	0.3	10
459	TÛR	60	9	50	00	0	0	—	17.2	-0.5	12	22	+1	6	-3	88	10	0	4	9
462	HURGHADA	240	10	30	00	0	0	—	14.2	-3.3	13	20		8		48	2	0	0	
465	QUSEIR	330	9	15	02	0	0	—	15.8	-1.4	15	23	0	14	0	57	7	0	dr	4
641	PORT SUDÂN	310	8	30	00	6	8	Sc	12.4		23	27		22		74	18	dr.	154	89
600	WÂDI HALFA	10	7	50	02	0	0	—	14.0		11	25		9		58	-3	0	dr.	
640	ABU HAMAD	20	4	30	02	0	0	—			19	29		15		46	7	0		
660	KAREIMA	50	6	30	02	0	0	—	12.4		17	29		14		37	2	0	dr.	1
680	'ATBARA	20	5	30	02	0	0	—	11.1		20	31		16		60	12	0	0.3	2
721	KHARTÛM	10	11	30	02	0	0	—	10.8		18	30		16		46	6	0	dr.	4
730	KASSALA	70	2	30	02	0	1	Ci	8.4		24	35		18		28	4	0	dr.	8
751	WÂD MEDANI																			12
801	RENK	310	5	50	02	0	0	—	9.9		20	35		16		49	9	0		49
802	ROSEIRES																			36
771	EL OBEID	340	10	30	03	0	0	—	12.6		15	29		11		32	-2	0	7	16
760	EL FÂSHER	40	5	30	03	0	0	—			19	29		7		18	-6	0	6	6
770	GENEINA	50	3	30	02	0	0	—			12	30		8		21	-10	0		4
840	MALAKÂL	20	6	30	03	2	7	Cs	9.8		20	34		16		35	4	0	70	88
880	WÂU			30	02	2		Cs	9.0		24	36		18		26	3	0	144	144
941	JUBA																			145

HUMIDITY % Mean of day

STATION	on 26th	Diff. from normal
Alexandria	62	-4
Ezbekiya	69	+3
Gîza	72	0
Helwân	64	+7

GÎZA GRASS MINIMUM TEMP. ON 27th 0.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 26th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	163	17	42	60	20
950					
900					
850	1529	11		100	14
800					
700	3123	3		230	4
600					
500	5766	-14		290	32
400	7426	-27		290	48
300	9437	-41		290	73

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 26th

STATION	Asyut		Minya		Matruh		Dakhla		Siwa		Hurghada												Farouk		Minya		Port Said	
TIME	14		14		14		14		14		14												20		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	300	5	300	7	30	16	30	22	110	8	10	7											70	28	360	12	50	9
600	240	8	260	8	30	24	20	16	110	13	360	3											70	31	320	8	60	8
1000	110	5	80	22	70	5	30	16	50	16	320	4											70	21	90	3	80	6
1500	80	12	50	5					100	10	60	6											130	8	160	11		
2000	60	10	360	4					130	15	40	7											180	5	140	3		
3000	80	4							140	10	10	4											220	7				
4000	260	7							220	15	300	18																
5000	280	19																										
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 27th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME							2				7 30		2										1 45	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300							50	1			50	12	20	3									60	19
600							50	9			60	8	30	3									70	23
1000							110	3			240	2	320	2									70	14
1500							280	3			240	7	220	2									120	4
2000											240	10											240	10
3000											240	16											240	14
4000											250	23												
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME									5		4		5								5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300									20	9														
600									60	10			60	16										
1000									20	9			60	11							20	7	20	31
1500									80	7	20	3	70	9							280	3		
2000									30	2											310	15	40	7
3000									240	8	210	7	360	7							50	9	50	3
4000																							150	6
5000																								
6000																								
7000																								
8000																								

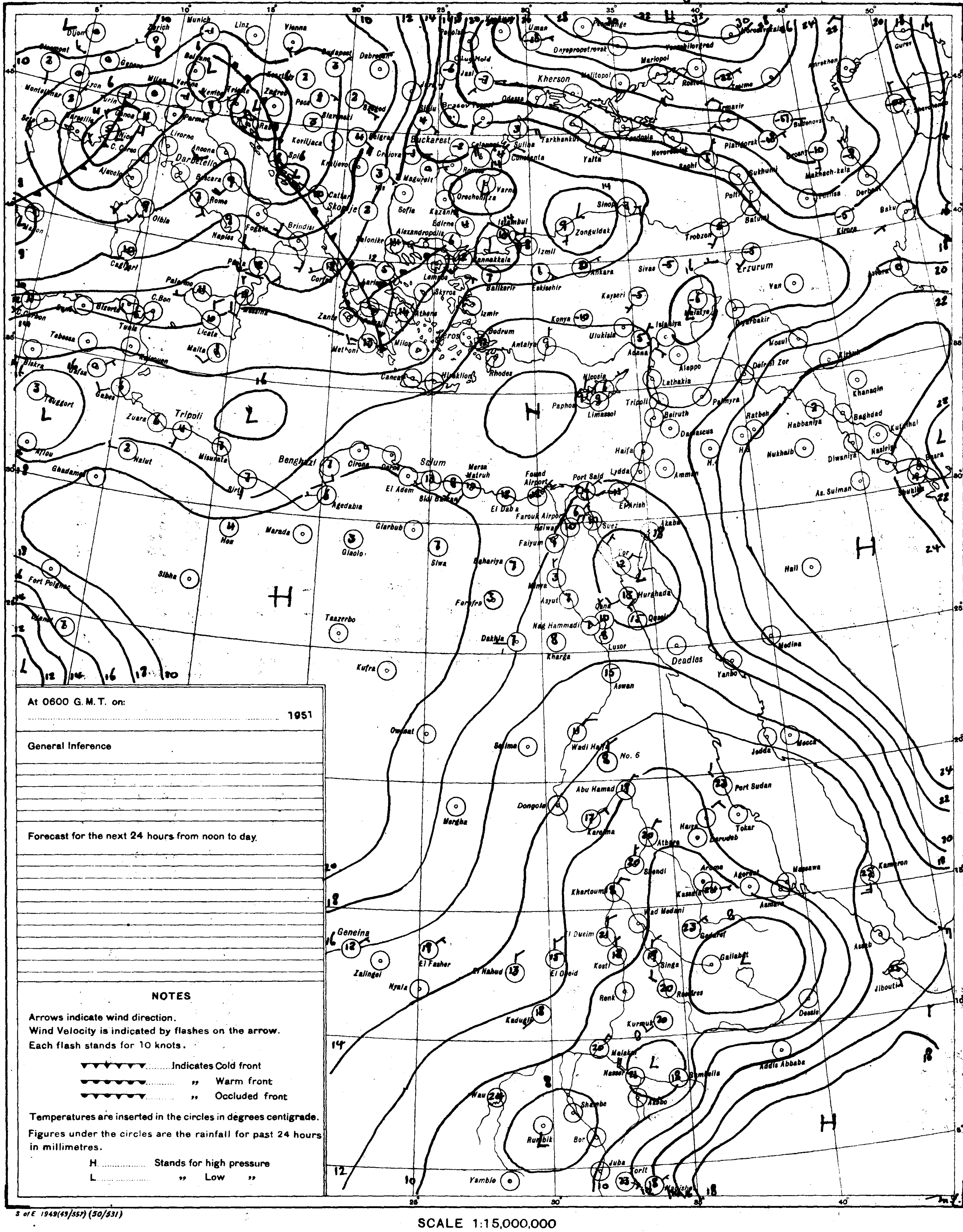
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 27/1/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

- ▼▼▼▼▼▼ ....Indicates Cold front
- ●●●●●● .... ,, Warm front
- ●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.............. Stands for high pressure
L.............. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 48 G.M.T.
" " Sunset 15 28 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 28th January, 1951

At 1200 on Saturday 27th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	220	5	35	00	0	0	—	15.5	19	46	7
	303	SIDI BARANI	320	3	18	02	0	1	cu	16.4	17	56	8
	306	MATRUH	40	8	15	02	1	7	sc,cu	17.0	17	52	7
	309	EL DABA	40	7	35	01	1	4	ac	16.3	17	52	7
		ALEXANDRIA	40	15	50	03	2	5	cu	16.9	17	52	7
	318	FOUAD (Airport)	40	12	18	03	1	5	sc	16.5	17	52	7
	330	DAMIETTA	30	12	35	03	1		cu	16.4	16	56	7
	333	PORT SA'ID	40	9	30	03	0	3	sc	15.9	19	64	12
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	40	9	15	02	1	2	cu	17.0	18	52	8
	342	MANSURA	360	9	35	02	1	3	cu	16.8	20	56	11
	348	TANTA	360	5	35	01	1	3	cu,sc	17.2	20	46	8
	354	ZAGAZIG	320	3	35	03	1	3	cu	16.0	20	46	8
	440	ISMA'ILIA	360	2	35	02	1	3	cu	15.6	20	49	9
CAIRO AREA	366	FAROUK (Airport)	40	10	18	02	0	1	sc	16.1	18	49	7
	372	ALMAZA	60	9	12	02	1	2	sc	15.5	18	46	6
		EZBEKIYA	360	4	18	02	1	1	cu	15.4	19	49	8
		GIZA	360	4	18	02	1	1	cu	15.6	19	37	4
	378	HELWAN	20	11	35	02	0	0	—	14.8	19	37	4
UPPER EGYPT	381	FAIYUM	360	2	35	02	0	0	—	15.8	20	41	6
	387	MINYA	30	4	8	00	0	0	—	14.8	20	33	3
	393	ASYUT MANQABAD	310	6	18	00	0	0	—	14.3	20	35	4
	399	NAG' HAMMADI	270	1	15	00	0	0	—	14.2	23	32	5
	402	QENA	290	2	50	00	0	0	—	13.3	22	29	3
	405	LUXOR	360	7	30	00	0	0	—	12.4	23		
	414	ASWAN	320	4	50	00	0	0	—	11.2	26	25	4
OASES	417	SIWA	110	1	12	03	0	2	cu	17.1	19	52	9
	420	BAHARIYA	360	2	35	02	1	0	—	15.6	20	41	6
	423	FARAFRA	360	8	35	02	0	0	—	16.5	20	46	8
	432	DAKHLA	340	11	50	00	0	0	—	14.2	20	24	-1
	435	KHARGA	360	1	35	00	0	0	—	14.2	23	24	1
RED SEA	450	SUEZ	360	4	50	02	0	0	—	14.2	19	46	7
	459	TOR	270	5	50	00	0	0	—	13.5	21	38	6
	462	HURGHADA	320	8	30	00	0	0	—	11.2	21	57	12
	465	QUSEIR	360	13	15	02	0	0	—	13.8	22	50	11
	641	PORT SUDAN	60	9	30	01	6	2	cu	9.1	27	74	22
NORTH SUDAN	600	WADI HALFA	340	2	14	05	0	0	—	11.1	25	30	6
	640	ABU HAMAD	10	2	30	02	0	0	—		28	25	6
	660	KAREIMA	340	2	30	02	0	0	—	8.6	28	40	13
	680	'ATBARA	360	9	30	02	0	0	—	6.4	29	29	9
	721	KHARTUM	60	5	30	02	0	0	—	5.1	31	29	11
	730	KASSALA	300	2	30	02	0	0	—	2.5	35	30	15
CENTRAL SUDAN	751	WAD MEDANI	310	9	35	02	0	0	—	4.6	33	26	11
	801	RENK	310	13	35	02	0	0	—	6.8	32	21	7
	802	ROSEIRES	360	7	35	02	0	0	—	3.5	34	25	11
	771	EL OBEID	50	5	30	02	0	0	—	5.7	29	22	5
	760	EL FASHER											
	770	GENEINA	320		30	01	0	1	ci		30	11	-3
S. SUDAN	840	MALAKAL	20	13	30	03	2	8	ci	3.6			7
	880	WAU	20			02	0	8	cs	5.4	31	11	-3
	941	JUBA	50	13	30	03	2	8	cs	3.0	34	15	4

At 1800 on Saturday 27th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALUM	40	2	15	00	0	0	—	15.1	15	59	7	0
SIDI BARANI												
MATRUH	130	4	9	00	0	0	—	16.6	10	71	5	0
EL DABA	00	0	7.	00	0	0	—	16.5	13	55	4	0
ALEXANDRIA	90	9	35	02	2	4	sc,cu	17.1	14	55	5	0
FOUAD (Airport)	10	3	12	01	0	1	sc	17.0	11	82	8	0
DAMIETTA												
PORT SA'ID	30	11	18	02	1	3	sc	16.3	15	68	9	0
EL 'ARISH	320	2	15	03	1	4	sc	16.0	15	59	7	0
DAMANHUR	40	9	7	02	1	3	cu	17.5	12	82	9	0
MANSURA	40	5		00	1	0	—	17.4	12	77	8	0
TANTA	00	0	35	01	1	2	cu,sc	17.6	12	63	9	0
ZAGAZIG	40	2	35	02	1	0	—	16.8	12	88	10	0
ISMA'ILIA	20	2	35	02	1	4	ac	16.9	14	67	8	0
FAROUK (Airport)	70	13	12	00	0	0	—	16.8	14	77	10	0
ALMAZA	40	13	12	00	1	0	—	15.9	14	67	8	0
EZBEKIYA	40	13	12	00	1	0	—	16.3	14	63	7	0
GIZA	40	13	12	00	0	0	—	16.4	14	67	8	0
HELWAN	20	9	7	02	0	0	—	16.0	15	59	7	0
FAIYUM	00	0	35	02	0	0	—	16.6	14	67	8	0
MINYA	00	0	8	00	0	0	—	15.1	10	54	1	0
ASYUT MANQABAD	240	5	8	00	0	0	—	14.9	14	45	2	0
NAG' HAMMADI	00	0	7	00	0	0	—	13.8	13	55	4	0
QENA	320	2	7	00	0	0	—	13.4	16	42	3	0
LUXOR	00	0	12	00	0	0	—	12.9	15	34	-1	0
ASWAN	00	0	50	00	0	0	—	12.2	23	22	0	0
SIWA	00	0	10	05	0	0	—	17.2	12	63	5	0
BAHARIYA	00	0	15	02	0	0	—	16.3	14	48	3	0
FARAFRA	290	2	15	02	0	0	—	16.4	13	67	7	0
DAKHLA	340	7	50	00	0	0	—	16.7	16	32	-1	0
KHARGA	00	0	15	00	0	0	—	14.4	16	24	-5	0
SUEZ	360	6	35	02	0	0	—	16.0	14	67	8	0
TOR	40	4		00	0	0	—	12.8	17	77	13	0
HURGHADA	290	10	12	00	0	0	—	11.9	16	77	12	0
QUSEIR	360	19	15	02	0	0	—	14.4	20	73	15	0
PORT SUDAN												
WADI HALFA	290	2	11	05	0	0	—	12.0	20	35	4	0
ABU HAMAD	50	3	30	02	0	0	—		23	34	6	0
KAREIMA	340	4	30	02	0	0	—	9.7	23	41	9	0
'ATBARA	360	2	30	02	0	0	—	8.1	25	32	7	0
KHARTUM	340	9	30	02	0	0	—	7.8	27	35	10	0
KASSALA	10	2	30	02	0	0	—	6.3	24	50	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	6	30	02	0	0	—	9.0	22	27	2	0
EL FASHER	70	5	30	02	0	0	—		22	20	-2	0
GENEINA	20	4	30	02	0	0	—		20	16	-7	0
MALAKAL												
WAU												
JUBA												

At 0600 on Sunday 28th January,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	180	17	15	03	1	1	ci	12.4		12	20		9		77	8	0	84	
SIDI BARANI	150	7	4	00	0	5	ac,ci	12.9		8			6		82	5	0	96	
MATRUH	180	10	12	03	0	4	ac,ce	14.4	-3.4	9	20		8		71	4	0	Rain	
EL DABA	140	7	15	01	1	3	cu			9	20		5		88	7	0	32	
ALEXANDRIA	130	5	35	04	2	3	cu,ci	15.5	-2.9	13	19	+1	11	+1	67	7	0	39	141
FOUAD (Airport)	90	1	12	02	4	1	sc,ce	15.4		9	18		6		94	8	0	42	104
DAMIETTA	70	2	15	01	1	2	sc,cu	15.8	-1.5	13			7		77	9	0	Rain	67
PORT SA'ID	80	8	30	02	1	3	sc	15.4	-1.8	16	19		14		68	10	0	8	
EL 'ARISH	160	2	35	02	0	3	sc	16.3	-1.6	11	20	+1	8	+1	77	7	0	Rain	50
DAMANHUR	130	5	1.5	28	4	0	—	16.8	-1.2	11	19	-1	7	0	77	7	0	24	60
MANSURA	40	5	35	00	0	0	—	16.3	-1.2	12	21	+1	9	+2	63	5	0	20	29
TANTA	00	0	35	01	1	2	cu,sc	16.8	1.4	6	20	0	4	-2	87	4	0	15	22
ZAGAZIG	40	2		28	4	0	—	15.5	-3.0	9	21	+1	4	-2	88	7	0	Rain	15
ISMA'ILIA	140	2	35	01	0	0	—	15.6		13	20		7		67	7	0	9	
FAROUK (Airport)	70	9	13	00	0	0	—	15.9		11	19		6		82	8	0	dr.	
ALMAZA	110	16	12	00	0	0	—	15.1	-3.4	11	18		5		77	7	0	1	
EZBEKIYA	350	12	12	00	0	0	—	15.2	-3.3	8	20	0	6	-2	88	6	0	1	14
GIZA	350	12	12	00	0	0	—	15.6	-2.8	7	20	+1	3	-2	87	5	0	2	15
HELWAN	40	11	7	00	0	0	—	15.1	-4.0	12	19	0	10	+2	67	6	0	1	15
FAIYUM	00	0	15	02	0	0	—	15.9	-2.9	8	21	0	5	-1	88	6	0	dr.	4
MINYA	360	1	0.7	42	4	0	—	14.2	-5.2	3	20		0		93	2	0	0	
ASYUT MANQABAD	00	0	5	10	0	0	—	14.4	-5.5	8	21		6		76	4	0	dr.	
NAG' HAMMADI	00	0	7	00	0	0	—	14.4	-4.3	8	23		3		50	-2	0	0.1	
QENA	240	2	15	00	0	0	—	13.9	-4.8	11	23	0	7	0	51	1	0	0	
LUXOR	00	0	30	00	0	0	—	12.5	-6.1	9	25		5		54	0	0	0	
ASWAN	00	0	50	00	0	0	—	13.2	-5.5	15	27	+3	10	0	42	2	0	0	
SIWA	00	0	11	03	1	2	cu,ac	15.6	-4.7	7	21	+1	3	-1	76	3	0	dr.	6
BAHARIYA	00	0	35	02	0	0	—	15.6	-3.9	9	21	0	3	-2	71	4	0	0	5
FARAFRA	00	0	35	02	0	0	—	16.2		5	20		-1		53	-4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	15.2	-4.7	6	22	0	1	-4	57	-2	0	0	
KHARGA	00	0	35	00	0	0	—	14.3	-4.9	8	24	+1	3	-3	58	0	0	0	
SUEZ	30	10	50	00	0	0	—	15.4	2.6	11	20	0	7	-2	77	7	0	0.3	10
TOR	60	9	50	00	0	0	—	13.6	-4.1	8	23	+2	6	-3	71	3	0	4	9
HURGHADA	240	12	30	00	0	0	—	12.5	-5.0	13	23		9		67	7	0	0	
QUSEIR	330	9	15	02	0	0	—	12.1	-6.0	16	24	+1	14	0	49	5	0	dr.	4
PORT SUDAN	310	4	30	50	2	7	sc	11.1		23	27		21		84	20	dr.	154	90
WADI HALFA	00	0	30	02	0	0	—	13.0		12	26		9		44	0	0	dr.	
ABU HAMAD	360	7	10	05	0	0	—			19	29		15		37	4	0		
KAREIMA	20	7	30	02	0	0	—	11.3		17	30		15		39	3	0	dr.	1
'ATBARA	360	13	10	02	0	0	—	10.2		20	30		16		46	8	0	0.3	2
KHARTUM	350	9	30	01	0	0	—	10.3		19	32		19		49	8	0	dr.	4
KASSALA	00	0	30	01	1	1	ci	9.0		20	36		14		73	15	0	dr.	8
WAD MEDANI	50	9	35	02	0	0	—	9.8		20	34		12		43	7	0	46	12
RENK	310	2	50	02	0	2	ci			25	32		16		58	16	0		49
ROSEIRES	310	5	35	02	0	0	—			20	35		16		56	11	0	0	36
EL OBEID	40	8	30	01	1	4	ci	11.4		17	31		14		39	3	0	7	16
EL FASHER	00	0	30	02	2	7	cs			9	30		6		44	-3	0	6	6
GENEINA	70	4	30	03	1	4	cs			10	33		8		41	-3	0		4
MALAKAL	20	6	30	02	2	7	cs	9.5		20	35		16		43	7	0	70	88
WAU	00	0		04	0	1	ci	10.2		17	33		14		60	9	0	144	144
JUBA	180	5	30	01	2	6	ci	9.2		24	35		17		38	9	0	192	145

HUMIDITY % Mean of day

STATION	on 27th	Diff. from normal
Alexandria	66	0
Ezbeklya	69	+3
Giza	75	+4
Helwân	70	+13

GIZA GRASS MINIMUM TEMP. ON 28th -0.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 27th At 15h.

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	130	18	46	40	10
950					
900					
850	1489	6	46	320	6
800					
700	3066	2		260	22
600					
500	5688	-18		270	42
400	7322	-30		280	59
300	9287	-45		280	69

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

STATION	Minya		Matruh		Port Said		Hurghada		Dakhla		Siwa		Asyut		S. Bareni										Port Said	
TIME	14	15	14		14		14		14		14		14		14										20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	90	12	30	11	20	10	50	6	330	20	20	4	310	10	330	7									40	9
600	80	19	10	7	20	10	350	5	320	21	10	3	320	6	300	9									20	10
1000	80	19			20	9	310	9	330	17	350	7	40	1	270	10									20	12
1500	150	3	270	7	350	6	260	14	340	16	30	6	280	10	240	14										
2000	110	5			290	7	220	14			280	2	260	5	270	9										
3000					280	7	240	14			270	12	250	18	310	13										
4000											290	22	270	23												
5000											290	28														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk	
TIME					8		2				7		2				8 30						8	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					110	15	50	12			60	11	60	3			90	1					70	22
600					100	20	70	7			80	19	70	8			40	2					80	18
1000					80	22	80	13			60	13	20	3			260	4					70	18
1500					90	9	40	7			110	3	220	2			180	13					60	15
2000					80	8					170	3	220	3									180	15
3000											250	10											170	8
4000											260	29												
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME									5		4								5		5			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300									20	5														
600									250	7	40	17												
1000									50	14	70	19							10	23		7		
1500									160	9	130	5							120	11	240	1		
2000									330	7	330	5							250	7	240	12		
3000									330	14	280	10												
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

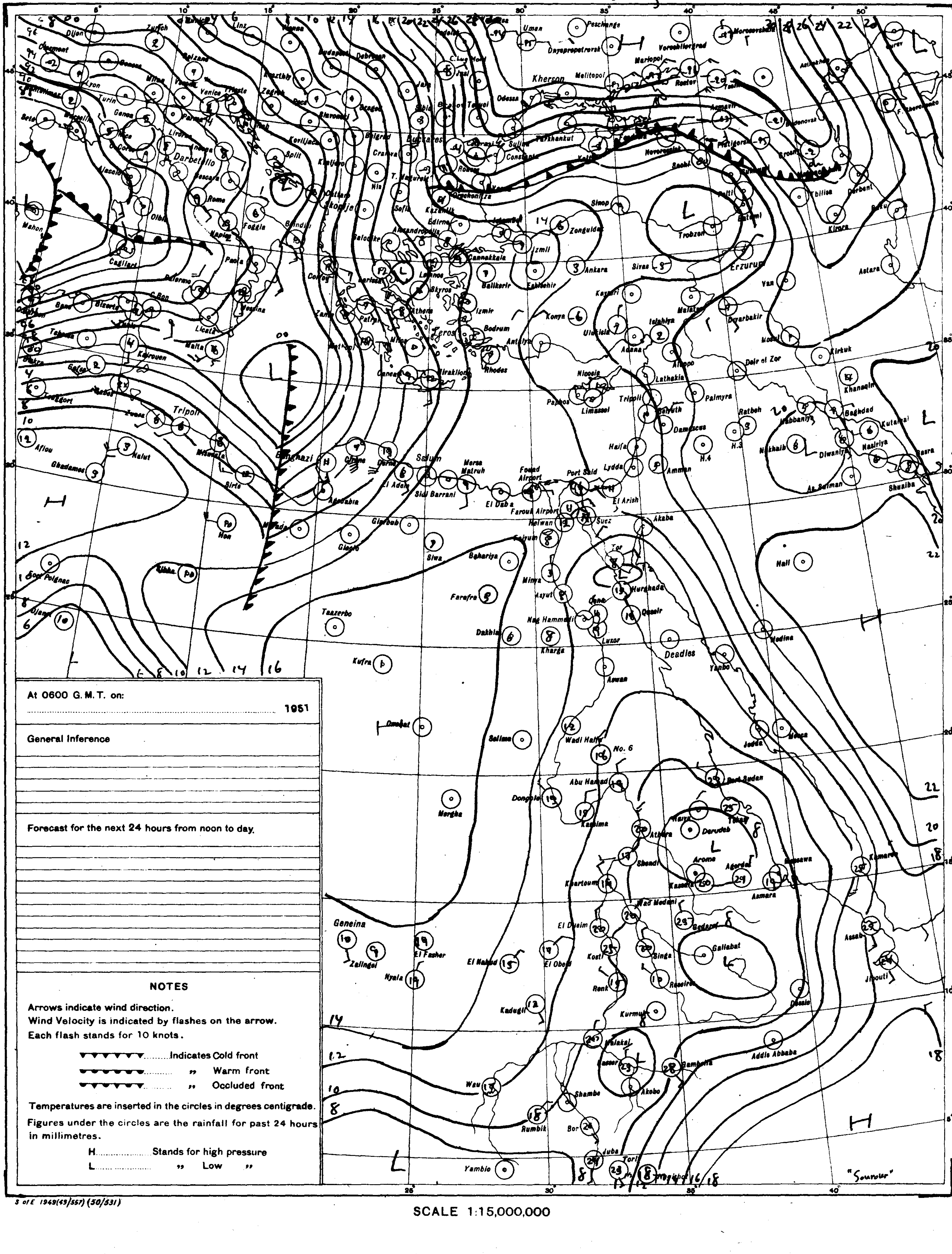
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 28/1/1 1951



S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
●●●●●●●........ " Warm front
▼●▼●▼●▼........ " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	○
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(K)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	K]
Duststorm or Sandstorm		31	S
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	K]•
Hail	the past hour	93	K]△
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	K

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 04 48 G.M.T.
" " Sunset 15 29 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 29th January, 1951

At 1200 on Sunday 28th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	180	9	35	02	2	6	ac				6
	303	SÎDI BARÂNI	180	4	18	01	2	3	Ac, Cs	10.6	19	43	6
	306	MATRÛH	130	8	12	02	0	6	ac, Ci	11.6	18	37	3
	309	EL DABA	170	4	35	03	2	6	—	11.3	19	37	4
		ALEXANDRIA	110	11	50	03	2	5	Cu, Cs	12.0	18	46	6
	318	FOUAD (Airport)	80	13	18	01	1	2	ac, Ci	12.0	18	52	8
	330	DAMIETTA	100	5	7	03	2	7	Cu, ac	12.8	17	52	7
	333	PORT SA'ID	110	10	30	03	1	7	Sc, Ci	12.3	17	56	8
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	1	3	ac	13.3	19	46	7
	342	MANSURA	90	5	35	03	2	6	Ac	12.3	19	52	9
	348	TANTA	70	5	35	03	2	2	ac	12.0	19	46	7
	354	ZAGAZIG	40	4	35	03	4	4	Ci	11.5	18	46	6
	440	ISMA'ILIA	90	9	15	03	2	8	ac	12.0	19	37	4
Cairo Area	366	FAROUK (Airport)	70	16	30	02	2	3	ac	12.1	19	49	8
	372	ALMAZA	100	17	15	02	1	4	Cs	11.6	20	35	4
		EZBEKIYA	90	4	18	02	1	6	Sc, Cu	11.4	20	38	5
		GIZA	90	4	18	02	1	6	Sc, Cu	12.2	21	33	4
	378	HELWÂN	00	0	35	02	1	3	Ac	10.6	21	26	1
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	12.0	20	46	8
	387	MINYA	220	3	10	00	4	0	—	11.4	20	33	3
	393	ASYÛT MANQABÂD	280	2	14	00	0	0	—	10.3	20	41	6
	399	NAG' HAMMÂDI	270	1	15	00	0	0	—	10.7	23	38	8
	402	QENA	220	1	50	00	0	0	—	10.8	22	57	13
	405	LUXOR	10	3	30	00	0	0	—	10.1	21		
	414	ASWÂN	00	0	50	00	0	0	—	9.5	26	27	5
Oases	417	SÎWA	130	10	12	01	1	2	ac, Ci	12.3	19	35	3
	420	BAHARIYA	180	2	35	02	1	3	ac	12.2	21	41	7
	423	FARAFRA	220	3	35	03	0	0	—	12.6	21	50	10
	432	DAKHLA	160	6	50	00	0	0	—	10.8	22	33	5
	435	KHARGA	360	1	35	00	0	0	—	11.6	23	24	1
Red Sea	450	SUEZ	360	3	50	03	0	2	Cu	11.1	19	37	4
	459	TOR	310	10	50	00	0	0	—	11.6	21	44	8
	462	HURGHADA	30	6	30	00	0	0	—	9.1	20	60	12
	465	QUSEIR	20	13	15	02	0	0	—	11.6	21	65	14
	641	PORT SUDAN	110	12	10	01	5	1	Cu	7.3	28	66	21
North Sudan	600	WADI HALFA	70	3	30	02	0	0	—	8.8	26	30	7
	640	ABU HAMAD	190	1	30	02	0	0	—		30	33	12
	660	KAREIMA	70	3	30	02	0	0	—	7.4	28	25	6
	680	'ATBARA	310	2	30	02	0	0	—	4.8	31	26	9
	721	KHARTUM	280	5	50	02	0	0	—	5.9	30	27	9
	730	KASSALA	310	1	30	02	0	0	—	2.1	36	22	11
Central Sudan	751	WAD MEDANI	310	9	35	02	0	0	—	5.0	32	21	7
	801	RENK											
	802	ROSEIRES	270	9	35	02	0	0	—		36	19	9
	771	EL OBEID	350	2	30	02	0	2	Ci	6.5	29	22	5
	760	EL FASHER											
	770	GENEINA	230	4	30	02	0	5	Ci		30	13	-1
S. Sudan	840	MALAKAL	40	6	30	02	2	8	Ci	3.1	35	18	7
	880	WAU	340	2	10	04	2	8	Ci	3.2	34	14	3
	941	JUBA	20	2	10	04	0	0	—	1.8	36	15	6

At 1800 on Sunday 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	180	5	15	00	0	0	—	9.6	16	42	3	0
SÎDI BARÂNI	150	5				0	—	10.2	13	55	4	0
MATRÛH	90	4	12	01	2	0	—	11.7	10	62	3	0
EL DABA												
ALEXANDRIA	90	6	35	02	2	4	Cu, Ci	13.9	14	67	8	0
FOUAD (Airport)	30	3	12	01	1	2	ac	12.8	12	77	8	0
DAMIETTA	110	5	7	01	1	4	ac	13.1	14	77	10	0
PORT SA'ID	80	11	18	02	1	3	Sc	12.6	15	72	10	0
EL 'ARISH												
DAMANHUR	90	9	7	02	1	3	Cu	12.7	13	77	9	0
MANSURA	40	5		03	2	6	Sc	13.5	13	77	9	0
TANTA	00	0	35	02	1	0	—	13.3	12	63	5	0
ZAGAZIG	40	5	35	02	1	0	—	12.3	17	42	4	0
ISMA'ILIA	20	5	35	01	0	0	—	12.8	14	67	8	0
FAROUK (Airport)	70	8	12	01	1	2	ac	12.7	14	59	6	0
ALMAZA	110	6	12	01	1	3	Ci	12.1	13	63	6	0
EZBEKIYA	270	2	12	02	1	7	Sc, Cu	11.9	13	67	7	0
GIZA	270	2	12	02	1	7	Sc, Cu	12.6	12	77	8	0
HELWÂN	40	11	15	01	2	4		11.6	15	39	1	0
FAIYÛM	00	0	35	03	1	3	Cu, Sc	12.8	13	67	7	0
MINYA	00	0	8	00	1	0	—	12.3	11	51	1	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	11.6	16	39	2	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	12.0	13	41	0	0
QENA	320	2	7	00	0	0	—	11.2	15	48	4	0
LUXOR	00	0	12	00	0	0	—	11.3	16	34	0	0
ASWÂN												
SÎWA	110	5	9	05	1	0	—	11.2	12	44	0	0
BAHARIYA	00	0	15	02	1	0	—	12.4	13	44	1	0
FARAFRA	40	3	15	03	0	0	—	12.6	13	55	4	0
DAKHLA	320	2	50	00	0	0	—	12.6	18	28	-1	0
KHARGA	00	0	15	00	0	0	—	13.8	20	14?	-9?	0
SUEZ	00	0	35	01	0	0	—	11.9	15	48	4	0
TOR	220	5	15	00	0	0	—	12.2	17	77	13	0
HURGHADA	150	5	10	00	0	0	—	9.8	16	77	12	0
QUSEIR	20	9	15	02	0	0	—	12.0	20	64	13	0
PORT SUDAN	200	1	10	02	0	0	—	9.9	25	70	19	dr.
WADI HALFA	320	7	30	02	0	0	—	10.6	20	30	2	0
ABU HAMAD	00	0	30	02	0	0	—		25	36	9	0
KAREIMA	340	10	30	02	0	0	—	9.2	25	24	3	0
'ATBARA	00	0	30	02	0	0	—			10	0	
KHARTUM	330	10	30	02	0	0	—	8.2	26	28	6	0
KASSALA	360	4	30	02	0	0	—	6.2	26	35	9	0
WAD MEDANI												
RENK												
ROSEIRES	340	10	30	02	0	0	—					
EL OBEID	00	0	30	02	0	0	—					
EL FASHER	140	3	30	02	2	8	Ci		23	27	3	0
GENEINA	250	3	30	01	1	2	Ci		26	16	-2	0
MALAKAL	340	5	30	01	2	4	Ci	5.2	27	37	11	0
WAU	00	0	30	02	0	0	—	5.1	27	28	7	0
JUBA	90	2	30	01	1	0	—	4.8	26	40	11	0

At 0600 on Monday 29th January,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	200	9	15	00	0	0	—	11.9		13	19		9		44	1	0	84	
SÎDI BARÂNI	160	8	14	00	0	0	—	12.5		8	19		5		62	1	0	96	
MATRÛH	100	7	15	00	0	0	—	13.7	4.0	9	19		7		67	3	0	Rain	
EL DABA																			
ALEXANDRIA	130	9	15?	10	0	0?	—	15.2	3.2	10	19	+1	9	-1	95	10	0	39	143
FOUAD (Airport)	180	4	0.01	47	4	9	—	15.1		8	19		5		94	7	0	42	105
DAMIETTA	200	2	3	42	4	0	—	15.9	-1.3	11	18		7		88	9	0	Rain	68
PORT SA'ID	320	2	6	02	0	1	Sc	15.2	-1.9	14	19		12		77	10	0	8	
EL 'ARISH	160	2	35	01	1	1	Cu	15.8	2.0	12			6	-1	63	5	0	Rain	51
DAMANHUR	90	9	1.5	28	4	0	—	15.9	2.0	10	20	0	7	0	88	8	0	24	61
MANSURA	40	3	35	00	0	0	—	15.1	2.3	9	20	0	7	0	88	7	0	20	29
TANTA	00	0	35	02	0	0	—	15.1	-3.0	3	20	0	1	-5	95	3	0	15	22
ZAGAZIG	00	0	3	43	4	0	—	15.8	2.6	4	20	0	2	-4	95	4	0	Rain	15
ISMA'ILIA	180	2	35	01	0	0	—	15.6		8	20		7				0	9	
FAROUK (Airport)	110	3	18	03	1	2	Ci	16.1		8	20		8		88	6	0	dr.	
ALMAZA	150	3	15	03	0	1	Cc	15.5	-2.9	10	20		7		58	2	0	1	
EZBEKIYA	00	0	10	00	0	0	—	15.8	-2.6	9	21	+1	7	-1	82	6	0	1	14
GIZA	00	0	10	00	0	0	—	15.9	-2.4	5	21	+2	2	-3	95	5	0	2	15
HELWÂN	00	0	7	02	1	2	Ci	15.6	-3.4	10	23	+4	8	0	50	0	0	1	15
FAIYÛM	00	0	35	03	1	5	Sc	16.8	-1.9	8	20	-1	4	-2	58	0	0	dr.	4
MINYA	180	1	8	03	1	3	Ci	15.5	-3.9	5	21		1		70	0	0	0	
ASYÛT MANQABÂD	00	0	8	01	0	0	—	16.0	-3.9	10	22		6		54	1	0	dr.	
NAG' HAMMÂDI											23								
QENA	340	1	15	00	0	0	—	14.4	-4.1	9	24	+1	6	-1	62	2	0	0	
LUXOR	00	0	30	00	0	0	—	14.4	-4.1	8	26		6		54	-1	0	0	
ASWÂN	00	0	50	00	0	0	—	14.2	-4.4	17			11	+1	42	4	0	0	
SÎWA	00	0	11	03	1	2	Ci	14.3	5.9	4	20	0	1	-3	65	-2	0	dr.	6
BAHARIYA	00	0	35	02	1	3	ac	15.2	-4.3	10	22	+1	2	-3	50	0	0	0	5
FARAFRA	30	2	35	02	1	2	ac, Ci	16.0		5	22		-1		70	0	0	dr.	
DAKHLA	00	0	50	00	0	0	—	15.6	-4.3	6	23	+1	2	-3	42	-6	0	0	
KHARGA	00	0	35	00	0	0	—	15.1	-4.0	10	24	+1	4	-2	50	0	0	0	
SUEZ	360	2	50	00	0	0	—	15.6	-2.4	10	22	+2	7	-2	76	6	0	0.3	10
TOR	40	5	35	00	0	0	—	15.0	-2.6	10	23	+2	9	0			0	4	9
HURGHADA	220	9	30	00	0	0	—	12.7	-4.7	15	21		?		48	4	0	0	
QUSEIR	20	9	15	02	0	0	—	12.2	-4.8	16	25	+2	16?	+2	77	12	0	dr.	4
PORT SUDAN	320	5	4	05	2	7	Sc	11.5		24	29		20		41	10	dr.	154	90
WADI HALFA	360	1	50	03	0	0	—	15.1		10	27		8		71	5	0	dr.	
ABU HAMAD	360	10	10	03	1	3	Ci			19	31		17		32	2	0		
KAREIMA	340	2	30	02	0	0	—	13.2		15	29		10		59	7	0	dr.	1
'ATBARA	340	9	10	05	0	0	—	10.9		20	33		17		35	4	0	0.3	2
KHARTUM	350	11	30	01	0	4	Ci	10.9		19	32		15		35	3	0	dr.	4
KASSALA	320	3	30	02	0	0	—	9.6		19	38		14		52	9	0	dr.	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	10.7		19	38		17		64	12	0	0	36
EL OBEID	360	4	30	03	0	5	Ci	9.5		17	31		13		24	1	0	7	16
EL FASHER	20	4	30	02	2	8	Cs			12	33				28	6	0	6	6
GENEINA											33								4
MALAKAL	40	9	30	03	1	5	Ci	9.4		22	36		18		33	5	0	70	88
WAU	00	0	10	04	0	2	—	10.2		19	36		15		60	11	0	144	144
JUBA											36								145

HUMIDITY %

Mean of day

Station	on 28th	Diff. from normal
Alexandria	62	-4
Ezbeklya	68	+2
Giza	75	+4
Helwân	51	-5

GIZA GRASS MINIMUM TEMP. ON 29th 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 28th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	87	18	34	60	15
850					
900					
850	1448	8	31	200	9
800					
700	3030	2		230	29
600					
500	5673	-14		250	46
400	7326	-27		260	74
300	9350	-38		250	76

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 28th

Height m.	Sûwa Dir.	Sûwa Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Matruh Dir.	Matruh Vel.	S. Barrani Dir.	S. Barrani Vel.					Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk Dir.	Farouk Vel.	Port Said Dir.	Port Said Vel.	Nuiya Dir.	Nuiya Vel.
Time	14		14		14		14		14		14		14						20		20		20		20	
300	170	18	190	10	80	5	110	3	340	4	30	22	180	9					90	14	80	17	60	10	250	6
600	180	26	190	10	130	4	230	5	310	14	180	12	180	11					70	8	120	5	60	9	280	6
1000	190	16	210	10	60	4	210	10	240	3	170	8	190	10					50	2	200	11			280	12
1500	210	15	200	13	220	9	200	12			200	5	220	12					60	2	240	9			220	17
2000	210	14	230	17	220	16	220	16					200	17							250	19				
3000							250	23					170	17												
4000													230	21												
5000													230	23												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport (2) Dir.	Fouad Airport (2) Vel.	Port Said (2) Dir.	Port Said (2) Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân (7) Dir.	Helwân (7) Vel.	Minya (2) Dir.	Minya (2) Vel.	Asyut Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk (2) Dir.	Farouk (2) Vel.
300					120	16	30	6			60	2	230	2									90	13
600					80	9	30	7			270	3	300	4									50	2
1000					10	5	350	9			20	5	250	7									40	3
1500							290	15			290	10	260	10									280	6
2000							310	23			330	10	310	16									310	23
3000											300	12												
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa (4) Dir.	Wâdi Halfa (4) Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm (4) Dir.	Khartûm (4) Vel.	Kassala Dir.	Kassala Vel.	El Obeid (4 45) Dir.	El Obeid (4 45) Vel.	El Fâsher (5) Dir.	El Fâsher (5) Vel.	Malakâl Dir.	Malakâl Vel.
300									30	6														
600									20	13					360	2								
1000									10	5					350	18			30	18	40	9		
1500									350	4					270	5			350	7				
2000																								
3000									300	6					240	20			190	10	320	4		
4000																					360	4		
5000															230	16								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

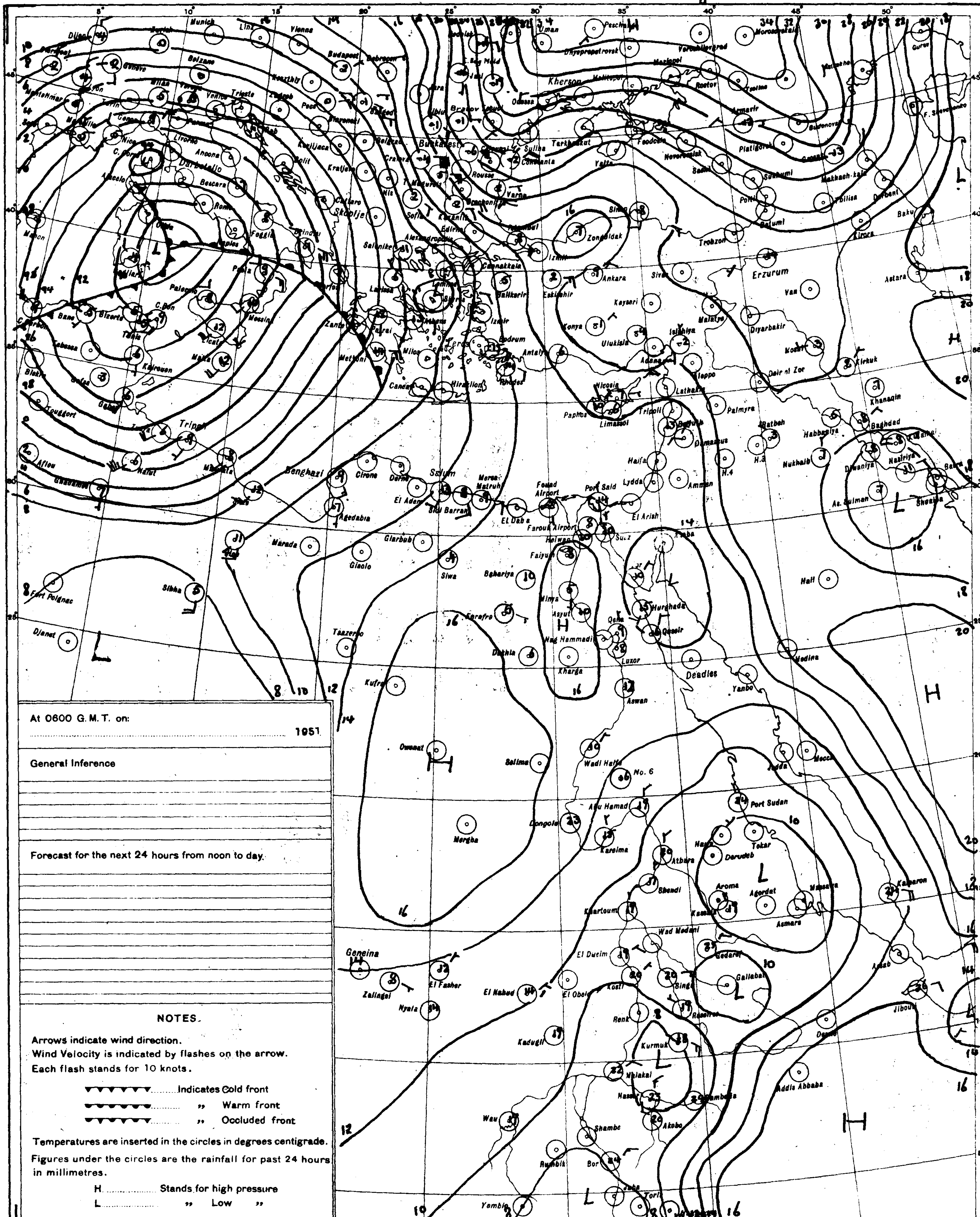
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/537).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 29/1/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES.

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	◯
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Hail — Thunderstorm during the past hour	91 / 93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	◯
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 47 G. M. T.

" " Sunset 15 30 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 30th January, 1951

At 1200 on Monday 29th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	180	9	15	00	0	0	—	10.8	22	29	3
	303	SÎDI BARÂNI	150	3	18	02	0	0	—	11.3	21	23	-1
	306	MATRÛH	140	6	15	00	0	0	—	12.9	21	20	-3
	309	EL DABÂ	30	9	35	00	0	0	—	13.2	22	25	1
		ALEXANDRIA	130	6	50	00	0	0	—	14.8	20	41	6
	318	FOUAD (Airport)	110	3	16	02	0	0	—	14.9	20	46	8
	330	DAMIETTA	20	5	35	02	0	1	ac	15.5	17	60	9
	333	PORT SA'ÎD	10	3	30	02	0	1	Sc	15.1	18	60	10
	336	EL 'ARISH	320	2	35	01	0	0	—	15.2	18	52	8
LOWER EGYPT	339	DAMANHUR	130	9	15	02	0	0	—	15.6	20	46	8
	342	MANSURA	20	5	35	00	0	0	—	15.5	21	57	12
	348	TANTA	180	2	35	02	0	0	—	15.1	21	41	7
	354	ZAGAZIG	40	4	35	02	0	0	—	15.0	21	41	7
	440	ISMA'ÎLIA	20	2	35	02	0	0	—	15.1	20	46	8
CAIRO AREA	366	FAROUK (Airport)	70	4	30	00	0	0	—	14.9	20	19	-4
	372	ALMÂZA	40	9	15	00	0	0	—	14.1	21	33	4
		EZBEKÎYA	360	4	18	00	0	0	—	14.2	22	25	1
		GÎZA	360	4	18	00	0	0	—	14.3	22	29	3
	378	HELWÂN	00	0	15	01	1	0	—	13.6	21	31	3
UPPER EGYPT	381	FAIYÛM	00	0	35	01	0	0	—	15.1	20	41	0
	387	MINYA	100	5	12	00	1	0	—	14.2	23	34	6
	393	ASYÛT MANQABÂD	00	0	14	00	0	0	—	13.5	21	28	2
	399	NAG' HAMMÂDI	360	1	15	00	0	0	—	13.9	23	38	8
	402	QENA	220	2	50	00	0	0	—	13.0	23	52	5
	405	LUXOR	10	6	30	00	0	0	—	12.7	24	26	3
	414	ASWÂN	330	2	50	00	0	0	—	11.9	26	18	0
OASES	417	SÎWA	130	4	14	00	0	0	—	13.5	20	24	-1
	420	BAHARÎYA	90	2	35	02	1	0	—	135	24	26	3
	423	FARAFRA	130	2	35	02	1	0	—	14.2	23	44	10
	432	DAKHLA	00	0	50	00	0	0	—		24	21	0
	435	KHARGA	00	0	35	00	0	0	—	13.3	24	21	0
RED SEA	450	SUEZ	360	3	50	21	0	0	—	14.4	20	33	3
	459	TÛR	310	9	50	00	0	0	—	14.2	21	57	12
	462	HURGHÂDA	340	6	30	03	0	1	Ci	12.2	21	53	11
	465	QUSEIR	360	9	15	02	0	0	—	12.1	23	61	15
	641	PORT SÛDÂN	50	12	10	01	2	1	Cu	9.4	27	74	22
NORTH SÛDÂN	600	WÂDI HALFA	360	7	30	02	0	0	—	10.7	25	14	-5
	640	ABU HAMAD	40	1	30	02	0	1	Ci		30	22	6
	660	KAREIMA	50	4	30	02	0	0	—	8.4	30	24	7
	680	'ATBARA	340	5	30	03	0	1	Ci	6.4	31	22	7
	721	KHARTÛM	340	7	30	01	1	2	Cs	6.6	31	19	5
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	40	9	30	04	1	7	Ci	6.5	30	13	-1
	760	EL FÂSHER	160	6	30	02	2	8	Cs		31	15	1
	770	GENEINA	190	2	30	01	0	1	Ci		32	11	-2
S. SÛDÂN	840	MALAKÂL	20	7	30	03	1	4	ac Ci	3.7	35	13	3
	880	WÂU											
	941	JUBA	50	9	30	04	0	0	—	2.3	36	15	6

At 1800 on Monday 29th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms.
SALUM	40	5	15	00	0	0	—	11.2	18	60	10	0
SÎDI BARÂNI												
MATRÛH	110	3	15	00	0	0	—	13.9	12	44	0	0
EL DABÂ	110	5	7	00	0	0	—	14.9	12	59	4	0
ALEXANDRIA	90	16	35	00	0	0	—	16.0	14	67	8	0
FOUAD (Airport)	90	10	14	02	0	0	—	15.7	14	77	10	0
DAMIETTA	40	5	7	01	0	0	—	16.3	15	68	9	0
PORT SA'ÎD	60	5	18	02	0	0	—	16.5	16	77	12	0
EL 'ARISH												
DAMANHUR	40	13	7	02	0	0	—	16.7	13	77	9	0
MANSURA	40	5		00	0	0	—	17.5	13	77	9	0
TANTA	00	0	35	02	0	0	—	17.6	12	63	5	0
ZAGAZIG	40	4	35	02	1	0	—	16.6	13	77	9	0
ISMA'ÎLIA	20	2	35	02	0	0	—		14	67	8	0
FAROUK (Airport)	90	9	12	00	0	0	—	16.0	15	42	2	0
ALMÂZA	90	12	12	00	0	0	—	15.6	16	42	3	0
EZBEKÎYA	40	5	12	00	0	0	—	15.5	15	52	5	0
GÎZA	40	5	12	00	0	0	—	15.8	16	49	5	0
HELWÂN	40	17	7	02	0	0	—	15.2	10	32	-1	0
FAIYÛM	00	0	35	02	0	0	—	15.6	12	63	5	0
MINYA	360	4	8	00	0	0	—	15.2	13	44	1	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	14.7	16	34	0	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	14.7	14	67	8	0
QENA	320	2	7	00	0	0	—	13.6	15	48	4	0
LUXOR	00	0	12	00	0	0	—	13.7	14	36	-1	0
ASWÂN	00	0	50	00	0	0	—	12.5	23	18	-3	0
SÎWA			10	00	0	0	—	13.4	14			0
BAHARÎYA	90	3	15	02	0	0	—	14.4	15	30	-3	0
FARAFRA	40	3	15	02	0	0	—	14.5	13	55	4	0
DAKHLA	180	3	50	00	0	0	—	15.2	18	28	-1	0
KHARGA	00	0	15	00	0	0	—	15.2	16	24	-5	0
SUEZ	00	0	35	02	0	0	—	15.5	16	42	3	0
TÛR	360	5	35	00	0	0	—	15.5	16	49	5	0
HURGHÂDA	240	6	12	00	0	0	—	13.7	14	59	6	0
QUSEIR	20	9	15	02	0	0	—	14.7	21	57	12	0
PORT SÛDÂN	90	2	10	02	0	3	Cu	11.7	25	84	22	0
WÂDI HALFA	10	3	30	02	0	0	—	12.2	19	30	1	0
ABU HAMAD	340	3	30	02	0	0	—		24	30	5	0
KAREIMA	20	4	30	02	0	0	—	9.9	25	30	6	0
'ATBARA												
KHARTÛM	350	7	30	02	0	2	Ci	6.4	25	24	3	0
KASSALA	10	2	30	02	0	0	—	8.1	23	44	10	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	1	30	01	2	2	Ci	9.0	23	24	1	0
EL FÂSHER	110	5	30	02	0	0	—		24	28	4	0
GENEINA	20	1	30	02	0	0	—		25	28	0	0
MALAKÂL	360	6	30	01	2	5	Ci	5.9	27	28	7	0
WÂU	20	4	30	00	0	0	—	5.3	28	29	8	0
JUBA	00	0	10	04	0	0	—	4.0	27	40	12	0

At 0600 on Tuesday 30th January,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	90	5	15	00	0	0	—	9.4		15	22		12		39	1	0	84	
SÎDI BARÂNI	160	19	14	00	0	0	—	8.7		10			6		38	-4	0	96	
MATRÛH	60	15	15	00	0	0	—	12.0	-5.6	10	22		7		58	2	0	Rain	
EL DABÂ	160	7	7	00	0	0	—			8	22		5		88	6	0	32	
ALEXANDRIA	130	16	35	04	0	0	—	14.2	-4.1	11	21	+3	10	0	88	9	0	39	144
FOUAD (Airport)	110	10	12	02	0	0	—	14.2		10	21		6		94	9	0	42	107
DAMIETTA	110	5	7	41	4	0	—	15.0	-2.2	14	20		10		88	12	0	Rain	69
PORT SA'ÎD	130	10	14	02	0	0	—	15.7	-1.4	15	19		12		77	11	0	8	
EL 'ARISH	220	2	35	02	0	0	—			15			10	+3	68	9	0	Rain	52
DAMANHÛR	130	13	15	28	4	0	—	15.9	-1.9	8	21	+1	6	-1	95	8	0	24	62
MANSÛRA	90	9	35	00	0	0	—	15.9	-1.5	8	22	+2	7	0	88	0	0	20	29
TANTA	90	5	35	02	0	0	—	16.8	-1.2	7	22	+2	2	-4	88	5	0	15	23
ZAGAZIG	40	2	3	44	4	0	—	15.9	-2.5	7	22	+2	4	-2	95	7	0	Rain	15
ISMA'ÎLIA	160	2	35	01	0	0	—	15.9		12	21		7		63	5	0	7	
FAROUK (Airport)	110	3	18	01	0	0	—	15.7		10	22		6		58	2	0	dr.	
ALMÂZA	130	6	12	00	0	0	—	15.5	-2.8	10	23		7		32	-6	0	1	
EZBEKÎYA	00	0	12	00	0	0	—	15.2	-3.1	9	23	+3	6	-2	82	6	0	1	14
GÎZA	00	0	12	00	0	0	—	15.9	-2.4	5	24	+5	2	-3	81	2	0	2	15
HELWÂN	00	0	7	00	4	0	—	15.6	-3.4	11	22	+3	8	0	30	-6	0	1	15
FAIYÛM	00	0	15	02	0	0	—	16.8	-1.9	7	24	+3	3	-3	71	2	0	dr.	4
MINYA	00	0	8	00	0	0	—	15.7	3.6	4	24		1		65	-2	0	0	
ASYÛT MANQABÂD	00	0	6	10	0	0	—	15.5	-4.4	8	23		6		31	-8	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	16.0	-2.6	11	24				51	1	0	0.1	
QENA	290	2	15	03	1	3	Cu	15.8	-2.6	11	24	+1	7	0	30	-6	0	0	
LUXOR	00	0	30	00	0	0	—	15.3	-3.2	10	25		6		74	-6	0	0	
ASWÂN	20	3	30	00	0	0	—	14.9	-3.7	15	27	+3	12	+2	45	3	0	0	
SÎWA	90	3	11	00	0	0	—	11.4	-8.8	7	22	+2	5	+1	53	-2	0	dr.	6
BAHARÎYA	00	0	35	02	0	0	—	15.4	-4.0	12	25	+4	5	0	55	3	0	0	5
FARAFRA	00	0	35	02	0	0	—	15.2		5	25		1		53	-4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	15.6	-4.2	9	25	+3	4	-1	34	-6	0	0	
KHARGA	00	0	35	00	0	0	—	15.0	-4.1	10	25	+2	4	-2	38	-4	0	0	
SUEZ	00	0	50	00	0	0	—	15.6	-2.3	8	22	+2	5	-4	71	3	0	0.3	10
TÛR	360	9	35	00	0	0	—	15.0	-2.6	10	23	+2	8	-1	50	0	0	4	9
HURGHADA	230	11	30	00	0	0	—	14.7	-2.6	13	21		6		34	-7	0	0	
QUSEIR	300	9	15	02	0	0	—	15.2	-1.8	16	25	+2	16	+1	49	5	0	dr.	4
PORT SÛDÂN	320	11	10	02	0	5	Sc	13.1		25	28		22		79	21	dr.	154	90
WÂDI HALFA											26								
ABU HAMAD											31								
KAREIMA											31								1
'ATBARA	360	5	30	02	0	0	—	11.0		20	23		16		49	9	0	0.3	2
KHARTÛM	360	10	30	02	0	0	—	10.7		21	32		17		38	6	0	dr.	4
KASSALA											37								8
WÂD MEDANI	50	9	35	02	0	0	—	9.8		25	34		13		28	5	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FÂSHER											33								6
GENEINA											34								4
MALAKÂL																			88
WÂU											38								144
JUBA	280	5	30	02	2	6	—	8.0		26	37		19		21	2	0	192	145

HUMIDITY %

Mean of day

STATION	on 29th	Diff. from normal
Alexandria	78	+12
Ezbekîya	60	-5
Gîza	63	-8
Helwân	36	-20

GÎZA GRASS MINIMUM TEMP. ON 30th -2.1°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 29th At 15½.

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	121	21	20	40	10
950					
900					
850	1490	12	14	210	4
800					
700	3084	3		290	23
600					
500	5716	-15		280	31
400	7363	-28		270	52
300	9370	-38		270	77

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 29th

STATION	Siwa		Port Said		Minya		Asyut		Dakhla		Matruh		Kharga		Luxor		Farouk		S. Bawati				Fouad A.P.		Port Said	
TIME	14		14		14		14		14		14		14		14	15	14		14				20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	130	13	20	6	140	2	360	2	120	5	150	4	360	8	10	10	70	5	120	12			60	22	120	12
600	140	15	30	6	60	3	30	5	110	6	170	7	340	11	10	10	80	6	180	14			30	17	80	9
1000	160	17	20	5	50	5	40	11	90	5	190	12	320	11	50	5	90	5	180	17			40	13	110	9
1500	210	16	280	7	80	6	90	8	120	6	230	16	350	3	50	11	250	4	210	14			300	14	80	5
2000	200	24	280	38	280	4	20	2			220	28					270	4	220	22			330	14		
3000	190	17	300	29			20	5			300	6					270	2	200	16						
4000	210	16	250	22			240	5																		
5000	220						270	7																		
6000							270																			
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
TIME					2		2						2										
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR. VEL.
300					80	19	100	20					100	8									
600					40	17	110	12					80	4									
1000					360	16	130	9					150	2									
1500					320	12	170	5															
2000					320	13																	
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME			8		8										4		4							
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			140	14	130	12																		
600			150	31	140	14									10	23	50	9						
1000			180	25	150	9									40	15	30	21						
1500			200	30											10	4	40	25						
2000																	10	11						
3000																	310	9						
4000																	30	22						
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

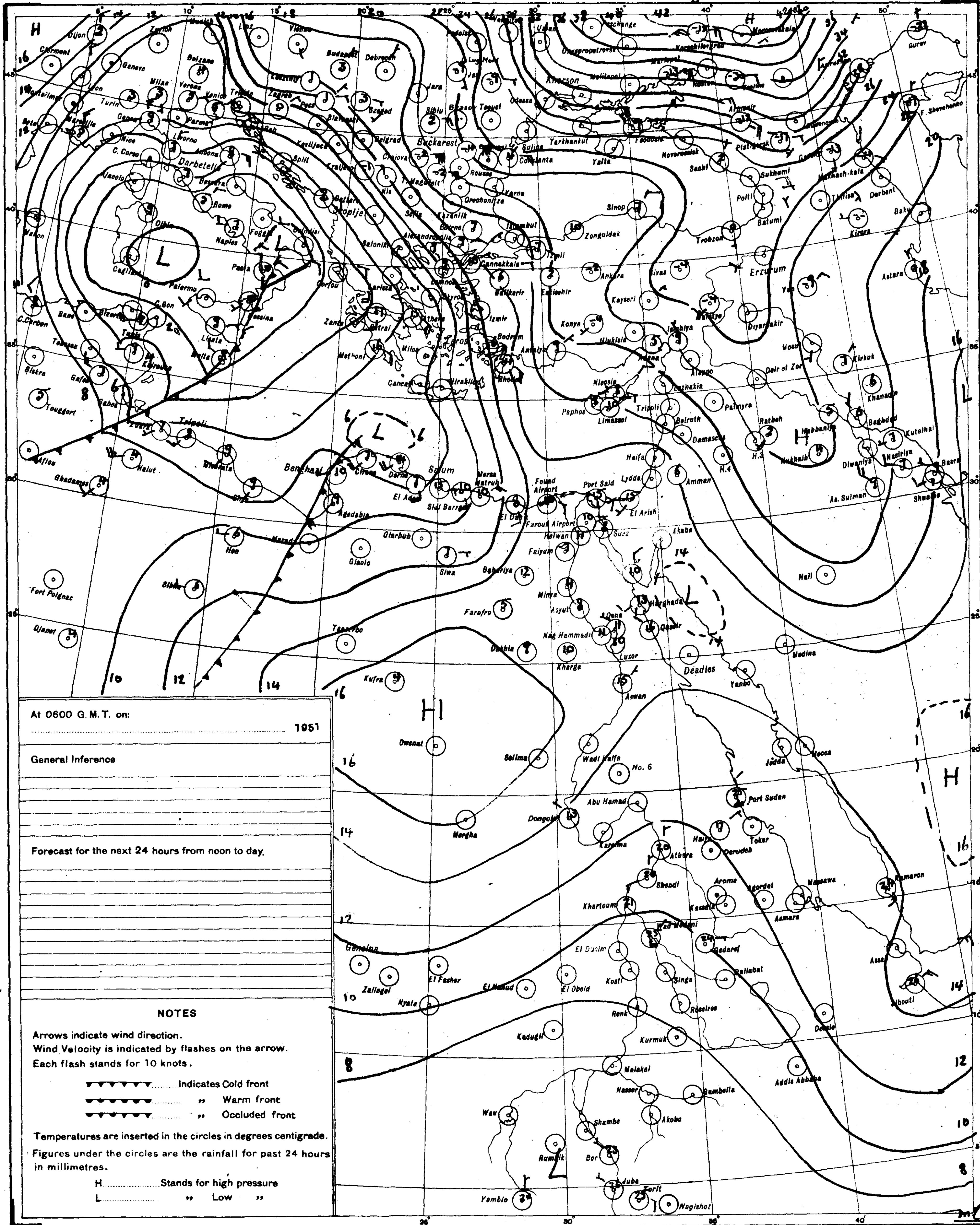
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 30/1/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
▲▲▲▲▲▲▲ .... ,, Warm front
▼▲▼▲▼▲▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(Ꞅ)
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*v/s less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 47 G. M. T.

" " Sunset 15 31 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Wednesday 31st January, 1951

At 1200 on Tuesday 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	200	19	35	07	3	0	—	5.9	25	5	-17
	303	SÎDI BARÂNI	180	14	14	02	0	0	—	6.5	25	11	-8
	306	MATRÛH	150	25	3	07	0	0	—	8.7	25	5	-17
	309	EL DABʿA	150	8	35	00	0	0	—	9.7	25	34	8
		ALEXANDRIA	130	14	50	00	0	0	—	12.2	21	26	1
	318	FOUAD (Airport)	140	8	18	02	0	0	—	12.0	22	29	3
	330	DAMIETTA	140	5	35	00	0	0	—	12.3	19	64	12
	333	PORT SAʿÎD	110	10	18	02	0	0	—	13.3	18	68	12
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	13.5	25	34	8
	342	MANṢURA	90	5	35	00	0	0	—	13.0	25	30	6
	348	TANTA	180	5	35	02	0	0	—	12.6	25	28	5
	354	ZAGAZIG	40	4	50	02	0	0	—	12.6	24	26	3
	440	ISMAʿILIA	160	2	35	02	0	0	—	13.1	25	22	2
Cairo Area	366	FAROUK (Airport)	250	5	10	00	0	0	—	12.4	28	12	-4
	372	ALMÂZA	320	5	10	00	0	0	—	12.5	26	28	6
		EZBEKÎYA	220	3	18	00	0	0	—	12.2	26	21	2
		GÎZA	220	3	18	00	0	0	—	12.7	28	12	-4
	378	HELWÂN	00	0	15	02	0	0	—	12.2	26	13	-5
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	13.3	25	28	5
	387	MINYA	200	6	10	00	0	0	—	12.9	26	21	2
	393	ASYÛT MANQABÂD	140	6	14	00	0	0	—	11.8	27	20	2
	399	NAGʿ HAMMÂDI	180	1	15	00	0	0	—	12.4	27	27	6
	402	QENA	110	3	50	00	0	0	—	11.6	25	28	5
	405	LUXOR	360	4	30	00	0	0	—	12.1	25	22	2
	414	ASWÂN	330	3	50	00	0	0	—	11.5	27	45	14
Oases	417	SÎWA	110	3	15	00	0	0	—	10.0	27	23	4
	420	BAHARÎYA	180	3	35	02	0	0	—	11.9	27	20	2
	423	FARAFRA	220	5	35	02	0	0	—	12.5	26	42	12
	432	DAKHLA	160	6	50	00	0	0	—	11.2	25	17	-2
	435	KHARGA	00	0	15	00	0	0	—	12.3	28	33	10
Red Sea	450	SUEZ	180	3	50	02	0	0	—	12.2	21	33	4
	459	TÔR	270	4	50	00	0	0	—	13.3	23	50	12
	462	HURGHÂDA	360	4	30	00	0	0	—	12.3	23	38	8
	465	QUSEIR	20	9	15	02	0	0	—	14.2	23	61	15
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA	350	3	30	02	0	0	—	9.9	28	25	6
	640	ABU HAMAD	150	2	30	02	0	0	—		32	28	11
	660	KAREIMA	100	4	30	02	0	0	—	8.2	31	29	11
	680	ʿATBARA	110	9	30	02	0	0	—	6.0	33	20	7
	721	KHARTÛM	350	7	30	02	0	0	—	6.4	34	16	5
	730	KASSALA	360	3	30	02	0	0	—	3.4	36	22	11
Central Sûdân	751	WÂD MEDANI	50	9	35	02	0	0	—	5.9	36	15	6
	801	RENK	310	9	35	02	0	3	Ci	4.6	35	18	7
	802	ROSEIRES	360	9	35	02	0	0	—	2.3	38	15	7
	771	EL OBEID	50	6	30	02	0	0	—	5.2	32	9	-5
	760	EL FÂSHER	350	3	30	01	0	0	—		32	17	4
	770	GENEINA	00	0	30	02	1	1	Ci		33	14	2
S. Sûdân	840	MALAKÂL	90	8	30	02	2	8	Cs		37	11	2
	880	WÂU	360	2	10	04	0	0	—	3.7	35	19	8
	941	JUBA	310	5	30	02	0	0	—	2.8	36	17	7

At 1800 on Tuesday 30th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms
SALÛM	200	6	15	00	0	0	—	8.7	16	32	-1	0
SÎDI BARÂNI	00	0	14	02	0	0	—	8.2	15	17	-11	0
MATRÛH	150	16	2	07	0	0	—	8.7	18	12	-12	0
EL DABʿA	00	0	7	00	0	0	—	9.5	14	55	5	0
ALEXANDRIA	130	17	35	00	0	0	—	11.8	17	52	7	0
FOUAD (Airport)	140	12	12	02	0	0	—	11.6	16	64	9	0
DAMIETTA	90	5	7	00	0	0	—	12.5	15	77	11	0
PORT SAʿÎD	110	9	14	02	0	0	—	13.4	16	88	14	0
EL ʿARISH												
DAMANHUR	130	5	15	02	0	0	—	13.3	16	59	8	0
MANṢURA	40	9		00	0	0	—	13.0	14	67	8	0
TANTA	00	0	35	02	0	0	—	13.9	15	48	4	0
ZAGAZIG	40	2	35	02	0	0	—	12.6	17	34	1	0
ISMAʿILIA	140	2	35	02	0	0	—	13.1	16	49	5	0
FAROUK (Airport)	160	10	12	00	0	0	—	11.8	16	36	1	0
ALMÂZA	170	12	12	00	0	0	—	12.9	19	23	-3	0
EZBEKÎYA	00	0	12	00	0	0	—	12.7	14	55	5	0
GÎZA	00	0	12	00	0	0	—	13.5	14	55	5	0
HELWÂN	00	0	7	02	0	0	—	13.0	19	9	-16	0
FAIYÛM	00	0	35	02	0	0	—	11.9	14	67	8	0
MINYA	130	2	8	00	0	0	—	11.8	15	36	0	0
ASYÛT MANQABÂD	160	6	8	00	0	0	—	12.7	15	55	6	0
NAGʿ HAMMÂDI	00	0	7	00	0	0	—	14.2	16	68	10	0
QENA	320	2	7	00	0	0	—	13.8	15	59	7	0
LUXOR	00	0	12	00	0	0	—	13.5	17	34	1	0
ASWÂN	00	0	50	00	0	0	—	11.9	24	47	12	0
SÎWA	00	0	10	00	0	0	—	9.6	16	42	3	0
BAHARÎYA	00	0	15	02	0	0	—	12.3	18	28	-1	0
FARAFRA	00	0	15	02	0	0	—	12.1	16	49	5	0
DAKHLA	320	6	50	00	0	0	—	11.5	22	16	-5	0
KHARGA	00	0	15	00	0	0	—	14.0	19	30	1	0
SUEZ	00	0	35	02	0	0	—	13.5	14	77	10	0
TÔR	40	1	35	00	0	0	—	14.7	15	39	1	0
HURGHÂDA	150	5	12	00	0	0	—	13.2	15	48	4	0
QUSEIR	360	9	15	02	0	0	—	14.8	19	83	16	0
PORT SÛDÂN	50	3	10	01	0	0	—	13.4	25	79	21	dr.
WÂDI HALFA	10	4	30	02	0	0	—	11.2	23	34	6	0
ABU HAMAD	20	2	30	02	0	0	—		26	32	8	0
KAREIMA	340	2	30	02	0	0	—	9.7	24	32	6	0
ʿATBARA	360	1	30	02	0	0	—	8.3	26	37	10	0
KHARTÛM	10	7	30	02	0	0	—	8.0	27	23	4	0
KASSALA	50	4	30	02	0	0	—	7.3	27	37	11	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	0	0	—	8.4	24	22	1	0
EL FÂSHER	40	3	30	01	0	0	—		23	27	3	0
GENEINA	00	0	10	02	0	0	—		24	26	3	0
MALAKÂL	360	3	30	01	2	7	Ac, Ci	6.6	27	35	10	0
WÂU	00	0	30	02	0	0	—	5.5	29	31	10	0
JUBA	00	0	30	02	1	3	Ci	5.4	27	33	9	0

At 0600 on Wednesday 31st January,

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb °C.	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	270	6	1.8	47	4	0	—	10.2		10	26		7		82	7	0	84	
SÎDI BARÂNI	220	6	12	00	0	0	—	9.5		8	26		7		62	1	0	96	
MATRÛH	180	8	15	00	0	0	—	9.6	-7.9	10	25		7		76	6	0	Rain	
EL DABʿA	00	0	15	00	0	0	—			12	26		7		88	10	0	32	
ALEXANDRIA	130	15	60	00	0	0	—	10.0	-8.2	13	24	+6	12	+2	44	1	0	39	145
FOUAD (Airport)	140	5	12	02	0	0	—	10.2		11	24		9		54	2	0	42	108
DAMIETTA	160	2	7	11	4	0	—	12.4	-4.7	14	20		11		67	8	0	Rain	70
PORT SAʿÎD	150	5	11	02	0	0	—	12.1	-5.0	13	19		12		67	7	0	8	
EL ʿARISH	140	5	35	02	0	0	—	12.9	-4.9	16			7	0	72	11	0	Rain	52
DAMANHÛR	130	9		02	0	0	—	12.3	-5.4	12	26	+6	10	+3	55	3	0	24	62
MANṢÛRA	140	5	35	00	0	0	—	12.6	-4.7	8	26	+6	7	0	88	6	0	20	29
TANṬA	160	8	35	02	0	0	—	12.8	-5.2	14	25	+5	6	0	27	-5	0	15	23
ZAGAZIG	140	3	35	02	0	0	—	13.1	-5.2	12	26	+6	6	0	55	3	0	Rain	15
ISMAÎLÎA	140	5	35	01	0	0	—	12.4		16	27		12		42	3	0	9	
FAROUK (Airport)	160	19	18	00	0	0	—	11.9		20	29		14		26	0	0	dr.	
ALMÂZA	200	15	12	00	0	0	—	11.3	-7.0	19	28		11		23	-3	0	1	
EZBEKÎYA	00	0	12	00	0	0	—	11.6	-6.7	13	28	+8	9	+1	38	-1	0	1	14
GÎZA	00	0	12	00	0	0	—	11.6	-6.6	12	29	+10	9	+4	44	0	0	2	15
HELWÂN	00	0	7	00	0	0	—	12.2	-6.7	15	27	+8	14	+6	20	-8	0	1	15
FAIYÛM	330	4	35	02	0	0	—	12.9	-5.9	12	27	+6	7	+1	44	0	0	dr.	4
MINYA	00	0	8	00	0	0	—	12.9	-6.3	12	27		4		55	3	0	0	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	13.4	-6.4	12	27		7		38	-2	0	dr.	
NAGʿ HAMMÂDI	00	0		01	1	3	Sc, Ac	14.0	-4.5	12	28		7		55	3	0	0.1	
QENA	130	1	15	03	1	4	Cu	14.2	-4.1	12	25	+2	7	0	33	-4	0	0	
LUXOR	00	0	30	00	0	0	—	13.1	-5.3	13	27		6		44	1	0	0	
ASWÂN	00	0	50	00	0	0	—	12.5	-6.1	18	28	+4	13	+3	62	8	0	0	
SÎWA	260	4	11	00	0	0	—	11.9	-8.2	6	30	+10	4	0	57	-2	0	dr.	6
BAHARÎYA	00	0	35	02	1	3	Ac	12.6	-6.7	14	28	+7	5	0	36	-1	0	0	5
FARAFRA	00	0	35	03	1	5	Ci	12.5		9	28		0		47	-2	0	0	
DAKHLA	150	3	50	00	0	0	—	13.6	-6.2	9	28	+6	4	-1	23	-11	0	0	
KHARGA	00	0	15	02	1	2	Ac	13.1	-5.9	11	29	+6	9	+3	63	4	0	0	
SUEZ	00	0	50	00	0	0	—	12.7	-5.2	14	23	+3	6	-3	67	8	0	0.3	10
TÔR	310	10	35	00	0	0	—	13.4	-4.1	13	25	+4	9	0	88	11	0	4	9
HURGHADA	190	5	30	03	0	3	Ac	12.2	-5.1	19	24		9		43	6	0	0	
QUSEIR	330	9	15	00	0	3	—	14.2	-2.7	17	24	+1	16	+2	68	11	0	dr.	4
PORT SÛDÂN	310	2	30	02	0	7	Sc	13.8		24	28		20		79	20	dr.	154	90
WÂDI HALFA	180	1	30	02	0	0	—	11.9		16	30		13		42	3	0	dr.	
ABU HAMAD	360	1	30	02	0	0	—			21	33		17		57	12	0		
KAREIMA	00	0	30	02	0	0	—	11.3		20	33		15		56	11	0	dr.	1
ʿATBARA	90	5	10	05	0	1	Ci	11.4			33					11	0	0.3	2
KHARTÛM	360	10	30	02	2	0	—	10.6		21	35		17		33	4	0	dr.	4
KASSALA											37								8
WÂD MEDANI																			12
RENK	300		35	02	0	0	—	9.0		25	36				34	8	0		49
ROSEIRES																			36
EL OBEID											34								16
EL FÂSHER											34								6
GENEINA											35								4
MALAKÂL	20	8	30	01	1	2	Ci	8.4		23	37		18		27	3	0	70	88
WÂU	00	0	18	02	0	4	Ci	8.1		19	37		18		64	12	0	144	144
JUBA											37								145

HUMIDITY % Mean of day

Station	on 30th	Diff. from normal
Alexandria	78	+12
Ezbekîya	60	-5
Gîza	63	-8
Helwân	15	-41

GÎZA GRASS MINIMUM TEMP. ON 31st 4.1°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 30th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	24		210	7
950					
900					
850	1494	13		220	8
800					
700	3085	1		220	24
600					
500	5913	-16		260	27
400	7360	-28		260	49
300	9358	-44		250	58

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 30th

Station	Fouad A.P.		Minya		Kharga		Siwa		Port Said		Dakhla		Hurghada		S.Barani				Port Said		Minya		Farouk		Fouad A.P.	
Time	14		14		14		14		14		14		14		14				20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	15	180	12	150	3	250	12	90	6	150	6	140	5	200	14			170	16	170	12	170	14	170	20
600	160	23	170	13	180	4	240	12	20	24	150	9	170	8	210	16			190	9	180	12	110	14	190	19
1000			120	10	250	3	230	16	20	9	150	8	110	3	210	20			200	9	150	14	170	10	190	29
1500			220	5			240	29	30	9			90	4					210	4	160	11	200	11	230	17
2000			260	4			230	36	280	7			250	10							160	9	150	10		
3000							220	26					240	12							260	5	150	28		
4000							230	47															130	15		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 31st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		4		2				7		2										8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			300	6	190	3	170	18			150	11	230	13									190	17
600			290	12	200	26	170	15			180	24	170	16									210	24
1000					210	23	180	16			190	24	170	17									210	43
1500					200	25	200	17			180	26	180	21									170	29
2000					190	18					200	22												
3000					220	13																		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		5		4				5		4		4	45	5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							70	3																
600							150	7	130	10	80	22			40	15	120	5						
1000							170	13	130	5	90	14			50	17	80	11	50	22	10	8		
1500									200	8					50	12		17	50	13	100	11		
2000															300	13			290	14				
3000									280	10	230	3			270	16			250	7	290	9		
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

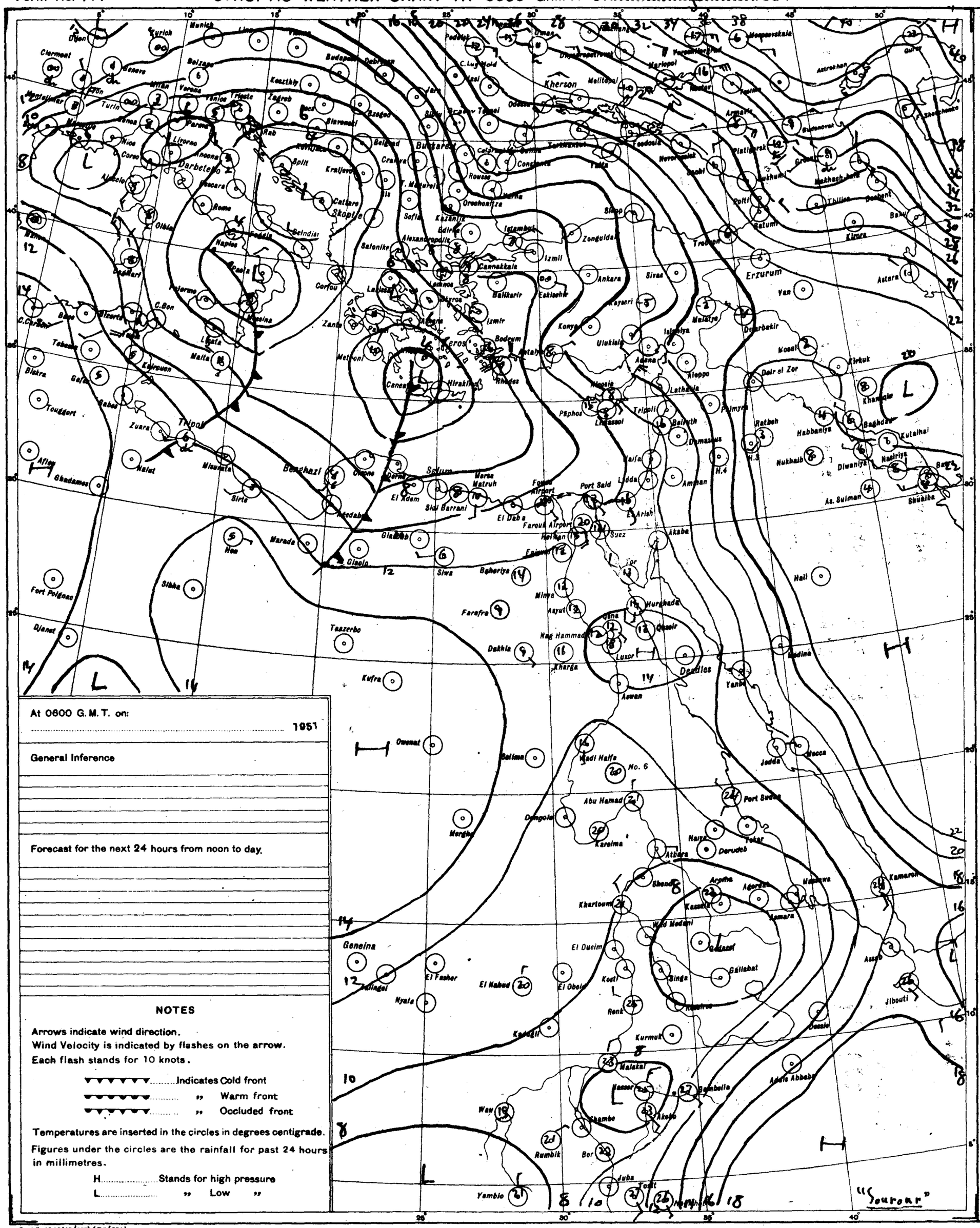
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 31/1 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91 / 93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 46 G.M.T.

" " Sunset 15 31 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 1st February, 1951

At 1200 on Wednesday 31st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	220	13	15	07?	3	0	—	8.2	20	17	-6
	303	SÎDI BARÂNI	280	8	12	05	0	0	—	7.1	20	23	-2
	306	MATRÛH	310	8	12	00	0	0	—	8.9	18	52	8
	309	EL DABA											
		ALEXANDRIA	220	11	50	00	0	0	—	8.4	20		
	318	FOUAD (Airport)	320	8	18	03	0	1	Cc	8.3	21	33	4
	330	DAMIETTA	140	2	35	00	0	0	—	9.5	23	44	10
	333	PORT SA'ÎD	90	9	30	03	0	1	Ci	9.2	19	73	14
	336	EL 'ARISH	140	5	35	02	0	0	—		23	24	1
Lower Egypt	339	DAMANHUR	230	13	15	02	0	0	—	8.6	28	22	4
	342	MANSURA	180	5	35	00	0	0	—	9.0	28	27	7
	348	TANTA	160	2	35	01	1	3	ac	8.6	27	27	6
	354	ZAGAZIG	220	4	50	02	0	0	—	8.7	27	33	9
	440	ISMAÎLIA	180	9	35	03	1	3	Ci	9.6	24	38	9
Cairo Area	366	FAROUK (Airport)	200	19	15	01	1	1	Ac	9.1	28	27	7
	372	ALMAZA	220	11	12	02	0	1	ac, Ci	8.6	28	12	-4
		EZBEKÎYA	220	8	18	00	0	0	—	8.3	28	22	4
		GÎZA	220	8	18	00	0	0	—	9.3	29	19	3
	378	HELWÂN	180	16	15	01	1	0	—	8.0	28	16	0
Upper Egypt	381	FAIYÛM	00	0	18	02	0	0	—		25	28	5
	387	MINYA	180	11	8	03	2	5	Ci	8.9	28	23	5
	393	ASYÛT MAMQABÂD	120	8	14	03	1	3	Ci	8.3	28	27	7
	399	NAG' HAMMÂDI	00	0	7	00	0	0	—	9.5	28	49	16
	402	QENA	90	1	50	04	1	4	Cu	9.6	28	22	4
	405	LUXOR	360	4	30	00	0	0	—	9.9	27	37	11
	414	ASWÂN	00	0	50	00	0	0	—	9.1	30	31	11
Oases	417	SÎWA	280	24	10	07	0	0	—	11.6	21	41	7
	420	BAHARÎYA	270	3	35	03	2	7	ac	9.8	27	15	-2
	423	FARAFRA	320	9	35	02	2	7	Cs	10.2	25	42	11
	432	DAKHLA	160	3	50	00	0	0	—	12.6	29	15	0
	435	KHARGA											
Red Sea	450	SUEZ	180	5	50	03	0	1	Sc	9.5	22	57	13
	459	TÔR	220	4	50	00	0	0	—	10.6	24	61	16
	462	HURGHADA	40	5	30	02	1	4	Ci	9.9	24	61	16
	465	QUSEIR	90	9	15	02	0	3	Ci	11.6	23	78	16
	641	PORT SÛDÂN	90	11	30	01	0	1	Cu	13.3	27	70	21
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	360	11	30	02	0	0	—		33	23	9
	660	KAREIMA											
	680	'ATBARA	360	5	30	02	0	0	—	5.4	32	22	6
	721	KHARTÛM	360	8	30	02	0	0	—	4.2	35	13	3
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	13	35	02	0	0	—	4.7	39	30	18
	771	EL OBEID	30	12	30	02	0	0	—	3.5	35	12	2
	760	EL FÂSHER	160	3	30	03	0	1	Ci		34	12	1
	770	GENEINA											
S. Sûdân	840	MALAKÂL	40	13	30	03	1	5	ac, Ci	2.0	38	11	3
	880	WÂU											
	941	JUBA	40	9	10	04	2	8	ac, Ci	1.4	37	17	8

At 1800 on Wednesday 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	250	9	15	00	0	0	—	11.1	14	36	-1	0
SÎDI BARÂNI	260	7	8	02	0	0	—	10.8	15	39	1	0
MATRÛH	240	5	10	00	0	0	—	11.0	14	55	5	0
EL DABA	00	0	7	00	0	0	—	11.2	13	77	9	0
ALEXANDRIA	310	11	35	00	0	0	—	11.1	16	77	12	0
FOUAD (Airport)	340	7	12	02	0	0	—	10.3	16	77	12	0
DAMIETTA	90	2	7	00	0	0	—	9.1	18	73	13	0
PORT SA'ÎD	200	6	14	02	0	1	Ci	9.1	17	56	10	0
EL 'ARISH	230	2	16	02	0	0	—	10.6	19	46	7	0
DAMANHUR	230	9	15	02	0	0	—	9.9	17	56	8	0
MANSURA	320	5		00	0	0	—	9.5	18	52	8	0
TANTA	00	0	35	02	1	0	—	10.6	14	55	5	0
ZAGAZIG	40	2	35	02	0	0	—	11.3	17	34	1	0
ISMAÎLIA	160	2	35	01	0	0	—	11.4	16	59	8	0
FAROUK (Airport)	190	10	12	00	0	0	—	10.3	21	44	8	0
ALMAZA	200	8	12	00	1	0	—	9.3	21	33	4	0
EZBEKÎYA	00	0	12	00	0	0	—	9.6	18	46	6	0
GÎZA	00	0	12	00	0	0	—	9.6	17	52	7	0
HELWÂN	00	0	7	01	1	0	—	9.9	21	33	4	0
FAIYÛM	00	0	35	02	0	0	—	10.6	16	59	8	0
MINYA	00	0	6	01	2	3	Ci	9.9	20	35	4	0
ASYÛT MAMQABÂD			8	01	1		Ci	9.5	22	36	6	0
NAG' HAMMÂDI	00	0		00	0	0	—	9.8	18	68	12	0
QENA	340	2	7	02	1	4	Cu	9.3	19	49	8	0
LUXOR	00	0	12	00	0	0	—	9.8	20	53	10	0
ASWÂN	00	0	50	00	0	0	—	10.5	25	42	11	0
SÎWA	210	3	8	06	0	0	—	13.9	14	65	5	0
BAHARÎYA												
FARAFRA	20	3	15	01	2	0	—	12.6	17	52	7	0
DAKHLA	270	6	50	00	0	0	—	11.1	26	18	0	0
KHARGA												
SUEZ	180	4	35	01	0	0	—	9.9	19	64	12	0
TÔR	130	4	15	00	0	0	—	10.5	20	64	13	0
HURGHADA	160	3	10	00	2	0	—	8.2	19	73	14	0
QUSEIR	40	9	15	01	0	0	—	11.9	22	83	19	0
PORT SÛDÂN	40	1	30	03	1	5	Sc	11.8	25	79	21	0
WÂDI HALFA	320	4	30	02	0	0	—	8.8	25	26	4	0
ABU HAMAD	350	3	30	02	0	0	—		27	28	7	0
KAREIMA	340	1	30	02	0	0	—	7.0	26	35	9	0
'ATBARA	00	0	30	02	0	0	—	7.5	25	42	11	0
KHARTÛM												
KASSALA	20	3	30	02	0	0	—	7.6	24	34	7	0
WÂD MEDANI												
RENK												
ROSEIRES	30	9	30	02	0	0	—	7.2	28	10	-7	0
EL OBEID												
EL FÂSHER	110	3	30	02	0	1	Ci		25	21	1	0
GENEINA												
MALAKÂL	360	7	50	02	2	8	Cs	4.0	29	23	6	0
WÂU	20	5	30	01	1	8	—	4.8	29	22	5	0
JUBA	00	0	30	01	2	3	Ci	3.9	29	37	13	0

At 0600 on Thursday 1st February

Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	13	15	00	0	0	—	14.6		9	21		7		71	4	0	84	
SÎDI BARÂNI	220	6	12	00	0	0	—	14.0		9			7		82	6	0	96	
MATRÛH	220	12	15	19	0	1	Sc	14.4	-3.1	10	19		8		76	6	0	Rain	
EL DABA	270	3	15	01	1	3	—			10	21		7		62	3	0	32	
ALEXANDRIA	310	11	50	03	1	4	Cu	14.4	3.8	16	24	+6	12	+2	59	8	0	39	147
FOUAD (Airport)	290	8	18	03	0	3	Cu	13.9		16	25		15		59	8	0	42	109
DAMIETTA	180	2	7	41	4	0	—	14.4	-2.7	10	24		8		88	8	0	Rain	71
PORT SA'ÎD	280	9	8	02	0	0	—	13.8	-3.1	14	23		12		88	12	0	8	
EL 'ARISH	220	9	35	02	0	0	—	14.7	-3.0	12	27	+8	12	+5	63	5	0	Rain	53
DAMANHÛR	230	5	7	02	0	0	—	15.1	-2.5	9	29	+9	8	+1	88	7	0	24	63
MANSÛRA	320	5	35	00	0	0	—	14.3	-3.0	9	29	+9	8	+1	88	7	0	20	30
TANTA	00	0	35	02	1	0	—	14.5	-3.4	9	27	+7	7	+1	95	9	0	15	24
ZAGAZIG	220	3	01	49	4	0	—	15.0	-3.3	9	26	+6	7	+1	95	9	0	Rain	16
ISMAÎLIA	220	2	35	01	0	0	—	14.7		12	26		10		88	10	0	9	
FAROUK (Airport)	250	2	6	02	2	7	Sc	15.3		12	29		8		95	12	0	Rain	
ALMÂZA	270	3	8	01	2	3	Sc	15.1	-3.1	12	28		10		88	10	0	1	
EZBEKÎYA	00	0	10	00	0	0	—	15.1	-3.1	12	29	+9	10	+2	94	11	0	1	15
GÎZA	00	0	10	00	0	0	—	14.8	-3.3	10	29	+10	6	+1	88	8	0	2	16
HELWÂN	00	0	3	10	4	8	ac	15.5	-3.4	12	28	+9	9	+1	88	10	0	1	16
FAIYÛM	00	0	15	00	0	0	—	16.7	-1.8	10	28	+7	6	0	76	6	0	dr.	5
MINYA	360	3	8	00	0	0	—	15.5	-3.6	8	29		4		50	-2	0	0	
ASYÛT MAMQABÂD	320	4	8	10	0	0	—	15.2	-4.6	11	28		8		38	-3	0	dr.	
NAG' HAMMÂDI	360	1	7	01	0	2	Sc	14.0	-4.4	12	29		9		36	-3	0	0.1	
QENA	270	2	15	02	1	4	Cu	12.8	-5.4	13	28	+5	7	0	44	1	0	0	
LUXOR	00	0	30	00	0	0	—	12.7	-5.7	15	30		9		30	-3	0	0	
ASWÂN											32	+8							
SÎWA	200	2	11	00	0	0	—	17.2	-2.8	7	22	+2	4	0	81	4	0	dr.	6
BAHARÎYA																			5
FARAFRA	30	20	35	03	0	0	—	17.3		10	26		6		62	3	0	dr.	
DAKHLA	340	8	15	00	0	0	—	15.8	-4.0	12	31	+9	10	+5	33	-4	0	0	
KHARGA	360	8	7	02	0	0	—	15.1	-3.9	16			9	+3	32	-1	0	0	
SUEZ	00	0	18	00	0	0	—	14.6	-3.2	11	23	+3	9	-1	88	9	0	0.3	11
TÔR	90	4	50	00	0	0	—	12.6	-4.9	16			9	0	68	10	0	4	10
HURGHADA	230	4	14	02	0	3	Cc	10.6	-6.6	17	25		12		68	11	0	0	
QUSEIR	90	5	15	00	0	0	—	11.8	-5.0	19	26	+3	17	+3	83	16	0	dr.	4
PORT SÛDÂN	310	12	30	01	2	0	—	12.6		24	27		20		74	19	0	154	91
WÂDI HALFA	10	1	30	02	0	0	—	12.8		15	33		12		48	4	0	dr.	
ABU HAMAD	50	1	30	02	0	0	—			20	34		16		41	6	0		
KAREIMA	00	0	30	01	0	0	—	9.9		18	34		15		68	12	0	0.3	1
'ATBARA											34								2
KHARTÛM	10	11	30	02	0	0	—	8.7		23	37		18		29	4	0	dr.	4
KASSALA	50	2	30	02	0	0	—	7.7		22	38		15		69	16	0	dr.	8
WÂD MEDANI	00	0	35	02	0	0	—	8.7		21					41	7	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID	00	0	30	03	0	1	Ci	10.1		17	36		11		28	-2	0	7	16
EL FÂSHER	360	5	30	01	0	0	—			13	35		11		34	-3	0	6	6
GENEINA	70	1	30	02	0	0	—			13	36		11		41	0	0		4
MALAKÂL											39								88
WÂU	00	0	10	04	0	3	ac	8.5		21	38		17		47	9	0	144	184
JUBA	00	0	10	04	2	7	sc, ac	6.9		27	38		21		42	13	0	192	186

HUMIDITY % Mean of day

Station	on 31st	Diff. from normal
Alexandria	52	-14
Ezbeklya	36	-29
Giza	34	-31
Helwân	24	-31

GÎZA GRASS MINIMUM TEMP. ON 1st 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 31st At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	26	15	240	13
950					
900					
850	1560	14	13	200	26
800					
700	3159	1		220	25
600					
500	5762	-18		220	39
400	7389	-30		240	62
300	9392	-42		240	87

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 31st

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Huighuda Dir.	Huighuda Vel.	Siwa Dir.	Siwa Vel.	Farouk Dir.	Farouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		20		20		20		20	
300	340	22	130	10	280	28	290	17	310	18	340	23	220	18
600	250	34	150	9	280	25	270	14	310	22	330	22	220	19
1000	210	34	160	11	290	28	240	17	290	24	210	8	220	9
1500	150	35	180	24	290	33	220	21	250	21	230	6	220	27
2000			200	7			210	21			250	14	210	26
3000			210	17			240	31						

UPPER WIND OBSERVATIONS on 1st

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Mamqabâd Dir.	Asyût Mamqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					2		2										4 15							
300					310	17	290	12									340	7						
600					300	17	320	16									320	9						
1000					300	17	300	18									330	9						
1500					300	17	260	18									320	6						
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									5		5				4								4	
300									20	10														
600									20	17	70	17			20	20							40	20
1000									10	7	90	13			20	20							30	32
1500									300	7	120	16			50	5							50	27
2000									280	6														
3000									230	14	250	10											80	12
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

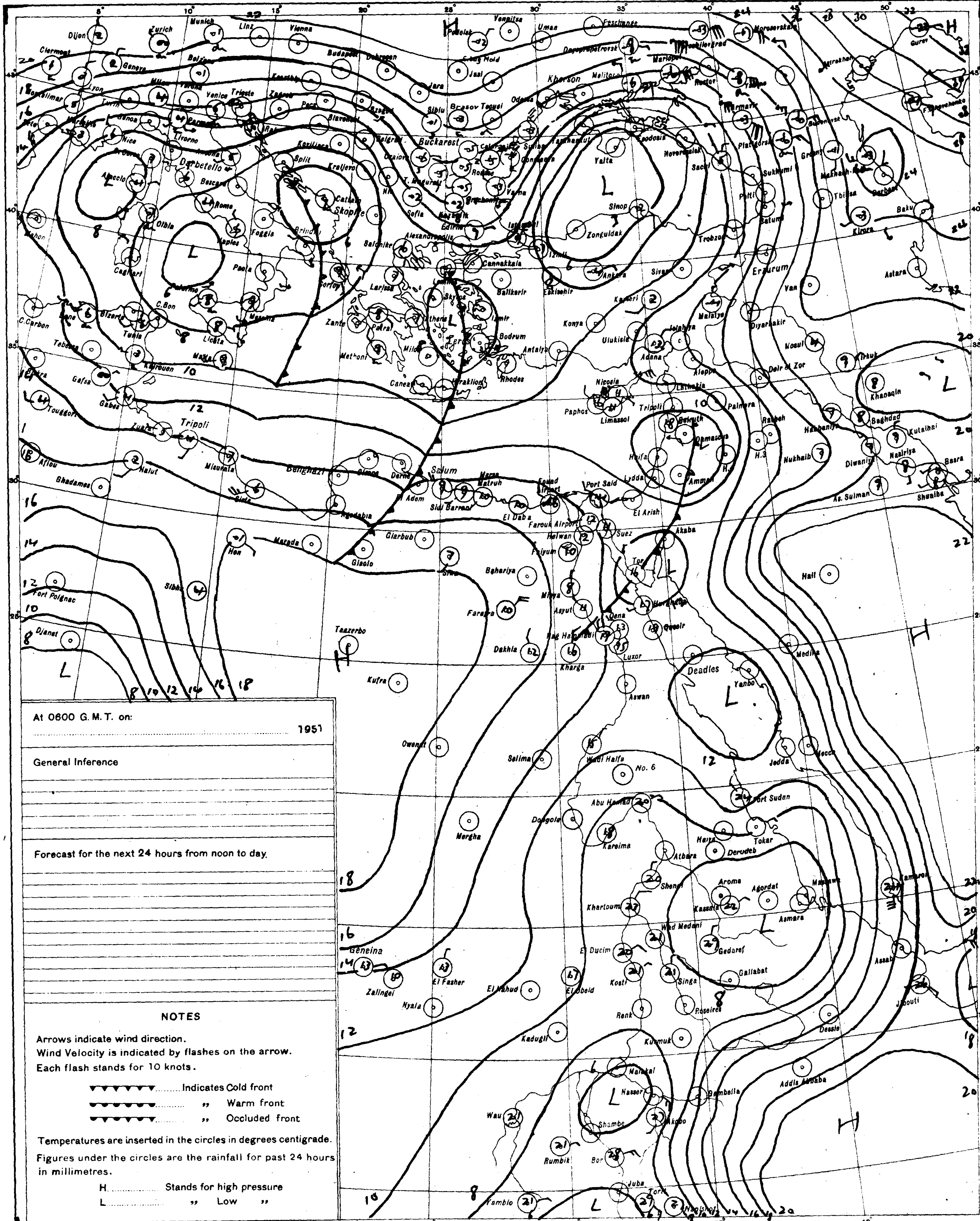
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 1-2-1951*



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	
	State of sky generally unchanged	02	
	Clouds developing	03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 45 G.M.T.

" " Sunset 15 32 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 2nd February, 1951

At 1200 on Thursday 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	210	5	35	03	2	6	Cu, Ci	13.4	20	41	6
	303	SÎDI BARÂNI	170	6	18	03	0	2	Cu, Ci	13.6	17	56	8
	306	MATRÛH	310	12	15	03	1	1	Cu	14.2	17	60	9
	309	EL DAB'A	320	5	35	00	0	0	—		18	37	3
		ALEXANDRIA	310	10	50	02	2	3	Cu	14.2	20	30	3
	318	FOUAD (Airport)	320	10	18	02	1	3	Cu	14.3	19	52	9
	330	DAMIETTA	340	5	35	03	0	1	ac	14.0	18	68	10
	333	PORT SA'ÎD	350	3	10	02	0	1	Sc	13.8	18	73	13
	336	EL 'ARISH	320	9	35	02	0	0	—	15.8	18	73	13
LOWER EGYPT	339	DAMANHUR	310	5	15	02	1	3	Cu	15.2	19	46	7
	342	MANSURA	320	5	35	02	1	3	Cu	14.3	21	50	10
	348	TANTA	310	2	35	01	1	4	Cu, Sc	15.2	20	46	8
	354	ZAGAZIG	220	3	35	03	2	3	ac	14.3	21	50	10
	440	ISMA'ÎLIA	340	5	35	03	1	4	Ci	13.8	21	41	7
CAIRO AREA	366	FAROUK (Airport)	320	5	8	05	1	2	ac, Ci	14.5	19	46	7
	372	ALMÂZA	340	9	12	02	0	1	Sc	13.8	19	46	7
		EZBEKÎYA	330	8	18	00	0	3	Ci	13.8	20	43	7
		GÎZA	330	8	18	00	0	3	Ci	13.9	20	41	6
	378	HELWÂN	320	3	7	03	0	4	ac	13.4	19	37	4
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	14.3	20	33	3
	387	MINYA	10	8	8	00	0	0	—	13.5	22	27	2
	393	ASYÛT MANQABÂD	320	8	8	10	1	4	Ci	12.5	21	41	7
	399	NAG' HAMMÂDI	00	0	15	01	0	4	ac	11.8	24	38	9
	402	QENA	240	3	50	03	1	5	Cu	10.3	25	28	5
	405	LUXOR	20	4	30	00	0	0	—	9.7	26	21	2
	414	ASWÂN	330	4	50	00	0	0	—	9.5	29	18	2
OASES	417	SÎWA	290	9	12	03	1	7	ac, Ci	17.4	18	56	9
	420	BAHARÎYA	360	5	35	03	2	7	ac	16.1	19	30	1
	423	FARAFRA	340	5	35	02	2	4	Cs	15.8	19	52	9
	432	DAKHLA	340	11	35	00	0	0	—	11.4	21	26	1
	435	KHARGA	360	6	7	03	1	2	Ci	13.1	23	18	-3
RED SEA	450	SUEZ	360	6	50	02	0	0	—	12.8	20	33	3
	459	TÛR	310	10	50	00	0	0	—	11.5	23	50	12
	462	HURGHADA	330	12	30	02	1	5	Cs	9.6	22	69	16
	465	QUSEIR	40	9	15	02	0	3	Ci	10.8	23	83	20
	641	PORT SÛDÂN	110	10	30	02	0	2	Cu, ac	5.6			
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA	70	5	30	02	0	0	—				9
	680	'ATBARA	340	5	30	02	0	0	—	4.7	33	19	6
	721	KHARTÛM	360	8	30	02	0	0	—		35	8	-4
	780	KASSALA	90	4	30	02	0	0	—		38	21	12
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	2.3	36	13	4
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	10	30	02	0	0	—	3.3	35	7	-8
	760	EL FÂSHER	110	4	30	02	0	0	—		34	12	1
	770	GENEINA	50	4	30	02	0	0	—		33	11	-1
S. SÛDÂN	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Thursday 1st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	270	2	15	00	0	0	—	14.6	14	67	8	0
SÎDI BARÂNI	00	0	12	01	0	1	Sc	14.5	14	72	9	0
MATRÛH	250	4	10	01	0	1	Sc, Cu	15.5	12	77	8	0
EL DAB'A	00	0	7	00	0	0	—	15.7	11	77	7	0
ALEXANDRIA	360	6	35	00	0	0	—	15.9	16	59	8	0
FOUAD (Airport)	360	4	12	01	1	0		15.6	14	83	11	0
DAMIETTA	320	2	7	00	0	0	—	15.5	14	88	12	0
PORT SA'ÎD	00	0	10	05	0	0	—	15.4	16	82	13	0
EL 'ARISH												
DAMANHUR	310	5	15	02	1	1	Cu	16.0	15	68	9	0
MANSURA	360	5		00	1	0	—	16.2	15	68	9	0
TANTA	00	0	35	01	1	3	Cu, Sc	16.4	13	77	9	0
ZAGAZIG	40	2	15	02	1	0	—	15.6	15	77	11	0
ISMA'ÎLIA	20	5	35	02	1	6	Ci	16.7	16	49	5	0
FAROUK (Airport)	40	3	12	02	2	6	ac	15.3	16	68	10	0
ALMÂZA	60	3	12	02	0	6	Ac	15.0	17	52	7	0
EZBEKÎYA	00	0	10	02	1	4	Cu	14.7	17	56	8	0
GÎZA	00	0	10	02	1	4	Cu	15.2	14	77	10	0
HELWÂN	340	3	7	01	2	1	ac	15.1	17	52	7	0
FAIYÛM	00	0	35	02	0	0	—	15.6	16	59	8	0
MINYA	00	0	8	02	2	6	ac	14.6	14	59	6	0
ASYÛT MANQABÂD	260	2	6	10	1	4	Ci	13.8	16	52	6	0
NAG' HAMMÂDI	00	0		02	0	6	ac	10.7	18	73	13	0
QENA	270	2	7	02	1	5	Cu	11.6	19	46	7	0
LUXOR	280	6	12	00	0	0	—	11.6	17	34	1	0
ASWÂN	00	0	50	00	0	0	—	10.8	24	25	3	0
SÎWA	00	0	10	01	1	1	Ci	16.6	10	77	6	0
BAHARÎYA	00	0	15	02	1	0	—	16.0	14	55	5	0
FARAFRA	360	5	15	01	2	0	—	15.8	13	67	7	0
DAKHLA	340	6	50	00	0	0	—	15.8	16	32	-1	0
KHARGA	00	0	15	00	0	0	—	14.3	17	26	-3	0
SUEZ	360	3	35	02	0	0	—	14.8	16	46	5	0
TÛR	360	1	15	00	0	0	—	12.8	20	56	11	0
HURGHADA	280	4	10	00	2	0	—	10.7	20	56	11	0
QUSEIR	40	5	15	01	1	0	—	12.0	22	83	19	0
PORT SÛDÂN	120	7	30	02	0	0	—	10.2	26	83	23	0
WÂDI HALFA	360	2	50	02	0	0	—	9.9	23	20	-1	0
ABU HAMAD												
KAREIMA	20	3	30	02	0	0	—	7.0	27	28	7	0
'ATBARA	360	2	30	02	0	0	—	6.8	26	32	8	0
KHARTÛM	20	8	30	02	0	0	—	6.7	29	17	1	0
KASSALA	10	2	30	02	0	0	—	4.8	27	42	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	5	30	02	0	0	—	5.4	26	13	-5	0
EL FÂSHER												
GENEINA	00	0	30	03	0	1	Ci		25	19	0	0
MALAKÂL	10	4	30	01	1	2	Ci	3.2	28	23	5	0
WÂU	00	0	30	02	0	0	—	2.9	30	27	9	0
JUBA	00	0	30	01	2	4	ac	2.5	31	41	17	0

At 0600 on Friday 2nd February

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	03	1	4	Ci	14.7		10	20		8		50	0	0		
SÎDI BARÂNI	220	8	14	00	0	0	—	14.7		9	18		7		62	2	0		
MATRÛH	190	10	15	02	1	2	Sc, Ci	15.5	-1.9	9	18		7		83	6	0		
EL DAB'A	00	0	15	00	0	0	—			9	19		5		62	2	0		
ALEXANDRIA	130	6	50	03	1	4	Cu	16.0	-2.2	13	20	+2	11	+1	77	9	0		148
FOUAD (Airport)	220	3	12	03	4	4	Ci, ac	15.9		11	20		6		88	9	0		110
DAMIETTA	140	2	7	41	4	1	Cu	16.8	-1.2	12	19		8		95	12	0		71
PORT SA'ÎD	200	2	8	03	1	6	Cu, Sc	15.2	-1.7	16	20		14		88	14	0		
EL 'ARISH	140	2	35	03	0	1	Cu	15.9	-1.8	13			9	+2	77	9	0		53
DAMANHÛR/MANSÛRA	300	15	15	28	4	3	ac	16.8	-0.8	11	20	0	9	+2	77	7	0		63
TANTA	90	5	15	00	4	0	—	15.4	-1.8	8	23	+3	7	0	95	8	0		30
ZAGAZIG	00	0	35	01	1	3	Cu, Sc	17.1	-0.7	9	21	+1	5	-1	88	7	0		24
ISMA'ÎLIA	140	2	15	28	4	3	Ci	16.4	-1.8	7	23	+3	6	0	95	7	0		16
FAROUK (Airport)	20	2	35	03	1	6	ac	15.8		13	22		9		77	9	0		
ALMÂZA	00	0	35	03	0	3	ac	15.9		11	20		7		83	8	0		
EZBEKÎYA	90	3	12	02	0	2	ac	15.7	-2.4	9	19		8		83	6	0		15
GÎZA	330	3	0.03	04	8	9	—	15.6	-2.5	11	21	+1	9	+1	83	8	0		16
HELWÂN	330	3	0.03	04	8	9	—	16.0	-2.0	7	21	+2	6	+1	95	7	0		16
FAIYÛM	00	0	7	01	2	4	ac	15.6	-3.2	12	20	+1	10	+2	77	8	0		16
MINYA	00	0	15	03	1	2	ac	17.0	-1.4	10	22	+1	8	+2	88	8	0		5
ASYÛT MANQABÂD	340	8	6	02	2	7	ac, Cs	16.1	-2.9	11	22		9		59	4	0		
NAG' HAMMÂDI	320	4	6	10	1	7	ac	15.0	-4.7	12	22		10		67	6	0		
QENA	00	0	7	02	0	5	—	14.8	-3.5	13	28		5		55	4	0		
LUXOR	270	2	15	01	1	4	Cu	13.7	-4.5	13	27	+4	8	+1	44	1	0		
ASWÂN	20	4	18	00	0	0	—	13.1	-5.2	12	30		8		59	4	0		
SÎWA	350	3	50	00	0	0	—	13.2	-5.4	16	30	+6	13	+3	42	3	0		
BAHARÎYA	00	0	9	03	2	6	ac	17.4	-2.6	5	19	-1	2	-2	81	2	0		6
FARAFRA	00	0	35	02	2	7	ac	16.8	-2.3	11	20	-1	7	+2	77	7	0		6
DAKHLA	200	3	35	02	2	7	cc	16.6		7	20		5		67	-1	0		
KHARGA	00	0	50	03	2	3	Ci	15.9	-3.8	11	22	0	6	+1	41	-2	0		
SUEZ	00	0	7	03	1	3	ac	14.6	-4.3	13	24	+1	7	+1	55	4	0		
TÛR	310	3	50	00	0	0	—	14.7	-3.1	13	21	+1	10	0	77	9	0		11
HURGHADA	40	1	50	00	0	0	—	12.6	-4.6	15	23	+2	13	+4	48	4	0		10
QUSEIR	240	9	30	02	2	6	ac	12.9	-4.2	16	24		13		45	4	0		
PORT SÛDÂN	330	9	15	00	0	0	—	13.1	-3.7	18	26	+3	17	+3	52	8	0		4
WÂDI HALFA											29								91
ABU HAMAD																			
KAREIMA											30								
'ATBARA																			1
KHARTÛM	240	2	30	02	0	0	—	9.5		22	34		16		44	9	0		2
KASSALA	20	10	30	02	0	0	—	8.4		23	36		18		32	5	0		4
WÂD MEDANI	210	3	30	02	0	0	—	7.2		23	39		18		65	16	0		8
RENK																			12
ROSEIRES																			49
EL OBEID																			36
EL FÂSHER	350	3	30	03	0	2	Ci	10.2		19	36		15		26	-1	0		16
GENEINA																			6
MALAKÂL											36								4
WÂU											38								88
JUBA											39								145
											38								146

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	57	-10
Ezbekiya	70	+5
Giza	79	+9
Helwân	71	+16

GÎZA GRASS MINIMUM TEMP. ON 2nd 2.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 1st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	122	10	43	360	7
850					
900					
850	1483	6	49	330	6
800					
700	3058	1		270	20
600					
500	5690	-16		270	56
400	7343	-26		260	85
300	9358	-47		260	4

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Height m.	Siwa Dir.	Siwa Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	S. Barani Dir.	S. Barani Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.					Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
300	280	5	320	8	350	16	300	11	350	10	10	17	10	8	300	5	330	9					350	4	30	17
600	290	4	320	7	240	16	300	8	360	9	20	23	350	10	260	9	320	7					280	4	90	21
1000	290	5	320	8	300	11	260	3	20	10	30	22	340	10	260	14	330	4					300	10		
1500	280	10	290	11	270	5	230	13			350	11	290	10	260	16	330	4					280	17		
2000	280	10	290	10	250	14	260	16					310	9	260	13	260	7							60	4
3000	260	20					230	15							240	18										
4000	260	20													240	15										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time	7	45	8		8		3						2	15	8		8	15					2	
300	250	8	260	2	180	8	20	8					360	22	350	3	30	4					60	18
600	220	7	300	2	250	2	50	9					10	16	340	12	190	6					60	16
1000	210	6	220	5	280	4	50	8					10	8	340	12	230	7					50	16
1500	190	7	180	11	280	7							290	15	260	16	270	5					30	14
2000	250	13	240	3	240	14									260	22							330	2
3000	250	20	250	17	290	17																		
4000	250	34	240	27	290	30																		
5000	250	41			260	38																		
6000					270	29																		
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8		8		8		8		5										5				4	
300	10	8	320	6	30	5	20	15	60	12														
600	70	6	330	8	40	9	10	17	50	10													40	13
1000	170	10	340	9	20	6	360	10	20	7									20	23			20	29
1500	180	12			260	9	300	10	360	3									40	8			40	17
2000	210	13			240	25													340	10				
3000	250	30																	260	5				
4000																			190	11				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

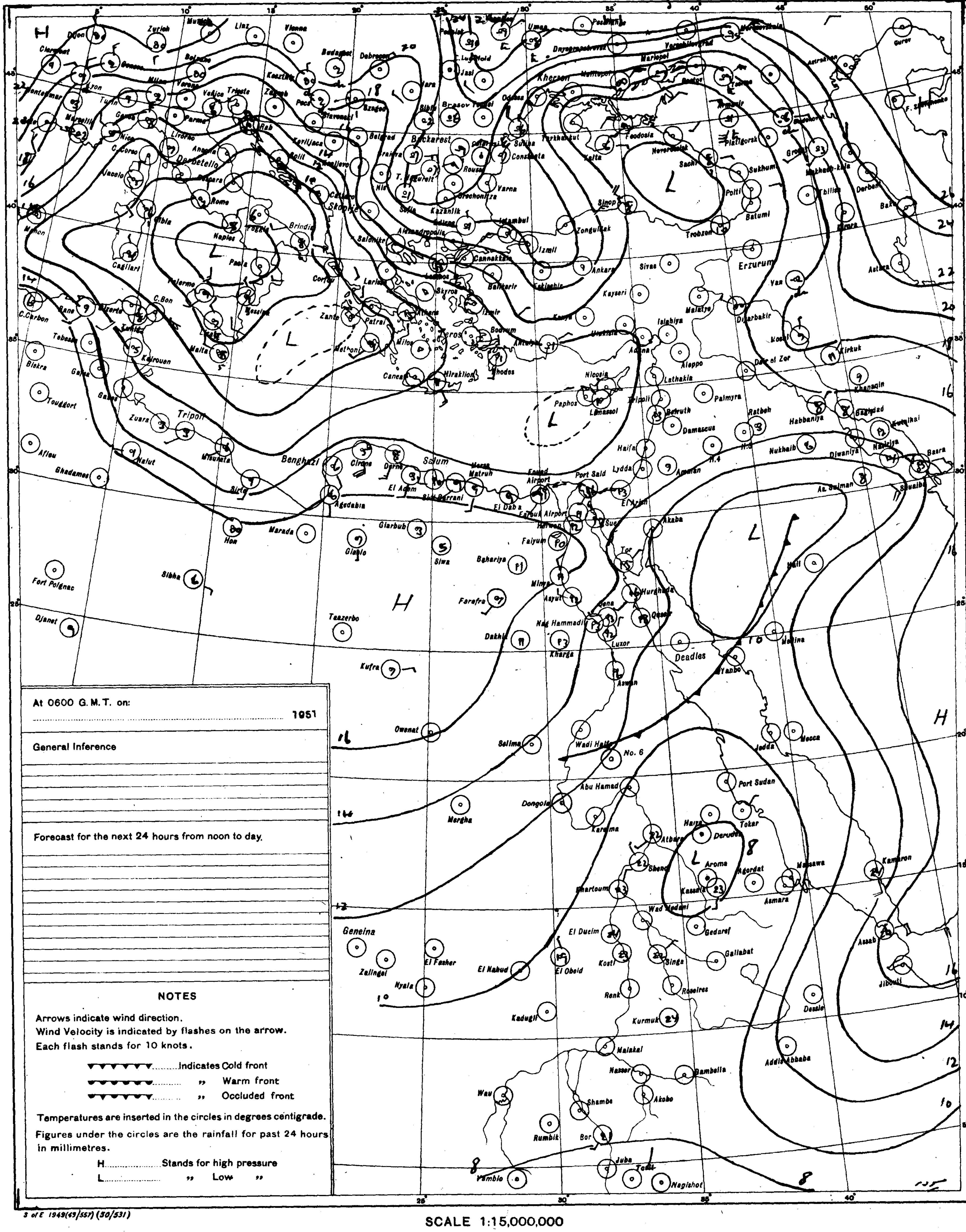
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 2.12 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●......... ,, Warm front
▼●▼●▼●▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H...................Stands for high pressure
L................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 04 45 G. M. T.

" " Sunset 15 33 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 3rd February, 1951

At 1200 on Friday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	200	5	15	00	0	0	—	13.4	20	24	-1
	303	SÎDI BARÂNI	320	10	18	01	0	0	—	13.2	17	42	4
	306	MATRÛH	250	6	15	01	2	3	Ac	13.8	18	46	2
	309	EL DABA	320	7	35	01	1	2	Cu	14.9	18	37	3
		ALEXANDRIA	270	10	50	02	2	3	Cu	14.3	19	52	9
	318	FOUAD (Airport)	320	10	18	01	1	5	Cu, Ci	14.5	19	43	6
	330	DAMIETTA	20	2	7	03	2	7	Sc	15.1	17	60	9
	333	PORT SAÏD	360	4	18	01	1	3	Sc, Ci		17	72	12
	336	EL 'ARISH											
Nile Delta	339	DAMANHUR	40	5	15	02	1	2	Cu	15.2	19	49	8
	342	MANSURA	40	5	35	02	1	3	Cu	14.4	22	44	9
	348	TANTA	310	5	35	03	2	5	Sc	13.7	20	46	8
	354	ZAGAZIG	140	3	35	03	1	3	Cu, Ac	13.8	21	50	10
	440	ISMAÏLIA	340	5	35	03	1	6	Cu	14.2	19	46	7
Nile Valley	366	FAROUK (Airport)	60	10	14	03	2	7	Cu, Ac	14.2	19	40	7
	372	ALMAZA	70	5	15	03	2	7	Ac	13.8	19	46	7
		EZBEKIYA	40	5	18	02	1	6	Sc, Cu	13.1	20	41	6
		GIZA	40	5	18	02	1	6	Sc, Cu	13.6	19	46	7
	378	HELWÂN	20	5	15	03	1	7	Sc, Ac	13.4	19	37	4
Upper Egypt	381	FAIYÛM	360	4	35	03	2	5	As	13.3	20	46	8
	387	MINYA	350	7	8	02	2	7	Ac, Ci	13.7	19	40	5
	393	ASYÛT MANQABÂD	320	4	6	10	2	7	Ac	12.4	21	41	7
	399	NAG' HAMMÂDI	340	2	15	00	0	0	—	11.8	24	38	9
	402	QENA	270	1	50	00	0	0	—	9.4	26	25	4
	405	LUXOR	220	1	30	00	0	0	—	10.7	26	21	2
	414	ASWÂN	20	4	50	00	0	0	—	10.2	28	31	9
Oases	417	SÎWA	00	0	12	02	2	6	Ac, Ci	16.0	20	46	8
	420	BAHARIYA	360	3	35	02	2	7	Ac	14.4	20	46	8
	423	FARAFRA	90	3	35	02	2	8	Ac	14.9	20	56	11
	432	DAKHLA	360	3	50	00	0	0	—	11.9	23	32	5
	435	KHARGA	40	2	7	00	0	0	—	12.8	24	26	3
Red Sea	450	SUEZ	360	3	50	03	1	6	Sc	12.4	25	17	-2
	459	TÛR	310	5	50	00	0	0	—	11.5	21	57	12
	462	HURGHADA	340	9	30	03	2	7	Ac	10.0	21	53	11
	465	QUSEIR	20	13	15	02	1	2	Ci	12.4	23	61	15
	641	PORT SUDÂN	70	12	30	02	1	1	Cu	8.0	27	70	21
North Sudan	600	WÂDI HALFA	360	14	30	02	0	1	Ci	8.8	29	12	-3
	640	ABU HAMAD	310	3	35	03	0	2	Ci				7
	660	KAREIMA	90	9	35	02	2	4	Cc	7.5			
	680	'ATBARA	310	3	10	07	0	3	Ci	4.4	35	19	8
	721	KHARTÛM	20	13	30	03	0	2	Cs	3.7	36	27	14
	730	KASSALA	360	3	30	02	0	0	—	1.3	37	24	13
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	7	30	02	0	3	Ci	3.5	34	9	-3
	760	EL FÂSHER	70	5	30	03	1	7	Cs		33	20	7
	770	GENEINA	50	4	30	03	2	7	Cs		35	12	1
S. Sudan	840	MALAKÂL	290	5	30	02	2	7	Ac, Cs	3.6	36	13	4
	880	WÂU	200	9	30	03	2	7	Cu, Ac	5.4	32	41	17
	941	JUBA	360	5	30	03	1	6	Cu	2.7	36	33	17

At 1800 on Friday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	250	5	15	00	0	0	—	13.3	15	30	-3	0
SIDI BARÂNI	140	2	12	02	0	0	—	13.4	11	54	2	0
MATRÛH	50	1	10	00	0	0	—	14.5	12	63	5	0
EL DABA	00	0	7	00	0	0	—	14.8	11	63	4	0
ALEXANDRIA	360	5	35	00	0	0	—	15.4	15	59	7	0
FOUAD (Airport)	360	7	12	02	0	0	—	15.0	11	77	7	0
DAMIETTA	320	2	7	01	0	0	—	15.2	13	88	11	0
PORT SAÏD	30	3	18	02	0	1	Ac	14.7	16	82	13	0
EL 'ARISH	320	2	15	03	0	1	Cu	17.3	15	77	11	0
DAMANHUR	40	5	15	02	1	2	Cu	15.6	12	77	8	0
MANSURA	40	5		00	1	0	—	15.4	14	77	10	0
TANTA	00	0	35	01	2	2	Sc	16.0	13	67	7	0
ZAGAZIG	00	0	35	03	1	4	Cu	15.1	15	68	9	0
ISMAÏLIA	20	5	35	01	0	0	—	14.8	15	66	9	0
FAROUK (Airport)	360	7	12	02	2	5	Ac	15.1	16	64	9	0
ALMAZA	40	6	10	02	2	6	Ac, Cs	14.8	16	59	8	0
EZBEKIYA	330	2	12	02	1	5	Sc, Cu	14.6	16	59	8	0
GIZA	330	2	12	02	1	5	Sc, Cu	15.0	16	59	8	0
HELWÂN	00	0	7	20	5	8	Sc, Ac	14.7	17	52	7	dr.
FAIYÛM	00	0	35	01	2	3	Ac	15.0	15	63	8	0
MINYA	80	2	8	02	2	7	Ac	15.0	15	59	7	0
ASYÛT MANQABÂD	290	8	6	10	2	7	Ac	14.6	16	59	8	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	13.1	18	73	13	0
QENA	320	2	7	00	0	0	—	12.7	20	41	6	0
LUXOR	00	0	12	00	0	0	—	12.1	18	34	2	0
ASWÂN	00	0	50	00	0	0	—	11.2	23	47	11	0
SÎWA												
BAHARIYA	00	0	15	02	1	0	—	15.1	15	59	7	0
FARAFRA												
DAKHLA	00	0	50	00	0	0	—	13.6	19	37	4	0
KHARGA	00	0	15	00	0	0	—	13.1	18	37	3	0
SUEZ	360	5	35	01	0	0	—	14.3	16	49	5	0
TÛR	310	3	15	00	0	0	—	12.7	20	46	8	0
HURGHADA	300	11	12	00	1	0	—				12	0
QUSEIR	20	9	15	02	1	2	Ci	12.8	21	74	16	0
PORT SUDÂN	90	3	30	01	0	0	—	10.9	25	79	21	0
WÂDI HALFA	310	7	30	02	0	0	—	10.2	22	25	1	0
ABU HAMAD	360	1	30	02	1	3	Ci		26	25	4	0
KAREIMA	340	5	30	02	0	0	—	8.3	26	21	2	0
'ATBARA	00	0	30	01	1	2	—	6.3	28	29	8	0
KHARTÛM	350	7	30	01	1	1	Ci	6.1	28	23	5	0
KASSALA	70	3	30	02	0	0	—	5.6	25	42	11	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	80	8	30	01	2	7	Cs		27	19	1	0
EL FÂSHER	340	1	30	01	2	4	Ci		24	30	5	0
GENEINA												
MALAKÂL	230	4	30	01	2	2	Ci	5.7	28	31	9	0
WÂU	200	5	30	01	2	7	Ac, Ci	5.9	30	38	14	0
JUBA	00	0	10	04	6	2	Ac	5.4	27	62	19	0.5

At 0600 on Saturday 3rd February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	5	15	00	0	0	—	13.9		12	20		8		44	0	0	84	
SIDI BARÂNI	210	5	14	00	0	0	—	13.3		8	18		5		46	-3	0	96	
MATRÛH	70	1	12	03	0	3	Sc	14.8	-2.5	5	20		4		61	-2	0	Rain	
EL DABA	200	5	15	01	1	0	—			9	20		5		71	4	0	32	
ALEXANDRIA	130	5	35	04	1	3	Sc, Cu	15.5	-2.6	12	19	0	10	0	77	8	0	39	149
FOUAD (Airport)	220	3	12	03	0	3	Ac	15.6		10	19		7		94	9	0	42	111
DAMIETTA	140	2	7	41	4	1	Ac	16.0	-1.0	10	19		7		95	10	0	Rain	72
PORT SAÏD	00	0	12	02	1	4	Ac, Ci	15.5	-1.4	16	20		12		77	12	0	8	
EL 'ARISH	160	2	35	03	2	6	Sc	16.6	-1.0	13			8	+1	77	9	0	Rain	54
DAMANHUR	230	5		02	0	0	—	16.4	-1.1	10	20	0	6	-1	88	8	0	24	64
MANSURA	320	5	35	02	1	3	Ac	16.2	-1.0	8	23	+3	6	-1	95	8	0	20	30
TANTA	00	0	35	03	2	6	Sc	16.8	-0.9	6	20	0	4	-2	95	6	0	15	24
ZAGAZIG	140	1	3	28	4	3	Ci	16.0	-2.1	9	22	+2	5	-1	88	7	0	Rain	16
ISMAÏLIA	90	2	35	03	2	8	Ac	16.0		12	22		10		88	10	0	1	
FAROUK (Airport)	100	8	12	03	2	5	Cs	16.1		12	20		10		88	10	0	dr.	
ALMAZA	130	9	12	03	2	6	Cs	15.2	-2.9	12	19		10		77	8	0	1	
EZBEKIYA	00	0	12	02	1	5	Sc	15.6	-2.5	13	20	0	10	+2	77	9	0	1	15
GIZA	00	0	12	02	1	5	Sc	15.8	-2.2	9	21	+2	6	0	88	7	0	2	16
HELWÂN	20	12	15	00	2	7	Ac, Cs	16.4	-3.4	13	20	+1	11	+3	77	9	dr.	1	16
FAIYÛM	360	5	35	03	2	7	As	16.7	-1.7	12	21	0	9	+3	77	8	0	dr.	5
MINYA	360	3		02	2	7	Ac	14.9	-4.0	11	20		9		77	7	0	0	
ASYÛT MANQABÂD	330	4	6	10	1	2	Ac	14.9	-5.0	12	21		9		63	5	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	14.7	-3.6	12	24		7		55	3	0	0	
QENA	360	2	15	00	0	0	—	13.5	-4.6	12	26	+2	8	+1	55	3	0	0	
LUXOR	00	0	30	00	0	0	—	13.9	-4.3	12	28		6		51	2	0	0	
ASWÂN	350	3	50	00	0	0	—	13.5	-5.1	17	29	+5	12	+2	37	2	0	0	
SÎWA	00	0	10	03	2	6	Ac	15.8	-4.2	5			3	-1	81	2	0	dr.	6
BAHARIYA	00	0	35	02	2	7	Ac	15.2	-3.9	15	20	-1	11	+6	52	5	0	0	6
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	13.5	-6.1	8	25	+2	6	+1	46	-3	0	0	
KHARGA	360	1	15	00	0	0	—	13.9	-4.9	13	24	+1	9	+3	44	1	0	0	
SUEZ	360	3	50	00	0	5	Sc	15.1	-2.6	13	25	+5	10	0	77	7	0	0.3	11
TÛR	360	3	50	00	0	0	—	13.8	-3.6	15	22	+1	15		59	7	0	4	10
HURGHADA	240	10	30	01	2	2	Ac	12.3	-4.6	16	21		13		49	5	0	0	
QUSEIR	330	9	15	02	0	0	—	13.6	-3.1	16	25	+2	15	+1	77	12	0	dr.	4
PORT SUDÂN	310	2	30	01	1	2	Sc, Cu	12.0		24	28		21		84	21	0	154	91
WÂDI HALFA											30								
ABU HAMAD	10	3	30	03	0	2	Ci			21	35		18		23	-1	0		
KAREIMA	00	0	30	02	0	0	—	10.4		20	35		16		43	7	0	dr.	1
'ATBARA	300					0	—				35		17			9	0	0.3	2
KHARTÛM	10	8	30	02	0	0	—	9.2		22	37		20		61	14	0	dr.	4
KASSALA	180	1	30	02	0	0	—	9.2		22	38		17		61	14	0	dr.	8
WÂD MEDANI	50	9	35	02	0	0	—				37		12						12
RENK																			49
ROSEIRES	230	5	35	02	0	0	—	9.0		21	38		16		94	20	0	0	36
EL OBEID	00	0	30	01	2	5	Ci	10.5		20	36		17		26	0	0	7	16
EL FÂSHER											35								6
GENEINA											36								4
MALAKÂL	190	3	30	03	1	5	Ac, Ci	9.9		24	37		19		28	4	0	70	88
WÂU											34								145
JUBA											36								146

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	64	-2
Ezbeklya	64	-1
Giza	74	+4
Helwân	59	+4

GIZA GRASS MINIMUM TEMP. ON 3rd. 2.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 2nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	113	18	46	360	3
950					
900					
850	1479	7	71	270	10
800					
700	3063	3	—	270	22
600					
500	5780	-16	93	270	65
400	7347	-27	—	270	113
300	9362	-41	—	—	—

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 2nd

Station	Fouad A.P.		Matruh		Kharga		Asyut		Luxor		Farouk		Suez		Minya		Port Said		Dakhla		Farouk		Port Said		Minya	
Time	14		14		14		14		14	45	14		14		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	10	50	6	360	14	310	10	320	2	10	8	200	5	330	11	360	7	340	3	30	11	10	5	350	10
600	310	9	210	4	10	17	350	10	340	3	20	10	200	3	350	10	30	5	10	3	20	10	20	5	360	12
1000	240	8	230	13	20	16	360	10	330	6	40	9	180	3	360	11	80	4	30	5	20	8	300	3	30	6
1500	230	6	230	10			300	17	310	11	40	9	240	13	280	19	60	5	60	3	150	3			310	13
2000	240	15	220	14			260	25			350	7	230	15	270	21	360	3			260	9			260	25
3000			240	22			260	29					270	35											260	36
4000							270	43																		
5000							266	51																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					8		2				7	15	2				3	30					8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					110	6	110	3			60	25	10	9			80	4					60	11
600					40	9	70	3			50	16	10	6			30	8					50	9
1000					40	4	90	3			350	3	340	6			40	9					40	4
1500					290	5	80	5			240	3	290	10			50	7					40	6
2000											260	16	250	19										
3000											260	19												
4000											260	28												
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time													5				4		5		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600													50	24									290	7
1000													60	19			40	8	40	19	40	9	260	3
1500													10	9			10	16	60	9	110	15		
2000																			120	3	100	9	90	7
3000																	70	7						
4000																	70	5						
5000																								
6000																								
7000																								
8000																								

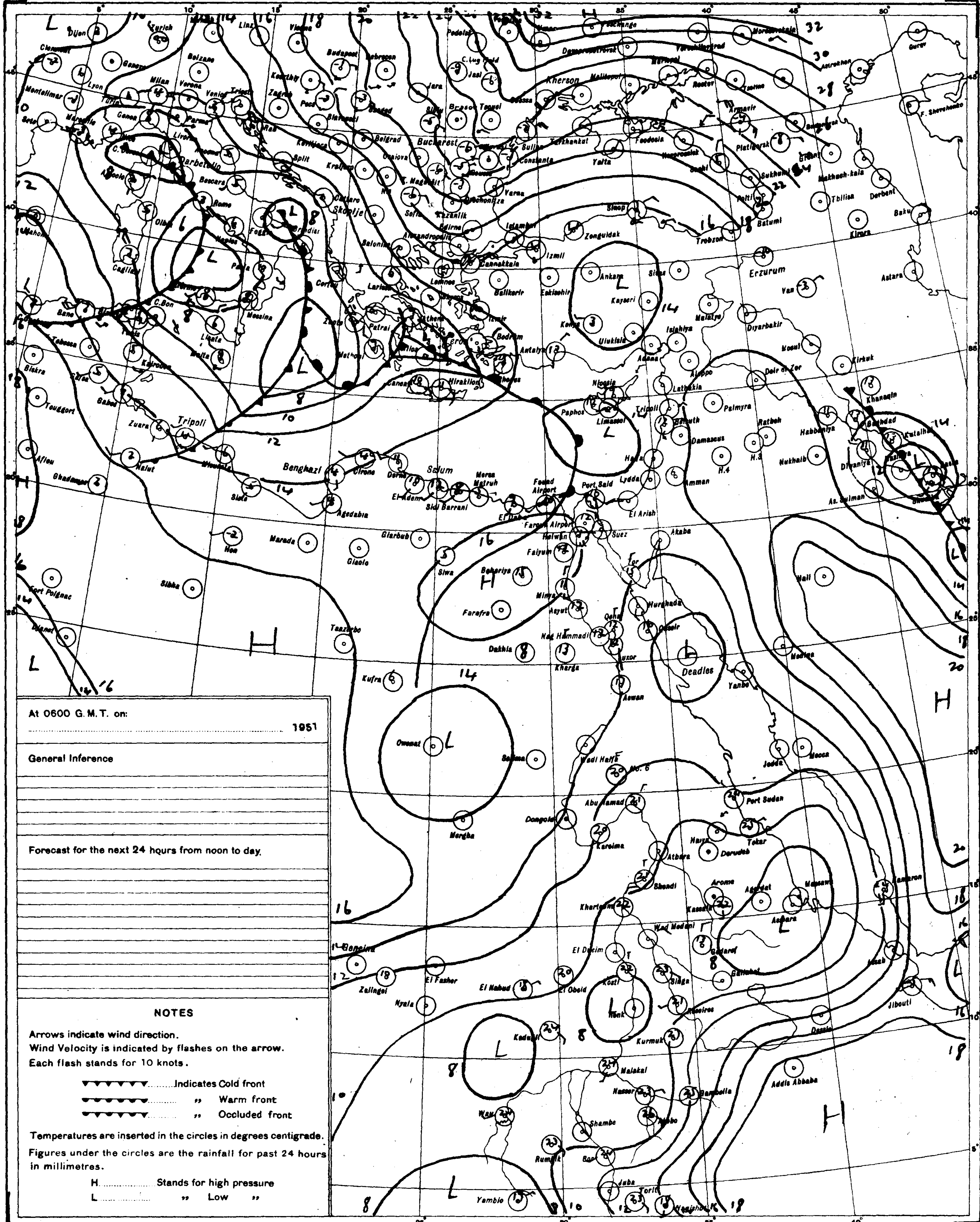
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(60/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 3-2-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hqurs from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... „ Warm front
▼●▼●▼●▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. „ Low „

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during the past hour	91	
Hail } Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

CAIRO

Time of Sunrise 04 44 G. M. T.

" " Sunset 15 34 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 4th February, 1951

At 1200 on Saturday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	6	35	03	1	4	Ci	11.2	19	46	7
	303	SIDI BARANI		7	18	03	1		Ci	11.3	18	30	0
	306	MATRUH	180	7	15	05	1	6	Ci	12.4	19	26	-1
	309	EL DABA	70	8	35	03	2	6	Sc,Cu	11.4	18	37	0
		ALEXANDRIA	40	9	50	03	2	4	Cu,Ci	13.5	19	46	7
	318	FOUAD (Airport)	20	9	18	02	2	6	Ac,Cc	13.3	20	41	6
	330	DAMIETTA	140	2	35	03	1	7	Ac	13.6	19	46	7
	333	PORT SA'ID	40	2	30	02	1	6	Cu, Ci	13.5	18	68	12
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	5	15	02	1	2	Ac	13.9	19	37	4
	342	MANSURA	360	5	35	02	1	4	Ac	13.6	21	50	10
	348	TANTA	00	0	35	03	2	6	Cu,Sc	13.5	21	33	4
	354	ZAGAZIG	00	0	35	03	1	3	Ci	13.0	20	46	8
	440	ISMA'ILIA	180	2	35	03	2	8	Ac	13.3	21	41	7
Cairo Area	360	FAROUK (Airport)	40	3	30	03	2	7	Ac,Ci	13.3	20	38	5
	372	ALMAZA	40	5	15	03	2	6	Ac,Ci	12.8	20	38	5
		EZBEKIYA	310	3	18	02	1	4	Cu	12.6	20	38	5
		GIZA	310	3	18	02	1	4	Cu	13.0	20	41	6
	378	HELWAN	00	0	15	03	1	8	Ac	11.6	22	29	3
Upper Egypt	381	FAIYUM	00	0	35	03	2	8	Ac	13.3	21	41	7
	387	MINYA	10	10	8	02	2	7	Ac	12.1	20	38	5
	393	ASYUT MANQABAD	00	0	14	03	0	1	—	11.1	23	38	8
	399	NAG' HAMMADI	340	1	15	01	0	3	Ac	10.8	24	32	6
	402	QENA	220	1	50	00	0	0	—	10.3	25	28	5
	405	LUXOR	300	5	30	03	2	2	Ci	9.9	24	24	2
	414	ASWAN	00	0	50	02	1	3	Ci	8.5	29	35	12
Oases	417	SIWA	130	4	13	03	2	7	Ac,Ci	13.3	20	33	3
	420	BAHARIYA	90	3	35	02	0	7	Ac	12.2	20	46	8
	423	FARAFRA	90	5	35	02	2	8	Ac	12.2	21	57	12
	432	DAKHLA	00	0	50	00	0	0	—	10.4	26	30	7
	435	KHARGA		1	15	03	1	3	Ci	11.4	26	23	3
Red Sea	450	SUEZ	00	0	50	03	0	6	Ac	12.2	20	41	6
	459	TOR											
	462	HURGHADA	350	6	30	01	2	4	Ac	10.0	22	41	8
	465	QUSEIR	20	9	15	00	0	0	—	11.8	22	65	15
	641	PORT SUDAN	70	11	30	03	1	1	Cu, Ci	8.9	27	66	20
North Sudan	600	WADI HALFA	60	3	50	03	1	5	—	7.4	32	20	6
	640	ABU HAMAD	350	2	30	02	0	2	Ci		33	24	10
	660	KAREIMA	50	4	30	02	0	0	—	5.3	34	20	8
	680	'ATBARA	20	2	30	02	0	0	—	4.4	35	18	7
	721	KHARTUM	50		50	01	0	0	—	3.8	36	12	2
	730	KASSALA	360	7	30	02	0	0	—	2.1	37	20	11
Central Sudan	751	WAD MEDANI	310	9	35	02	0	0	—	2.7	37	13	4
	801	RENK											
	802	ROSEIRES	360	5	35	02	0	0	—	3.6	37	20	11
	771	EL OBEID	150	1	30	01	1	2	Ci	3.7	35	15	5
	760	EL FASHER	130	4	30	02	2	8	Ci		33	16	4
	770	GENEINA	140	1	30	02	2	7	Ci		34	13	2
S. Sudan	840	MALAKAL	270	2	30	01	2	3	Cs	3.4	36	17	7
	880	WAU	160	3	30	03	0	1	Cu	3.4	37	22	12
	947	JUBA	130	9	30	03	1	5	Cu, Ci	2.5	37	25	14

At 1800 on Saturday 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	20	2	15	00	0	0	—	11.5	15	48	4	0
SIDI BARANI	50	2	12	01	1	1	Sc	11.2	14	52	4	0
MATRUH	80	3	11	00	1	0	—	12.4	12	59	4	0
EL DABA	00	0	7	00	0	0	—	11.7	14	55	5	0
ALEXANDRIA	40	5	35	01	2	3	Cu,Ci	13.1	15	59	7	0
FOUAD (Airport)	40	4	12	12	1	5	Ac	12.9	12	77	8	0
DAMIETTA	40	5		02	1	7	Ac	13.1	15	68	9	0
PORT SA'ID	50	6	14	01	2	2	Ci	13.4	16	72	11	0
EL 'ARISH												
DAMANHUR	40	5	7	02	0	0	—	13.7	13	88	11	0
MANSURA	40	5		00	1	0	—	13.6	15	68	9	0
TANTA	00	0	35	02	2	0	—	13.7	14	67	8	0
ZAGAZIG	320	3	15	01	1	2	Ci	13.8	14	77	10	0
ISMA'ILIA	20	5	35	03	2	7	Ac	13.4	15	59	7	0
FAROUK (Airport)	60	6	12	01	1	5	Cu,Ac	12.9	16	49	5	0
ALMAZA	60	6	12	02	2	8	As	12.3	16	49	5	0
EZBEKIYA	00	0	12	02	1	4	Cu	12.3	15	63	8	0
GIZA	00	0	12	02	1	4	Cu	12.7	16	59	8	0
HELWAN	20	10	7	02	2	8	Sc	11.9	17	42	4	0
FAIYUM	00	0	35	02	2	8	As	12.2	16	59	8	0
MINYA	360	4	8	03	2	4	Ac	11.3	14	59	6	0
ASYUT MANQABAD	200	4	8	01	1	2	Ci	11.8	18	52	8	0
NAG' HAMMADI	00	0	7	02	0	4	Ac	10.4	17	68	11	0
QENA	270	1	7	00	0	0	—	10.4	16	49	5	0
LUXOR	00	0	12	00	0	0	—	9.7	18	46	6	0
ASWAN	00	0	50	00	0	0	—	9.1	24	44	11	0
SIWA	100	3	10	03	2	8	Ac	11.8	17	39	3	0
BAHARIYA	00	0	15	01	1	1	Ac	12.4	15	59	7	0
FARAFRA	20	4	15	01	2	0	—	10.5	15	59	7	0
DAKHLA	270	4	50	00	0	0	—	10.6	21	26	1	0
KHARGA	00	0	15	02	1	3	Ci	12.2	20	17	-6	0
SUEZ	310	4	15	01	0	5	Sc	11.6	16	49	5	0
TOR	310	6	15	00	0	0	—	11.0	20	49	9	0
HURGHADA	300	5	12	02	2	7	Cc	10.0	21	53	11	0
QUSEIR	20	9	15	02	0	0	—	12.3	19	83	16	0
PORT SUDAN	40	1	30	02	0	0	—	10.7	25	79	21	0
WADI HALFA	10	5	30	01	1	3	Ci	8.7	24	17	-3	0
ABU HAMAD	00	0	30	02	0	0	—		27	28	7	0
KAREIMA	360	1	30	02	0	0	—	7.3	27	33	9	0
'ATBARA												
KHARTUM	20	4	30	02	0	0	—	6.3	28	25	6	0
KASSALA	20	2	30	02	0	0	—	6.0	24	50	13	0
WAD MEDANI												
RENK												
ROSEIRES	20	4	30	03	2	7	Cs	5.3	29	37	13	0
EL OBEID	00	0	30	00	0	0	—	4.9	31	38	15	0
EL FASHER	00	0	30	01	1	0	—	3.8	30	43	16	0

At 0600 on Sunday 4th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	290	13	15	01	1	3	Cu	13.3		10	21		9		62	3	0	84	
SIDI BARANI	290	14	14	00	0	3	Cu,Sc	11.0		9	20		7		61	2	0	96	
MATRUH	180	10	12	01	2	1	Sc	11.6	-5.6	10	20		8		76	6	0	Rain	
EL DABA	00	0	15	03	2	6	Sc	11.7		11	20		8		77	7	0	32	
ALEXANDRIA	00	0	35	04	2	6	Sc,Cu,Ac	10.7	-7.4	15	21	+2	12	+2	68	9	0	39	151
FOUAD (Airport)	00	0	18	02	1	5	Ac	10.4		12	20		8		88	10	0	42	113
DAMIETTA	360	2	7	41	4	6	Ac	10.6	-6.3	14	20		10		88	12	0	Rain	73
PORT SA'ID	60	9	18	03	2	6	Sc	10.1	-6.8	16	20		11		77	12	0	8	
EL 'ARISH																			55
DAMANHUR	130	5	7	02	1	3	Ac	11.6	-5.8	12	20	0	9	+1	77	8	0	24	64
MANSURA	360	5	35	02	1	3	Sc	11.4	-5.7	12	22	+2	11	+4	88	10	0	20	31
TANTA	00	0	35	01	1	2	Cu,Sc	11.6	-6.1	9	21	+1	6	0	88	7	0	15	25
ZAGAZIG	40	1	3	28	1	3	Ci	9.8	-8.2	10	22	+2	8	+2	88	8	0	Rain	16
ISMA'ILIA	20	2	35	01	1	6	Ci	9.6		14	23		12		67	8	0	9	
FAROUK (Airport)	40	4	12	03	1	4	Ac	10.6		12	21		10		77	8	0	dr.	
ALMAZA	50	6	12	03	2	7	Ac	10.0	-8.0	11	21		10		88	9	0	1	
EZBEKIYA	310	3	12	02	1	4	Sc	9.9	-8.1	11	21	+1	11	+3	88	9	0	1	15
GIZA	310	3	12	02	1	4	Sc	10.4	-7.5	10	21	+1	8	+2	88	8	0	2	16
HELWAN	00	0	15	01	2	7	Ac,Cc	9.1	-9.6	14	23	+4	13	+5	67	8	0	1	16
FAIYUM	00	0	35	01	2	5	Ac	10.4	-7.9	12	22	+1	10	+4	77	8	0	dr.	5
MINYA	360	4	8	03	2	6	Cu,Ac	8.6	-10.3	12	22		9		63	5	0	0	
ASYUT MANQABAD	00	0	6	10	1	6	Ac	8.6	-11.0	13	25		10		63	6	0	dr.	
NAG' HAMMADI	00	0	7	02	0	4	Ac	8.7	-9.5	13	26		7		77	9	0	0.1	
QENA	40	2	15	00	0	0	—	8.7	-9.3	13	26	+2	9	+2	55	4	0	0	
LUXOR	00	0	30	00	0	0	—	8.5	-9.6	16	26		9		45	4	0	0	
ASWAN	00	0	50	00	0	0	—	8.6	-9.7	18	31	+7	15	+5	64	11	0	0	
SIWA	290	6	11	00	0	0	—	14.4	-5.5	9	22	+2	7	+3	62	2	0	dr.	6
BAHARIYA	360	2	35	02	0	0	—	10.8	-8.2	14	21	0	10	+4	67	8	0	0	6
FARAFRA	320	5	35	02	0	0	—	10.6		13	23		8		67	7	0	dr.	
DAKHLA	180	3	50	00	0	0	—	10.0	-9.5	13	27	+4	8	+3	34	-3	0	0	
KHARGA	00	0	15	00	0	0	—	10.6	-8.2	12	26	+3	9	+3	44	0	0	0	
SUEZ	310	4	35	00	0	0	—	9.1	-8.6	13	23	+3	11	+1	88	11	0	0.3	11
TOR	360	4	35	00	0	0	—	8.4	-8.9	15	23	+2	14	+5	59	7	0	4	10
HURGHADA	210	3	12	02	2	7	Ac	7.1	-9.9	17	22		11		46	5	0	0	
QUSEIR	330	9	15	00	0	0	—	8.8	-7.9	19	24	+1	16	+2	83	16	0	dr.	4
PORT SUDAN	200	3	10	01	1	1	Ci	10.5		24	27		19		74	19	0	154	41
WADI HALFA	140	10	30	01	0	1	Ci	9.2		23	33		14		18	-3	0	dr.	
ABU HAMAD	00	0	30	03	1	6	Ci			22	34		16		44	9	0		
KAREIMA	360	4	30	03	0	5	Ci	9.9		19	35		15		40	5	0	dr.	1
'ATBARA	20	5	7	05	0	0	—	9.3		22	37		18		47	10	0	0.3	2
KHARTUM	360	8	30	02	0	0	—	8.0		22	37		18		33	5	0	dr.	4
KASSALA	00	0	30	02	0	0	—	8.5		23	37		15		57	14	0	dr.	8
WAD MEDANI																			12
RENK																			49
ROSEIRES	270	8	35	02	0	0	—	10.2		20	38		16		56	11	0	0	36
EL OBEID	360	1	30	01	0	1	Ci	9.8		20	36		17		26	0	0	7	16
EL FASHER	340	2	30	01	2	3	Ci			13	34		12		44	1	0	6	6
GENEINA	30	4	30	02	0	0	—			13	35		12		26	-2	0		4
MALAKAL											38								88
WAU	230	5	30	02	0	0	—	8.6		25	37		20		47	13	0	144	145
JUBA											37								147

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 3rd	Diff. from normal
Alexandria	63	-2
Ezbekiya	66	+2
Giza	69	-1
Helwan	53	-1

GIZA GRASS MINIMUM TEMP ON 4th 4.0 °C.

Remarks

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 3rd At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	104	18	30	60	8
950					
900					
850	1467	8	27	320	6
800					
700	3049	2	30	230	25
600					
500	5647	-19		260	74
400	7281	-27		—	—
300	9300	-40		—	—

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 3rd

Station	Matruh		Harghada		Port Said		Kharga		Siwa		Dakhla		Minya		Asyut		S. Bimani		Farouk		Minya		P. Said		Fouad A.P.	
Time	14		14	15	14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	110	5	10	8	30	7	20	13	120	7	160	7	20	10			20	5	70	22	60	11	60	10	50	8
600	170	7	360	8	320	2	30	17	110	4	160	7	30	3	10	5	10	2	80	13	140	3	80	3	70	6
1000	160	6	270	2	30	1	40	16	100	3	150	10	320	2	310	2	220	3	70	10	160	9	150	3	130	2
1500	200	9	250	13	360	2	30	7	250	2			250	12	240	12	340	3	140	5	200	10	130	2		
2000	250	12	240	23					200	13			240	25	240	20	230	9	250	17	220	27	170	2		
3000									240	34					250	27										
4000									240	41																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk	
Time					2		2				7	15					3	45					8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					80	12	60	12			20	9					200	5					30	14
600					70	14	60	11			30	13					180	4					30	13
1000					50	14	50	9			40	5					170	5					10	13
1500					360	9	240	7			250	13					150	2					270	9
2000							200	5			250	13											240	20
3000											230	32												
4000											230	34												
5000																								
6000																								
7000																								
8000																								

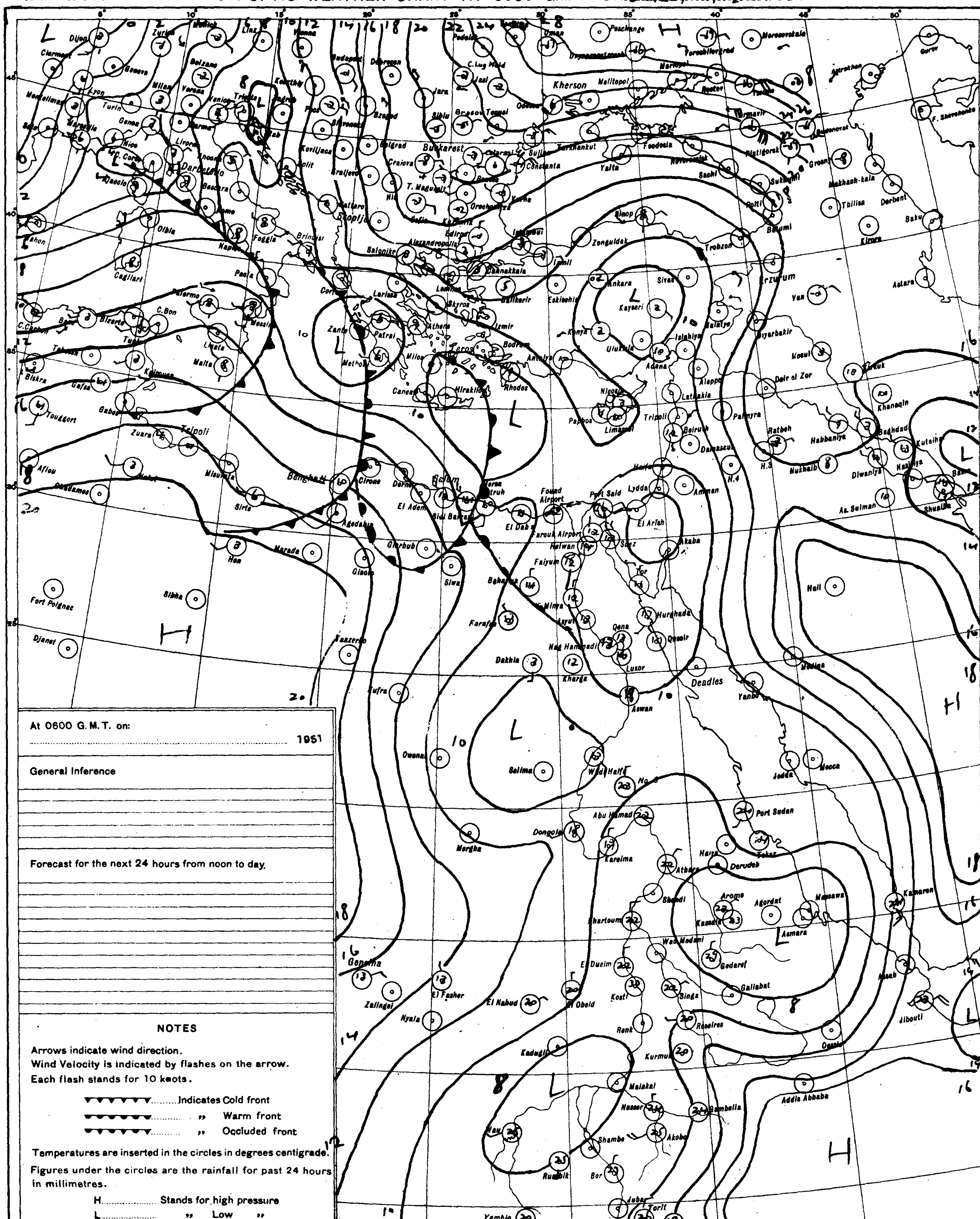
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time													5				4							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600													70	5			80	4						
1000													100	8			50	10						
1500													140	6			20	15						
2000													310	6										
3000													310	11			300	5						
4000													170	12										
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 4-2-* 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 44 G. M. T.

" " Sunset 15 35 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 5th February, 1951

At 1200 on Sunday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	270	13	35	01	0	4	Cu, Ci	12.3	18	52	8
	303	SIDI BARANI	280	12	18	02	1	2	Cu	12.2	16	49	5
	306	MATRUH	260	23	10	02	1	2	Cs	11.9	17	37	2
	309	EL DABA	320	11	35	02	2	5	Sc, Cu	11.2	18	46	6
		ALEXANDRIA	310	16	50	02	2	4	Cu	10.7	18	46	16
	318	FOUAD (Airport)	320	10	18	03	1	6	Cu, ac	10.6	20	41	6
	330	DAMIETTA	340	5	7	03	2	7	Cu, ac	9.4	17	60	9
	333	PORT SA'ID	360	9	30	02	2	7	Sc	8.8	17	64	10
	336	EL 'ARISH	340	13	35	01	0	0	—	11.6	19	52	9
Lower Egypt	339	DAMANHUR	360	9	15	02	1	3	Cu	11.2	20	33	3
	342	MANSURA	40	5	35	03	2	6	Sc, Cu	9.3	20	56	11
	348	TANTA	310	8	35	01	1	4	Cu, Sc		19	46	7
	354	ZAGAZIG	40	3	35	03	1	3	Cu	9.8	20	56	11
	440	ISMA'ILIA	360	5	35	03	2	7	Cu	8.0	21	50	10
Cairo Area	366	FAROUK (Airport)	310	9	30	02	2	5	Cu	9.5	20	46	8
	372	ALMAZA	320	15	15	02	1	3	Cu	9.8	19	49	8
		EZBEKIYA	360	7	18	02	1	4	Cu	9.1	20	41	6
		GIZA	360	7	18	02	1	4	Cu	9.3	21	41	7
	378	HELWAN	320	5	35	03	1	2	Cu	8.4	20	41	6
Upper Egypt	381	FAIYUM	330	8	35	01	1	1	St	10.3			7
	387	MINYA	340	16	8	00	2	0	—	9.2	23	20	-1
	393	ASYUT MANQABAD	330	12	12	00	1	1	Ci	8.3	23	38	8
	399	NAG' HAMMADI	340	2	15	00	0	0	—	6.8	27	37	11
	402	QENA	290	2	50	00	0	0	—	6.2	27	33	9
	405	LUXOR	260	10	30	00	0	0	—	5.4	30	25	8
	414	ASWAN	290	10	50	01	1	3	Ci	5.8	31	21	6
Oases	417	SIWA	280	15	13	03	0	2	Cu	16.2	17	42	4
	420	BAHARIYA	320	7	35	02	0	0	—	10.7	21	41	7
	423	FARAFRA	290	24	15	34	3	0	—	13.6	20	56	11
	432	DAKHLA	340	16	35	03	2	0	—	11.6	23	61	15
	435	KHARGA	310	22	3	07	0	0	—	9.7	25	17	-2
Red Sea	450	SUEZ	310	7	50	01	0	2	Cu	7.4	21	41	7
	459	TOR	270	2	35	00	0	0	—	5.5	23	65	16
	462	HURGHADA	70	13	30	01	1	4	ac	3.6	24	69	18
	465	QUSEIR	140	19	15	02	0	3	Ci	6.2	25	84	22
	641	PORT SUDAN	110	16	30	03	1	1	Ci	6.7	25	79	21
North Sudan	600	WADI HALFA	290	26	7	07	0	1	Cs	6.3	34	5	-10
	640	ABU HAMAD											
	660	KAREIMA	270	2	30	02	1	5	Cs	4.6	36	17	7
	680	'ATBARA	360	2	30	03	1	3	—	4.2	36	15	6
	721	KHARTUM	10	12	30	02	0	1	Ci	3.2	38	11	3
	730	KASSALA	360	8	30	02	2	0	—	2.8	37	17	8
Central Sudan	751	WAD MEDANI	50	9	35	02	1	6	Ci	3.0	37	10	0
	801	RENK	310	13	35	02	0	3	Ci	5.0	38	11	3
	802	ROSEIRES	310	13	35	02	0	0	—	2.6	38	15	7
	771	EL OBEID	70	5	30	03	1	7	Cs	3.2	35	7	-7
	760	EL FASHER	30	5	30	02	0	0	—		34	20	8
	770	GENEINA											
S. Sudan	840	MALAKAL	360	6	30	03	2	5	ac, Ci	2.9	38	10	1
	880	WAU	50	5	30	03	1	5	Cu, Ci	2.3	38	17	9
	941	JUBA	20	13	30	03	1	7	Cu, ac	2.7	36	29	15

At 1800 on Sunday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	270	5	15	00	0	0	—	14.0	13	67	7	0
SIDI BARANI	230	12	14	02	1	1	Cb	13.5	13	55	4	0
MATRUH	320	7	7	02	1	4	Cu	12.6	14	67	8	dr.
EL DABA	310	17	35	01	6	2	Cu	12.6	15	48	4	1
ALEXANDRIA	290	9	12	02	6	1	Sc	12.8	12	67	6	1
FOUAD (Airport)	360	5	7	00	6	0	—	12.3	12	88	10	0.2
DAMIETTA	10	22	15	01	2	0	—	11.4	14	77	10	0
PORT SA'ID	320	9	15	03	9	4	Cb	9.9	16	56	7	0
EL 'ARISH												
DAMANHUR	310	13	7	02	1	1	Cu	12.6	12	63	5	0
MANSURA	320	5		00	1	0	—	12.7	13	77	9	0
TANTA	00	0	35	02	1	0	—	12.0	10	76	6	0
ZAGAZIG	320	1	35	01	1	2	Cu	12.0	12	77	8	0
ISMA'ILIA	290	5	35	01	7	0	—	12.4	14	67	8	dr.
FAROUK (Airport)	310	2	11	00	1	0	—	13.3	14	63	7	0
ALMAZA	40	2	12	00	1	0	—	12.6	13	77	9	0
EZBEKIYA	00	0	12	00	1	0	—	12.8	14	67	8	0
GIZA	00	0	12	00	0	0	—	12.8	13	67	7	0
HELWAN	340	13	15	01	1	0	—	12.7	14	55	5	0
FAIYUM												
MINYA	340	6	8	00	1	0	—	13.3	14	36	-1	0
ASYUT MANQABAD	310	12	8	00	0	0	—	13.6	14	55	5	0
NAG' HAMMADI	00	0	15	02	0	5	Ac	11.2	17	56	8	0
QENA	320	2	7	00	0	0	—	10.2	21	26	1	0
LUXOR	320	10	12	00	0	0	—	11.0	20	24	-1	0
ASWAN	350	9	50	00	0	0	—	11.2	26	18	0	0
SIWA												
BAHARIYA	320	6	15	02	0	0	—	14.8	15	30	-3	0
FARAFRA	290	6	15	02	3	0	—	16.8	12	55	3	0
DAKHLA												
KHARGA	310	6	7	00	0	0	—	11.1	19	30	1	0
SUEZ	310	8	15	03	0	3	Sc	12.2	16	49	5	0
TOR	310	22	50	00	0	0	—	8.0	20	33	3	0
HURGHADA	300	30	10	00	2	0	—	6.6	21	53	11	0
QUSEIR	270	19	15	01	1	0	—	6.7	21	85	14	0
PORT SUDAN	170	4	30	01	2	4	Ci	8.1	24	84	21	0
WADI HALFA	340	24	0.3	32	3	8	Cs	11.2	24	13	-7	0
ABU HAMAD	300	3	30	02	2	5	Cs		29	14	-1	0
KAREIMA												
'ATBARA												
KHARTUM	350	6	30	01	1	1	Cs	5.8	28	14	-2	0
KASSALA	360	3	30	02	0	0	—	6.7	23	41	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	60	4	30	03	2	4	Ci	5.6	28	14	-2	0
EL FASHER	80	4	30	01	1	0	—		27	23	4	0
GENEINA	360	3	30	02	0	0	—		26	21	2	0
MALAKAL	70	6	30	01	1	0	—	3.5	31	17	3	0
WAU	340	2	30	02	0	0	—	3.5	31	26	9	0
JUBA	310	5	30	03	2	5	ac	4.3	30	40	15	0

At 0600 on Monday 5th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	01	1	6	Cs	16.4		10	19		8		76	6	0	84	
SIDI BARANI	320	10	14	00	0	6	Sc, As	15.8		14			11		59	6	0.4	96	
MATRUH	210	11	15	02	8	6	Cu, Sc, Ci	16.0	-1.7	11	17		9		82	8	0.3	Rain	
EL DABA	270	4	15	03	2	6	Sc			10	20		8		88	8	1	33	
ALEXANDRIA	310	16	50	03	6	6	Cb	13.5	-4.5	16	20	+1	12	+2	59	8	2	41	151
FOUAD (Airport)	320	4	18	02	1	5	Cu, Sc	13.9		15	20		12		68	9	1	43	114
DAMIETTA	220	2	3	03	6	4	Cb	13.8	-3.1	9			6		95	9	4	Rain	73
PORT SA'ID	280	15	15	02	1	3	Cb	13.2	-3.6	12	20		10		88	10	0	8	
EL 'ARISH	320	5	35	01	6	3	Cu	13.9	-3.7	13	21	+2	9	+1	77	9	dr.	Rain	56
DAMANHUR	270	9	7	02	1	4	Cu	15.1	-2.3	10	20	0	8	0	88	8	0	24	65
MANSURA	270	5	35	02	1	3	ac	13.8	-1.4	10	21	+1	6	-1	88	8	0	20	31
TANTA	00	0	35	02	0	0	—	15.1	-2.5	8	20	-1	6	0	88	8	0	15	25
ZAGAZIG	320	1	15	02	1	0	—	14.7	-3.3	7	23	+3	6	0	76	3	0	Rain	16
ISMA'ILIA	270	9	35	01	0	0	—	14.2		12	23		9		63	5	dr.	9	
FAROUK (Airport)	200	13	12	01	2	1	Sc	15.4		10	21		8		71	5	0	dr.	
ALMAZA	230	7	15	02	1	3	Cu	14.8	-3.2	10	20		7		76	6	0	1	
EZBEKIYA	00	0	12	02	1	2	Sc	15.4	-2.6	10	21	+1	9	+1	76	6	0	1	15
GIZA	00	0	12	02	1	2	Sc	15.2	-2.6	12	21	+1	7	+1	63	5	0	2	16
HELWAN	00	0	15	00	0	0	—	16.0	-2.7	10	20	+1	8	0	76	6	0	1	16
FAIYUM	290	4	35	02	0	0	—	17.6	-0.6	11			7	0	63	4	0	dr.	5
MINYA	200	1	8	00	0	0	—	17.4	-1.4	8	24		3		62	1	0	0	
ASYUT MANQABAD	290	5	12	00	0	0	—	17.8	-1.8	10	24		6		58	2	0	dr.	
NAG' HAMMADI											28								
QENA	320	2	15	00	0	0	—	15.8	-2.1	11	28	+4	9	+2	51	1	0	0	
LUXOR	220	4	30	00	0	0	—	15.7	-2.4	13	32		8		44	1	0	0	
ASWAN											32	+8							
SIWA																			6
BAHARIYA											22	+1							6
FARAFRA	320	11	35	02	0	0	—	18.9		11	21		11		63	4	0	dr	
DAKHLA																			
KHARGA	00	0	15	02	1	1	Ci	12.2	-6.5	13	28	+5	8	+2	51	3	0	0	
SUEZ											23	+3							11
TOR	310	8	50	00	0	0	—	13.6	-3.7	16	24	+3	14	+5	32	-1	0	4	10
HURGHADA	250	11	30	03	1	1	Cu	12.9	-4.0	14	24		11		63	7	0	0	
QUSEIR	330	13	15	02	0	0	—	13.3	-3.3	16	25	+2	15	+1	49	5	0	dr.	4
PORT SUDAN											28								91
WADI HALFA	360	13	2	05	3	0	—	16.3		13	36		11		29	-5	0	dr.	
ABU HAMAD	360	8	10	05	0	0	—			18	38		17		30	0	0		
KAREIMA																			1
'ATBARA	340	13	2	07	0	0	—	14.8		20	37		19		23	-2	0	0.3	2
KHARTUM	340	12	10	05	0	0	—	10.5		21	38		19		21	-2	0	dr.	4
KASSALA	220	2	30	02	0	0	—	8.8		22	38		13		44	9	0	dr.	8
WAD MEDANI	310	9	35	02	0	0	—	8.6		20	38		14		21	-3	0	46	12
RENK	350	9	35	02	0	0	—			24	39		16		34	7	0		49
ROSEIRES	360	5	35	02	0	0	—			21	39		17		44	8	0	0	36
EL OBEID	350	11	30	01	1	1	Ci	11.3		19	37		17		18	-6	0	7	6
EL FASHER	20	4	10	05	0	0	—			15	37		14		32	-2	0	6	6
GENEINA	20	14	4	05	0	2	Ci			17	36		16		22	-5	0		4
MALAKAL	200	2	30	02	0	0	—	8.1		23	39		19		57	14	0	70	88
WAU	200	1	30	02	2	8	ac, Ci	7.3		21	37		20		69	15	0	144	145
JUBA	00	0	30	21	6	7	Sc, ac	8.3		27	38		23		58	18	dr.	192	147

HUMIDITY %

Mean of day

Station	on 4th	Diff. from normal
Alexandria	56	-9
Ezbeklya	70	+6
Giza	74	+5
Helwan	59	+5

GIZA

GRASS MINIMUM TEMP. ON 5th 1.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On At	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On At	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On At	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
	1000							1000							1000					
	950							950							950					
	900							900							900					
	850							850							850					
	800							800							800					
	700							700							700					
	600							600							600					
	500							500							500					
	400							400							400					
	300							300							300					

UPPER WIND OBSERVATIONS on 4th

Height m.	Khariga Dir.	Khariga Vel.	Siwa Dir.	Siwa Vel.	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk Dir.	Farouk Vel.	Luxor Dir.	Luxor Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		14		14		14		14		14		14		14		14		14 30		20		20		20	
300	350	29	290	26	100	2	320	23	320	24	320	24	310	17	340	29	310	19	290	20	340	11	330	33	300	16
600	350	36	300	19	240	6	320	27	310	30	320	30	310	19	320	20	310	18	290	19	310	18	330	27	290	15
1000			300	17			230	30			320	31	310	18	320	21	310	19	290	23	290	28	330	23	260	17
1500			300	24			310	32			320	37	320	16			300	19			290	23			290	23
2000			310	43			300	28					310	12			300	23			270	22			290	22
3000			320	36									340	21							270	19				
4000			320	52																						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk	
Time					3		2				6 45		2				8 30						8 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					310	14	70	12			180	3	350	13			340	10					240	10
600					310	13	350	10			300	13	330	11			360	12					240	12
1000					310	13	290	10			310	13	330	19			360	14					240	15
1500							300	17			310	20	320	26			330	10						
2000							310	22			310	22	290	20										
3000							300	19			300	32												
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time									5		5				4						3		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									10	17														
600									30	24	20	19			350	24							20	7
1000									40	29	30	23			20	17					360	10	20	24
1500											40	24			20	13					40	12	30	20
2000																					200	16		
3000											350	16			360	13							40	8
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

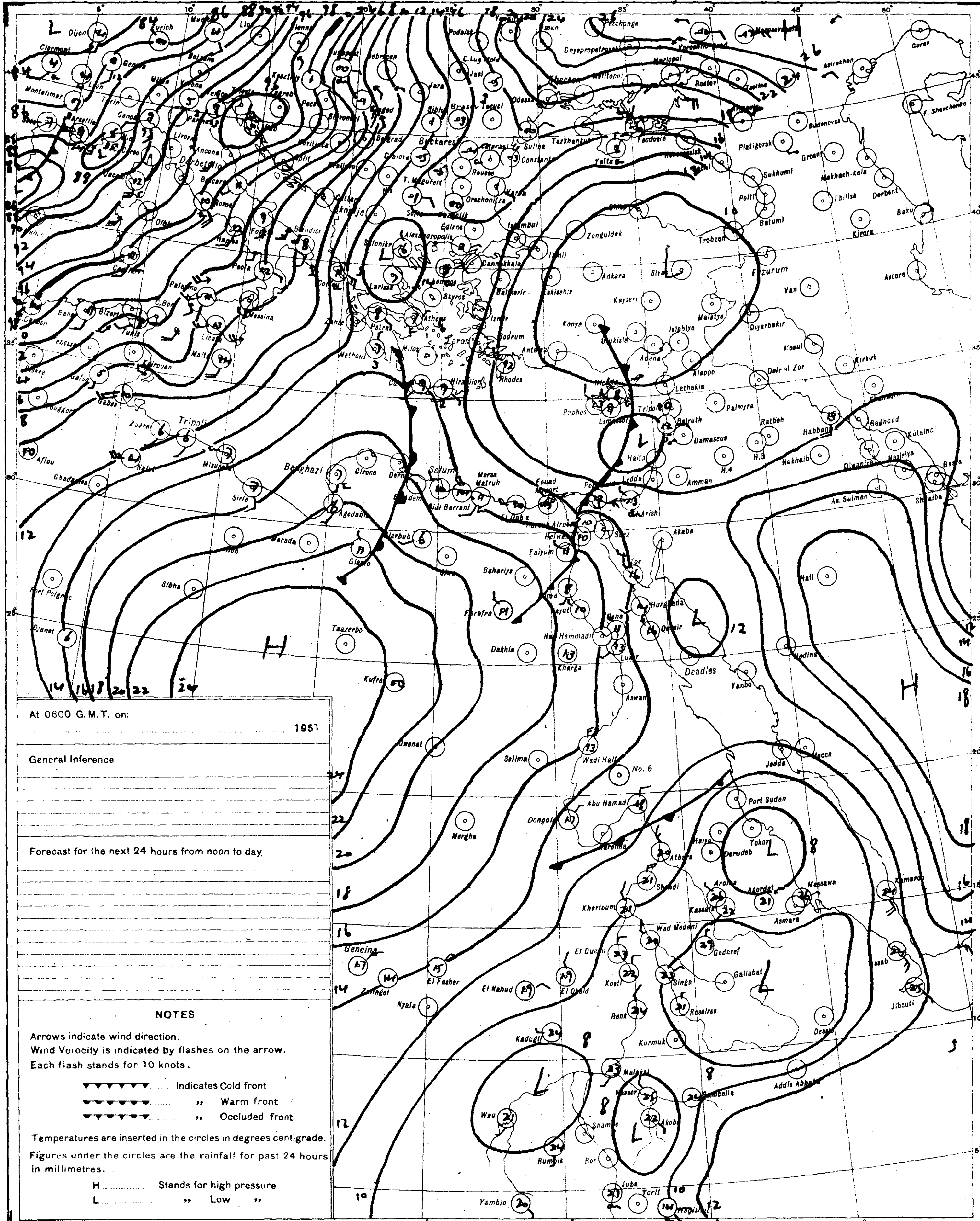
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 5-2- 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... „ Warm front
●▼●▼●▼▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	„ or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	„ „ hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
„ „ hail		87
Rain } Thunderstorm during		91
Hail } the past hour		93
Thunderstorm with rain		95
„ „ hail		96
„ „ Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th „ „ „	2
3/8 „ „ „ „	3
4/8 „ „ „ „	4
5/8 „ „ „ „	5
6/8 „ „ „ „	6
7/8 „ „ „ „	7
Sky completely covered	8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 43 G. M. T.
" " Sunset 15 36 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 6th February, 1951

At 1200 on Monday 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	90	5	35	03	2	5	cu	17.1	19	37	4
	303	SÎDI BARÂNI	320	10	18	02	0	3	cb, ac	17.2	17	56	8
	306	MATRÛH	270	12	15	02	8	5	cu, ac	16.7	17	52	7
	309	EL DABA	20	6	35	01	1	3	cu	17.6	17	52	7
		ALEXANDRIA	310	20	50	02	2	4	cu	15.6	18	52	8
	318	FOUAD (Airport)	340	12	18	03	8	4	cu	15.5	16	52	8
	330	DAMIETTA	320	5	35	01	1	3	cu	14.8	17	68	11
	333	PORT SA'ÎD	340	12	30	01	2	2	cu, sc	14.4	19	56	10
	336	EL 'ARISH	320	9	35	03	2	5	cu	14.4	21	33	4
Lower Egypt	339	DAMANHUR	340	5	15	02	8	4	cu	16.0	18	52	8
	342	MANSURA	360	9	35	03	2	4	sc, cu	15.4	18	52	8
	348	TANTA	310	5	35	03	8	6	cu, sc	15.1	19	52	9
	354	ZAGAZIG	320	4	15	03	1	8	cb	15.1	21	53	11
	440	ISMA'ÎLIA	270	9	35	03	1	6	cu	14.8	19		
Cairo Area	366	FAROUK (Airport)	290	16	30	02	2	6	sc	15.8	18	52	8
	372	ALMÂZA	310	11	15	01	2	5	sc, cu	15.2	20	38	5
		EZBEKÎYA	310	9	18	02	1	6	cu	15.4	19	43	6
		GÎZA	310	9	18	02	1	6	cu	15.1	21	33	4
	378	HELWÂN	00	0	35	21	6	7	cb, ac	15.5	18	52	8
Upper Egypt	381	FAIYÛM	00	0	35	03	2	7	sc	16.0	19	37	4
	387	MINYA	330	13	10	03	1	4	cu, cc	16.8	20	24	-1
	393	ASYÛT MANQABÂD	340	13	30	02	1	1	cb	16.5	18	52	8
	399	NAG' HAMMÂDI	270	3	15	00	0	0	—	15.9	19	56	10
	402	QENA	320	2	50	00	0	0	—	15.2	22	29	3
	405	LUXOR	320	13	30	00	0	0	—	14.8	20	21	-3
	414	ASWÂN	330	6	50	01	1	2	cc	14.6	21	17	-5
Oases	417	SÎWA	260	8	14	01	1	1	cu	20.4	18	46	6
	420	BAHARÎYA	360	4	35	02	1	3	ac	17.6	18	56	8
	423	FARAFRA	320	11	35	03	1	5	cc	18.4	18	46	6
	432	DAKHLA	340	11	50	00	0	0	—	17.4	19	23	-3
	435	KHARGA	360	4	15	00	0	0	—	17.6	20	69	14
Red Sea	450	SUEZ	310	5	50	03	0	4	cu	14.2	20	41	6
	459	TÛR	310	8	35	00	0	0	—	13.3	19	46	7
	462	HURGHÂDA	320	19	30	02	1	1	cb	12.3	19	56	10
	465	QUSEIR	20	19	15	00	0	0	—	13.8	20	33	3
	641	PORT SÛDÂN	360	9	7	07	1	0	—	9.0	27	62	19
North Sûdân	600	WÂDI HALFA	350	13	15	02	0	0	—	12.2	23	18	-3
	640	ABU HAMAD	350	8	50	02	0	0	—				-4
	660	KAREIMA											
	680	'ATBARA	360	13	7	07	0	0	—	7.3	31	11	-2
	721	KHARTÛM	350	14	3	06	0	0	—	7.1	32	13	0
	730	KASSALA	10	11	7	07	0	0	—	3.3	37	11	1
Central Sûdân	751	WÂD MEDANI	360	9	15	02	0	0	—	3.9	37	7	-5
	801	RENK											
	802	ROSEIRES	360	9	35	02	0	0	—	2.0	39	11	3
	771	EL OBEID	10	14	2	07	0	0	—	6.5	31	8	-7
	760	EL FÂSHER	360	7	30	02	0	0	—		31	16	2
	770	GENEINA	70	9	4	05	1	3	cc		31	11	-3
S. Sûdân	840	MALAKÂL	50	10	30	02	0	0	—	2.3	39	6	-5
	880	WÂU	50	11	30	03	0	1	cu, ac	2.2	38	13	5
	941	JUBA	90	2	30	03	2	8	cs	3.8	32	34	14

At 1800 on Monday 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	290	2	14	00	0	0	—	18.7	13	67	7	0
SÎDI BARÂNI	340	2	14	02	0	0	—	18.8	15	55	6	0
MATRÛH	280	6	10	00	1	0	—	19.0	11	54	2	Rain
EL DABA	320	6	7	00	0	0	—	18.7	14	55	5	0
ALEXANDRIA	310	5	35	03	8	8	cb	18.3	13	77	9	1
FOUAD (Airport)	270	9	10	80	8	5	cu, sc	18.6	13	94	12	1
DAMIETTA	320	5	7	02	1	2	cu	17.6	15	77	11	0
PORT SA'ÎD	330	14	14	01	0	1	sc	16.8	16	72	11	0
EL 'ARISH	320	5	15	02	8	5	cu	16.7	15	68	9	dr.
DAMANHUR												
MANSURA	320	5		00	1	0	—	18.7	14	67	8	0
TANTA	00	0	35	02	1	0	—	19.1	11	88	9	1
ZAGAZIG	320	1	35	02	9	0	—	18.2	12	77	8	2
ISMA'ÎLIA	290	5	35	01	6	0	—	18.5	13			2
FAROUK (Airport)	320	2	12	01	0	0	—	18.7	14	77	10	0
ALMÂZA	330	4	12	00	1	0	—	18.3	14	72	9	0
EZBEKÎYA	350	2	12	01	8	0	—	18.3	14	72	9	dr.
GÎZA	350	2	12	01	8	0	—	18.3	14	67	8	dr.
HELWÂN	340	5	7	01	8	3	cu	18.7	14	67	8	0.6
FAIYÛM	00	0	35	01	0	0	—		15	59	7	0
MINYA	360	3	6	00	1	0	—	18.9	12	51	2	0
ASYÛT MANQABÂD	300	4	6	00	0	0	—	18.8	13	55	4	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	18.4	13	44	1	0
QENA	320	3	7	00	0	0	—	18.1	17	34	1	0
LUXOR	310	8	12	00	0	0	—	17.4	16	36	1	0
ASWÂN	350	6	50	00	0	0	—	17.3	18	52	8	0
SÎWA	280	4	10	00	0	0	—	20.8	12	59	4	0
BAHARÎYA	320	2	15	02	1	0	—	19.4	14	55	5	0
FARAFRA	290	2	15	02	2	0	—	20.3	12	55	3	0
DAKHLA	320	5	50	00	0	0	—	18.3	14	36	-1	0
KHARGA	00	0	15	00	0	0	—	19.1	15	30	-3	0
SUEZ												
TÛR	360	11	50	00	0	0	—	16.3	18	37	3	0
HURGHÂDA	290	20	12	00	0	0	—	15.1	18	52	8	0
QUSEIR												
PORT SÛDÂN	340	11	10	02	1	2	sc	13.2	23	78	19	0
WÂDI HALFA	340	11	30	02	0	0	—	17.4	17	22	-5	0
ABU HAMAD	360	10	30	02	0	0	—		18	30	0	0
KAREIMA												
'ATBARA	360	13	10	07	0	0	—	10.4	24	24	2	0
KHARTÛM	340	10	7	05	0	0	—	9.5	26	21	2	0
KASSALA	50	1	30	02	0	0	—	7.9	24	30	5	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	8	10	02	0	0	—	9.8	23	14	-6	0
EL FÂSHER	30	5	18	03	0	0	—		23	27	3	0
GENEINA			7	05	0		cc		26	16	-2	0
MALAKÂL	10	10	30	02	0	0	—	5.3	28	19	2	0
WÂU	00	0	30	02	0	0	—	4.2	30	33	12	0
JUBA	00	0	30	01	2	4	ac	5.0	28	42	14	0

At 0600 on Tuesday 6th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	4	14	00	1	3	cc	20.8		11	20		9		63	4	0	84	
SÎDI BARÂNI	210	6		00	0	1	sc	21.8		8	20		6		76	4	0	96	
MATRÛH	230	11	13	03	2	1	sc	21.8	+4.7	9	18		8		76	5	1	Rain	
EL DABA	00	0	15	03	2	8	sc	21.6		10	17		6		76	6	0	33	
ALEXANDRIA	310	13	50	03	8	7	cb	21.5	+3.5	16	19	0	13	+3	59	8	1	42	152
FOUAD (Airport)	350	6	12	03	1	5	cu, sc	21.1		16	18		12		68	10	1	44	115
DAMIETTA	200	2		03	8	5	cb	21.0	+4.1	13	18		8		84	11	2	Rain	74
PORT SA'ÎD	280	7	14	03	0	4	cu, sc	20.5	+3.7	15	20		13		77	11	1	9	
EL 'ARISH	220	2	35	01	8	2	cu	20.6	+3.0	15	21	+2	11	+3	42	2	Rain	Rain	56
DAMANHUR	270	5	7	03	8	8	ac	22.2	+4.9	9			7	-1	88	7	1	25	65
MANSURA	270	5	35	00	0	0	—	21.6	+4.6	8	20		7	0	88	6	0	20	32
TANTA	220	2	35	02	0	0	—	21.7	+4.3	8	20	-1	6	-1	88	6	1	16	25
ZAGAZIG	220	2	35	02	0	0	—	21.9	+4.0	8	22	+2	6	0	88	6	2	Rain	16
ISMA'ÎLIA	270	2	35	03	1	4	ac	21.6		12	20		9		77	8	2	11	
FAROUK (Airport)	200	8	12	01	2	1	sc	23.0		11	20		9		88	9	0	dr.	
ALMÂZA	200	7	15	00	0	0	—	21.9	+4.5	11	20		8		88	9	0	1	
EZBEKÎYA	00	0	12	02	1	2	cu	22.2	+4.3	10	19		9	+1	88	8	dr.	1	15
GÎZA	00	0	12	02	1	2	cu	21.6	+3.8	12	21	+1	6	0	77	8	dr.	2	16
HELWÂN	00	0	7	01	2	0	—	22.6	+4.0	10	20	+1	8	0	76	6	0.6	2	16
FAIYÛM	290	4	35	02	0	0	—	24.2	+6.1	10	22	0	6	-1	88	8	0	dr.	5
MINYA	340	4	8	00	0	0	—	24.0	+5.3	8	21		3		88	6	0	0	
ASYÛT MANQABÂD	270	2	8	10	0	0	—	22.8	+3.3	11	19		6		82	8	0	dr.	
NAG' HAMMÂDI											20								
QENA	320	2	15	00	0	0	—	21.5	+3.6	11	23		8	+1	51	1	0	0	
LUXOR	110	3	18	00	0	0	—	20.6	+2.6	13	22		5		48	2	0	0	
ASWÂN	350	3	50	00	0	0	—	21.0	+2.6	13	22	-3	9	-2	48	2	0	0	
SÎWA	00	0	13	00	0	0	—	23.1	+3.4	5	19	-2	2	-2	70	0	0	dr.	6
BAHARÎYA	00	0	35	02	0	0	—	23.0	+4.2	12	19	-2	3	-3	63	5	0	0	6
FARAFRA	00	0	35	02	0	0	—	23.1		8	19		2		58	0	0	dr.	
DAKHLA	00	0	50	00	0	0	—	23.1	+3.7	9	19	-4	4	-2	47	-2	0	0	
KHARGA	40	4	35	00	0	0	—	22.2	+3.6	12	21	-2	9	+3	59	4	0	0	
SUEZ	00	0	35	00	0	0	—	21.2	+3.7	10			7	-3	88	8	0	0.3	11
TÛR	310	4	50	00	0	0	—	19.9	+2.7	16	21	0	12	+3	42	3	0	4	10
HURGHADA	250	14	30	03	0	2	cu, ac	20.3	+3.4	14	19		10		67	8	0	0	
QUSEIR	330	13	15	00	0	2	ac	18.7	+2.2	16			15	+1	59	8	0	dr.	4
PORT SÛDÂN	340	19	7	07	2	6	sc, ac	15.3		23	29		21		47	11	0	154	91
WÂDI HALFA	260		30	02	0	0	—	19.7		10	24					0	0	dr.	
ABU HAMAD	230	6		0	0		—			15	28				52	5	0		
KAREIMA	20	9	30	02	0	0	—	17.2		14	28		11		55	5	0	dr.	1
'ATBARA	360	13	4	07	0	0	—	14.0		17	31		13		20	-1	0	0.3	2
KHARTÛM	360	11	30	02	0	0	—	13.4		18	33		10		60	10	0	dr.	4
KASSALA											38								8
WÂD MEDANI	20	9	35	02	0	0	—	12.4		19	37		14		19	-5	0	46	12
RENK																			49
ROSEIRES	360	5	35	02	0	0	—	11.9		19			16		49	8	0	0	36
EL OBEID	360	13	10	02	0	0	—	13.8		16	32		13		19	-8	0	7	16
EL FÂSHER											33								6
GENEINA											33								4
MALAKÂL	30	19	50	02	0	0	—	9.8		23	39		21		16	-4	0	70	88
WÂU	20	5	10	05	1	8	cs	10.1		22	39		21		38	7	0	144	105
JUBA	90	5	30	03	6	8	ac	9.5		25	34		22		58	16	dr.	192	148

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	68	+3
Ezbeklya	67	+3
Gîza	63	-6
Helwân	64	+10

GÎZA GRASS MINIMUM TEMP. ON 6th 1.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 5th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	16	52	330	10
950					
900					
850	1490	3	84	300	15
800					
700	3038	-6		300	18
600					
500	5572	-24		300	40
400	7186	-36		300	60
300	9144	-44		300	121

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

Station	Kharga		Port Said		Hurghada		Asyut		Fouad A.P.		Siwa		Minya		Dakhla		Matruh		S. Barrani						Minya	
Time	14		14		14		14		14		14		14		14		14		14						20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	14	310	16	340	14	330	12	310	13	300	24	330	13	200	12			330	10					340	23
600	360	17	300	17	340	17	330	16	310	13	300	15	340	10	200	14	310	17	320	13					350	23
1000	10	16	300	17	320	18	330	16	300	15	270	15	330	11	180	18	300	19	310	15					350	24
1500			300	22			320	18	320	19	290	19	330	15					290	19					320	9
2000			290	20			320	23	320	20	300	22														
3000							290	32			310	19							290	21						
4000																			290	25						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		5		8				7 45		3				8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			270	4	330	12	300	11			150	3	20	16			20	3					290	6
600			340	5	320	12	310	9			330	10	20	16			10	13					320	10
1000			360	10	330	15	320	9			360	13	360	16			20	16					350	10
1500			340	10	320	15	360	9			350	13					60	10					350	12
2000			290	5			20	8			360	13												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahârîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											5				4				4 45				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											30	27			10	20							20	27
1000											40	28			10	32			20	44			30	44
1500											340	5			40	12			20	17			40	34
2000																			30	18			70	19
3000											280	30			360	15			300	23				
4000															70	7								
5000																								
6000																								
7000																								
8000																								

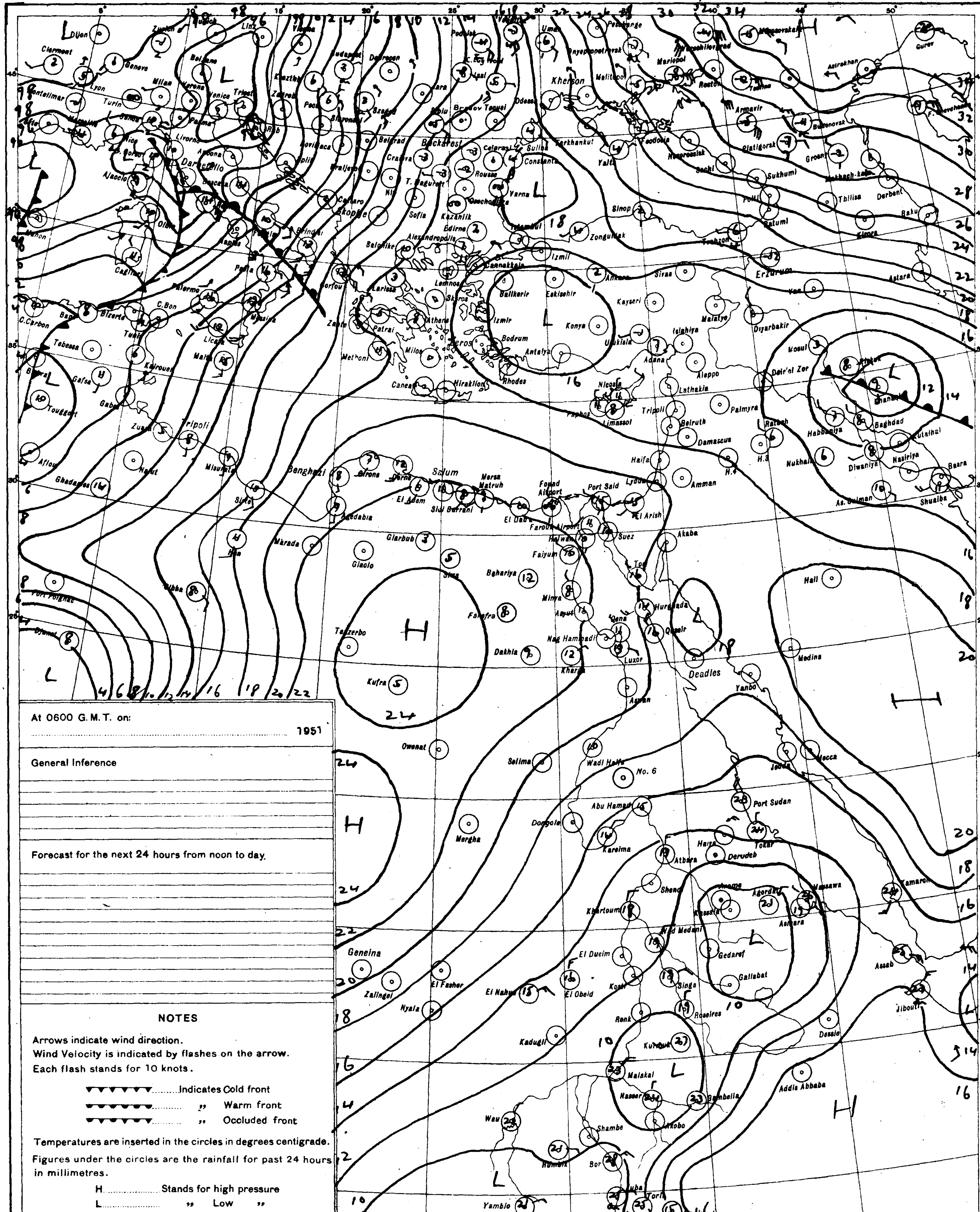
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/537).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 6-2-1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain / Hail	Thunderstorm during the past hour	91 / 93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 42 G. M. T.

" " Sunset 15 37 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, —. EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 7th February, 1951

At 1200 on Tuesday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	70	5	35	03	2	7	cc	19.9	19	37	4
	303	SÎDI BARÂNI	340	3	18	02	2	7	cs	20.7	17	49	6
	306	MATRÛH	40	5	15	02	2	7	cu, ci	21.4	17	49	6
	309	EL DABA											
		ALEXANDRIA	270	12	50	02	8	5	cb	21.4	17	60	9
	318	FOUAD (Airport)	340	12	18	03	1	7	cu, ci	21.3	18	60	10
	330	DAMIETTA	290	5	35	01	1	3	cu	20.7	17	60	9
	333	PORT SA'ÎD	350	10	30	01	0	1	cu	20.7	17	64	10
	336	EL 'ARISH	320	9	35	01	0	1	cu	19.8	18	60	10
Lower Egypt	339	DAMANHUR	360	9	15	02	2	3	cu	21.8	19	46	7
	342	MANŞURA	320	5	35	02	1	3	cu	21.4	19	46	7
	348	TANTA	270	2	35	01	1	4	cu, sc	20.6	20	41	6
	354	ZAGAZIG	320	2	35	02	1	3	cu	20.7	19	52	9
	440	ISMA'ÎLÎA	20	5	35	03	2	7	cu	20.7	18	52	8
Cairo Area	366	FAROUK (Airport)	360	3	30	03	1	5	sc	20.7	18	60	10
	372	ALMÂZA	320	6	15	02	2	5	sc	20.8	18	56	9
		EZBEKÎYA	310	8	18	02	1	5	cu	20.8	20	38	5
		GÎZA	310	8	18	02	1	5	cu	20.9	18	52	8
	378	HELWÂN	340	2	35	03	2	5	cu	20.7	18	46	6
Upper Egypt	381	FAIYÛM	00	0	35	03	1	3	cu, sc	20.7	19	46	7
	387	MINYA	360	9	10	02	1	1	cu, ci	20.8	20	35	4
	393	AŞYÛT MANQABÂD	300	10	18	00	0	0	—	19.9	20	41	6
	399	NAG' HAMMÂDI	340	2	7	00	0	0	—	19.1	23	32	5
	402	QENA	360	2	50	00	0	0	—	18.3	22	29	3
	405	LUXOR	20	6	30	00	0	0	—	18.2	21	26	1
	414	ASWÂN	20	5	50	00	0	0	—	16.6	23	19	-2
Oases	417	SÎWA	110	3	15	03	1	5	ci	22.3	21	33	4
	420	BAHARÎYA	360	2	35	02	2	3	ac	21.4	19	37	4
	423	FARAFRA	110	7	35	02	0	0	—	21.6	20	33	3
	432	DAKHLA	340	4	50	00	0	0	—	18.4	20	33	3
	435	KHARGA	20	4	35	00	0	0	—	19.5	21	33	4
Red Sea	450	SUEZ	00	0	50	03	0	3	cu	19.6	19	37	4
	459	TÛR	310	9	50	00	0	0	—	18.6	19	46	7
	462	HURGHÂDA	330	15	30	00	0	0	—	18.2	19	52	9
	465	QUSEIR	20	19	15	02	1	2	ac	18.8	21	44	8
	641	PORT SÛDÂN	20	22	10	01	2	5	sc, ac	14.1	26	51	15
North Sûdân	600	WÂDI HALFA	20	16	50	02	0	0	—	16.0	23	16	-4
	640	ABU HAMAD	20	9	30	02	0	0	—		26	11	-7
	660	KAREIMA	20	13	30	02	0	0	—	12.7	26	16	-2
	680	'ATBARA	310	13	7	07	0	0	—	9.1	29	20	4
	721	KHARTÛM	20	11	30	02	0	0	—	8.8	29	11	-5
	730	KASSALA	20	8	30	02	0	0	—	3.9	34	29	13
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	0	—	5.6	34	9	-4
	801	RENK	310	14	35	02	0	3	ci	7.9	32	17	4
	802	ROSEIRES	50	13	35	02	0	0	—		36	13	3
	771	EL OBEID	50	12	30	02	0	6	—	8.6	28	8	-10
	760	EL FÂSHER	50	9	7	06	0	2	ci		27	19	1
	770	GENEINA	50	12	10	05	0	1	ci		30	13	-1
S. Sûdân	840	MALAKÂL	20	12	30	04	0	0	—	4.6	35	9	-3
	880	WÂU	70	9	10	05	2	8	ci	4.8	35	10	-1
	941	JUBA	70	2	30	01	2	7	cu, ac	3.3	35	25	12

At 1800 on Tuesday 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM	110	2	15	02	2	6	ac	21.2	16	49	5	0
SÎDI BARÂNI	130	7	14	02	2	8	ac	21.4	14	59	6	0
MATRÛH	130	3	13	02	2	5	ac	22.4	13	67	7	0
EL DABA	00	0	7	00	0	0	—	22.3	14	67	8	0
ALEXANDRIA	310	8	35	01	2	4	ac, ci	22.6	15	68	9	dr.
FOUAD (Airport)	330	4	12	01	1	1	ac	22.2	14	77	10	0
DAMIETTA	320	5	7	01	0	2	—	21.8	14	77	10	0
PORT SA'ÎD	350	8	15	01	0	0	—	22.1	16	64	9	0
EL 'ARISH												
DAMANHUR	360	9	15	02	1	5	ac	23.0	14	77	10	0
MANŞURA	40	5		00	1	0	—	22.4	13	77	9	0
TANTA	00	0	35	03	2	6	cu	22.8	12	77	8	0
ZAGAZIG	40	1	35	02	1	0	—	22.7	13	41	7	0
ISMA'ÎLÎA	20	2	35	01	0	0	—	22.6	13	77	9	0
FAROUK (Airport)	40	10	12	00	2	0	—	22.4	14	67	8	0
ALMÂZA	40	7	12	00	0	0	—	22.0	15	63	8	0
EZBEKÎYA	40	6	12	00	0	0	—	22.3	15	59	7	0
GÎZA	40	6	12	00	0	0	—	22.0	15	59	7	0
HELWÂN	340	5	15	01	1	0	—	22.0	15	48	4	0
FAIYÛM	00	0	35	01	0	0	—	22.4	14	67	8	0
MINYA	360	3	8	01	1	1	ci	21.4	12	59	4	0
AŞYÛT MANQABÂD	300	4	12	00	0	0	—	20.9	12	72	7	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	19.5	15	68	9	0
QENA	20	2	7	00	0	0	—	18.3	15	59	7	0
LUXOR												
ASWÂN	350	4	60	00	0	0	—	17.6	19	23	-3	0
SÎWA	00	0	10	01	1	2	ci	22.0	14	36	-1	0
BAHARÎYA	00	0	15	02	1	0	—	22.2	12	63	5	0
FARAFRA	290	2	15	02	0	0	—	22.3	13	55	4	0
DAKHLA	360	3	50	00	0	0	—	19.8	17	26	-3	0
KHARGA	00	0	15	00	0	0	—	20.7	14	36	-1	0
SUEZ	360	3	15	01	0	0	—	21.5	13	67	7	0
TÛR	310	5	15	00	0	0	—	19.2	18	46	6	0
HURGHÂDA	310	18	18	00	0	0	—	18.5	19	56	10	0
QUSEIR	310		35	00	0	0	—	19.1	18	52	8	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	360	5	30	03	0	1	ci	7.2	27	27	6	0
WÂU	20	2	30	02	0	0	—	6.7	28	27	7	0
JUBA	00	0	30	13	1	6	cb, ac	5.0	29	43	15	dr.

At 0600 on Wednesday 7th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALŪM	180	13	15	03	2	8	ac	19.1		14	20		13		48	3	0	84	
SÎDI BARÂNI	150	9	13	00	0	8	as	19.6		13	20		11		63	6	0	96	
MATRÛH	210	12	14	02	2	7	ac	21.5	+4.5	14	18		12		63	7	0	Rain	
EL DABA	210	10	15	00	0	0	—	22.2		12	18		10		77	8	0	33	
ALEXANDRIA	130	8	35	02	2	7	sc, cu	22.3	+4.4	13	19	0	12	+2	72	8	dr.	42	152
FOUAD (Airport)	00	0	12	03	2	7	ac	22.4		12	19		10		88	10	dr.	44	116
DAMIETTA	110	2	3	42	2	8	ac	22.3	+5.5	13	18		9		88	11	0	Rain	75
PORT SA'ÎD	90	6	18	03	1	7	cu, ac	22.0	+5.2	16	19		15		68	10	0	9	
EL 'ARISH	140	2	35	03	2	7	cu	22.3	+4.7	13			10	+2	88	11	0	Rain	57
DAMANHÛR	230	5	7	02	1	5	ac	23.1	+5.9	12	20	0	9	+1	88	10	0	25	66
MANŞURA	360	5	15	03	2	8	sc, cu	22.6	+5.6	10	21	+1			88	8	0	20	32
TANTA	00	0	7	03	2	8	cu	23.0	+5.5	8	20	-1	6	-1	88	6	0	16	26
ZAGAZIG	140	2	15	03	1	8	sc	22.2	+4.3	7	21	+1	7	+1	81	4	0	Rain	17
ISMA'ÎLÎA	160	2	35	03	2	7	ac	22.4		11	21		9		88	9	0	11	
FAROUK (Airport)	110	11	14	03	2	7	ac	22.2		12	20		10		88	10	0	dr.	
ALMÂZA	120	12	12	03	2	7	sc, ac	22.0	+4.1	11	19		10		82	8	0	1	
EZBEKÎYA	00	0	12	02	1	8	sc	22.6	+4.7	13	21	0	10	+2	77	9	0	1	15
GÎZA	00	0	12	02	1	8	sc	22.4	+4.7	9	21	0	6	0	88	7	0	2	16
HELWÂN	40	7	15	03	2	8	ac, cc	21.8	+3.2	13	19	0	11	+3	67	7	0	2	16
FAIYÛM	00	0	35	03	2	7	ac	22.6	+4.6	13	21	-1	6	-1	67	7	0	dr.	5
MINYA	330	4	8	03	1	6	ac, ci	21.5	+2.9	9	20		5		62	2	0	0	
AŞYÛT MANQABÂD	00	0	8	10	0	3	ac	21.8	+2.3	10	20		7		76	6	0	dr.	
NAG' HAMMÂDI	00	0	7	01	0	6	ac	21.1	+3.1	10	24		5		76	6	0	0.1	
QENA	270	1	15	03	1	1	cu	20.8	+3.0	10	23	-1	8	+1	62	3	0	0	
LUXOR	60	2	30	00	0	0	—	20.5	+2.6	14			4		48	3	0	0	
ASWÂN	350	3	50	00	0	0	—	21.0	+2.7	12	23	-2	10	-1	51	2	0	0	
SÎWA	100	2	10	03	2	5	ac, ci	21.2	+1.5	10	22	+1	9	+5	50	0	0	dr	6
BAHARÎYA	00	0	35	02	1	3	ac	22.4	+3.7	14	20	-1	7	+1	67	8	0	0	6
FARAFRA	00	0	35	02	2	8	ac	23.0		11	21		5		51	1	0	dr.	
DAKHLA	00	0	50	01	1	5	ci	23.1	+3.8	6	21	-2	4	-2	57	2	0	0	
KHARGA	360	1	35	03	1	3	ci	20.6	+2.1	13	21	-3	9	+3	55	1	0	0	
SUEZ	00	0	15	00	0	8	sc	21.5	+4.0	12	22	+2	8	-2	77	8	0	0.3	11
TÛR	360	2	50	00	0	0	—	20.2	+3.0	12	20	-1	10	+1	55	3	0	4	10
HURGHADA	240	11	30	03	0	4	ac	19.8	+3.0	15	20		10		55	6	0	0	
QUSEIR	310	9	15	00	1	3	ci	20.4	+4.0	18	23	0	15	+1	52	8	0	dr.	4
PORT SÛDÂN	320	12	50	02	0	1	ac	13.6		22	26		17		57	13	0	154	91
WÂDI HALFA	350	5	30	03	0	1	ci	19.1		11	24		8		51	1	0	dr.	
ABU HAMAD	10	7	30	02	0	0	—			15	28		10		45	3	0		
KAREIMA	70	4	30	02	0	0	—	16.0		16	27		12		42	3	0	dr.	1
'ATBARA	20	13		07	0	0	—	14.7		18	30		14		49	7	0	0.3	2
KHARTÛM	10	16	30	02	0	0	—	13.6		18	31				32	1	0	dr.	4
KASSALA	50	6	30	02	0	0	—	10.7		22	34		14		65	15	0	dr.	8
WÂD MEDANI	360	9	35	02	0	0	—	15.5		18	36		16		34	2	0	46	12
RENK	360	13	35	02	0	1	ci	13.9		21	33		15		26	1	0		49
ROSEIRES	360	5	35	02	0	0	—			21	38		18		35	5	0	0	36
EL OBEID	360	10	30	03	0	2	ci	14.3		15	30		13		15	-12	0	7	16
EL FÂSHER	20	3	30	03	1	4	ci			11	29		7		26	-8	0	6	6
GENEINA	50	8	30	03	1	4	ci			13	32		12		44	1	0		4
MALAKÂL	20	14	30	03	2	8	ci	11.2		22	35		18		13	-8	0	70	88
WÂU	360	2		04	2	7	ci	11.1		20	36		17		38	5	0	144	145
JUBA	20	5	35	02	0	2	ac	13.8		23	36		20		41	9	1	193	148

HUMIDITY %

Mean of day

Station	on 6th	Diff. from normal
Alexandria	58	-7
Ezbeklya	66	+2
Gîza	61	-8
Helwân	62	+8

GÎZA

GRASS MINIMUM TEMP.

ON 7th 4.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 6th At 16h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	179	16	49	350	9
950					
900					
850	1531	4	75	360	9
800					
700	3097	-2		330	17
600					
500	5720	-15		310	43
400	7367	-28		320	52
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 6th

Station	Minya		Hurghada		Suez		Dakhla		Farouk		Matruh		Luxor		Fouad A.P.		P. Said		Farouk		Fouad		P. Said		Minya	
Time	14		15	14	14		14		14		14		14	45	14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	22	350	23	190	3	210	7	350	11	40	10	10	9	330	9	330	14	60	14	350	6	320	11	360	15
600	10	19	350	36	180	3	240	19	10	10	50	9	350	4	340	9	310	17	40	16	340	5	340	9	10	19
1000	360	17	340	23	180	4	80	14			80	2	10	22	340	10	290	11	30	10	330	4	350	6	20	16
1500	40	9	280	14	100	9							30	14	20	6	340	14	340	7			10	5	40	10
2000	30	8	270	7	70	6							20	13	50	5	330	12	350	10					280	10
3000	360	10			300	11													360	10						
4000					290	22																				
5000					270	32																				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time					2		2				7	15	2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					100	9	60	9			150	3	60	18									
600					80	10	60	10			100	19	60	21									
1000					60	6	30	14			80	31	80	16									
1500					40		40	15			360	6											
2000											310	17											
3000											310	39											
4000											300	27											
5000											300	31											
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									5		4		5		4								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	14														
600									60	15	30	15	50	10	10	24							20	19
1000									70	17	40	17			30	29							20	38
1500									50	10	20	16	250	21	350	13								
2000															300	10								
3000									310	11	310	19	350	13	300	7							130	8
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

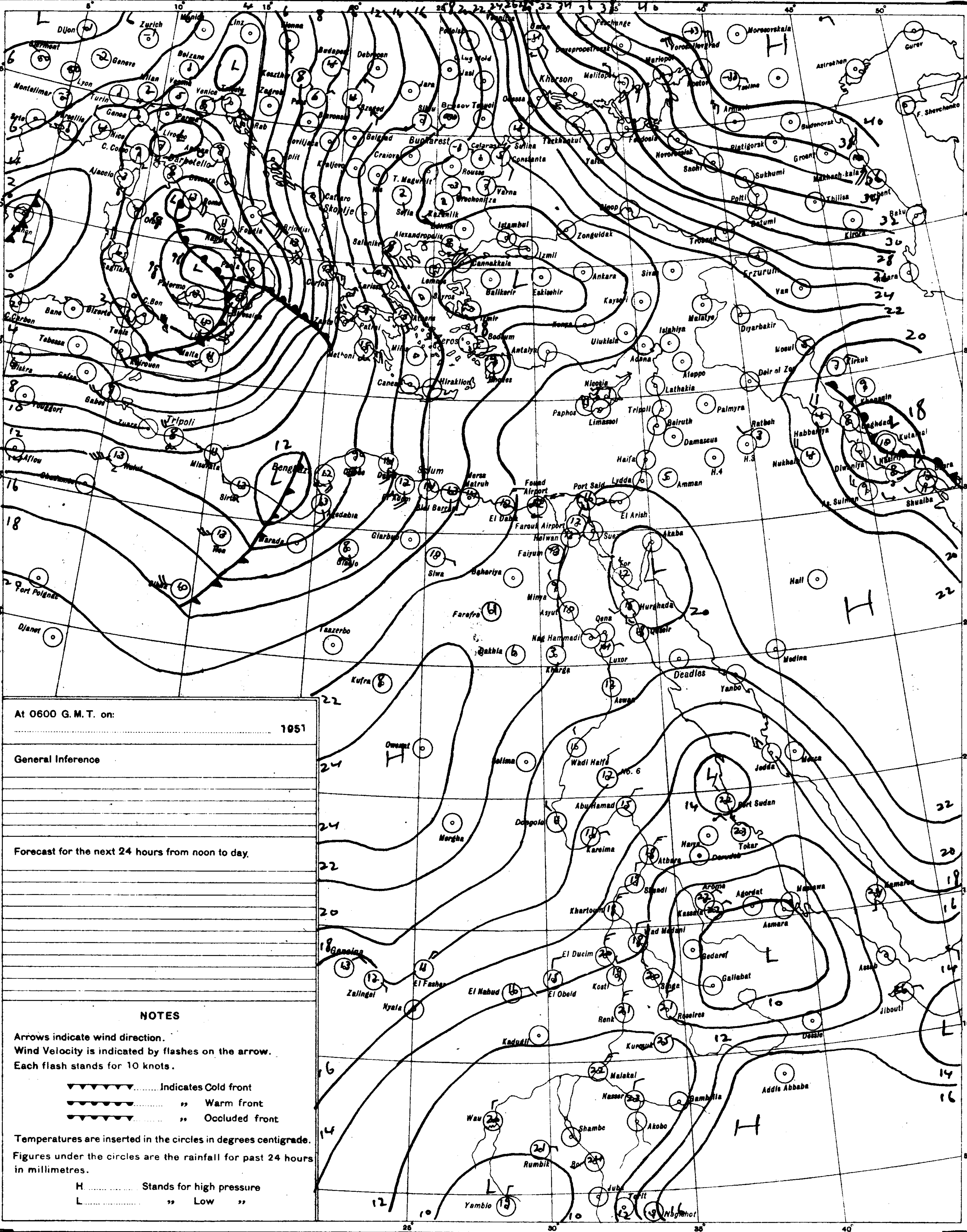
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 7-2 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
●●●●●●●.......... ,, Warm front
●▼●▼●▼●.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H................ Stands for high pressure
L................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	-○-
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	⌇
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	ɛ
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	==
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	▽]
	,, ,, hail	27	◇]
	Fog	28	≡]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	S
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	▽
	,, ,, hail	87	◇
Rain	Thunderstorm during	91	R]•
Hail	the past hour	93	R]△
	Thunderstorm with rain	95	R
	,, ,, hail	96	R
	,, ,, Sandstorm	98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 42 G.M.T.
" " Sunset 15 37 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 8th February, 1951

At 1200 on Wednesday 7th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	308	SÎDI BARÂNI	180	10	15	03	2	7	ac, ci	16.5	18	46	6
	306	MATRÛH	200	15	15	03	2	7	ac	18.4	17	52	7
	309	EL DABA	160	9	35	03	2	1	ac	18.6	18	46	6
		ALEXANDRIA	130	10	50	02	2	8	sc, ac	20.3	17	60	9
	318	FOUAD (Airport)	300	2	18	02	2	8	ac	20.4	18	52	8
	330	DAMIETTA	140	2	7	02	2	8	ac	20.8	18	60	10
	333	PORT SA'ÎD	40	1	30	02	2	7	ac	20.3	18	60	10
	336	EL 'ARISH	40	2	35	02	0	7	sc	21.0	18	60	10
Lower Egypt	339	DAMANHUR	130	5	15	03	2	8	as	21.2	17	60	9
	342	MANSURA	40	5	35	03	2	6	sc, cu		20	56	11
	348	TANTA											
	354	ZAGAZIG	320?	3	35	01	2	5	sc	19.8	20	46	8
	440	ISMA'ILÎA	110	2	35	03	2	7	ac	19.9	20	41	6
Cairo Area	366	FAROUK (Airport)	40	7	30	02	2	7	ac	19.7	20	46	8
	372	ALMÂZA	70	11	15	03	2	6	ac, cs	19.3	19	43	6
		EZBEKÎYA	40	4	18	02	1	6	sc, cu	19.2	21	35	5
		GÎZA	40	4	18	02	1	6	sc, cu	19.1	21	33	4
	378	HELWÂN	00	0	50	03	1	7	ac, cc	19.0	21	33	4
Upper Egypt	381	FAIYÛM	00	0	15	02	2	7	ac	18.7	20	46	8
	387	MINYA	20	4	8	03	2	6	ci	19.0	20	30	2
	393	ASYÛT MANQABÂD	320	2	18	02	2	3	ci	18.5	19	49	8
	399	NAG' HAMMÂDI	00	0	15	02	0	5	ac	17.2	24	38	9
	402	QENA	320	2	50	02	1	4	ci	17.8	23	32	5
	405	LUXOR	340	5	30	03	1	2	ac	17.2	22	29	3
	414	ASWÂN	350	3	50	00	0	0	—	16.3	24	30	5
Oases	417	SÎWA	160	12	12	02	2	8	ac	18.8	19	35	3
	420	BAHARÎYA	90	3	35	03	2	7	—	19.6	20	46	8
	423	FARAFRA	110	4	35	02	2	7	ac	20.1	19	46	7
	432	DAKHLA	270	3	50	01	0	1	ci	18.4	22	29	3
	435	KHARGA	00	0	35	03	2	4	ci	17.6	24	21	0
Red Sea	450	SUEZ	00	0	50	03	0	5	sc, cu	18.6	20	33	3
	459	TÛR	220	2	50	00	0	0	—	18.6	20	46	8
	462	HURGHADA	10	5	30	02	2	3	ci	18.1	20	60	12
	465	QUSEIR	20	9	15	03	1	4	ci	18.3	21	74	16
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	340	17	50	02	0	0	—	12.9	25	14	-5
	640	ABU HAMAD											
	660	KAREIMA	50	5	30	02	0	0	—	10.4	28	19	2
	680	'ATBARA											
	721	KHARTÛM	10	13	30	02	0	0	—	9.3	30	24	7
	730	KASSALA	20	9	10	06	0	0	—	5.8	33	30	13
Central Sudan	751	WÂD MEDANI	50	9	35	02	0	0	—	7.5	32	21	7
	801	RENK	310	13	35	02	0	2	—	9.5	32	21	7
	802	ROSEIRES											
	771	EL OBEID	20	10	30	03	0	3	ci	9.3	29	10	-6
	760	EL FÂSHER	70	5	30	02	1	3	ci		29	9	-7
	770	GENEINA	20	5	30	03	1	3	ci		34	8	-5
S. Sudan	840	MALAKÂL	20	8	30	02	2	8	cs	6.2	35	12	1
	880	WÂU	70	4	10	03	2	8	cs	7.3	31	13	0
	941	JUBA	90	2	10	04	0	8	cu, cs	4.3	36	22	11

At 1800 on Wednesday 7th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	200	9	15	01	1	7	sc	14.6	17	34	1	0
SÎDI BARÂNI	170	10	12	01	2	4	sc	15.5	15	48	4	0
MATRÛH	180	7	15	02	2	3	ac	18.1	13	63	6	0
EL DABA	00	0	7	00	0	0	—	18.4	13	55	4	0
ALEXANDRIA	90	5	35	01	2	4	sc	19.9	15	68	9	0
FOUAD (Airport)	90	7	12	01	2	0	—	19.3	14	88	12	0
DAMIETTA	90	5	7	00	0	0	—	18.9	16	68	10	0
PORT SA'ÎD	90	15	14	02	2	7	ac	19.1	16	68	10	0
EL 'ARISH												
DAMANHUR	130	5	7	01	1	4	ac	20.2	14	77	10	0
MANSURA	40	9		03	2	6	sc, cu	19.2	14	67	8	0
TANTA	00	0	35	01	2	4	cu	19.5	14	77	10	0
ZAGAZIG	40	5	35	02	1	0	—	19.1	15	68	9	0
ISMA'ILÎA	40	5	35	01	0	0	—	19.4	14	67	8	0
FAROUK (Airport)	70	76	12	02	2	7	ac	18.0	17	52	7	0
ALMÂZA	70	10	12	02	2	5	ac	18.1	17	42	4	0
EZBEKÎYA	40	3	12	02	1	8	sc, cu	18.8	17	46	5	0
GÎZA	40	3	12	02	1	8	sc, cu	18.3	18	46	6	0
HELWÂN	20	6	15	02	2	8	ac	18.4	17	34	1	0
FAIYÛM	00	0	35	02	2	7	ac	18.3	16	59	8	0
MINYA	20	3	8	02	2	5	ci	18.7	14	67	8	0
ASYÛT MANQABÂD	250	5	8	01	1	3	ac	18.8	15	48	4	0
NAG' HAMMÂDI	00	0		03	0	6	ac	17.6	16	68	10	0
QENA	360	2	7	02	1	4	ci	17.8	16	59	8	0
LUXOR	00	0	12	02	2	3	sc, cu	17.5	16			0
ASWÂN	350	4	50	00	0	0	—	16.9	21	33	4	0
SÎWA	100	4	10	01	2	1	ci	18.0	14	48	3	0
BAHARÎYA	90	1	15	02	1	4	ac	19.0	16	34	0	0
FARAFRA	130	4	15	02	2	7	ac	19.0	16	49	5	0
DAKHLA	360	3	50	01	1	2	ci	19.4	17	34	1	0
KHARGA	00	0	35	00	0	0	—	18.7	19	26	-1	0
SUEZ	00	0	15	01	0	0	—	17.4	16	49	5	0
TÛR	260	2	15	00	0	0	—	18.0	15	48	4	0
HURGHADA	140	2	10	01	1	0	—	17.8	16	52	6	0
QUSEIR	330	9	15	01	1	2	ci	18.2	19	64	12	0
PORT SUDÂN	330	9	10	02	0	0	—	14.0	23	53	13	0
WÂDI HALFA	360	10	50	01	0	0	—	15.9	19	28	0	0
ABU HAMAD	360	3	30	02	0	0	—		21	23	-1	0
KAREIMA	330	5	30	02	0	0	—	14.1	22	29	3	0
'ATBARA	340	5	30	02	0	0	—	11.6	22	25	1	0
KHARTÛM	360	8	30	02	0	0	—	10.9	25	24	3	0
KASSALA	360	5	30	02	0	0	—	9.4	24	36	8	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	4	30	01	1	1	ci	10.7	24	18	-2	0
EL FÂSHER	90	6	30	02	1	1	ci		25	15	-4	0
GENEINA	360	4	30	01	1	2	ci		25	13	-6	0
MALAKÂL	360	3	30	01	2	6	cs	8.4	27	25	5	0
WÂU	00	0	30	01	1	0	—	8.0	28	27	7	0
JUBA	270	2	10	04	2	8	cs	5.5	30	33	12	0

At 0600 on Thursday 8th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	01	0	0	—	14.6		10	21		8		76	6	0	84	
SÎDI BARÂNI	220	7	12	00	0	0	—	14.1		9	20		8		62	2	0	96	
MATRÛH	180	15	14	00	0	0	—	14.8	-2.2	12	12		7		59	4	0	Rain	
EL DABA	180	4	15	00	0	0	—	13.3		9	18		5		71	4	0	33	
ALEXANDRIA	130	10	35	04	0	0	—	16.4	-1.5	12	19	0	11	+1	88	10	0	42	153
FOUAD (Airport)	00	0	12	03	0	1	ac	16.9		12	19		9		77	9	0	44	117
DAMIETTA	110	5	7	03	1	2	ac	16.8	0.0	16	19		12		88	14	0	Rain	76
PORT SA'ÎD	140	4	11	01	0	1	ac	16.8	+0.1	15	19		13		82	12	0	9	
EL 'ARISH																			58
DAMANHUR	130	5	15	00	0	0	—	17.6	+0.5	12	20	0	9	+1	82	9	0	25	67
MANSURA	90	5	35	02	1	3	sc, cu	17.1	+0.1	10	22	+2	9	+2	88	8	0	20	33
TANTA	130	2	35	01	1	3	cu, sc	18.0	+0.5	10	20	-1	7	0	88	8	0	16	26
ZAGAZIG	140	1	35	03	1	4	cu	17.6	-0.2	10	21	+1	8	+2	88	8	0	Rain	17
ISMA'ILÎA	110	2	35	01	1	2	ac	16.8		15	21		11		59	7	0	11	
FAROUK (Airport)	00	0	18	03	1	2	sc	16.8		12	20		8		77	8	0	dr.	
ALMÂZA	180	1	12	02	1	2	ac	16.5	-1.3	10	20		8		62	3	0	1	
EZBEKÎYA	00	0	12	02	1	2	cu	16.4	-1.4	11	22	+1	8	0	63	4	0	1	16
GÎZA	00	0	12	02	1	2	cu	16.2	-1.5	10	22	+2	5	-1	88	8	0	2	16
HELWÂN	00	0	7	00	0	1	cu	16.3	-2.2	13	22	+3	9	0	34	3	0	2	17
FAIYÛM	00	0	35	01	0	0	—	16.5	-1.5	11	21	-1	8		77	7	dr.	dr.	5
MINYA	00	0	8	03	1	4	ac	16.7	-1.8	10	21		8		76	6	0	0	
ASYÛT MANQABÂD	180	3	5	10	1	5	ac	16.6	-2.8	14	20		12		77	10	0	dr.	
NAG' HAMMÂDI	00	0	15	02	0	7	ac	15.9	-2.0	11	25		8		77	7	0	0.1	
QENA	90	2	15	02	1	4	ci	16.3	-1.4	13	24	0	10	+3	55	4	0	0	
LUXOR	110	5	30	03	1	4	ac	16.5	-1.4	14	24		8		32	-3	0	0	
ASWÂN	20	1	50	01	1	3	ci	16.9	-1.3	15	25	0	12	+1	55	6	0	0	
SÎWA	00	0	10	00	0	0	—	16.8	-2.8	8	20	-1	3	-2	62	1	0	dr.	6
BAHARÎYA	00	0	35	02	1	3	ac	17.2	-1.4	13	21	-1	7	+1	67	7	0	0	6
FARAFRA	00	0	35	02	2	5	ac	17.2		13	21		10		55	4	0	dr.	
DAKHLA	00	0	50	03	1	7	ci	17.5	-1.8	12	24	+1	5	-1	33	-4	0	0	
KHARGA											25	+1					0	0	
SUEZ	00	0	35	00	0	2	cu, ac	16.2	-1.2	11	23	+3	8	-2	71	9	0	0.3	11
TÛR	40	4	50	00	0	0	—	16.6	-0.5	14	22	+1	10	+1	48	3	0	4	10
HURGHADA	230	10	30	02	2	7	ac	16.2	-0.5	17	21		13		56	8	0	0	
QUSEIR	270	9	15	00	1	3	ci	16.4	+0.1	18	24	+1	13	-1	52	8	0	dr.	4
PORT SUDÂN	310	8	50	02	0	1	ac	14.3		23	27		17		47	11	0	154	91
WÂDI HALFA											26								
ABU HAMAD	20	1	30	02	0	0	—			17	28		13		34	1	0		
KAREIMA	70	2	30	02	0	0	—	14.0		17	29		14		37	2	0	dr.	1
'ATBARA	360	5	30	02	0	0	—	13.3		18	30		14		49	7	0	0.3	2
KHARTÛM	360	9	30	02	0	0	—	12.7		18	31		12		34	2	0	dr.	4
KASSALA	40	2	30	01	2	0	—	11.3		19	34		13		64	12	0	dr.	8
WÂD MEDANI	50	9	35	02	0	0	—	12.0		19	33		13		28	0	0	46	12
RENK																			49
ROSEIRES																			36
EL OBEID											30								16
EL FÂSHER	40	3	30	03	0	0	—			12	31		8		24	-8	0	6	6
GENEINA	30	2	30	03	0	0	—			14	34		12		25	-6	0		4
MALAKÂL											35								88
WÂU	340	3	10	04	2	6	ac, ci	10.6		22	34		21		44	9	0	144	146
JUBA	180	2	10	05	0	8	ac, ci	10.4		25	37		20		36	9	0	193	149

HUMIDITY %

Mean of day

Station	on 7th	Diff. from normal
Alexandria	72	+7
Ezbeklya	56	-8
Gîza	59	-10
Helwân	46	-7

GÎZA
GRASS MINIMUM TEMP. ON 8th 1.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	163	18	32	60	9
950					
900					
850	1519	6	26	190	3
800					
700	3086	-1		300	21
600					
500	5700	-15		290	53
400	7350	-25		290	82
300	9377	-40		—	—

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 7th

Station	Dakhla		Port Said		Kharga		Sûwa		Minya		Hurghada		Asyut		Fouad A.P.		Farouk		S. Barrani				Farouk		Fouad A.P.	
Time	14		14		14		14		14		14		14		14		14		14				20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	3	30	5	360	2	150	24	310	9	70	5	320	8	110	9	50	13	190	24			80	15	100	9
600	290	3	40	7	360	2	160	26	310	9	70	7	270	8	120	9	50	11	190	25			100	11	140	6
1000	280	3	70	9	340	3	160	22	30	7	140	3	250	6	130	10	60	9	190	20			170	7	150	9
1500			130	6	340	6	190	20	320	3	300	10	320	3	150	8	130	5	200	18			230	5	210	6
2000			160	6	340	19	220	28	350	4			20	7	190	5	130	3					270	9	210	4
3000							210	26					320	31			120	8								
4000							230	31					300	47												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		2		2				7		2										8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			70	25	120	21	90	13			140	4	30	3									180	3
600			30	21	130	20	90	8			160	6	260	5									160	8
1000			210	17	130	9	70	3			190	6	220	5									150	10
1500			230	16	150	8	240	6			260	12	240	16									260	10
2000			230	18							260	9	240	10									270	8
3000											260	12											240	14
4000											290	17											250	14
5000											270	32												
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		5														4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	3	80	5														
600							360	5	50	15													20	15
1000							340	6	70	7													20	34
1500							250	3	30	11													10	11
2000																							350	3
3000									280	7													180	1
4000																								
5000																								
6000																								
7000																								
8000																								

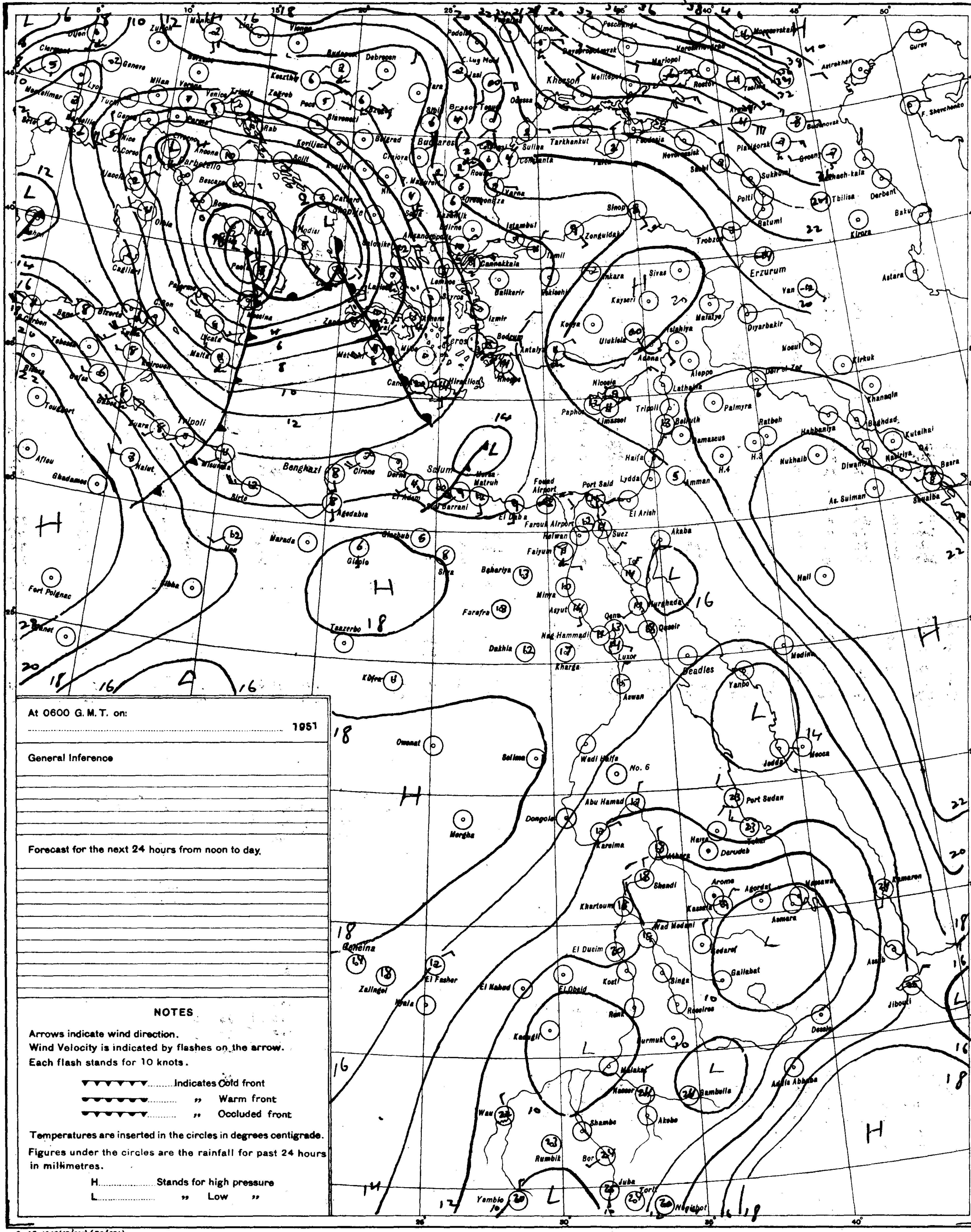
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 8.1.21 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	○
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	⌠
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	S
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	▽
	,, ,, hail	87	
Rain	Thunderstorm during	91	R]•
Hail	the past hour	93	R]△
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	R

FORM OF CLOUD

Cloudless		–
Cirrus	Ci	
Cirrostratus	Cs	
Cirrocumulus	Cc	
Altocumulus	Ac	
Altostratus	As	∠
Stratocumulus	Sc	
Nimbostratus	Ns	---
Cumulus or Fractocumulus	Cu or Fc	⌂
Cumulonimbus	Cb	
Stratus or Fractostratus	St or Fs	—

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

"Sourour"

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 4 41 G.M.T.

" " Sunset 15 38 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 9th February 1951

At 1200 on Thursday 8th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	290	7	35	00	0	0	—	11.1	21		
	303	SÎDI BARÂNI	290	4	12	05	0	0	—	11.4	18	46	6
	306	MATRÛH	340	19	7	07	0	0	—	11.4	21	26	1
	309	EL DABA	200	4	35	00	0	0	—	12.0	23	24	1
		ALEXANDRIA	130	9	50	00	0	0	—	12.8	22	36	6
	318	FOUAD (Airport)	220	5	18	02	0	0	—	13.1	22	33	6
	330	DAMIETTA	140	5	35	00	0	0	—	14.0	19	73	14
	333	PORT SA'ÎD	70	8	30	02	0	0	—	14.2	18	68	12
	336	EL 'ARISH	340	6	15	00	0	0	—	13.5	19	52	9
LOWER EGYPT	339	DAMANHUR	230	5	15	00	0	0	—	14.7	23	38	8
	342	MANŞURA	140	5	35	00	1	0	—	13.8	23	32	5
	348	TANTA	00	0	35	02	1	0	—	14.3	22	33	6
	354	ZAGAZIG	140	1	35	02	1	0	—	13.4	23	44	10
	440	ISMA'ÎLÎA	180	2	35	01	0	0	—	13.6	24	32	6
CAIRO AREA	366	FAROUK (Airport)	250	5	30	00	0	0	—	13.4	23	38	8
	372	ALMÂZA	250	6	30	00	0	0	—	13.0	23	38	8
		EZBEKÎYA	220	2	18	00	0	0	—	12.0	24	28	4
		GÎZA	220	2	18	00	0	0	—	13.4	26	25	4
	378	HELWÂN	200	3	15	02	0	0	—	12.4	23	24	1
UPPER EGYPT	381	FAIYÛM	00	0	35	02	0	0	—	14.2	23	32	5
	387	MINYA	220	4	10	02	1	1	Ac	13.7	24	32	6
	393	ASYÛT MANQABÂD	30	3	14	02	1	3	Ac, Ci	13.7	22	44	9
	399	NAG' HAMMÂDI	00	0		02	0	7	Ac	14.6	20	64	13
	402	QENA	320	2	50	02	1	4	Ci	13.1	22	44	9
	405	LUXOR	280	5	30	03	1	5	As, Ac	12.8	23	38	8
	414	ASWÂN	350	4	50	01	1	2	As	11.9	26	27	5
OASES	417	SÎWA	270	8	11	06	0	0	—	14.0	20	24	-1
	420	BAHARÎYA	180	2	35	01	1	2	Ac	13.0	25	30	5
	423	FARAFRA	180	6	35	02	2	5	Ac	13.6	25	36	8
	432	DAKHLA	00	0	50	02	2	7	Ci	13.8	21	11	-3
	435	KHARGA	00	0	35	03	0	8	Cu	14.8	22	29	3
RED SEA	450	SUEZ	130	2	50	01	0	0	—	12.8	22	44	9
	459	ṬÛR	270	4	50	00	0	0	—	13.3	22	50	11
	462	HURGHADA	40	4	30	03	2	5	Cc	11.5	22	61	14
	465	QUSEIR	20	9	15	03	2	5	Ac	14.2	22	50	11
	641	PORT SUDÂN	20	13	30	02	0	1	Cu	18.6	26	62	18
NORTH SUDAN	600	WÂDI HALFA	320	3	50	03	0	1	Cs	11.1	27	23	4
	640	ABU ḤAMAD	20	2	30	02	0	0	—		29	17	1
	660	KAREIMA	60	3	30	02	0	0	—	8.9	29	29	9
	680	'ATBARA	360	2	30	02	0	0	—	7.5	29	20	4
	721	KHARTÛM	70	7	30	02	0	0	—	6.8	32	17	4
	730	KASSALA	340	4	30	02	0	0	—	4.1	35	23	11
CENTRAL SUDAN	751	WÂD MEDANI	310	9	35	02	0	0	—	5.4	33	20	7
	801	RENK	310	9	35	02	0	0	—		34	12	1
	802	ROSEIRES	360	9	35	02	0	0	—	5.1	35	15	7
	771	EL OBEID	50	6	30	02	0	0	—	7.2	30	12	-2
	760	EL FÂSHER	240	3	30	03	0	1			30	12	-2
	770	GENEINA	270	1	30	02	0	1	Ci		32	14	1
S. SUDAN	840	MALAKÂL	50	9	30	03	2	6	Ac, Ci	5.3	34		
	880	WÂU											
	941	JUBA	360	9	30	04	2	4	Cu, Cs	4.1	36	13	8

At 1800 on Thursday 8th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	220	5	15	03	1	4	As	11.2	14	55	5	dr.
SÎDI BARÂNI	150	4	12	05	0	8		11.5	14	55	5	0
MATRÛH	320	8	12	00	0	0	—	11.4	14	67	8	0
EL DABA	320	8	7	00	0	0	—	10.6?	16	59	8	0
ALEXANDRIA	90	17	35	00	0	0	—	11.4	15	77	11	0
FOUAD (Airport)	20	6	18	02	0	0	—	11.9	19	60	11	0
DAMIETTA	270	5	7	00	0	0	—	13.0	15	88	13	0
PORT SA'ÎD	80	9	18	02	0	0	—	12.0	16	77	12	0
EL 'ARISH	40	4	10	00	0	0	—	13.0	14	88	12	0
DAMANHUR	230	5	7	00	0	0	—	12.0	14	88	12	0
MANŞURA	40	9		00	0	0	—	12.2	14	77	10	0
TANTA	00	0	35	02	0	0	—	13.0	14	67	8	0
ZAGAZIG	40	1	35	02	0	0	—	12.2	12	77	8	0
ISMA'ÎLÎA			35	03	2	0	—	12.2	15	59	7	0
FAROUK (Airport)	200	9	12	00	0	0	—	12.4	18	49	7	0
ALMÂZA												
EZBEKÎYA	180	2	12	00	0	0	—	11.8	15	45	3	0
GÎZA	180	2	12	00	0	0	—	12.6	14	48	3	0
HELWÂN	00	0	35	00	0	0	—	11.9	18	28	-1	0
FAIYÛM	00	0	35	02	0	0	—	12.7	15	48	4	0
MINYA	180	2	8	02	1	1	Ac	12.6	15	42	2	0
ASYÛT MANQABÂD	180	3	8	02	2	6	Ac	12.7	20?	38	5	0
NAG' HAMMÂDI	00	0		02	0	7	As	13.9	17	77	13	0
QENA	320	2		02	1	4	Ci	13.6	18	52	8	0
LUXOR	360	8	12	03	2	8	As	13.2	19	56	10	0
ASWÂN	00	0	50	00	0	0	—	12.0	23	24	1	0
SÎWA	300	2	10	03	0	1	Ci	13.9	13	44	1	0
BAHARÎYA	270	4	15	02	0	0	—	12.6	18	37	3	0
FARAFRA	220	3	15	02	1	0	—	12.9	17	42	4	0
DAKHLA	00	0	20	01	2	4	—	14.6	17	34	1	0
KHARGA	00	0	15	01	1	7	Ac	15.9	18	37	3	0
SUEZ	00	0	15	02	0	0	—	11.9	15	68	9	0
ṬÛR	130	2		00	0	0	—	12.7	19	52	9	0
HURGHADA	140	5	12	02	2	7	Ac	12.3	20	53		
QUSEIR	180	9	15	03	2	6	Ac	13.8	21	65	14	0
PORT SUDÂN	310	7	30	02	0	0	—	12.3	23	78	19	2
WÂDI HALFA	360	7	50	02	0	1	Ac	12.0	21	28	2	0
ABU ḤAMAD	350	1	30	02	0	0	—		23	20	-1	0
KAREIMA	340	4	30	02	0	0	—	10.2	24	30	5	0
'ATBARA	360	2	30	02	0	0	—	7.3	28	27	7	0
KHARTÛM	360	7	30	01	0	0	—	8.5	25	28	5	0
KASSALA	40	2	30	02	0	0	—	7.2	24	44	11	3
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	20	5	30	02	1	0	—	5.7	27	25	5	0
WÂU								5.6	29			0
JUBA	50	2	30	01	1	2	Ci	5.6	27	37	11	0

At 0600 on Friday 9th February

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	250	9	15	00	1	3	Ci	10.3		9	22		8		71	4	dr.	84	
SÎDI BARÂNI	230	9	14	00	0	3		10.3		9	18				71	4	0	96	
MATRÛH	270	13	12	00	0	0	—	11.0	-5.9	9	22		7		67	3	0	Rain	125
EL DABA	250	5	15	00	0	0	—	11.7		9	24		7		71	4	0	33	
ALEXANDRIA	220	10	50	00	0	0	—	11.2	-6.6	14	22	+3	12	+1	67	8	0	42	153
FOUAD (Airport)	250	10	18	02	0	0	—	10.8		13	23		9		82	10	0	44	118
DAMIETTA	220	5	7	03	2	7	Sc	12.2	-4.6	11	20		6		95	11	0	Rain	76
PORT SA'ÎD	260	16	12	01	2	6	Ac, Cs	10.5	-6.3	14	19		14		77	10	0	9	
EL 'ARISH	220	5	35	02	3	7	Sc	10.3	-7.2	19	21	+1	10		52	9	0	Rain	59
DAMANHUR	270	5		00	0	0	—	12.2	-4.8	11	24	+4	9	+1	88	9	0	25	68
MANŞURA											25	+5							33
TANTA	320	2	35	03	2	7	Cu, Sc	13.4	-4.0	12	24	+3	9	+2	88	10	0	16	26
ZAGAZIG	320	9	15	03	1	6	Sc	12.2	-5.6	12	25	+5	10	+4	88	10	0	Rain	17
ISMA'ÎLÎA											25								
FAROUK (Airport)	200	12	12	03	2	7	Ac	13.0		14	25		12		67	8	0	dr.	
ALMÂZA	230	13	15	02	2	7	Sc, Ac	12.5	-5.3	12			12		72	7	0	1	
EZBEKÎYA	130	2	12	02	1	7	Cu	13.0	-4.9	13	25	+4	11	+3	59	5	0	1	16
GÎZA	130	2	12	02	1	7	Cu	13.3	-4.3	13	26	+6	9	+3	55	4	0	2	16
HELWÂN	140	3	7	01	2	7	Sc	13.4	-5.0	12	24	+5	11	+2	44	0	0	2	17
FAIYÛM	290	4	35	03	1	4	As	15.2	-2.7	13	26	+4	10	+3	34	-3	0	dr.	5
MINYA	180	3	8	00	1	0	—	15.3	-3.2	11	26				51	1	0	0	
ASYÛT MANQABÂD	270	3	12	00	0	0		15.0	-4.3	13	24		11		55	4	0	dr.	4
NAG' HAMMÂDI	00	0	7	01	0	3	Ac	14.8	-3.1	15	21		10		68	9	0	0.1	
QENA	320	2	15	00	0	0	—	14.3	-3.3	17	24	0	14	+7	52	7	0	0	
LUXOR	00	0	30	01	2	3	Sc	12.8	-5.0	17	26		14		42	4	0	0	
ASWÂN	00	0	50	00	0	6	As	12.9	-5.2	18	27	+2	14	+3	49	7	0	0	
SÎWA	270	3	10	00	0	0	—	14.6	-4.0	8	21	0	6	0	71	3	0	dr.	6
BAHARÎYA	270	2	15	02	0	0	—	15.4	-3.2	14	26	+4	7	+1	55	5	0	0	6
FARAFRA	70	2	15	02	0	0	—	16.2		10	27		4		50	0	0	dr.	
DAKHLA	00	0	35	04	0	0	—	16.2	-3.0	10	22	-1	7	+1	38	-4	0	0	
KHARGA	00	0	35	00	0	0	—	15.1	-3.3	14	23	-1	9	+2	48	3	0	0	
SUEZ											23	+3							11
ṬÛR	40	2	50	00	0	0	—	14.6	-2.5	19	24	+3	10	+1	37	4	0	4	10
HURGHADA	270	5	30	01	2	7	Cu, As	10.8	-5.8	20			17		46	8	0	0	3
QUSEIR	310	5	15	03	5	8	Ac	12.4	-3.8	20	25	+2	17	+3	60	12	dr.	0	4
PORT SUDÂN											27								91
WÂDI HALFA											28								
ABU ḤAMAD	310	8	30	01	0	0	—			24	31								
KAREIMA	40	2	30	02	0	0	—	11.4		17	30		14		46	5	0	dr.	1
'ATBARA											30								2
KHARTÛM	320	7	30	02	0	1	Ci	10.8		19	33		16		40	5	0	dr.	4
KASSALA											35								8
WÂD MEDANI	310	9	35	02	0	0	—	11.2		18	34		11		37	3	0	46	12
RENK																			49
ROSEIRES	270	9	35	02	0	0	—	11.0		19	37		16		49	8	0	0	36
EL OBEID	350	10		02	0	0	—	12.2		18	32		11		18	-7	0	7	16
EL FÂSHER	340	3	30	02	1	8	Ci			12	31		9		22	-9	0	6	6
GENEINA			30	02		0	—			15	33		12		20	-8	0		4
MALAKÂL	90	3	30	01	1		Cs	10.2		21	36		17		26	1	0	70	88
WÂU											36							146	146
JUBA	180	5	10	04	2	8	Ac, Cs	9.3		25	37		19		42	11	0	193	184

HUMIDITY % Mean of day

STATION	on 8th	Diff. from normal
Alexandria	74	+9
Ezbekiya	47	-16
Giza	61	-7
Helwân	28	-25

GIZA GRASS MINIMUM TEMP. ON 9th 5.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 8th At 1500

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	105	22	23	190	7
850					
900					
850	1485	10	30	200	10
800					
700	3069	-1	59	240	26
600					
500	5683	-16		240	37
400	7323	-29		250	68
300	9326	-42			

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 8th

STATION	Matruh		P. Said		Minya		Asyut		Dakhla		Kharga		Farouk AP		Hurghada		Sharm				Minya		Fouad AP		Farouk AP	
TIME	14		14		14		14		14		14		14		14	15	14				20		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	15	60	4	170	6	100	7	200	3	170	3	210	9	120	7	340	7			200	27	130	17	310	13
600	290	10	170	8	250	10	200	9	200	4	290	3	210	7	120	3	320	14			210	17	130	17	310	14
1000	260	11	210	5	230	10	200	9	230	6	310	8	300	6	210	3	310	13			220	25	160	16	200	11
1500	220	16	170	7	190	9	250	12					180	10	260	16	280	14			240	14	190	10	140	18
2000			200	11	200	12	260	18					230	12			270	17			200	10			250	24
3000			220	22																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ID		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk AP	
TIME	7	45	8		9	30							2		8		9				8		8	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	250	21	280	21	240	20							290	12	320	10	320	1			310	12	230	14
600	270	29	280	23	240	20							310	21	320	17	340	5			270	9	240	20
1000	270	28	280	27									310	23	320	21	310	10			270	15	250	20
1500	270	28	270	19									290	30	310	19	190	10			250	16	250	18
2000	270	23	270	19											280	23	210	16			230	18	240	33
3000			280	22																				
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME	8		8				8				4		5						4	45	5		4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	260	25	310	28			360	8																
600	280	30	290	29			360	18			30	14	40	15									30	16
1000	280	29					350	16			50	15	10	19					30	20	40	14	30	19
1500	280	23	280	31			260	15					20	3					10	4	30	8	360	6
2000	260	33																	320	8	320	5	340	5
3000													250	9					320	17			10	5
4000																								
5000																							130	12
6000																								
7000																								
8000																								

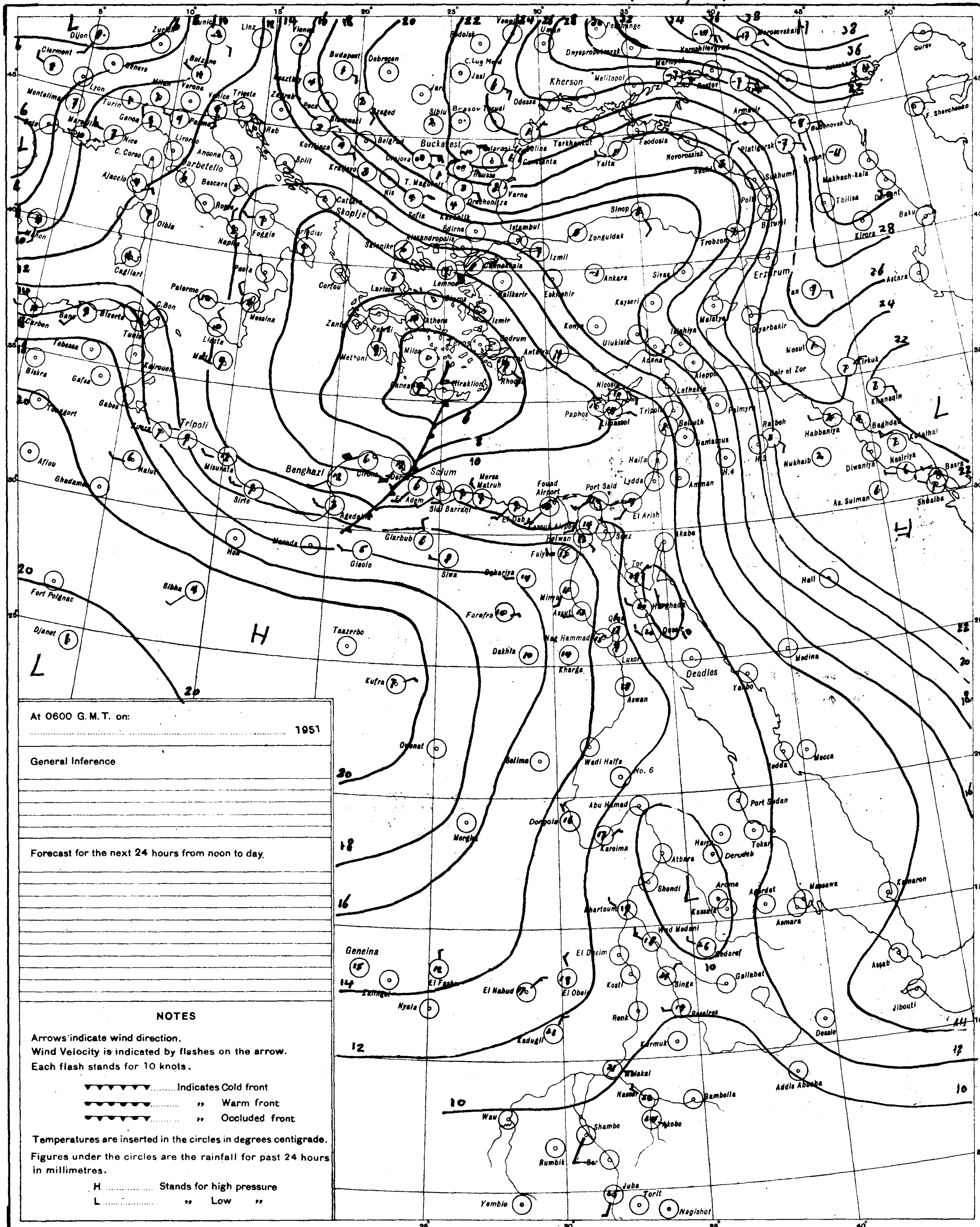
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 9-2* 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
▼▼▼▼▼▼ .... „ Warm front
▼▼▼▼▼▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	-○-
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	==
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	•▽]
	,, ,, hail	27	△▽]
	Fog	28	≡]
	Thunderstorm	29	R]
Duststorm or Sandstorm		31	S
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	•▽
,, ,, hail		87	△▽
Rain } Thunderstorm during		91	R]•
Hail } the past hour		93	R]△
Thunderstorm with rain		95	•R
,, ,, hail		96	△R
,, ,, Sandstorm		98	SR

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	•▽
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 40 G. M. T.
" " Sunset 15 39 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: SATURDAY 10th FEBRUARY 1951

At 1200 on FRIDAY 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	220	19	35	03	1	3	Cu	8.7	18	32	1
	303	SÎDI BARĀNI	250	14	12	07	1	1	Sc	9.4	18	32	1
	306	MATRŪH	270	18	10	02	2	7	Sc,Cu,Ci	10.8	18	34	2
	309	EL DABA	320	7	35	03	2	6	Sc	10.1	17	34	1
		ALEXANDRIA	220	22		03	1	8	Cu	11.6	16	49	5
	318	FOUAD (Airport)	270	16	18	03	2	7	Ac	11.2	17	42	7
	330	DAMIETTA	250	5	35	01	1	4	Cu	11.6	21	50	10
	333	PORT SA'ÎD	300	6	18	02	0	2	Sc,Ci	11.0	20	38	5
	336	EL 'ARISH	270	16	6	02	2	7	Sc	11.7	18	60	10
Lower Egypt	339	DAMANHUR	270	9	15	00	0	0	—	12.6	18	46	6
	342	MANŞURA	320	9	35	02	1	3	Cu	11.9	21	33	4
	348	TANTA	220	5	35	01	1	4	Cu,Sc	11.9	21	41	7
	354	ZAGAZIG	220	2	50	02	1	0	—	12.2	21	26	1
	440	ISMA'ÎLIA	270	13		01	1	3	Ci	11.5	21	26	1
Cairo Area	366	FAROUK (Airport)	240	19	6	05	1	0	—	12.2	20	38	5
	372	ALMÀZA	280	16		00	0	0	—	11.7	21	20	-3
		EZBEKÎYA	270	9	18	00	0	0	—	11.9	21	21	-4
		GÎZA	270	9	18	00	0	0	—	12.2	22	21	-1
	378	HELWÂN	230	13	15	02	0	0	—	11.6	19	16	-8
Upper Egypt	381	FAIYŪM	290	8	35	01	0	0	—	13.1	21	20	-3
	387	MINYA	300	7	10	00	0	0	—	13.1	22	16	-5
	393	ASYŪT MANQABĀD	340	8		00	0	0	—	12.2	22	11	-10
	399	NAG' HAMMÂDI	340	2	15	00	0	0	—	12.2	24	32	6
	402	QENA	220	2	50	00	0	0	—	10.8	21	50	10
	405	LUXOR	20	4	30	00	0	0	—	10.2	26	20	1
	414	ASWÂN	350	4	50	00	0	0	—	10.5	26	30	7
Oases	417	SÎWA	270	12	12	06	0	0	—	15.0	17	49	6
	420	BAHARÎYA	270	3	35	02	0	0	—	13.6	19	37	4
	423	FARAFRA	290	9	7	06	2	0	—	15.6	19	37	4
	432	DAKHLA	340	11	50	00	0	0	—	12.5	22	16	-5
	435	KHARGA	360	2	15	00	0	0	—	12.8	24	15	-5
Red Sea	450	SUEZ	90	3	50	01	0	1	Cu	11.0	24	21	0
	459	TÔR	40	5	35	00	0	0	—	10.6	24	21	0
	462	HURGHADA	330	15	30	03	1	3	Cu	9.3	22	47	10
	465	QUSEIR	20	9	15	01	1	3	Ac	10.8	24	57	15
	641	PORT SŪDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTŪM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	9	35	02	0	2	Ci				3
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	50	4	30	03	1	4	Ac,Ci	4.1	35		
	880	WÂU	20	5	10	04	1	3	—	3.3	37	11	2
	941	JUBA	310	5	35	02	0	7	—	3.4	36	20	10

At 1800 on FRIDAY 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM	220	13	15	00	0	0	—	9.1	15	45	3	0
SÎDI BARĀNI	210	14	14	03	0	3	Sc	9.4	14	34	-2	0
MATRŪH	270	8	12	00	0	0	—	11.4	12	33	-4	0
EL DABA	00	0	7	00	0	0	—	11.6	12	44	0	0
ALEXANDRIA	220	9	35	00	0	0	—	12.7	14	67	8	0
FOUAD (Airport)	00	0	12	01	0	0	—	12.6	18	52	8	0
DAMIETTA	320	5	7	02	2	3	Sc	12.8	15	77	11	0
PORT SA'ÎD	330	14	12	01	0	0	—	12.7	16	64	9	0
EL 'ARISH	90	7	10	00	0	0	—	12.2	13	77	9	0
DAMANHUR	270	9	7	00	0	0	—	13.4	12	77	8	0
MANŞURA	320	9		00	1	0	—	13.0	14	55	5	0
TANTA	00	0	35	02	1	0	—	14.0	10	76	6	0
ZAGAZIG	220	2	35	02	0	0	—	13.5	12	55	3	0
ISMA'ÎLIA	290	2	35	02	0	0	—	13.5	15	39	1	0
FAROUK (Airport)	240	10	10	00	0	0	—	14.0	13	72	8	0
ALMÀZA	290	8	12	00	0	0	—	13.6	14	36	-1	0
EZBEKÎYA	00	0	12	00	0	0	—	13.5	14	39	0	0
GÎZA	00	0	12	00	0	0	—	14.3	10	50	0	0
HELWÂN	290	4	7	02	0	0	—	13.9	14	27	-5	0
FAIYŪM	00	0	35	02	0	0	—		14	36	-1	0
MINYA	320	4	8	00	0	0	—	14.7	13	34	-3	0
ASYŪT MANQABĀD	00	0	6	10	0	0	—	14.4	14	36	-1	0
NAG' HAMMÂDI	00	0	7	01	0	3	Ac	13.4	14	77	10	0
QENA	220	2	7	00	0	0	—	12.4	15	59	7	0
LUXOR	310	5	12	00	0	0	—	11.8	18	30	0	0
ASWÂN												
SÎWA												
BAHARÎYA	320	2	15	02	0	0	—	15.4	11	41	-2	0
FARAFRA	220	6	15	02	0	0	—	16.4	11	51	1	0
DAKHLA	340	11	50	00	0	0	—	14.2	17	18	-8	0
KHARGA	00	0	15	00	0	0	—	14.6	21	20	-3	0
SUEZ	310	5	15	01	0	0	—	13.1	17	26	-3	0
TÔR	360	11		00	0	0	—					0
HURGHADA	280	15	12	00	0	0	—	10.4	20	46	8	0
QUSEIR	360	9	15	01	1	0	—	11.5	21	50	10	0
PORT SŪDÂN	170	2	30	01	2	1	Ac	10.1	25	84	22	0
WÂDI HALFA	320	6	50	01	0	0	—	12.1	20	21	-3	0
ABU HAMAD	340	8	30	02	0	0	—	9.1	25	14	-5	0
KAREIMA												
'ATBARA	00	0	30	02	0	0	—	8.3	25	36	9	0
KHARTŪM	320	10	30	01	0	0	—	7.7	27	22	3	0
KASSALA	340	3		10	1	0	—	7.1	25	36	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	5	30	01	0	0	—	8.2	25	14	-5	0
EL FÂSHER	30	5	30	02	0	1	Ci				2	0
GENEINA	20	8	30	02	0	0	—		26	16	-2	0
MALAKÂL	40	2	30	01	1	3	Ci	3.5	29			0
WÂU												
JUBA												

At 0600 on SATURDAY 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALŪM	270	9	15	00	0	2	Cu,Ac	10.3		12	19		9		77	8	0	84	
SÎDI BARĀNI	220	8	12	00	0	5	Sc	10.0		10	18		8		88	8	0	96	
MATRŪH	260	14	12	03	0	2	Sc,Ac	11.2	-5.7	9	18		7		62	2	0	Rain	
EL DABA	220	4	15	03	2	6	Sc	12.4		11	17		7		71	6	0	33	
ALEXANDRIA	220	10	50	03	1	6	Cu,Sc	13.4	-4.4	11	17	-2	9	-2	30	-6	0	42	154
FOUAD (Airport)	240	7	12	03	0	5	Ac	13.2		10	17		7		44	-2	0	44	119
DAMIETTA	220	2	7	01	0	0	—	13.3	-3.4	8	21		8		71	3	0	Rain	77
PORT SA'ÎD	240	7	14	02	0	0	—	14.1	-2.5	13	21		11		48	2	0	9	
EL 'ARISH	240	2	14	03	0	1	Cu	14.0	-3.4	14			10		59	6	0	Rain	59
DAMANHŪR	270	9	15	03	1	4	Ac	14.8	-2.1	9	22	+2	6	-1	54	0	0	25	69
MANŞURA	90	5	35	00	0	0	—	14.4	-2.5	6	22	+2	4	-3	71	1	0	20	84
TANTA	220	2	35	02	0	0	—	15.1	-2.3	8	22	+1	6	-1	46	-3	0	16	27
ZAGAZIG	220	2	50	02	0	0	—	14.7	-3.0	9	23	+3	7	0	54	0	0	Rain	17
ISMA'ÎLIA	160	2	35	01	0	0	—	15.1		12	22		7		44	0	0	11	
FAROUK (Airport)	180	10	12	00	0	0	—	15.3		12	21		9		59	4	0	dr.	
ALMÀZA	200	9	12	00	0	0	—	14.8	-2.9	10	21		8		50	0	0	1	
EZBEKÎYA	180	2	12	00	0	0	—	15.2	-2.5	11	22	+1	9	+1	47	0	0	1	16
GÎZA	180	2	12	00	0	0	—	15.2	-2.4	11	23	+8	7	+1	51	1	0	2	17
HELWÂN	00	0	7	00	0	0	—	15.6	-2.7	10	21	+2	7	-2	38	-4	0	2	17
FAIYŪM	290	4	35	02	0	0	—	17.0	-0.8	9	22	0	4	-3	47	-2	0	dr.	5
MINYA	150	6	8	00	0	0	—	16.7	-1.7	7	23		3		57	-1	0	0	
ASYŪT MANQABĀD	100	3	10	10	0	0	—	17.2	-2.0	10	22		7		38	-4	0	dr.	
NAG' HAMMÂDI	00	0	7	01	0	3	Ac,Cs	16.9	-0.9	11	25		7		63	4	0	0.1	
QENA	220	2	15	00	0	0	—	17.1	-0.5	12	22	-2	9		55	3	0	0	
LUXOR	180	5	30	00	0	0	—	16.2	-1.5	13	28		8		31	-4	0	0	
ASWÂN	350	3	50	00	0	0	—	16.9	-1.1	14			11		39	0	0	0	
SÎWA																			6
BAHARÎYA	270	3	35	02	1	2	Ac	16.4	-2.1	11	20	-2	2	-4	41	-2	0	0	6
FARAFRA	200	6	35	02	0	0	—	17.6		6	20		3		57	-2	0	dr.	
DAKHLA	00	0	50	01	0	0	—	17.6	-1.6	7	22	-1	6	0	43	-5	0	0	
KHARGA	00	0	7	00	0	0	—	17.5	-0.8	10	25	+1	6	-1	50	0	0	0	
SUEZ	00	0	35	00	0	0	—	15.6	-1.7	10	26	+5	6	-5	76	6	0	0.3	11
TÔR	260	2	50	00	0	0	—	14.0	-3.0	13			11	+2	34	-3	0	4	10
HURGHADA	240	8	30	00	0	0	—	13.3	-3.3	15	22		10		30	-3	0	0	
QUSEIR	310	9	15	02	0	0	—	13.8	-2.4	15	26	+3	14	0	39	1	0	dr.	4
PORT SŪDÂN	270	3	10	03	2	7	Sc,Ac	11.0		25	28		21		79	21	0	156	91
WÂDI HALFA	360	3	30	02	0	0	—	17.5		11	27		9		38	-3	0	dr.	
ABU HAMAD	360	6	30	02	0	0	—			18	32		15		17	-8	0		
KAREIMA	20	6	30	02	0	0	—	14.5		18	32		15				0	dr.	1
'ATBARA	340	13	10	07	0	0	—	14.9		20	33		17		16	-7	0	0.3	2
KHARTŪM	350	10	30	02	0	1	Ci	12.0		20	34		17		30	2	0	dr.	4
KASSALA	00	0	30	01	1	2	Cs	10.1		22	35		15		57	13	0	3	8
WÂD MEDANI	360	9	35	02	0	1	Ci	11.5		20	35		14		26	0	0	46	12
RENK	360	9	35	02	1	3	Ci			21	35		15		35	5	0		49
ROSEIRES	310	2	35	02	0	0	—	11.8		19			15		49	8	0	0	36
EL OBEID	360	9	30	02	0	1	Ci	12.9		18	33		15		19	-6	0	7	16
EL FÂSHER	340	3	30	03	0	1	Cs			12	33		9		28	-6	0	6	6
GENEINA	50	10	30	01	0	1	Ci			17	34		13		22	-5	0		4
MALAKÂL	40	7	30	03	1	6	Ac,Cs	10.5		22	37		19		17	-4	0	70	88
WÂU	250	9	30	03	2	7	Ac	9.7		24	38		19		44	11	0	144	146
JUBA	180	5	10	21	2	8	Ac	9.9		24	38		23		57	15	1	193	150

UPPER AIR OBSERVATIONS

Humidity % Mean of day

Station	on 9th	Diff. from normal
Alexandria	53	-12
Ezbeklya	42	-21
Giza	49	-19
Helwân	33	-20

GÎZA GRASS MINIMUM TEMP ON 10th 2.2 °C.

Remarks

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

FAROUK AIRPORT — On 9th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	104	18	24	270	16
950					
900					
850	1463	5	35	240	20
800					
700	3013	-5		240	22
600					
500	5581	-22		250	48
400	7188	-29		260	63
300	9178	-44			

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Station	Fouad A.P.		Farouk		Minya		Asyut		Luxor		Dakhla		Kharga		S. Darrow		Hurghada		Farouk		Fouad		P. Said		Minya	
Time	14		14		14		14		14	30	14		14		14		14	15	20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	8	270	22	290	12	330	14	340	12	320	14	10	10	250	20	350	9	260	19	220	4	290	3	310	29
600	270	14	260	22	280	16	320	12	340	8	310	12	20	15	240	14	340	15	260	20	250	10	300	3	310	23
1000	260	21	250	23	280	18	310	16	320	6	310	15	20	16	230	21	310	14	250	16	250	17	300	6	320	16
1500	260	17	250	22	280	10	290	16	300	6			30	11			260	16	270	7	250	26	300	3	260	16
2000	250	20					270	20									230	23	280	10	240	25				
3000							240	30													230	13				
4000							250	36																		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada	
Time					2		4				7	30									8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					230	23	270	14			170	6									320	25
600					240	26	270	16			210	8									310	17
1000					250	23	280	14			250	16									320	25
1500					250	21	320	6			260	16									300	29
2000											290	17										
3000											280	20										
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		5		4		5		4		4		4	45	5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							300	4																
600							320	10	10	13	10	25	20	11	10	23	10	7					10	21
1000							320	16	30	21	10	9	20	18	10	27	10	11	20	32	20	12	20	29
1500							310	20	10	14	350	23	20	32	290	3	30	7	40	5	90		20	11
2000									320	18									40	7	360	1	330	3
3000									300	23	270	23	350	4	260	10	110	3			280	17	50	9
4000																					320	9	100	9
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

F. G.

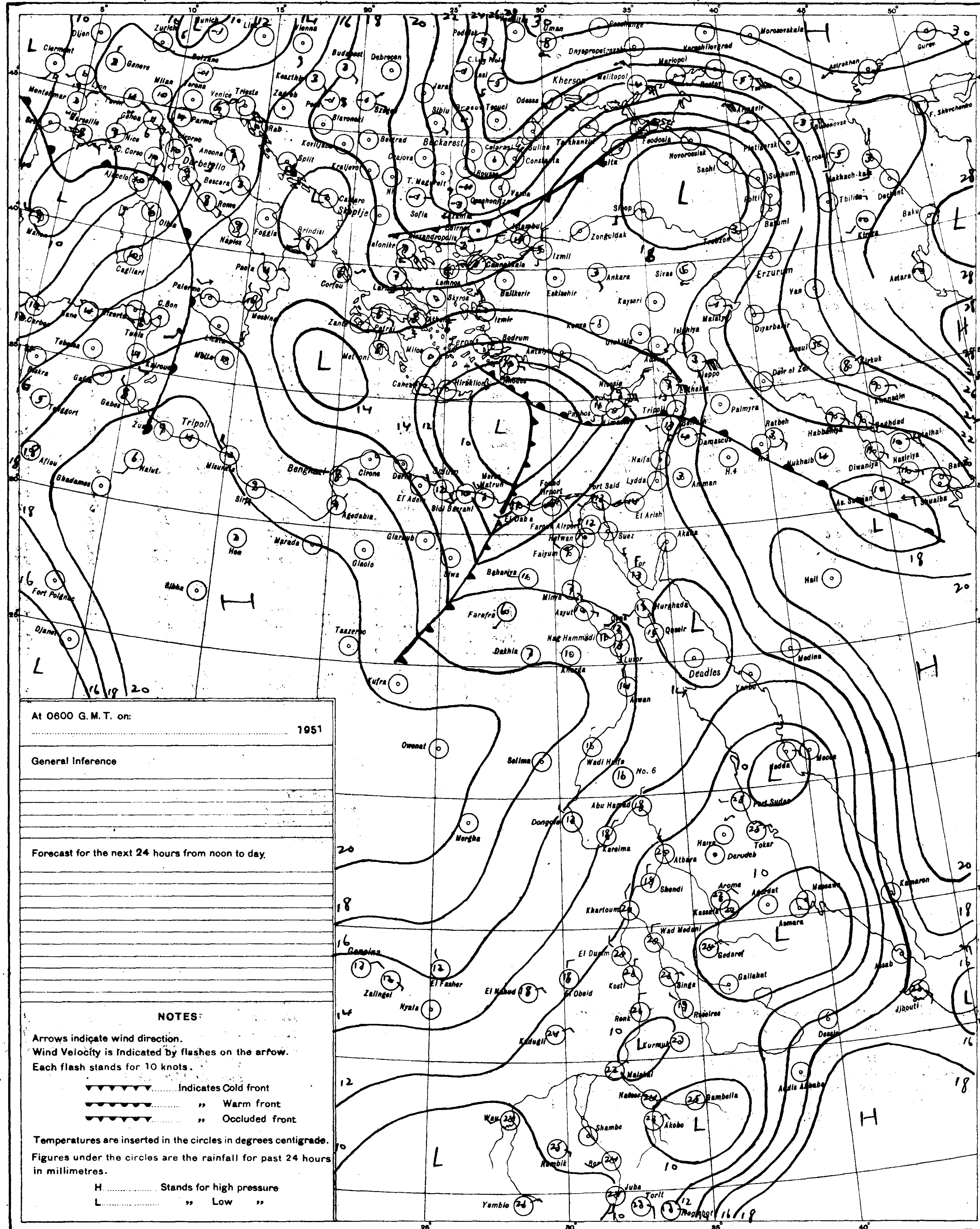
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday 10-2-*1951



PRESENT WEATHER	
WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR	
Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres — Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation — Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 4 39 G. M. T.

" " Sunset 15 40 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 11th February 1951

At 1200 on Saturday 10th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
62300	SALUM	360	9	35	00	1	3	Cu	14.4	17	60	9
303	SIDI BARANI	330	10	18	03	1	5	Cu	13.4	17	64	10
305	MATRUH	310	16	15	01	1	2	Sc, Cu	13.0	15	68	9
309	EL DABA	320	5	35	02	2	5	Sc, Cu	13.7	16	49	5
	ALEXANDRIA	220	9	50	02	2	3	Cu	14.0	17	42	4
318	FOUAD (Airport)	220	6	18	01	1	2	Ac	13.8	18	40	4
330	DAMIETTA	340	5	35	03	1	1	Ac	14.4	17	34	1
333	PORT SAID	340	4	30	02	0	0	—	14.5	18	28	-1
336	EL ARISH											
339	DAMANHUR	230	5	15	02	1	7	Cu	14.8	16	49	5
342	MANSURA	270	5	35	00	0	0	—	14.7	19	30	1
348	TANTA	00	0	35	03	2	6	Cu	14.7	18	28	-1
354	ZAGAZIG	220	3	35	03	1	6	Ac	14.4	19	37	4
440	ISMAILIA	270	9	7	06	0	0	—	14.4	19	23	-3
356	FAROUK (Airport)	200	10	18	03	1	5	Sc	14.9	19	46	7
372	ALMAZA	250	12	15	02	2	6	Sc	14.2	19	23	-3
	EZBEKIYA	180	4	18	02	1	5	Sc	14.6	19	26	-1
	GIZA	180	4	18	02	1	5	Sc	14.6	20	24	-1
378	HELWAN	00	0	15	03	0	5	Ci	14.4	19	23	-3
381	FAIYUM	360	2	35	03	2	6	Ac	15.6	20	24	-1
387	MINYA	270	5	8	00	0	0	—	15.3	20	16	-7
393	ASYUT MANQABAD	320	8	14	00	0	0	—	15.4	19	16	-8
399	NAG HAMMADI	340	1	35	00	0	0	—	15.8	20	24	-1
402	QENA	130	2	50	00.	0	0	—	13.8	21	20	-3
405	LUXOR	320	12	30	00	0	0	—	15.0	20	14	-9
414	ASWAN											
417	SIWA											
420	BAHARIYA	270	3	35	03	1	4	Ac	14.8	20	41	6
423	FARAFRA	270	17	15	07	3	0	—	16.2	18	52	8
432	DAKHLA	340	16	50	00	0	0	—	16.4	19	16	-8
435	KHARGA	00	0	7	00	0	0	—	16.3	20	15	-8
450	SUEZ	00	0	50	03	0	2	Cu	14.0	20	33	3
459	TOR	310	8	35	00	0	0	—	13.6	19	26	-1
462	HURGHADA	290	17	30	00	0	0	—	12.5	21	16	-6
465	QUSEIR	360	9	15	02	0	0	—	13.5	23	32	5
641	PORT SUDAN	100	11	10	01	2	1	Cu	8.6			
600	WADI HALFA	360	16	7	05	0	0	—	14.7			-8
640	ABU HAMAD	360	10	30	02	0	0	—		28	9	-8
660	KAREIMA						0	—	11.5	28	14	-2
680	ATBARA	340	13	7	07	0	0	—	8.3	30	9	-7
721	KHARTUM	50	11	30	02	0	1	Ci	8.	32	15	2
730	KASSALA	320	4	30	02	0	0	—	3.8	35	22	10
751	WAD MEDANI		9	35	02	0						1
801	RENK											
802	ROSEIRES											
771	EL OBEID	50	10	30	01	1	4		7.4			-10
760	EL FASHER	40	6	50	02	0	1	Ci		31	8	-8
770	GENEINA	20	2	30	02	0	2	Ci		31	12	-1
840	MALAKAL											
880	WAU											
941	JUBA	50	9	15	04	6	8	Ac, Ci	5.6	33	28	12

At 1800 on Saturday 10th

Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms.
SALUM	320	5	15	00	0	2	Cu	19.5	15	68	9	dr.
SIDI BARANI	340	11	14	01	6	2	Cu	18.6	15	72	10	0.2
MATRUH	360	6	12	01	1	3	Cu	17.9	14	77	10	0
EL DABA	00	0	7	00	0	0	—	18.0	12	77	8	0
ALEXANDRIA		6	35	00	0	0	—	17.5	14	67	8	0
FOUAD (Airport)	20	2	12	02	0	0	—	17.5	12	77	8	0
DAMIETTA												
PORT SAID	40	2	9	02	0	1	Sc	17.3	16	45	4	0
EL ARISH	320	2	15	02	0	0	—	17.2	13	55	4	0
DAMANHUR	230	9		02	0	0	—	17.1	13	67	7	0
MANSURA	40	5		00	0	0	—	17.7	12	63	3	0
TANTA	00	0	35	01	1	4	Cu	17.1	13	77	9	0
ZAGAZIG	40	3	35	02	1	0	—	17.0	14	48	3	0
ISMAILIA	20	2	35	03	2	7	Ac	17.5	14	48	3	0
FAROUK (Airport)	200	14	11	01	2	3	Sc	17.2	16	52	6	0
ALMAZA	220	10	15	01	2	6	Cu	16.9	16	41	-1	0
EZBEKIYA	00	0	12	02	1	6	Cu	17.0	16	39	2	0
GIZA	00	0	12	02	1	6	Cu	16.7	15	48	4	0
HELWAN	00	0	7	02	0	7	Ac	17.4	16	42	3	0
FAIYUM												
MINYA	240	3	8	02	1	2	Ac	17.4	15	42	2	0
ASYUT	00	0	8	00	0	0	—	17.9	14	36	-1	0
NAG HAMMADI	00	0	7	01	0	4	As	17.9	11	77	7	0
QENA	320	2	7	00	0	0	—	17.9	12	55	3	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	17.3	19	52	9	0
SIWA												
BAHARIYA	320	2	15	03	2	7	Ac	17.2	16	59	8	0
FARAFRA	240	5	15	02	3	0	—	17.9	13	67	7	0
DAKHLA	340	8	50	00	0	0	—	17.9	17	18	-8	0
KHARGA												
SUEZ	00	0	15	01	0	0	—	17.8	13	44	1	0
TOR	360	4		00	0	0	—	16.4	15	30	-3	0
HURGHADA	300	18	12	00	0	0	—	15.5	18	46	6	0
QUSEIR	330	9	15	02	0	0	—	15.8	19	35	3	0
PORT SUDAN	50	6	30	50	0	4	Sc	12.3	26	89	24	9
WADI HALFA	360	10	10	05	0	0	—	18.4	16	24	-5	0
ABU HAMAD	340	4	30	02	0	0	—		21	17	-5	0
KAREIMA	340	1	30	02	0	0	—	15.4	21	35	5	0
ATBARA	340	13	10	07	0	0	—	12.1	23	22	0	0
KHARTUM	330	14	30	01	0	0	—	11.1	26	21	2	0
KASSALA	320	3	30	02	1	0	—	10.5	27	35	10	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	6	30	01	1	0	—	10.9	24	11	-9	0
EL FASHER	90	6	30	02	0	0	—		26	15	-3	0
GENEINA	20	12	30	01	1	2	Ci		26	16	-2	0
MALAKAL												
WAU												
JUBA			30	01	2	4	Ac	9.2	21	61	13	0

At 0600 on Sunday 11th

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Temp. Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st	Rainfall Normal from Oct. 1st	Station
320	9	15	01	8	1	Cu	24.0		13	18		9		77	9	dr.	84		SALUM
310	5	14	00	0	2	Cu	23.2		15	17		13		72	10	0.2	96		SIDI BARANI
360	14	12	03	1	3	Cu	23.0		15	16		14		68	9	0.2	Rain	127	MATRUH
360	5	15	01	1	3	Cu	21.4		15	19		8		59	7	0	33		EL DABA
00	0	35	03	1	5	Cu	21.6	+3.9	16	18	-1	11	0	68	10	0	42	155	ALEXANDRIA
220	4	18	01	8	3	Cu	21.4		19	19		8		60	11	4	48	120	FOUAD (Airport)
220	2	7	02	0	2	Ac	19.5	+2.8	10			7		88	8	0	Rain	78	DAMIETTA
250	6	12	02	0	0	—	19.4	+2.8	12	19		12		59	6	0	9		PORT SAID
140	2	18	03	2	7	Cu	20.0	+2.6	12	20	0	7	-1	63	5	0	Rain	69	EL ARISH
230	9		02	1	1	Cu			9	17	-3	7	-1	88	7	0	25	69	DAMANHUR
90	5	35	00	0	0	—	21.4	+4.6	11	21	+1	6	-1	51	1	0	20	34	MANSURA
00	0	35	02	0	0	—	20.9	+3.6	8	20	+1	4	-3	88	6	0	16	27	TANTA
220	1	35	02	0	0	—	21.6	+4.0	7	20	0	5	-2	71	2	0	Rain	17	ZAGAZIG
290	2	35	01	0	0	—	21.2		12	21		8		55	3	0	11		ISMAILIA
220	7	8	00	0	0	—	22.2		9	19		6		71	4	0	dr.		FAROUK (Airport)
270	5	12	03	1	0	—	21.8	+4.1	8	20		7		58	0	0	1		ALMAZA
350	2	12	00	0	0	—	22.0	+4.3	9	20	-1	7	-1	71	4	0	1	16	EZBEKIYA
350	2	12	00	0	0	—	21.4	+3.8	10	21	+1	5	-1	50	0	0	2	17	GIZA
00	0	7	00	0	0	—	22.2	+3.9	9	19	-1	8	+1	62	2	0	2	17	HELWAN
00	0	35	01	0	0	—	23.6	+5.9	11			6	-1	63	4	0	dr.	5	FAIYUM
290	1	8	00	0	0	—	22.2	+3.9	9	21		6		71	4	0	0		MINYA
00	0	10		0	0	—	22.1	+2.9	12	20		9		59	4	0	dr.	4	ASYUT MANQABAD
00	0	7	00	0	0	—	19.5	+1.7	12	21		5		63	5	0	0.1		NAG HAMMADI
320	2	15	00	0	0	—	18.2	+0.7	10	22	-2	5	-3	38	-4	0	0		QENA
00	0	12	00	0	0	—	20.4	+2.7	10			4		38	-4	0	0		LUXOR
00	0	50	00	0	0	—	21.3	+3.3	15	23	-2	8	-3	36	0	0	0		ASWAN
																		6	SIWA
360	1	35	02	0	0	—	23.4	+5.0	12	21	-1	5	-1	63	5	0	0	6	BAHARIYA
340	10	35	02	0	0	—	24.2		11	20		6		77	7	0	dr.		FARAFRA
340	8	50	00	0	0	—	22.8	+3.7	9	20		6	0	62	2	0	0		DAKHLA
00	0	15	00	0	0	—	22.0		10			6	-1	50	0	0	0		KHARGA
00	0	35	00	0	0	—	21.0	+3.8	12	22	-1	6	-4	63	5	0	0.3	11	SUEZ
40	4	50	00	0	0	—	19.5	+2.5	13	20	-1					0	4	10	TOR
330	11	18	00	0	0	—	18.3	+1.8	13	21		9		82	10	0	0	3	HURGHADA
310	9	15	00	0	2	Ci	19.0	+2.9	15	26	+3	13	-1	47	3	0	dr.	4	QUSEIR
360	14																	92	PORT SUDAN
										33									WADI HALFA
										29									ABU HAMAD
										29								1	KAREIMA
										31								2	ATBARA
360	14				0	—	17.1	17		33		14		24	-4	0	dr.	4	KHARTUM
										37								8	KASSALA
360	13	35	02	0	0	—	11.4	19		35		12		12	-11	0	46	12	WAD MEDANI
																		49	RENK
360	9	35	02	0	0	—	14.6	21		36		18		28	2	0	0	36	ROSEIRES
360		30	03	0	1	Ci		15		32				16	-11		7	16	EL OBEID
40	9	10	03	0	0	—		13		33				24	-7	0	6	6	EL FASHER
50	10	8	05	0	1			15		34				18	-9	0		4	GENEINA
360	19	35	02	1	0	—	9.0	23		24						0	70	88	MALAKAL
																		146	WAU
										33								150	JUBA

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	48	-17
Ezbekiya	38	-25
Giza	45	-23
Helwan	36	-16

GIZA GRASS MINIMUM TEMP. on 11th 1.9 °C

Remarks

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 10th At 1800 h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	130	18	24	250	10
950					
900					
850	1486	5	57	250	12
800					
700	3028	-9	93	270	19
600					
500	5557	-26		280	28
400	7138	-32			
300	9141	-46			

AIRPORT On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Station	Matruh		Minya		R.Said		Dakhla		Asyut		Hurghada		S.Barani		Kharga				Minya		Farouk A.P.					
Time	14		14		14		14		14		15		14		14				20		21					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	11	280	11	320	07	300	16	320	14	350	19	360	16	350	14			280	16	340	4				
600	340	10	270	16	340	06	300	25	320	13	350	19	350	13	60	16			330	13	350					
1000	350	11	270	17	250	09			300	16	340	19	360	16	360	16			290	11	310					
1500	350	6	280	10	270	15			270	11	290	28	350	17					270	7	270	4				
2000	350	18	290	20					290	22	240	16	350	28					280	11	250	6				
3000	320	20							280	27											270	9				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk A.P.	
Time					3 45		2						2										3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					300	3	240	3					360	11									60	14
600					300	6	300	3					350	14									60	15
1000					300	10	330	5					340	10									60	12
1500							320	5					340	10									30	10
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			8				8		4		5								4 45		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			350	16			360	8	90	11														
600			350	18			360	13	20	19	360	19											20	29
1000			360	16			360	13	10	20	360	19							20	27	20	13	20	40
1500			350	17			340	12	360	17	40	15							50	17	80	16	40	15
2000			350	16					310	21									330	2	110	10		
3000									310	25									270	10			20	14
4000																								
5000																							120	11
6000																							150	12
7000																								
8000																								

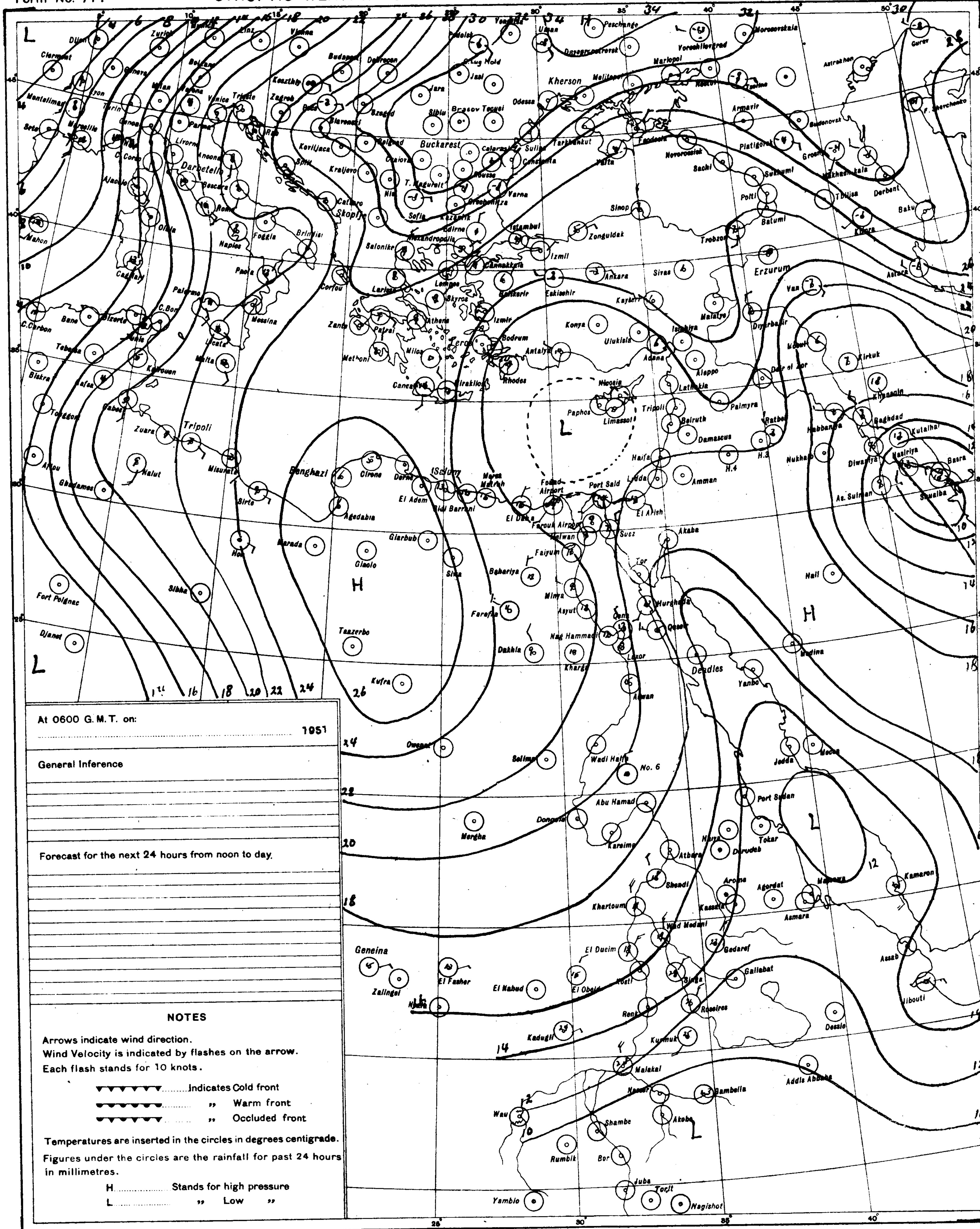
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON SUNDAY 11-2 1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 39 G. M. T.

" " Sunset 15 41 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: MONDAY 12 th FEBRUARY 1951

At 1200 on SUNDAY 11th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	20	9	35	03	1	4	Cu	23.1	18	52	8
	303	SÎDI BARÂNI	320	10	16	25	6	2	Cu	22.8	17	64	10
	306	MATRÛH	10	14	15	02	2	6	Cu	23.1	18	34	2
	309	EL DAB'A	320	8	35	02	1	4	Cu				8
		ALEXANDRIA	360	16	50	02	2	4	Cu	21.0	17	60	9
	318	FOUAD (Airport)	340	11	18	01	1	3	Cb, Ac	21.9	18	56	9
	330	DAMIETTA	320	5	7	03	2	7	Sc	19.8	17	68	11
	333	PORT SA'ÎD	270	6	30	02	0	1	Cu	19.4	18	56	8
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	340	9	15	02	1	3	Cu	21.2	19	46	7
	342	MANSURA	320	5	35	03	8	4	Cb	21.0	17	68	11
	348	TANTA	00	0	7	03	8	8	Sc	21.2	18	46	6
	354	ZAGAZIG	320	2	50	02	0	0	—	20.3	20	64	13
	440	ISMAÎLÎA	270	5	35	03	1	4	Cu	19.9	20	41	6
CAIRO AREA	366	FAROUK (Airport)	290	3	18	03	2	5	Sc	20.7	18	68	12
	372	ALMÂZA	290	11	18	03	0	4	Cu	20.5	19	46	7
		EZBEKÎYA	310	6	18	02	1	5	Cu	20.4	19	46	7
		GÎZA	310	6	18	02	1	5	Cu	19.9	20	41	6
	378	HELWÂN	290	13	35	03	1	3	Cu	20.8	18	37	3
UPPER EGYPT	381	FAIYÛM	360	8	35	03	1	3	Sc	21.0	20	41	6
	387	MINYA	350	12	12	00	0	0	—	20.8	21	26	1
	393	ASYÛT MANQABÂD	320	6	12	00	0	1	Cu	20.2	20	35	1
	399	NAG' HAMMÂDI	00	0	15	01	0	2	Ac	19.0	21	33	4
	402	QENA	270	1	50	00	0	0	—	19.6	23	32	5
	405	LUXOR	340	6	30	00	0	0	—	18.4	20	30	2
	414	ASWÂN	20	10	50	00	0	0	—	19.6	21	20	-3
OASES	417	SÎWA											
	420	BAHARÎYA	320	2	35	02	1	3	—	22.0	18	52	8
	423	FARAFRA	360	14	35	02	0	0	—	22.8	19	52	9
	432	DAKHLA	340	16	50	00	0	0	—	21.5	19	37	4
	435	KHARGA	360	4	15	00	0	0	—	20.3	21	33	4
RED SEA	450	SUEZ	360	5	50	03	0	2	Cu	18.8	20	33	3
	459	TÔR	310	11	50	00	0	0	—	18.2	20	33	3
	462	HURGHÂDA	330	11	30	00	0	0	—	17.6	19	46	7
	465	QUSEIR	360	13	15	02	1	2	Ci	18.4	20	56	11
	641	PORT SÛDÂN	30	20	10	01	2	1	Cu	13.6	25	54	15
NORTH SÛDÂN	600	WÂDI HALFA	340	13	30	03	0	1	—		22	23	0
	640	ABU HAMAD	360	8	30	02	0	0	—		25	13	-10
	660	KAREIMA											
	680	'ATBARA	360	13	10	07	0	0	—	12.6	27	25	5
	721	KHARTÛM	350	13	10	05	0	0	—	11.5	28	19	2
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	9	35	02	0	0	—	7.0	33	10	-2
	771	EL OBEID	40	10						11.7	27	5	-15
	760	EL FÂSHER	50	12	30	02	0	0	—		27	9	-8
	770	GENEINA	50	10	10	05	0	0	—		29	10	-6
S. SÛDÂN	840	MALAKÂL											
	880	WÂU	70	2	30	02	2	7	Cs	7.2	33	14	2
	941	JUBA											

At 1800 on SUNDAY 11th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
SALÛM	320	5	15	00	1	2	Cu	23.8	13		9	00
SÎDI BARÂNI	320	12	12	02	0	1	Cu	23.2	14	77	10	0.1
MATRÛH	360	10	12	02	2	6	Cu	21.9	15	68	9	0
EL DAB'A	320	6	7	02	2	5	Sc	21.0	15	59	7	0
ALEXANDRIA	310	12	35	02	2	4	Cu	21.1	15	59	7	dr.
FOUAD (Airport)	340	12	18	01	1	1	Cu	21.1	15	63	8	0
DAMIETTA	320	1	7	01	0	3	Cu		15	88	13	0
PORT SA'ÎD	320	13	18	02	0	2	Cu	19.5	16	68	10	0
EL 'ARISH												
DAMANHUR	360	9	7	02	1	3	Cu	21.6	12	88	10	0
MANSURA	320	5		00	1	0	—	21.1	14	67	8	0.5
TANTA	00	0	35	02	0	0	—	21.8	10	95	10	3
ZAGAZIG	00	0	35	02	1	0	—	20.8	13	88	11	0
ISMAÎLÎA	310	2	35	01	6	3	Cu	21.1	13	88	11	dr.
FAROUK (Airport)	290	6	12	00	8	0	—	21.8	14	88	12	dr.
ALMÂZA	340	6	10	00	1	0	—	21.6	14	77	10	0
EZBEKÎYA	350	2	12	00	0	0	—	21.5	14	72	9	dr.
GÎZA	350	2	12	00	0	0	—	21.4	12	77	8	dr.
HELWÂN	00	0	15	01	8	4	Sc	21.6	13	77	9	dr.
FAIYÛM	00	0	35	01	0	0	—	22.4	14	77	10	0
MINYA	360	4	10	00	0	0	—	21.3	13	45	2	0
ASYÛT MANQABÂD	330	7	10	00	0	0	—	21.4	13	44	1	0
NAG' HAMMÂDI	00	0	7	00	0	0	—		14	77	10	0
QENA	320	2	7	00	0	0	—	19.1	14	67	8	0
LUXOR	00	0	12	00	0	0	—	19.4	16	49	5	0
ASWÂN	350	4	50	00	0	0	—	19.3	18	28	-1	0
SÎWA												
BAHARÎYA	00	0	15	03	1	5	Ac	22.0	14	67	8	0
FARAFRA	340	6	15	02	0	0	—	23.3	13	67	7	0
DAKHLA	340	11	50	00	0	0	—	22.6	15	33	1	0
KHARGA	360	1	15	00	0	0	—	21.4	16	42	-2	0
SUEZ	310	5	15	01	0	1	Ci	20.2	14	67	8	0
TÔR	360	7		00	0	0	—	19.9	18	20	-5	0
HURGHÂDA	260	13	10	00	0	0	—	19.3	17	42	4	0
QUSEIR	330	9	15	01	0	0	—	18.8	18	46	6	0
PORT SÛDÂN	310	20	10	03	1	5	Sc	16.8	22	61	14	0
WÂDI HALFA	360	4	30	02	0	0	—	19.2	16	34	0	0
ABU HAMAD	360	10	30	02	0	0	—		18	24	-3	0
KAREIMA	340	11	30	02	0	0	—	17.2	19	23	-3	0
'ATBARA	360	9	30	02	0	0	—	14.3	21	13	-9	0
KHARTÛM	340	10	15	02	0	0	—	14.6	23	19	-2	0
KASSALA	330	5	30	01	0	0	—	10.6	25	36	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	8	30	02	0	0	—	14.8	20	14	-9	0
EL FÂSHER	50	8	10	02	0	0	—		24	9	-11	0
GENEINA	20	7	10	05	0	0	—		23	15	-5	0
MALAKÂL	340	7	30	01	1	0	—	10.1	25	26	4	0
WÂU	00	0	30	03	2	8	Ac, Cs	9.0	27	30	8	0
JUBA	50	2	30	01	2	6	Ac, Cs	8.1	28	29	8	0

At 0600 on MONDAY 12th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	290	5	15	03	1	4	Cu	23.1		12	18		10		77	8	0	84	
SÎDI BARÂNI	350	12	14	00	0	4	Sc, Cu	22.6		15	18		11		72	10	0.5	97	
MATRÛH	360	15	15	02	8	7	Cu, Sc, Ac	21.8	+5.1	15	19		10		59	7	dr.	Rain	
EL DAB'A	340	8	15	03	2	8	Sc			14	18		10		67	8	0	33	
ALEXANDRIA	360	13	50	03	8	8	Cb	20.2	+2.5	11	19	0	10	-1	67	5	0.6	43	156
FOUAD (Airport)	360	10	12	60	8	8	Sc	20.2		13	18		12		82	10	1	49	121
DAMIETTA	340	2		03	8	8	Cu, Sc	19.5	+2.8	10	19		8		95	10	8	Rain	79
PORT SA'ÎD											19								55
EL 'ARISH																			60
DAMANHÛR	340	5		80	8	8	Ac	21.6	+4.8	10	20	0	7	-1	88	8	dr.	25	70
MANSÛRA	320	5	15	03	8	7	Cb	20.6	+3.8	11	20	0	8	+1	88	9	0.5	21	35
TANTA	220	2	15	03	8	8		21.1	+3.9	11	21	0	6		88	9	3	19	27
ZAGÂZIG	220	3	15	03	1	6	Ac	20.0	+2.4	10	22	+2	5	-2	88	8	0	Rain	18
ISMAÎLÎA	220	9	15	03	2	7	As	19.8		12	22		10		77	8	dr.	11	
FAROUK (Airport)	200	12	14	80	8	5	Sc	20.9		12	20		9		88	10	dr.	dr.	
ALMÀZA	200	13	12	03	2	6	Cb	20.5	+2.9	11	20		8		88	9	0	1	
EZBEKÎYA	220	2	12	02	1	8	Cb	21.0	+3.4	11	21	0	9	+1	82	8	dr.	1	16
GÎZA	220	2	12	02	1	8	Cb	20.6	+3.1	12	21	+1	7	+1	77	8	dr.	2	17
HELWÂN	320	4	7	03	2	7	Sc	21.6	+3.4	9	19	-1	9	0	88	7	dr.	2	17
FAIYÛM	330	4	35	03	1	4	Sc	22.1	+4.4	11	21	-1	8	+1	88	9	0	dr.	5
MINYA	00	0	8	03	1	6	Sc	22.0	+3.8	10	22		5		77	6	0	0	
ASYÛT MANQABÂD	280	3	6	10	0	2	Sc	22.6	+3.5	12	20		8		63	5	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	21.5	+3.8	12	23		5		63	5	0	0.1	
QENA	320	2	15	00	0	0	—	21.0	+3.7	11	24	0	7	-1	63	4	0	0	
LUXOR	00	0	30	00	0	0	—	21.2	+3.6	14	23		7		52	4	0	0	
ASWÂN	350	3	50	00	0	0	—	21.7	+3.7	13	22	-3	9	-2	67	7	0	0	
SÎWA																			6
BAHARÎYA	360	2	35	02	2	7	Ac	23.1	+4.7	12	20	-2	6	0	77	8	0	0	6
FARAFRA	00	0	35	02	1	2	Ci	24.0		10	20		5		77	6	0	dr.	
DAKHLA	00	0	50	00	0	0	—	22.7	+3.7	10	20	-4	6	0	62	3	0	0	
KHARGA	00	0	35	00	0	0	—	23.1	+4.9	12	22	-2	6	-1	77	8	0	0	
SUEZ	00	0	35	00	0	0	—	19.8	+2.6	15	22	+1	9	-1	77	11	dr.	0.3	11
TÔR	40	4	50	00	0	0	—	19.4	+2.5	14	21	0	9	0	55	5	0	4	10
HURGHADA	260	9		03	1	2	Sc	18.9	+2.5	14	20		10		77	10	0	0	3
QUSEIR	310	9	15	02	0	0	—	19.4	+3.4	15	23	0	14	0	48	4	0	dr.	4
PORT SÛDÂN	340	13	10	01	0	1	Cu	17.3		21	27		15		47	9	0	156	92
WÂDI HALFA	310	2	30	02	0	0	—	21.4		18	23		8		37	3	0	dr.	
ABU HAMAD	360	8	30	02	0	0	—			13	26		9		29	-5	0		
KAREIMA																			1
'ATBARA	360	13	10	07	0	0	—	17.3		15	27		11		32	-2	0	0.3	2
KHARTÛM	360	10	30	02	0	0	—	17.3		15	29		12		30	-3	0	dr.	4
KASSALA	50	15	30	02	0	0	—	13.2		21	35		13		61	13	0	3	8
WÂD MEDANI	350	9	35	02	0	0	—	16.8		16	33		10		16	-10	0	46	12
RENK	360	13	35	02	0	1	Ci			21	33		12		35	5	0		49
ROSEIRES	310	9	35	02	0	0	—	15.9		18	33		14		30	0	0	0	36
EL OBEID	10	13	30	02	0	0	—	17.6		14	28		10		23	-7	0	7	16
EL FÂSHER	20	5	30	02	0	2	—			12	29		8		31	-5	0	6	6
GENEINA	20	10	10	05	0	1	Ci			14	31		12		25	-6	0		4
MALAKÂL	20	16	30	03	1	3	Cs	13.1		21	34		18		16	-6	0	70	88
WÂU	360	5	30	02	2	8	Cs	12.2		20	33		16		28	1	0	144	146
JUBA	00	0	30				Cs				36		18			3	0	193	151

HUMIDITY % Mean of day

STATION	on 11th	Diff. from normal
Alexandria	59	-6
Ezbekîya	65	+2
Gîza	59	-9
Helwân	61	+9

GÎZA

GRASS MINIMUM TEMP. ON 12th 2.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 11th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	179	15	77	270	11
950					
900					
850	1535	5	87	310	20
800					
700	3095	-4		300	20
600					
500	5679	-18		320	46
400	7313	-29		310	64
300	9316	-43		210	53

.... AIRPORT — On ... At ...

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

.... AIRPORT — On ... At ...

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on ...th

STATION	Fouad A.P.		Farouk		Luxor		P. Said		Asyut		Dakhla		Kharga		Minya		Hurghada		S. Barrani		Farouk		Fouad		Minya	
TIME	14		15		14		14		14		14		14		14		14		14		2c		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	350	16	280	13	350	10	310	16	320	12	10	13	20	14	360	13	360	22	330	15	320	17	310	27	10	23
600	340	16	300	13	360	10	300	15	320	13	360	13	30	17	340	13	320	13	330	15	320	19	320	23	360	27
1000	340	17	300	15	360	14	300	12	330	13	350	14	30	16	340	21	310	15	320	23	320	19	320	17	360	27
1500			310	20	350	17	290	14	360	12					340	21	290	20	310	15	320	20			330	16
2000			310	16	10	8	300	24	340	17					310	18			320	26	310	23			310	15
3000			300	20			260	16	330	23											300	24				
4000			320	24					330	26																
5000									320	35																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME							2				8	15	2	30										
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300							260	13			200	10	350	10										
600							300	14			280	22	350	19										
1000							300	14					340	19										
1500													310	32										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME									5		4		5		4		4		4	45	5			
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300									40	14														
600									30	25	30	23	30	18	20	21	30	15						
1000									30	18	30	23	20	22	20	18	30	15	20	31	30	19		
1500									20	15	50		10	30	10	16			50	11	10	3		
2000													20	28	290	8			310	3	330	11		
3000									330	15			240	4	280	34			290	8	290	20		
4000									330	17														
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

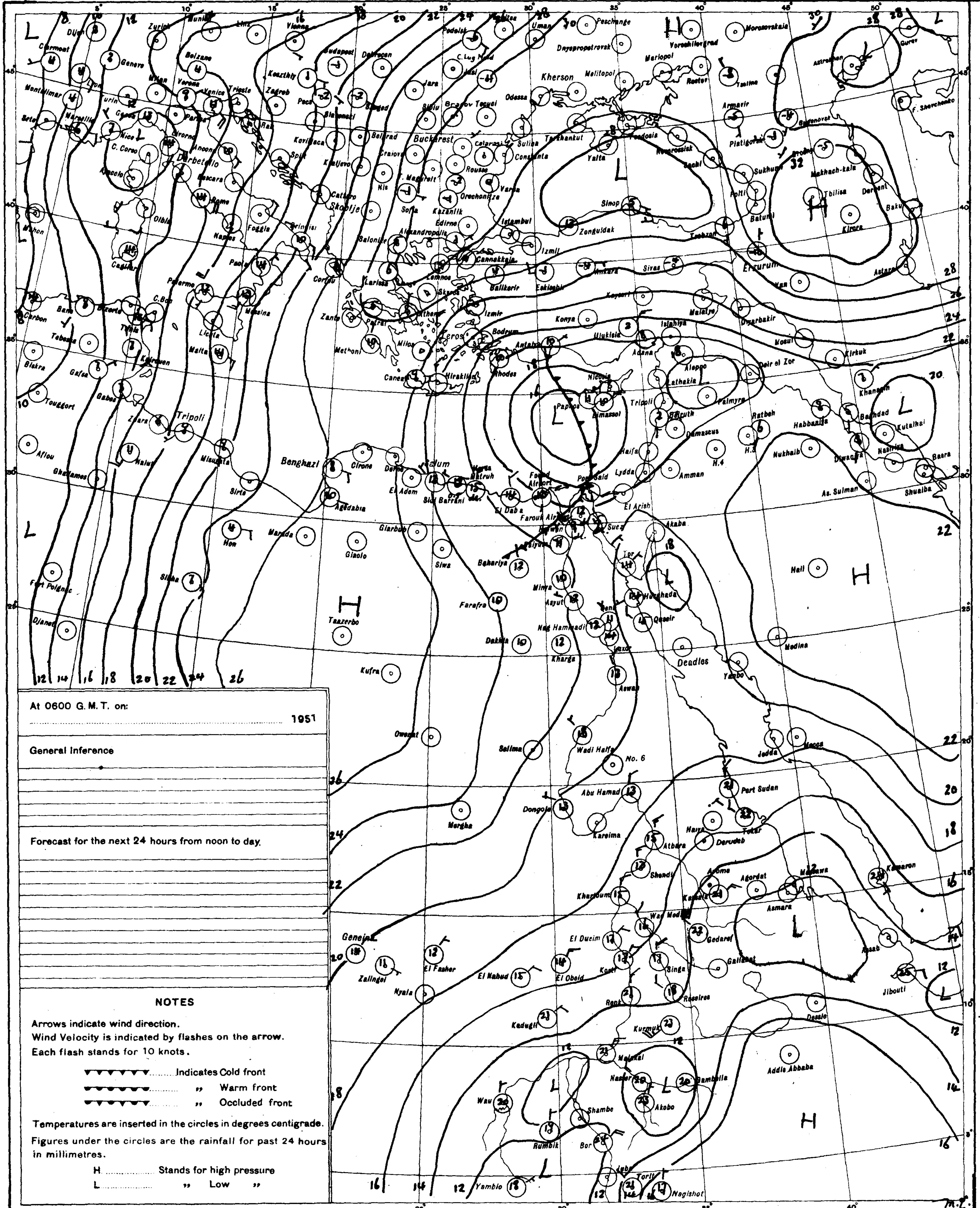
F.G.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 12/2/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
▲▲▲▲▲▲▲........ ,, Warm front
▼▲▼▲▼▲▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H................ Stands for high pressure
L................ ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(Ꞅ)
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*v/s less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

CAIRO
Time of Sunrise 04 38 G.M.T.
" " Sunset 15 41 G.M.T.

DAILY WEATHER REPORT

Date: Tuesday 13th February 1951

At 1200 on Monday 12th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	40	9	35	01	8	4	Cu, Ac	22.8	16	59	8
	303	SÎDI BARÂNI	10	12	14	02	1	4	Cu, Sc	23.2	16	59	8
	306	MATRÛH	360	18	12	01	1	2	Cu	22.5	17	42	4
	309	EL DABA	320	9	35	03	2	6	Sc	20.8	17	42	4
		ALEXANDRIA	330	22	50	02	8	4	Cb	19.9	17	52	7
	318	FOUAD (Airport)	350	14	18	01	8	4	Cu	20.0	17	49	6
	330	DAMIETTA	200	2	7	01	8	3	Cb	19.5	15	77	11
	333	PORT SAÏD	220	1	30	01	8	2	Cu, Ac	19.0	14	77	10
	336	EL 'ARISH											
LOWER EGYPT	339	DAMANHUR	310	13	15	02	8	3	Cu	20.6	17	42	4
	342	MANŞURA	40	5	35	03	8	6	Sc, Cu	20.2	15	68	9
	348	TANTA	360	5	35	03	2	5	Cu, Sc	20.6	17	60	9
	354	ZAGAZIG	40	1	35	02	8	4	Cu	19.4	16	49	5
	440	ISMA'ÎLIA	20	5	35	03	8	5	Cu	19.5	16	59	8
CENTRAL EGYPT	366	FAROUK (Airport)	250	7	30	02	8	5	As	20.4	15	63	8
	372	ALMÂZA	290	11	15	02	8	5	Sc	19.6	16	59	8
		EZBEKÎYA											
		GÎZA	320	7	18	02	1	5	Cu	19.6	18	46	6
	378	HELWÂN	290	4	50	01	8	6	Cb	20.2	15	59	7
UPPER EGYPT	381	FAIYÛM	330	6	35	03	2	7	Sc	20.3	17	60	9
	387	MINYA	340	14	10	03	2	6	Cu	20.4	21	26	1
	393	ASYUT MANQABÂD	320	10	14	02	1	5	Sc	20.8	18	43	5
	399	NAG' HAMMADI	290	2	15	01	0	2	Ac	19.1	21	41	7
	402	QENA	290	2	50	00	0	0	—	18.3	23	34	1
	405	LUXOR	330	12	30	00	0	0	—	18.4	22	29	3
	414	ASWÂN	20	3	50	00	0	0	—	18.3	22	27	2
OASES	417	SÎWA											
	420	BAHARÎYA	360	3	35	01	1	4	Ac	21.2	19	46	7
	423	FARAFRA	20	12	35	03	2	5	Ac	22.9	19	52	9
	432	DAKHLA	340	11	50	00	0	0	—	21.5	19	30	1
	435	KHARGA	360	4	15	02	1	3	Cu	21.1	21	41	7
RED SEA	450	SUEZ	310	8	50	03	2	6	Cu	18.7	17	52	7
	459	TOR	310	4	50	00	0	0	—	18.4	19	37	4
	462	HURGHADA	320	16	30	00	1	0	—	17.1	19	56	10
	465	QUSEIR	360	13	15	02	0	0	—	17.6	20	56	11
	641	PORT SÛDÂN	20	18	30	02	0	1	Cu	14.0	25	39	10
NORTH SUDAN	600	WÂDI HALFA	20	16	35	02	0	0	—	18.0	22	17	4
	640	ABU HAMAD	20	9	30	02	0	0	—		25	10	-9
	660	KAREIMA	20	10	30	02	0	0	—	14.9	24	22	1
	680	'ATBARA											
	721	KHARTÛM	340	14	30	03	0	1	Ci	12.2	27	19	1
	730	KASSALA	30	5	30	02	0	0	—	8.2	31	31	12
CENTRAL SUDAN	751	WÂD MEDANI	310	9	35	02	0	2	Ci	9.8	29	8	-9
	801	RENK	310	4	35	02	0	2	Ci	10.3	30	16	1
	802	ROSEIRES	310	5	35	03	0	0	—		31	16	2
	771	EL OBEID	20	10	30	01	0	0	—	11.5	26	9	-9
	760	EL FÂSHER	40	5	30	02	0	0	—		25	14	-5
	770	GENEINA	50	7	30	02	0	0	—		27	15	-2
S. SUDAN	840	MALAKÂL	20	12	30	03	1	4	Ci	7.8	32	12	-1
	880	WÂU	20	5	30	01	1	2	Ci	7.0	33	8	-5
	941	JUBA	340	9	30	04	2	8	Ci	5.5	35	12	1

At 1800 on Monday 12th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
SALÛM	340	12	15	00	0	0	—	24.2	14	55	5	dr.
SÎDI BARÂNI	350	10	12	02	0	0	—	24.2	14	55	5	0
MATRÛH	360	11	10	02	2	4	Cu	23.1	14	67	8	0
EL DABA	340	6	7	02	2	5	Sc, Cu	22.3	15	59	7	0
ALEXANDRIA	40	16	35	03	2	5	Cb	21.4	15	59	7	dr.
FOUAD (Airport)	360	9	12	01	1	3	Cu	21.1	14	72	9	0.2
DAMIETTA	160	2	7	02	2	3	Cu	20.4	11	95	11	2
PORT SAÏD	270	3	18	02	0	1	Cu, Sc	20.5	13	72	8	3
EL 'ARISH	220	2	15	01	8	6	Cb	20.0	12	77	8	Rain
DAMANHUR	310	9	15	02	1	2	Cu	21.2	12	77	8	dr.
MANŞURA	360	5		00	0	0	—	21.2	12	77	8	1
TANTA	00	0	35	02	1	0	—	21.9	11	77	7	0
ZAGAZIG	00	0	35	00	1	0	—	20.6	13	77	9	1
ISMA'ÎLIA	320	2	35	01	0	0	—	21.0	11	88	9	1
FAROUK (Airport)	260	3	12	02	1	1	Ac	21.4	12	77	8	1
ALMÂZA	250	4	12	00	0	0	—	21.2	12	77	8	1
EZBEKÎYA	00	0	12	02	1	1	Cu	21.4	11	82	8	1
GÎZA	00	0	12	02	1	1	Cu	21.0	10	88	8	2
HELWÂN	00	0	7	01	1	0	—	21.6	11	77	7	2
FAIYÛM	00	0	35	80	8	0	—	21.4	13	77	9	dr.
MINYA	360	6	8	02	1	4	Sc	22.0	14	59	6	0
ASYUT MANQABÂD	320	8	10	03	1	6	Ac	21.5	13	67	7	0
NAG' HAMMADI	00	0	7	01	0	4	Ac	20.2	14	67	8	0
QENA	320	2	7	00	0	0	—	20.0	16	42	3	0
LUXOR	310	8	12	00	0	0	—	20.0	15	48	4	0
ASWÂN	00	0	50	00	0	0	—	20.0	18	37	3	0
SÎWA												
BAHARÎYA	00	0	15	02	1	0	—	22.7	12	77	8	0
FARAFRA	290	3	15	01	2	0	—	23.2	13	67	7	0
DAKHLA	320	8	50	00	0	0	—	23.0	16	24	-5	0
KHARGA	00	0	15	03	1	5	Cu	22.6	15	48	4	0
SUEZ												
TOR	310	11	15	00	0	0	—	19.5	16	42	3	0
HURGHADA												
QUSEIR	360	9	15	02	0	0	—	18.7	19			0
PORT SÛDÂN	310	9	30	03	0	1	Cu	16.6	21	65	14	0
WÂDI HALFA	360	7	50	02	0	0	—	18.8	17	28	-2	0
ABU HAMAD	340	4	30	02	0	0	—		19	17	-7	0
KAREIMA	20	10	30	02	0	0	—	16.2	20	21	-3	0
'ATBARA	340	5	30	02	0	0	—	14.1	20	21	-3	0
KHARTÛM	340	9	30	02	0	1	—	14.0	21			0
KASSALA	340	5	30	01	0	0	—	16.6	23	41	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	2	30	02	0	0	—	13.5	20	17	-6	0
EL FÂSHER	70	5	30	02	0	0	—		21	23	-1	0
GENEINA	20	5	30	02	0	0	—		21	20	-3	0
MALAKÂL	360	6	30	01	1	1	—	10.0	24	30	5	0
WÂU	20	2	30	00	0	0	—	8.0	27	23	4	0
JUBA	00	0	10	04	2	1	Ci	7.3	27	28	7	0

At 0600 on Tuesday 13th February

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	Diff. from normal mbs.	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	5	15	00	1	3	Cu	24.2		13	17		10		77	9	dr.	84	
SÎDI BARÂNI	90	2	14	00	0	7	Cu, Sc	23.8		14	17		10		77	10	0	97	
MATRÛH	80	8	14	03	2	6	Cu	23.5	+6.8	15	18		8		63	8	0	Rain	
EL DABA	40	5	15	01	1	3	Cu	22.0		16	17		12		49	5	0	33	
ALEXANDRIA	40	10	50	03	8	6	Cb	23.0	+5.4	15	18	-1	12	+1	68	9	1	44	157
FOUAD (Airport)	40	3	12	03	8	5	Cu	22.6		13	17		8		88	11	1	50	122
DAMIETTA	70	2	7	01	8	2	Cu	22.6	+5.0	14	18		8		88	12	2	Rain	79
PORT SAÏD	160	1	8	02	8	2	Cu	21.9	+5.3	13	16		10		82	10	4	13	
EL 'ARISH	220	2	35	01	1	2	Cu	22.2	+4.8	13	15	-5	8	0	77	9	0	Rain	61
DAMANHUR	40	5	7	02	8	2	Cu	22.7	+6.0	12	18	-2	9	+1	77	8	dr.	25	71
MANŞURA	360	5	35	00	0	0	—	22.4	+5.6	11	18	-2	8	+1	88	9	1	22	35
TANTA	00	0	35	02	0	0	—	22.8	+5.6	7	18	-3	4	-3	95	7	0	19	28
ZAGAZIG	320	1	3	43	4	0	—	22.8	+5.3	6	17	-3	4	-3	95	6	1	Rain	18
ISMA'ÎLIA											18								
FAROUK (Airport)	240	3	10	00	0	0	—	22.5		9	16		7		94	8	1	1	
ALMÂZA	00	0	10	05	0	0	—	22.3	+4.7	8	17		6		88	6	1	2	
EZBEKÎYA	00	0	12	00	0	0	—	22.0	+4.4	9	18	-3	7	-1	94	8	1	2	16
GÎZA	00	0	12	00	0	0	—	21.8	+4.3	9	18	-2	3	-3	88	7	2	3	17
HELWÂN	00	0	3	10	4	0	—	22.3	+4.1	8	16	-4	6	-3	88	6	2	4	17
FAIYÛM	00	0	35	02	0	0	—	22.5	+3.9	9	18	-4	5	-2	95	9	dr.	dr.	5
MINYA											22								
ASYUT MANQABÂD	00	0	8	10	0	0	—	22.2	+3.2	8	19		6		71	3	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	21.0	+3.4	11	22		6		77	7	0	0.1	
QENA	270	2	15	00	0	0	—	20.4	+3.2	10	24	-1	7	-1	76	6	0	0	
LUXOR	210	4	30	00	0	0	—	19.9	+2.4	11	23		6		63	4	0	0	
ASWÂN	350	3	50	00	0	0	—	20.3	+2.4	13	23	-2	10	-1	67	7	0	0	
SÎWA																			6
BAHARÎYA	360	3	35	02	0	0	—	23.0	+4.7	11	20	-2	4	-2	77	7	0	0	6
FARAFRA	00	0	35	02	0	0	—	23.8		10	20		7		76	6	0	dr.	
DAKHLA	340	5	50	00	0	0	—	21.4	+2.5	10	21	-3	7	+1	50	0	0	0	
KHARGA	360	1	35	00	0	0	—	21.9	+3.8	12	21	-3	9	+2	63	5	0	0	
SUEZ	00	0	35	00	0	0	—	21.8	+4.7	11			5	-5	88	9	0	0.3	11
TOR	310	4	50	00	0	0	—	18.6	+1.8	15	21	0	11	+1	39	1	0	4	10
HURGHADA																			
QUSEIR											22	-1							4
PORT SÛDÂN	340	13	30	02	0	1	Sc	16.2		22	26		16		57	13	0	156	72
WÂDI HALFA	00	0	30	02	0	0	—	20.9		11	24		8		51	1	0	dr.	
ABU HAMAD	360	8	30	02	0	0	—			14	26		11		23	-7	0		
KAREIMA	340	2	30	02	0	0	—	18.0		13	25				31	-4	0	dr.	1
'ATBARA											27								2
KHARTÛM	10	11	30	02	0	1	Ci	15.9		15	30		10		34	-1	0	dr.	4
KASSALA	320	1	30	02	0	0	—	12.8		17	33		10		68	11	0	3	8
WÂD MEDANI	360	9	35	02	0	0	—	15.3		17	31		9		77	13	0	46	12
RENK	360	13	35	02	0	0	—	14.3		19	31		12		32	2	0		49
ROSEIRES	360	9	35	02	0	0	—	14.0		20	33		14		26	0	0	0	36
EL OBEID											27								16
EL FÂSHER	20	2	30	03	0	1	—			9	28		6		40	-4	0	6	6
GENEINA	50	11	30	02	0	0	—			14	28		12		29	-4	0		4
MALAKÂL	20	18	30	03	1	4	Ci	12.0		21	33		15		20	-3	0	70	88
WÂU	00	0	15	02	0	0	—	10.3		22	34		16		65	15	0	144	147
JUBA											36								151

HUMIDITY %

Mean of day

STATION	on 12th	Diff. from normal
Alexandria	72	+7
Ezbekîya	79	+17
Gîza	80	+12
Helwân	77	+15

GÎZA GRASS MINIMUM TEMP. ON 13th 0.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs	HEIGHT ABOVE M.S.L. METRES	DRY °C	WET °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 12th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000	172	13	63	350	7
950					
900					
850	1509	2	75	330	12
800					
700	3048	-6		330	29
600					
500	5602	-23		310	59
400	7209	-30		310	95
300	9208	-42		310	97

..... AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

STATION	Fouad A.P.		S. Barrani		Dakhla		Port Said																Farouk		Fouad A.P.	
TIME	14		14		14		14																20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	360	16	20	12	320	10	300	9															300	7	20	13
600	330	18	20	10	320	9	310	10															320	10	20	11
1000	340	20	360	9	310	18	320	10															320	10	30	9
1500			360	9			320	13															320	8	30	17
2000							20	3																	20	14
3000							350	9																	330	14
4000							330	13																		
5000							350	16																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAÏD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME					2		3				8						3 30						2	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					40	14	40	5			30	2					330	7						
600					40	17	50	7			30	16					350	12					20	12
1000					40	18	60	8			30	13					350	22					20	10
1500					40	16	70	7			30	18					350	15					30	15
2000					40	10					20	22												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME							8		5		4		3						4 45				4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300							10	11	30	17													10	1
600									30	24	20	20	30	21										
1000									30	22	50	25	40	40					20	34			10	38
1500									30	20	20	18							40	30			40	17
2000																								
3000									340	16	310	15	60	10					240	21				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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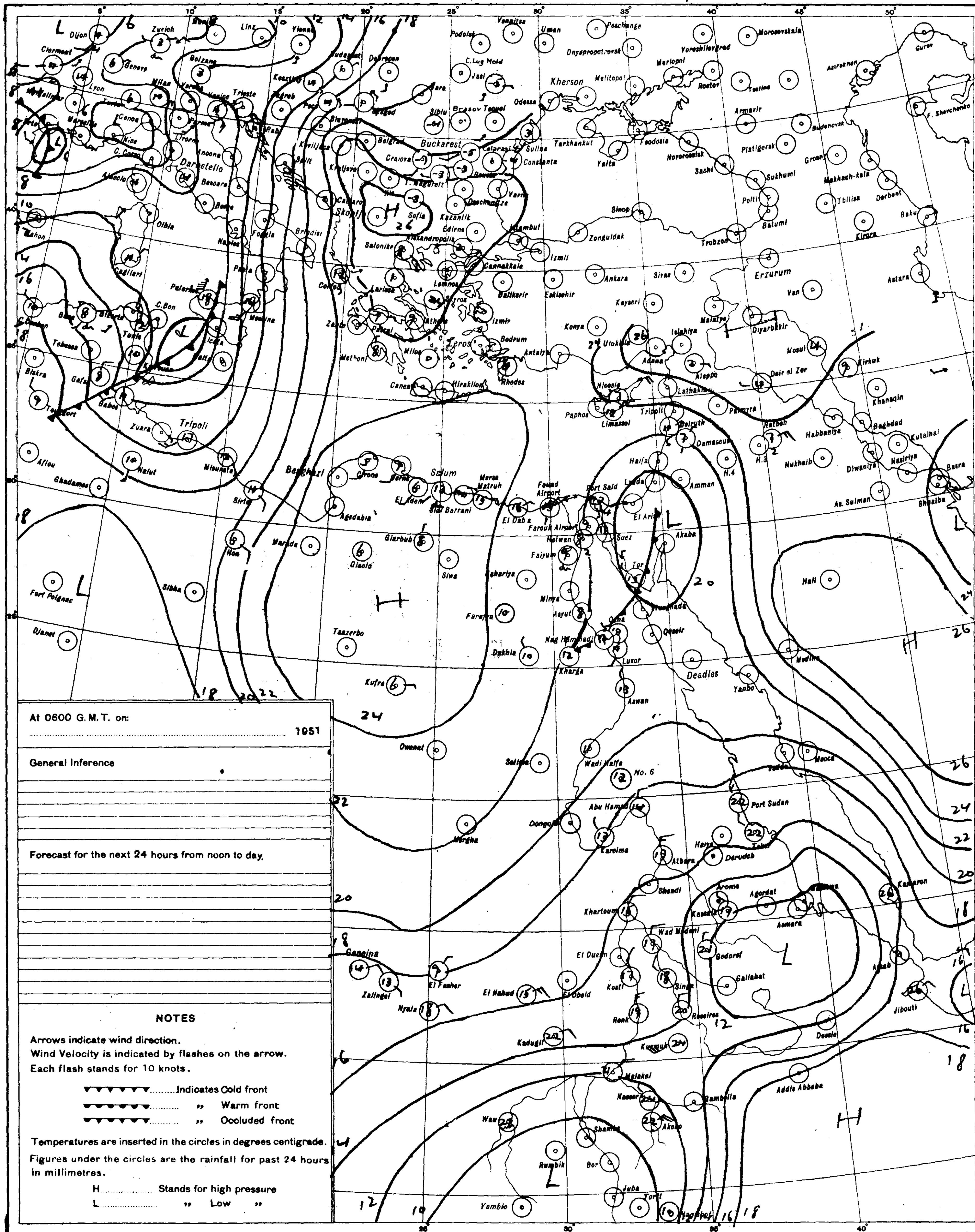
Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday 13-2-*1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.........Indicates Cold front
●●●●●●.......... ,, Warm front
▼●▼●▼●.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*v/s less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 04 37 G.M.T.

" " Sunset 15 42 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 14th February, 1951

At 1200 on Tuesday 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	5	35	40	1	3	Cu,ac	22.8	17	68	11
	303	SIDI BARANI	90	2	14	02	1	1	Sc	22.5	17	52	7
	306	MATRUH	70	12	14	02	2	6	Cu,Sc	23.3	18	52	8
	309	EL DABA	40	7	35	01	1	3	Cu	22.3	18	46	6
		ALEXANDRIA	40	16	50	02	8	4	Cu	22.2	17	60	9
	318	FOUAD (Airport)	50	16	18	03	8	3	Cu	22.2	18	49	7
	330	DAMIETTA	20	5	35	03	1	5	Cu	22.0	17	68	11
	333	PORT SA'ID	50	13	30	02	1	5	Sc	21.6	17	64	10
	336	EL 'ARISH	20	2	35	02	0	2	Sc	21.0	15	68	9
Lower Egypt	339	DAMANHUR	60	9	15	02	1	3	Cu	22.4	18	52	8
	342	MANSURA	40	9	35	02	1	3	Cu	22.0	18	52	8
	348	TANTA	360	8	35	01	1	4	Cu,Sc	21.6	19	46	7
	354	ZAGAZIG	40	1	35	03	1	3	Cu	21.6	17	52	7
	440	ISMA'ILIA	20	5	35	03	1	6	Cu	21.1	17	52	7
Cairo Area	366	FAROUK (Airport)	70	16	30	02	2	3	Cu	21.2	17	49	6
	372	ALMAZA	40	14	14	02	1	4	Cu	20.7	18	46	6
		EZBEKIYA	40	4	18	02	1	5	Cu	20.8	19	40	5
		GIZA	40	4	18	02	1	5	Cu	20.6	18	46	6
	378	HELWAN	20	13	35	03	1	4	Cu	20.2	18	37	3
Upper Egypt	381	FAIYUM	330	2	35	03	2	0	—	19.7	18	46	6
	387	MINYA	20	11	12	02	1	2	Cu	19.7	19	43	6
	393	ASYUT MANQABAD	350	10	30	01	1	1	Cu	18.7	18	34	2
	399	NAG' HAMMADI	290	2	15	00	0	0	—	17.0	21	41	7
	402	QENA	220	2	50	00	0	0	—	16.8	22	29	3
	405	LUXOR	20	8	30	00	0	0	—	16.0	20	19	-4
	414	ASWAN	330	5	50	00	0	0	—	16.9	20	28	1
Oases	417	SIWA											
	420	BAHARIYA	360	4	35	02	1	5	ac	20.6	19	46	7
	423	FARAFRA	340	9	35	03	2	5	ac	22.1	18	46	6
	432	DAKHLA	340	16	50	00	0	0	—	18.8	18	37	3
	435	KHARGA	350	4	35	00	0	0	—	19.5	19	35	3
Red Sea	450	SUEZ	360	8	50	03	1	4	cb	19.5	17	42	4
	459	TOR	310	8	50	00	0	0	—	17.1	19	37	4
	462	HURGHADA	320	13	30	02	1	2	Cu	16.4	17	56	8
	465	QUSEIR	360	13	15	02	0	2	Ci	17.0	20	64	13
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	340	9	30	02	2	8	—	12.1	26	17	-1
	721	KHARTUM											
	730	KASSALA	360	9	35	02	0	0	—	10.7	29	19	3
Central Sudan	751	WAD MEDANI	310	9	35	02	0	0	—	8.2	30	12	-2
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	0	—		32	21	7
	771	EL OBEID	350	8	30	02	0	0	—	10.1	27		
	760	EL FASHER	40	6	30	02	0	1	Ci		24	14	-6
	770	GENEINA	90	3	30	02	0	0	—		27	16	-1
S. Sudan	840	MALAKAL	360	12	30	03	1	5	Ci	5.4	33	8	-5
	880	WAU	50	2	30	02	0	0	—	6.0	33	13	1
	941	JUBA											

At 1800 on Tuesday 13th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	70	9	15	03	1	5	Ci	23.4	16	59	8	0
SIDI BARANI	90	1	12	02	0	0	—	23.1	14	67	8	0
MATRUH	100	5	14	02	2	5	Cu,Sc	24.1	13	67	7	0
EL DABA			7	01	1		Cu	23.0	15	59	7	0
ALEXANDRIA	40	10	35	03	2	3	Cu	23.4	15	59	10	1
FOUAD (Airport)	40	4	12	01	0	1	Cu	23.1	11	82	8	dr.
DAMIETTA	20	2	7	00	0	0	—	22.7	15	77	11	0
PORT SA'ID	40	15	12	01	0	0	—	22.3	15	45	3	0
EL 'ARISH	320	5	15	01	0	0	—		15	59	7	0
DAMANHUR	40	9	7	02	0	0	—	23.4	13	77	9	0
MANSURA	40	5		00	1	0	—	23.0	13	77	9	0
TANTA	360	2	35	02	1	0	—	22.6	12	77	8	0
ZAGAZIG	320	5	35	00	1	0	—	22.2	12	77	8	0
ISMA'ILIA												
FAROUK (Airport)	40	16	11	00	2	0	—	22.1	14	67	8	0
ALMAZA	50	13	15	00	0	0	—	21.8	14	67	8	0
EZBEKIYA	360	6	12	00	0	0	—	21.9	13	67	7	0
GIZA	360	6	12	00	0	0	—	21.6	14	67	8	0
HELWAN	20	13	15	01	1	0	—	21.5	14	55	5	0
FAIYUM												
MINYA	330	4	10	00	1	0	—	20.2	13	55	4	0
ASYUT MANQABAD	300	6	10	00	0	0	—	19.9	13	67	7	0
NAG' HAMMADI	00	0	7	00	0	0	—	17.8	13	77	9	0
QENA	320	2	7	00	0	0	—	17.9	16	49	5	0
LUXOR	320	3	12	00	0	0	—	17.6	14	48	3	0
ASWAN	00	0	50	00	0	0	—	18.0	18	28	-1	0
SIWA												
BAHARIYA	40	2	15	02	1	0	—	22.0	14	67	8	0
FARAFRA	340	4	15	01	2	0	—	22.4	13	55	4	0
DAKHLA	340	8	50	00	0	0	—	19.7	14	48	3	0
KHARGA	00	0	15	00	0	0	—	21.2	15	48	4	0
SUEZ	40	9	50	01	0	0	—	20.8	13	77	9	0
TOR	40	2	15	00	0	0	—	17.6	15	59	7	0
HURGHADA												
QUSEIR	310	13	15	01	0	0	—	17.5	19	52	9	0
PORT SUDAN	350	7	30	02	0	1	Cu	14.8	22	61	14	0
WADI HALFA	330	16	50	02	0	0	—	18.0	17	28	-2	0
ABU HAMAD	360	5	30	02	0	0	—		18	24	-3	0
KAREIMA	360	10	30	02	0	0	—	14.5	20	21	-3	0
'ATBARA	340	5	30	01	2	1	Ci	13.1	20	24	-1	0
KHARTUM	350	8	30	02	0	0	—	11.9	22	29	3	0
KASSALA	350	4	30	02	0	0	—	9.6	23	38	8	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	350	5	30	02	0	0	—	12.3	20	16	-7	0
EL FASHER	90	7	30	02	0	0	—		21	21	-2	0
GENEINA	50	2	30	02	0	0	—		21	25	0	0
MALAKAL	360	6	30	01	1	5	ac, Ci	8.1	25	18	-1	0
WAU	20	2	30	02	0	0	—	7.4	27	17	0	0
JUBA												

At 0600 on Wednesday 14th February

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	2	15	00	1	3	ac	24.7		13	18		9		67	7	0	84	
SIDI BARANI	180	2	14	00	0	3	Ac	24.1		8	17		7		76	4	0	97	
MATRUH											18								
EL DABA	20	6	15	01	1	3	Cu			15	18		12		59	7	0	33	
ALEXANDRIA	40	13	50	03	2	2	Cu	23.6	+6.0	16	18	-1	12	+1	59	8	1	45	158
FOUAD (Airport)	40	4	18	01	0	1	Sc	23.5		14	19		10		67	8	dr.	50	122
DAMIETTA	20	2	7	03	1	1	Cu	23.0	+6.4	14	18		12		88	12	0	Rain	80
PORT SA'ID	40	9	18	03	0	1	Cu	22.4	+5.9	16	18		15		64	9	0	13	
EL 'ARISH											17	-3							61
DAMANHUR	40	5		02	0	0	—	24.0	+7.3	11	19	-1	8	0	88	9	0	25	72
MANSURA	360	5	35	00	0	0	—	23.3	+6.6	12	21	+1	9	+1	77	8	0	22	35
TANTA	310	2	35	02	0	0	—	23.3	+6.2	7	20	-1	4	-3	87	5	0	19	28
ZAGAZIG	320	1	3	43	4	0	—	23.0	+5.5	10	20	0	5	-2	76	6	0	Rain	18
ISMA'ILIA	20	2	35	01	0	0	—	23.4		12			8		77	8	0	12	
FAROUK (Airport)	90	3	12	03	0	1	Sc	22.9		10	18		6		88	8	0	1	
ALMAZA	80	5	10	02	0	1	Sc	22.7	+5.2	9	18		6		94	8	0	2	
EZBEKIYA	360	3	12	00	0	0	—	22.6	+5.1	10	20	-1	8	0	88	8	0	2	16
GIZA	360	3	12	00	0	0	—	22.2	+4.7	12	19	-2	6	0	77	8	0	3	17
HELWAN	20	13	15	00	0	0	—	22.3	+4.2	12	18	-2	8	-1	77	8	0	4	17
FAIYUM	360	8	35	02	0	0	—	22.3	+4.8	11			6	-1	77	7	0	dr.	5
MINYA	350	7	8	00	0	0	—	21.1	+3.1	8	20		5	-2	76	4	0	0	
ASYUT MANQABAD	280		8	10	0	0	—	21.2	+2.3	9	20		5		71	4	0	dr.	
NAG' HAMMADI	270	1	7	00	0	0	—	19.4	+1.8	9	22		6		88	7	0	0.1	
QENA	220	2	15	00	0	0	—	19.9	+2.8	9	24	-1	7	-1	71	4	0	0	
LUXOR											23								
ASWAN	350	4	50	00	0	0	—	19.3	+1.4	12	21	-4	9	-2	67	6	0	0	
SIWA																			6
BAHARIYA	360	2	35	02	0	0	—	23.0	+4.7	11	20	-2	6	0	77	7	0	0	6
FARAFRA	340	6	35	03	0	0	—	23.5		10	19		5		76	6	0	dr.	
DAKHLA	280	8	50	01	0	1	—	22.0	+3.1	9	19	-5	6	0	62	2	0	0	
KHARGA	360	2	35	03	1	1	Ci	20.6	+2.6	9	19	-5	6	-1	71	4	0	0	
SUEZ	360	4	35	00	0	0	—	21.2	+4.2	11	18	-3	11	+1	88	9	0	0.3	11
TOR	360	2	50	00	0	0	—	18.6	+1.9	13	20	-1	7	-3	44	1	0	4	10
HURGHADA	250	10	30	03	0	2	Cu	18.4	+2.2				10	0	49	7	0	0	
QUSEIR	360	13	15	00	0	0	—	17.2	+1.3	17	21	-2	14	0	60	9	0	dr.	4
PORT SUDAN	350	16	30	03	1	6	Sc,ac	15.2		23	26		17		57	14	0	156	92
WADI HALFA	340	2	50	02	0	0	—	19.6		11	23		7		54	2	0	dr.	
ABU HAMAD	10	8	30	02	0	0	—			15	25		11		27	-4	0		
KAREIMA	20	6	30	02	0	0	—	17.4		13	25		9		38	-1	0	dr.	1
'ATBARA											27								2
KHARTUM	10	10	30	02	0	0	—	15.8		14	29		11		34	-2	0	dr.	4
KASSALA	90	2	30	03	0	2	ac	11.2		21	33		12		47	9	0	3	8
WAD MEDANI	50	9	35	02	0	0	—	13.8		17	31		12		26	-3	0	46	12
RENK	360	13	35	02	0	0	—	13.9		20	32		13		26	0	0		49
ROSEIRES	310	9	35	02	0	0	—	13.4		18	34		14		37	3	0	0	36
EL OBEID	360	9	30	02	0	4	Ci	15.8		15	28		11		23	-6	0	7	16
EL FASHER	10	4	30	03	1	7	Cs			9	27		5		37	-5	0	6	6
GENEINA	20	12	30	03	1	4	Ci			14	27		11		34	-3	0		4
MALAKAL	20	13	30	02	1	4	Ci	12.0		22	34		17		14	-7	0	70	88
WAU	20	5	30	01	1	1	ac	11.1		22	35		17		28	2	0	144	147
JUBA	130	2	10	04	0	2	ac,ci	11.7		25	37		16		34	8	0	193	152

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	61	-4
Ezbekiya	73	+11
Giza	71	+4
Helwan	68	+16

GIZA GRASS MINIMUM TEMP. ON 14th 3.6°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 13th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	179	16	52	30	12
950					
900					
850	1531	8	62	40	22
800					
700	3075	-4		50	15
600					
500	5649	-16		30	29
400	7289	-30		20	26
300	9280	-44		360	11

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 13th

Height m.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk Dir.	Farouk Vel.	Dakhla Dir.	Dakhla Vel.	S. Barrani Dir.	S. Barrani Vel.			Farouk A.P. Dir.	Farouk A.P. Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14	30	14		14		14		14		14				20		20		20	
300	360	15	360	9	330	17	360	14	50	13	40	23	30	24	300	18	60	12			60	23	60	10	30	23
600	360	16	10	10	330	16	330	18	60	13	50	25	40	26	310	19	70	12			50	30	50	14	40	26
1000	10	16	360	12	340	16	290	23	90	8	40	16	40	15	320	13	120	20			60	29	60	14	20	22
1500			10	16	360	18	330	14	60	7			20	15			200	5			60	20	30	10	20	6
2000					10	22	320	20					20	17			180	6			60	21	40	9	30	8
3000					360	20	340	16													20	16				
4000					340	16											10	11								
5000																	10	13								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time					2		8						2										8	
300					40	14	30	10					20	20									40	23
600					40	15	50	11					40	30									40	28
1000					30	15	360	13					20	22									50	22
1500							40	5					360	14									40	16
2000																							50	20
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time							8		5		4		5		5		4		4 45		5			
300							30	10	10	8														
600							40	17	20	23	20	17	50	15	10	19	90	2						
1000							30	19	20	27	50	20	50	18	20	27	30	14	30	29	10	11		
1500							360	20	30	9	50	2	50	18	360	11	50	11	40	4	40	10		
2000							330	12							30	7	150	8	310	3				
3000															240	21	110	3	260	9				
4000																	130	2						
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

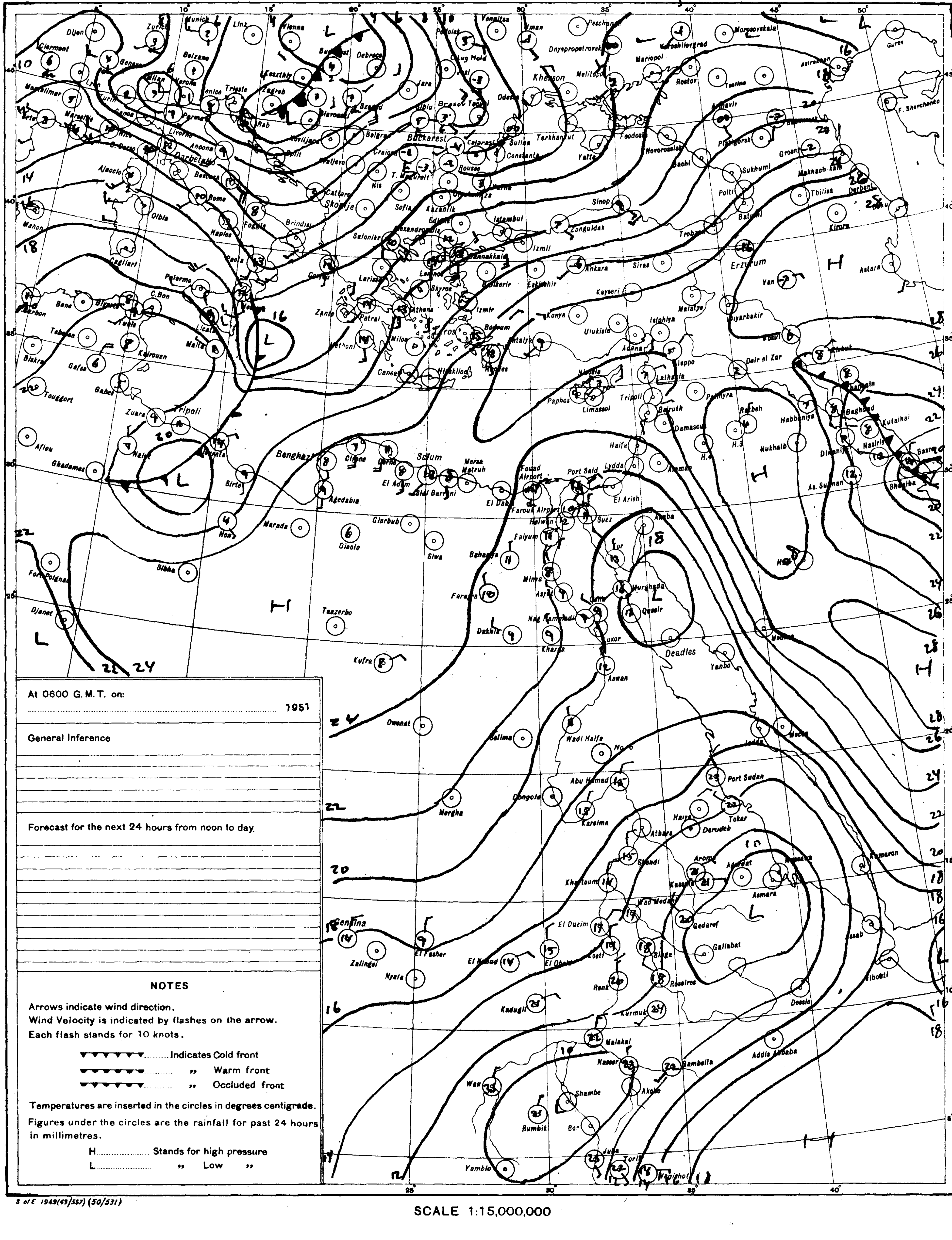
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 14/2 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 36 G. M. T.
" " Sunset 15 43 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 15th February, 1951

At 1200 on Wednesday 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	70	5	35	00	0	0	—	22.4	18	46	6
	303	SÎDI BARÂNI	40	2	14	01	0	1	ac	23.5	17	52	7
	306	MATRÛH	40	8	15	02	1	2	Cu, Ci	23.1	18	43	5
	309	EL DABA	40	8	35	01	1	3	Cu	22.3	18	46	6
		ALEXANDRIA	40	11	50	02	2	6	Cu	22.7	18	46	6
	318	FOUAD (Airport)	40	12	18	02	2	5	Cu	22.8	18	49	7
	330	DAMIETTA	20	5	35	02	1	1	Cu	21.9	17	60	9
	333	PORT SA'ÎD	30	9	30	01	0	1	Cu	21.4	19	64	12
	336	EL 'ARISH	40	5	35	03	1	1	Cu	20.8	16	77	12
Lower Egypt	339	DAMANHUR	40	13	15	02	2	2	Cu	23.1	18	46	6
	342	MANSURA	40	9	35	02	1	4	Cu	22.2	20	41	6
	348	TANTA	40	8	35	01	1	4	Cu, Sc	22.0	20	41	6
	354	ZAGAZIG	40	3	35	01	1	3	Cu	21.1	21	41	7
	440	ISMA'ÎLÎA	40	9	35	03	1	4	Cu	20.7	20	33	3
Cairo Area	366	FAROUK (Airport)	40	15	30	02	2	5	Cu	20.4	20	38	5
	372	ALMÂZA	60	14	30	03	2	6	Cu	20.6	18	43	5
		EZBEKÎYA	360	4	18	02	1	6	Cu	20.4	20	41	6
		GÎZA	360	4	18	02	1	6	Cu	20.0	20	38	6
	378	HELWÂN	360	11	35	03	1	4	Cu	20.0	20	26	0
Upper Egypt	381	FAIYÛM	20	8	35	03	1	4	Cu	20.1	20	41	6
	387	MINYA	30	12	10	03	1	2	Cu	18.3	22	27	2
	393	ASYÛT MANQABÂO	340	5	14	00	0	0	—	17.8	20	35	4
	399	NAG' HAMMÂDI	290	2	15	01	0	2	ac	16.4	22	44	9
	402	QENA	320	2	50	00	0	0	—	16.6	23	32	5
	405	LUXOR	330	5	30	03	1	2	Cu	15.6	22	29	3
	414	ASWÂN	00	0	50	01	1	3	Ci	14.9	22	19	-3
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	1	3	ac	20.7	19	46	7
	423	FARAFRA	20	16	35	02	1	2	cs	21.4	19	52	9
	432	DAKHLA	340	16	50	00	1	1	Ci	17.2	19	30	1
	435	KHARGA	360	4	35	03	1	3	Ci	17.4	21	26	1
Red Sea	450	SUEZ	40	7	50	03	1	2	Cu	18.7	20	33	3
	459	TÛR	310	4	30	00	0	0	—	17.0	20	46	8
	462	HURGHÂDA											
	465	QUSEIR	360	19	15	02	0	2	Cu	16.6	21	65	14
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	340	8	50	02	1	1	ac	15.5	21	15	-7
	640	ABU HAMAD											
	660	KAREIMA	310	4	30	02	0	0	—	13.6	23	19	-2
	680	'ATBARA	360	9	30	03	0	2	Ci	10.8	26	21	2
	721	KHARTÛM	340	13	50	02	1	3	CS	10.5	27	23	4
	730	KASSALA	340	6	10	06	2	0	—	5.8	33	26	11
Central Sudan	751	WÂD MEDANI	310	5	50	02	1	5	CS	6.0	34	12	1
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	0	—	4.8	33	19	6
	771	EL OBEID	350	11	30	03	1	7	CS	10.2	26	7	-13
	760	EL FÂSHER	40	7	30	01	2	6	CS		25	22	2
	770	GENEINA	70	6	30	03	2	5	CS		27	15	-2
S. Sudan	840	MALAKÂL	20	6	30	03	1	4	ac, Ci	6.3	34	9	-3
	880	WÂU	360	6	30	03	1	5	Ci	8.9	31	11	-3
	941	JUBA	360	9	10	04	0	3	ac, Ci	4.5	35	15	5

At 1800 on Wednesday 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300 SALÛM	160	2	15	00	0	0	—	22.7	15	59	7	0
303 SÎDI BARÂNI	90	2	14	02	0	0	—	23.3	12	77	8	0
306 MATRÛH	20	3	10	01	0	1	Sc, Cu	24.7	13	63	6	0
309 EL DABA	00	0	7	01	1	3	Cu	23.9	14	55	5	0
ALEXANDRIA	40	16	35	03	2	4	Cu	23.0	15	59	7	0
318 FOUAD (Airport)	20	5	12	02	1	4	Cu	22.8	14	67	8	0
330 DAMIETTA	20	5	7	02	0	0	—	22.2	15	88	13	0
333 PORT SA'ÎD	40	11	18	02	0	0	—	21.2	16	68	10	0
336 EL 'ARISH	40	9	15	01	0	0	—	20.0	16	59	8	0
339 DAMANHUR	40	9	7	02	0	0	—	23.1	13	77	9	0
342 MANSURA	360	5		00	1	0	—	22.3	13	77	9	0
348 TANTA	360	2	35	02	1	0	—	22.6	12	77	8	0
354 ZAGAZIG	00	0	15	02	1	0	—	22.3	13	77	9	0
440 ISMA'ÎLÎA	20	2	35	01	0	0	—	21.8	14	77	10	0
366 FAROUK (Airport)	40	16	11	00	1	0	—	21.8	14	67	8	0
372 ALMÂZA	50	13	12	01	1	0	—	21.2	15	52	7	0
EZBEKÎYA	360	3	12	00	0	0	—	21.2	14	63	7	0
GÎZA	360	3	12	00	0	0	—	20.8	15	59	7	0
378 HELWÂN	360	12	15	01	0	0	—	21.2	15	48	4	0
381 FAIYÛM	360	2	35	02	1	4	Cu	20.5	15	59	7	0
387 MINYA	360	9	8	00	1	0	—	19.9	13	55	4	0
393 ASYÛT MANQABÂO	300	7	10	00	0	0	—	18.7	14	59	6	0
399 NAG' HAMMÂDI	00	0	7	00	0	0	—	17.8	14	77	10	0
402 QENA	320	2	7	0	0	0	—	17.1	16	49	5	0
405 LUXOR												
414 ASWÂN												
417 SÎWA												
420 BAHARÎYA												
423 FARAFRA	360	6	15	01	1	0	—	21.8	13	55	4	0
432 DAKHLA	340	8	50	01	1	0	—	19.6	14	48	3	0
435 KHARGA												
450 SUEZ	60	5	15	01	0	3	—	19.9	14	55	5	0
459 TÛR	270	2	15	00	0	0	—	17.2	19	64	12	0
462 HURGHÂDA	260	11	12	00	0	0	—	16.6	16	68	10	0
465 QUSEIR	330	13	35	01	0	1	Ci	17.0	19	52	9	0
641 PORT SUDÂN	360	6	30	02	2	7	Sc	13.9	23	61	15	0
600 WÂDI HALFA												
640 ABU HAMAD	290	2	30	02	0	0	—		20	16	-7	0
660 KAREIMA	340	7	30	02	0	0	—	14.5	17	22	-5	0
680 'ATBARA	360	5	30	02	0	0	—	12.1	20	26	0	0
721 KHARTÛM	320	11	50	01	1	4	CS	12.3	22	25	1	0
730 KASSALA	350	4	30	02	0	0	—	9.6	23	41	9	0
751 WÂD MEDANI												
801 RENK												
802 ROSEIRES												
771 EL OBEID	350	5	30	01	2	3	Ci	12.6	20	24	-1	0
760 EL FÂSHER	50	3	50	01	1	4	Ci		20	21	-3	0
770 GENEINA	20	5	30	02	1	0	—		21	21	-2	0
840 MALAKÂL	20	3	30	01	1	2	ac, Ci	8.2	27	27	6	0
880 WÂU	00	0	30	02	0	0	—	7.7	27	28	7	0
941 JUBA	00	0	30	03	2	7	ac, Ci	5.9	29	31	10	0

At 0600 on Thursday 15th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	200	5	15	03	1	6	CS	22.9		13	20		9		55	4	0	84	
SÎDI BARÂNI	180	2	14	00	0	1	Ci	22.9		13	19		6		55	4	0	97	
MATRÛH	230	3	14	03	0	6	CS	23.1	+6.4	9	18		5		67	3	0	Rain	
EL DABA	320	3	15	00	0	0	—	21.2		14	19		7		48	3	0	33	
ALEXANDRIA	360	10	50	02	2	3	Cu	22.8	+5.3	15	19	0	12	+1	59	7	0	45	158
FOUAD (Airport)	20	6	12	01	1	3	Cu	22.5		15	18		12		63	8	dr.	50	123
DAMIETTA	20	2	7	03	1	1	Cu	22.9	+6.3	15	18		11		77	11	0	Rain	81
PORT SA'ÎD	20	12	18	02	0	2	Sc	22.1	+5.6	16	19		15		68	10	0	13	
EL 'ARISH	90	8		03	0	1	Cu	20.8	+3.4	11	20	0	9		88	9	0	Rain	62
DAMANHUR	40	5	7	02	1	3	Cu	23.4	+6.8	11	19	-2	8	0	88	9	0	25	73
MANSURA	40	5	35	00	0	0	—	23.0	+6.3	13	21	0	7	-1	67	7	0	22	35
TANTA	270	2	35	02	0	0	—	23.6	+6.5	9	21	0	4	-3	82	6	0		28
ZAGAZIG	00	0	35	02	0	0	—	22.7	+5.3	9	22	+2	6	-1	88	7	0	Rain	18
ISMA'ÎLÎA	340	2	35	03	1	5	Ac	22.3		13	20		10		77	9	0	12	
FAROUK (Airport)	320	3	6	05	1	6	Cu	22.7		10	21		7		88	8	0	1	
ALMÂZA	330	2	10	03	2	5	Cu	22.7	+5.2	10	20		7		88	8	0	2	
EZBEKÎYA	360	2	12	02	1	3	Cu	22.8	+5.3	10	21	0	8	0	88	8	0	2	16
GÎZA	360	2	12	02	1	3	Cu	22.3	+4.9	8	21	0	5	-1	88	6	0	3	17
HELWÂN	340	4	7	03	0	1	Cu	22.4	+4.4	11	20	0	9	0	88	9	0		18
FAIYÛM	360	8	35	01	0	0	—	22.6	+5.1	10	21	-1	7	0	88	8	0	dr.	5
MINYA	340	10	8	00	0	0	—	20.7	+2.7	9	22		5		82	6	0	0	
ASYÛT MANQABÂO											21								
NAG' HAMMÂDI	340	2	7	00	0	0	—	20.2	+2.7	11	24		7		63	4	0	0.1	
QENA	320	2	15	00	0	0	—	19.6	+2.0	9	25	0	8	0	71	4	0	0	
LUXOR	340	5	30	00	0	0	—	19.3	+1.9	10			6	-1	54	1	0	0	
ASWÂN	350	3	50	00	0	0	—	19.0	+1.8	15			10	-1	48	4	0	0	
SÎWA																			6
BAHARÎYA	360	2	35	02	1	2	Ac	22.8	+4.6	11			7	+1	88	9	0	0	6
FARAFRA	20	1	35	03	0	0	—	23.6		10	20		5		76	6	0	dr.	
DAKHLA	340	8	50	00	0	0	—	22.8	+4.0	11	20	-4	8	+2	63	4	0	0	
KHARGA	360	5	15	00	0	0	—	21.0	+3.0	15					48	4	0	0	
SUEZ	360	5	35	00	0	0	—	21.2	+4.3	12	21	0	12	+2	95	12	0	0.3	11
TÛR	290	4	7	00	0	0	—	18.3	+1.6	11	21	0	9	-1	51	1	0	4	10
HURGHADA	250	9	30	00	0	0	—	18.2	+2.0	15	20		12		68	9	0	0	
QUSEIR	360	19	15	00	0	2	Ci	17.4	+1.9	18	22	-1	15	0	52	8	0	dr.	4
PORT SUDÂN	310	12	50	01	2	7	Sc, ac	15.3		22	26		18		53	12	0		92
WÂDI HALFA	290	2	50	02	0	0	—	20.1		10	22		7		47	-1	0	dr.	
ABU HAMAD	360	7	30	02	0	0	—			16	26				24	-5	0		
KAREIMA	360	11	30	02	0	0	—	17.8		12	25		8		31	-5	0	dr.	1
'ATBARA	340	9	30	03	0	2	Ci	15.5		16	27		12		28	-3	0	0.3	2
KHARTÛM	350	11	50	03	0	5	ac	16.6		15	28		12		52	5	0	dr.	4
KASSALA	350	2	30	03	0	1	ac	13.3		17	33		12		72	12	0	3	8
WÂD MEDANI	360	9	35	02	1	3	Ci	13.9		14	31		8		29	-4	0	46	12
RENK																			49
ROSEIRES	360	13	35	02	0	0	—	15.0		18	35		13		49	7	0	0	36
EL OBEID	360	18	30	02	1	7	Cs	17.2		14	28		11		32	-3	0	7	16
EL FÂSHER	60	7	30	03	0	1	Ci			13	27		6		34	-3	0	6	6
GENEINA	20	9	30	02	0	0	—			13	30		13		36	-2	0		4
MALAKÂL	20	18	30	03	1	4	Ci	12.0		21	35		17		14	-8	0	70	88
WÂU	20	2	30	03	0	2	Ci	12.5		19	34		16		32	2	0	144	147
JUBA	360	2	30	03	2	8	ac, Ci	11.8		24	36		18		36	8	0	193	152

HUMIDITY %

Mean of day

Station	on 14th	Diff. from normal
Alexandria	53	-12
Ezbeklya	67	+5
Giza	61	-6
Helwân	58	+7

GÎZA
GRASS MINIMUM TEMP. ON 15th 1.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 14th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	—	18	40	30	13
950					
900					
850	1531	4	81	50	16
800					
700	3081	-4		70	10
600					
500	5660	-22		360	9
400	7267	-35		320	20
300	9202	-52		310	16

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Height m.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk Dir.	Farouk Vel.			Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	14 45		14		14		14		14		14		14		14				20		20		20		20	
300	20	6	20	5	170	24	310	7	350	10	20	11	34	13	10	22			20	26	40	18	10	18	40	20
600	350	8	20	3	180	23	310	7	350	13	20	10	10	17	20	16			20	28	50	16	10	18	40	19
1000	350	5	140	2	350	23	310	7	360	16	50	9	20	16	10	13			30	21	60	14	30	16	50	18
1500	10	6	330	5	50	16	10	13	20	17	60	10	20	17	20	10			10	13	80	13	50	19	40	10
2000			340	14			50	16			50	7	10	16					360	14	80	9	20	18	50	14
3000			340	10			30	16			90	7	40	7							40	9			10	14
4000							30	14			100	4														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time			8		2		8				7	15	2										8	
300			190	6	10	12	20	16			30	13	360	27									40	11
600			190	5	10	11	20	15			40	14	360	31									40	15
1000			140	11	20	10	20	9			40	9	20	19									40	13
1500							130	3			70	12	10	14									70	11
2000							360	1			20	13	10	10									30	13
3000											10	13											10	15
4000											320	11												
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahârîya Dir.	Bahârîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									5				5				4		4	45	5		4	
300																								
600									30	22			360	18			360	6					20	29
1000									30	21			360	26			20	7	10	30	10	12	30	38
1500									20	13			50	31			90	3	70	3	20	9	20	11
2000									340	5			60	36			170	9	270	14			310	11
3000									310	20									240	15			280	9
4000																							170	21
5000																								
6000																								
7000																								
8000																								

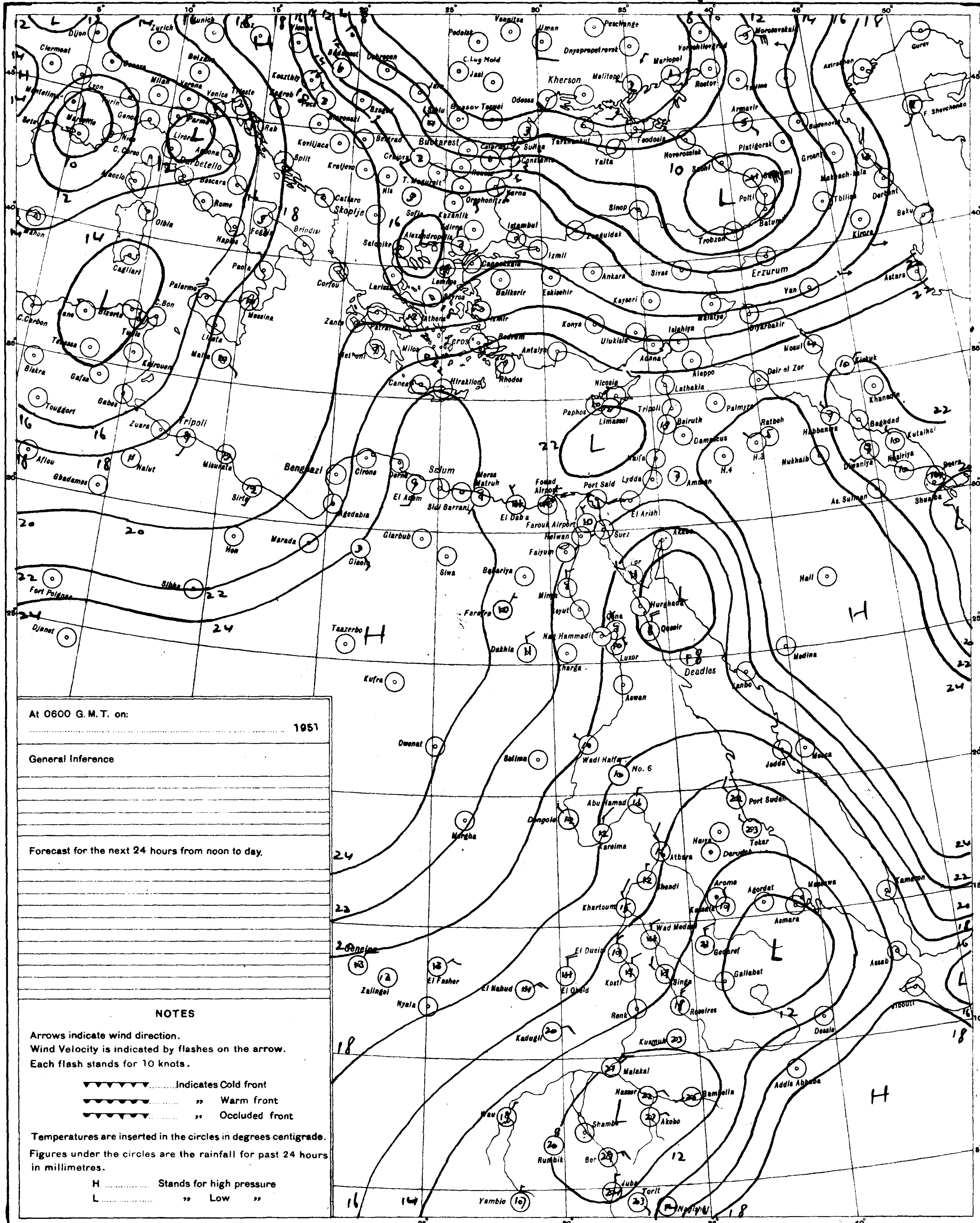
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 15/2/1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	◯
Clouds dissolving		01	◯
State of sky generally unchanged		02	◯
Clouds developing		03	◯
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	◯
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 35 G. M. T.
" " Sunset 15 44 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 16th February 1951

At 1200 on Thursday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	250	2	35	02	1	6	—	19.9	22	29	3
	303	SÎDI BARÂNI	240	8	14	03	0	2	ci	20.7	18	52	8
	306	MATRÛH	40	6	15	02	2	7	ac,cs	21.4	18	46	6
	309	EL DAB'A	340	7	35	00	0	0	—	21.2	18	46	6
		ALEXANDRIA	360	11	50	03	2	4	cu	22.0	17	52	7
	318	FOUAD (Airport)	340	10	18	01	1	4	cu, ci	21.9	18	49	7
	330	DAMIETTA	20	5	35	02	1	1	cu	19.9	17	60	9
	333	PORT SA'ÎD	20	8	30	02	0	1	sc	20.5	18	52	8
	336	EL 'ARISH	320	5	35	02	0	0	—	20.4	18	46	6
Lower Egypt	339	DAMANHUR	360	5	15	02	1	3	cu	21.0	19	52	9
	342	MANSURA	360	9	35	03	2	5	sc, cu	21.2	19	46	7
	348	TANTA	00	0	35	01	1	4	cu,sc	21.2			6
	354	ZAGAZIG	320	2	50	03	1	3	cu	20.0	20	43	7
	440	ISMAILÎA	20	9	15	03	1	6	cu	20.0	19	46	7
Cairo Area	366	FAROUK (Airport)	40	7	18	02	2	5	sc	20.3	19	46	7
	372	ALMÂZA	50	8	15	02	2	5	sc	19.9	19	40	5
		EZBEKÎYA	20	6	15	00	0	0	—	20.2	20	43	7
		GÎZA	20	6	15	00	0	0	—	19.2	20	41	6
	378	HELWÂN	360	10	35	03	2	5	cu	19.6	20	33	3
Upper Egypt	381	FAIYÛM	360	8	35	03	1	3	ac, ci	19.7	20	41	6
	387	MINYA	360	7	8	02	1	1	cu	19.9	21	33	4
	393	ASYÛT MANQABÂD	290	8	18	00	0	0	—	18.5	20	30	2
	399	NAG' HAMMÂDI	320	2	15	00	0	0	—	17.0	24	32	6
	402	QENA	290	2	50	00	0	0	—	16.8	22	36	6
	405	LUXOR	320	6	30	00	0	0	—	16.2	23	18	-3
	414	ASWÂN	260	4	50	00	0	0	—	15.2	23	19	-2
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	1	2	ac	21.1	20	41	6
	423	FARAFRA	20	10	35	02	0	0	—	22.1	20	46	8
	432	DAKHLA	340	16	50	00	0	0	—	19.6	20	24	-1
	435	KHARGA	360	4	15	00	0	0	—		21	26	1
Red Sea	450	SUEZ	360	7	50	03	1	5	cu	16.8	20	41	6
	459	TÔR	310	8	50	00	0	0	—	16.2	20	56	11
	462	HURGHADA	340	12	30	02	0	1	cu	15.7	20	60	12
	465	QUSEIR											
	641	PORT SÛDÂN	40	16	30	01	2	1	cu	12.8	26	51	15
North Sûdân	600	WÂDI HALFA	20	13	50	02	0	0	—	16.4	23	20	-1
	640	ABU HAMAD	250	4	30	02	0	0	—		26	15	-3
	660	KAREIMA	50	9	30	02	0	0	—	14.5	24	17	-3
	680	'ATBARA	310	9	30	02	0	0	—	11.4	27	14	-3
	721	KHARTÛM	320	11	50	02	2	1	—	12.1	26	23	3
	730	KASSALA	320	5	30	03	0	5	cs	8.3	31	31	12
Central Sûdân	751	WÂD MEDANI	310	9	35	02	2	7	ci	9.9	29	12	-3
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	50	7	50	03	0	2	ci		25	15	-4
	770	GENEINA	360	10	30	02	2	1	ci		26	11	-7
S. Sûdân	840	MALAKÂL	20	12	30	02	2	7	cs	7.8	32	9	-5
	880	WÂU											
	941	JUBA	360	5	30	01	2	5	cu, cs	5.0	36	8	-3

At 1800 on Thursday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	220	2	15	03	2	6	ac	19.5	13	55	4	0
SÎDI BARÂNI	40	2	14	02	0	0	—	20.6	12	77	8	0
MATRÛH	140	2	14	02	2	7	ac, cs	21.4	11	63	4	0
EL DAB'A	00	0	7	02	2	4	cu	22.2	14	55	5	0
ALEXANDRIA	360	5	35	00	0	0	—	22.3	15			0
FOUAD (Airport)	40	2	12	01	1	0	—	21.9	12	83	9	0
DAMIETTA	20	2	7	02	0	0	—	21.4	14	77	12	0
PORT SA'ÎD	20	5	18	02	0	1	sc	20.3	16	59	8	0
EL 'ARISH	90	9	15	03	1	3	cu	19.9	16	59	8	0
DAMANHUR	360	9	7	02	0	0	—	22.3	13	77	9	0
MANSURA	40	5		00	1	0	—	22.3	14	67	8	0
TANTA	00	0	35	02	1	0	—	21.8	13	77	9	0
ZAGAZIG	220	2	35	02	1	0	—	22.2	12	77	8	0
ISMAILÎA	20	2	35	01	0	0	—	21.9	14	67	8	0
FAROUK (Airport)	70	13	13	01	0	0	—	21.1	15	72	10	0
ALMÂZA	40	13	12	00	1	0	—	20.8	15	52	7	0
EZBEKÎYA	00	0	15	00	0	0	—	21.1	15	59	7	0
GÎZA	00	0	15	00	0	0	—	20.8	15	59	7	0
HELWÂN	20	11	15	01	1	0	—	20.7	15	55	6	0
FAIYÛM	360	2	35	01	0	0	—	20.6	14	55	5	0
MINYA	10	6	8	00	0	0	—	19.9	12	63	5	0
ASYÛT MANQABÂD	310	3	10	00	0	0	—	19.7	13	63	6	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	17.5	15	68	9	0
QENA	240	2	7	00	0	0	—	17.9	15	48	4	0
LUXOR	00	0	12	00	0	0	—	18.0	15	48	4	0
ASWÂN	00	0	50	00	0	0	—	17.3	20	24	-1	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	21.9	13	67	7	0
FARAFRA	320	3	15	02	0	0	—	22.2	13	55	4	0
DAKHLA	340	11	50	00	0	0	—	22.3	16	24	-5	0
KHARGA	00	0	15	00	0	0	—	20.7	15	39	1	0
SUEZ	310	4	15	01	0	0	—	20.4	14	67	8	0
TÔR	00	0	15	00	0	0	—	17.2	16	59	8	0
HURGHADA	300	11	10	00	0	0	—	17.3	20	60	12	0
QUSEIR	330	9	15	01	0	0	—	17.8	19	52	9	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA	340	10	30	02	0	0	—	15.8	18	24	-3	0
'ATBARA	310	5	30	02	0	0	—	12.9	22	15	-6	0
KHARTÛM	330	3	30	02	0	0	—	14.2	21	26	1	0
KASSALA	320	4	30	02	0	0	—	11.5	23	41	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	4	30	01	1	1	ci	14.6	17	22	-5	0
EL FÂSHER	20	7	50	02	0	2	ci		19	19	-5	0
GENEINA	20	9	30	02	0	1	ci		21	17	-5	0
MALAKÂL												
WÂU												
JUBA	50	2	10	04	2	4	cs	6.9	27	30	8	0

At 0600 on Friday 16th February

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
SALÛM	220	24	15	07	3	3	ac	16.4		16	23		15		32	-1	0	84		SALUM
SÎDI BARÂNI	180	4	14	00	0	1	ci	18.4		13	20		11		55	4	0	97		SÎDI BARÂNI
MATRÛH	220	7	14	01	2	6	ac	20.0	+3.3	13	20		10		55	4	0	Rain		MATRÛH
EL DAB'A	180	5	15	01	1	3	cu	21.0		12	18		7		63	5	0	33		EL DAB'A
ALEXANDRIA	130	11	50	02	1	4	sc,cu	21.8	+3.3	13	19	0	11	0	63	7	0	45	159	ALEXANDRIA
FOUAD (Airport)	220	5	18	02	1	4	ac, ci	21.6		12	19		8		83	9	0	50	124	FOUAD (Airport)
DAMIETTA	180	2		03	1	6	ac	21.6	+5.0	11	18		8		88	9	0	Rain	82	DAMIETTA
PORT SA'ÎD	270	3	15	03	1	7	cu, ac	21.4	+5.0	15	19		12		83	12	0	13		PORT SA'ÎD
EL 'ARISH	00	0	14	02	2	7	cu, cc	21.0	+3.6	14	19	-1	10	+2	83	11	0	Rain	63	EL 'ARISH
DAMANHUR	40	5	1.5	28	4	2	ci	21.9	+5.3	11	20	-1	7	-1	88	9	0	25	73	DAMANHÛR
MANSURA	320	5	35	03	2	6	ac	22.2	+5.5	11	22	+1	7	-1	77	7	0	22	36	MANSÛRA
TANTA	00	0	35	01	1	3	cu, sc	22.3	+5.2	7	21	0	4	-3	88	5	0	19	28	TANTA
ZAGAZIG	00	0	3	43	4	0	—	21.1	+3.8	8	22	+1	6	-1	88	6	0	Rain	18	ZAGAZIG
ISMAILÎA	200	2	35	03	1	6	ac	22.2		11	21		8		77	7	0	12		ISMAÎLÎA
FAROUK (Airport)	110	7	12	02	1	5	ci	21.9		11	21		7		83	8	0	1		FAROUK (Airport)
ALMÂZA	150	9	12	02	2	6	ci	21.8		11	20		7		83	8	0	2		ALMÂZA
EZBEKÎYA	00	0	7	00	0	2	ci	22.2	+4.7	10	21	0	8	0	88	8	0	2	17	EZBEKÎYA
GÎZA	00	0	7	00	0	2	ci	21.1	+3.7	10	21	0	5	-1	82	7	0	3	17	GÎZA
HELWÂN	00	0	7	10	2	7	cs	21.2	+3.2	11	20	0	9	0	88	9	0	4	18	HELWÂN
FAIYÛM	330	2	50	00	0	0	—	23.0	+5.6	12	21	-1	4	-3	77	8	0	dr.	6	FAIYÛM
MINYA	360	2	8	00	0	0	—	22.9	+5.0	10	22		5		77	6	0	0		MINYA
ASYÛT MANQABÂD	270	4	10	00	0	0	—	22.6	+3.9	10	21		7		67	4	0	dr.		ASYÛT MANQABÂD
NAG' HAMMÂDI	320	3	7	00	0	0	—	21.5	+4.0	12	24		6		59	5	0	0.1		NAG' HAMMÂDI
QENA	320	2	15	00	0	0	—	21.0	+4.1	12	23	-2	8	0	63	5	0	0		QENA
LUXOR	00	0	30	00	0	0	—	20.2	+2.9	12	25		5		51	2	0	0		LUXOR
ASWÂN	00	0	50	00	0	0	—	20.3	+2.5	14	25	0	11	0	48	3	0	0		ASWÂN
SÎWA																			6	SÎWA
BAHARÎYA	00	0	35	02	1	3	ac	22.8	+4.7	11	20	-2	4	-2	63	4	0	0	6	BAHARÎYA
FARAFRA	200	3	35	02	0	0	—			7	20		2		71	2	0	dr.		FARAFRA
DAKHLA	00	0	50	00	0	0	—	23.1	+4.4	7	20	-4	5	-2	57	-1	0	0		DAKHLA
KHARGA	00	0	15	00	0	0	—	21.2	+3.3	12	21	-3	5	-2	55	3	0	0		KHARGA
SUEZ	00	0	15	00	0	0	—	20.4	+3.5	13	21	0	9	-1	88	11	0	0.3	11	SUEZ
TÔR	00	0	50	00	0	0	—	19.6	+0.9	17	21	0	9	+2	34	1	0	4	11	TÔR
HURGHADA	270	8	30	02	2	7	cu, ci	18.9	+2.7	14	20		10		67	8	0	0		HURGHADA
QUSEIR	310	9	15	02	0	0	—	18.7	+2.9	16	23	0	15	0	49	5	0	dr.	4	QUSEIR
PORT SÛDÂN																			92	PORT SÛDÂN
WÂDI HALFA																				WÂDI HALFA
ABU HAMAD																				ABU HAMAD
KAREIMA											26								1	KAREIMA
'ATBARA											28								2	'ATBARA
KHARTÛM	360	10	30	03	0	1	ci	17.4		14	27		11		36	-1	0	dr.	4	KHARTÛM
KASSALA	30	2	30	02	0	0	—				33		10			11	0	3	8	KASSALA
WÂD MEDANI	50	9	35	02	1	3	cc	16.4		10	30		7		28	-8	0	46	12	WÂD MEDANI
RENK																			49	RENK
ROSEIRES	360	9	35	02	1	7	ci	16.2		17			13		56	8	0	0	36	ROSEIRES
EL OBEID	360	10	30	02	0	2	ci	17.7		13	27		9		22	-8	0	7	16	EL OBEID
EL FÂSHER	40	2	15	01	0	1	ci				27		3			-4	0	6	6	EL FÂSHER
GENEINA	50	9	30	01	0	1	ci			12	28		9		31	-5	0		4	GENEINA
MALAKÂL	20	15	30	01	2	8	cs	13.4		20	33		16		15	-8	0	70	88	MALAKÂL
WÂU	360	5	30	01	2	5	cs	13.4		18	34		15		37	3	0	144	147	WÂU
JUBA											37								153	JUBA

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	60	-5
Ezbekiya	66	+4
Gîza	67	0
Helwân	63	+12

GÎZA
GRASS MINIMUM TEMP. ON 16th 1.5 C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 15th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	172	18	40	40	13
950					
900					
850	1530	4	75	10	6
800					
700	3094	-2		340	12
600					
500	5677	-21		310	21
400	7284	-33		320	41
300	9241	-48		330	69

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Station	El Arish		Farouk A.P.		Luxor		Kharga		Dakhla		Minya		Asyut		Fouad A.P.		Port Said		Hurghada		Matruh		Port Said		Minya	
Time	14	30	14		14	30	14		14		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	14	30	13	340	10	340	7	10	10	350	10	300	16	350	8	10	10	20	10	40	3	360	6	10	23
600	90	20	60	11	330	13	350	6	360	12	340	19	320	12	10	8	20	11	10	18	170	5	10	6	10	31
1000	270	16	20	7	330	16	350	8	360	16	350	11	340	10	40	5	20	10	110	10	210	6	10	6	30	19
1500	320	2	20	8	340	30	360	12	360	14	50	12	20	15	20	7	320	8	300	21			20	3	40	7
2000	30	2	10	11	320	3	360	10					10	8	350	11	330	4	330	15					330	17
3000	90	3											330	8												
4000													330	15												
5000													320	19												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time	8		8		2		2		8				2		8		4	30			8		2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	27	200	20	20	13	290	3	190	7			40	12	350	4	360	2			330	19	90	12
600	230	24	220	24	10	14	30	3	190	1			20	11	360	11	360	4			320	19	30	10
1000	230	17	230	23	30	15	10	4	160	1			10	8	360	12	350	8			330	17	10	11
1500			280	16	320	17	30	8	240	7			320	7			280	7			290	10		
2000									330	14											330	13		
3000									320	17					320	23								
4000															300	23								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8		8		5		4										5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			220	12	350	4	10	9	10	9														
600			210	12	360	9	350	18	30	19													20	27
1000			220	12	310	14	330	20	10	24											360	13	20	36
1500			210	8					50	5	70	3									10	8	40	5
2000			220	11																				
3000									360	16	330	15									10	5	170	2
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

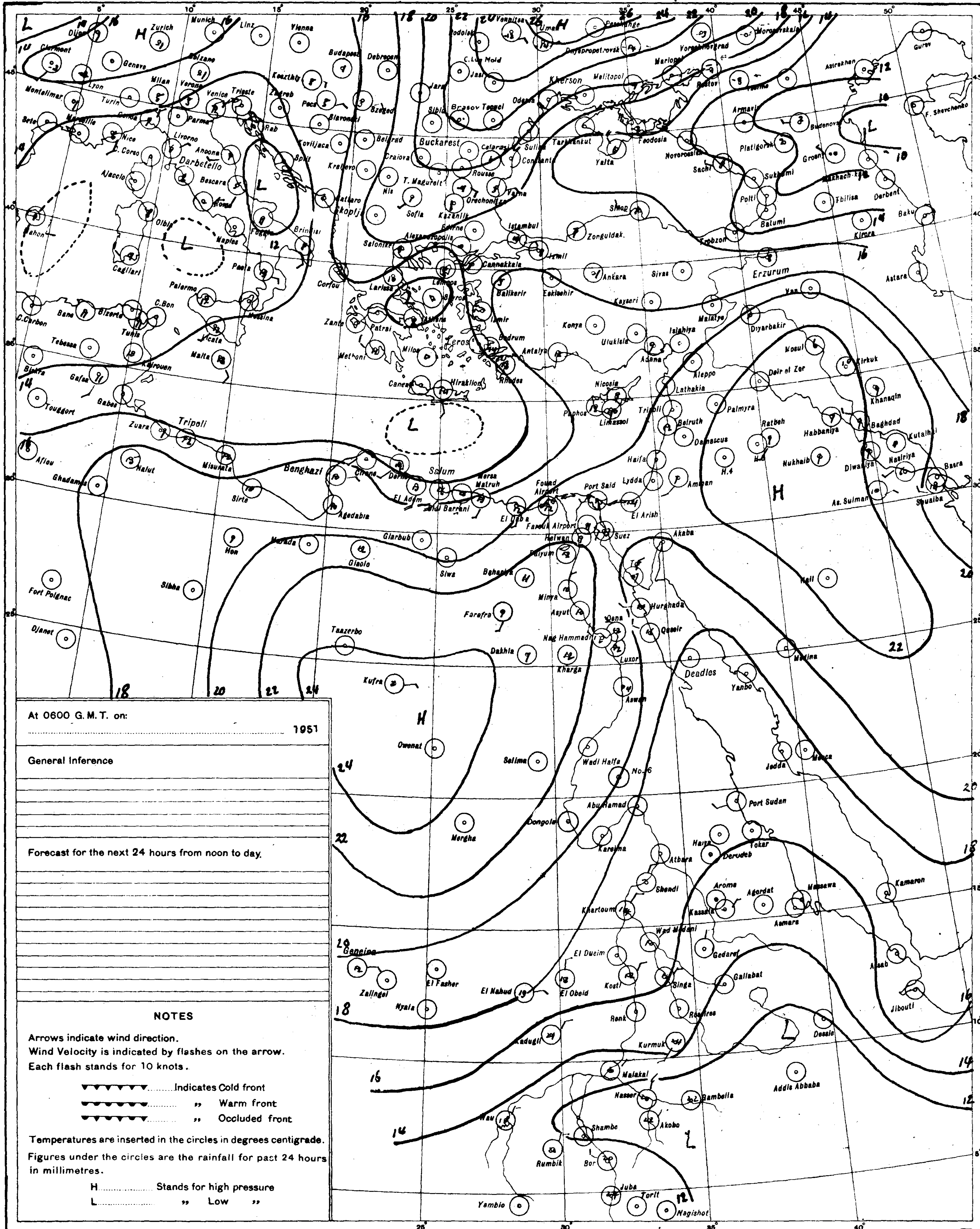
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 16-2 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 34 G.M.T.

" " Sunset 15 45 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 17th February, 1951

At 1200 on Friday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI	240	17	6	07	0	1	Ci	14.9	24	28	4
	306	MATRÛH	250	21	12	03	2	6	cs	16.4	22	21	-2
	309	EL DABA	220	8	35	03	2	6	Sc	18.2	23	24	1
		ALEXANDRIA	130	10	50	03	2	6	Cu, cs	19.1	19	46	7
	318	FOUAD (Airport)	220	6	18	03	1	7	cs	18.8	20	41	6
	330	DAMIETTA	160	2	35	01	0	1	ac	19.3	18	52	8
	333	PORT SA'ÎD	220	3	30	01	0	1	Ci	19.4	20	41	6
	336	EL 'ARISH	360	4	15	01	2	1	Cu	19.0	17	68	11
Lower Egypt	339	DAMANHUR	230	5	15	02	1	2	Ci	20.2	20	46	8
	342	MANSURA	140	5	35	03	2	6	ac	19.2	21	41	7
	348	TANTA	40	5	35	01	1	4	Cu, Sc	19.9	21	41	7
	354	ZAGAZIG	40	1	50	03	4	3	Cu	19.0	21	50	10
	440	ISMA'ÎLÎA	200	2	35	03	1	5	Ci	19.8	20	46	8
Cairo Area	366	FAROUK (Airport)	90	4	30	01	1	4	Ci	19.7	20	30	2
	372	ALMÂZA	50	5	15	03	2	6	Ci	19.2	19	40	5
		EZBEKÎYA	340	13	15	02	1	4	Ci	19.5	20	38	6
		GÎZA	340	13	15	02	1	4	Ci	18.7	21	33	4
	378	HELWÂN	00	0	15	03	0	3	Ci	18.6	20	33	3
Upper Egypt	381	FAIYÛM	360	6	35	03	1	3	Ci	20.2	20	41	6
	387	MINYA	360	8	12	00	0	0	—	19.8	21	26	1
	393	ASYÛT MANQABÂD	320	3	15	00	0	0	—	18.9	21	33	4
	399	NAG' HAMMÂDI	320	2	15	00	0	0	—	18.6	23	38	8
	402	QENA	240	2	50	00	0	0	—	18.3	23	32	5
	405	LUXOR	270	6	30	00	0	0	—	17.7	24	22	1
	414	ASWÂN	20	3	50	00	0	0	—	18.3	23	22	0
Oases	417	SÎWA											
	420	BAHARÎYA	00	0	35	02	1	3	ac	19.5	23	38	8
	423	FARAFRA	00	0	35	02	2	7	cs	21.0	23	44	10
	432	DAKHLA	340	8	50	00	0	0	—	20.1	21	26	1
	435	KHARGA	360	5	15	00	0	0	—	19.5	22	29	3
Red Sea	450	SUEZ	20	3	50	03	0	2	Ci	18.2	20	33	3
	459	TÛR	310	4	50	00	0	0	—	17.2	20	46	8
	462	HURGHADA	330	14	30	02	1	2	Ci	16.7	20	60	12
	465	QUSEIR	360	13	15	02	0	0	—	18.6	21	57	12
	641	PORT SÛDÂN	40	16	30	01	1	2	Cu				16
North Sudan	600	WÂDI HALFA	20		50	02	0	0	—	18.2	23		-5
	640	ABU HAMAD	360	10	30	02	0	0	—		27	28	7
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	10	12	30	02	0	0	—	12.0			
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	360	9	35	02	1	0	—	9.9	30	13	-1
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	10	7	50	02	0	1	Ci		25	14	-5
	770	GENEINA	50	11	30	02	0	0	—		27	10	-7
S. Sudan	840	MALAKÂL	10	12	30	02	2	8	cs	8.7	31	5	-14
	880	WÂU	360	9	30	02	2	7	Cc	8.0	31	11	-3
	941	JUBA											

At 1800 on Friday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	00	0	15	03	2	6	ac	15.6	17	60	9	0
SÎDI BARÂNI	280	4	12	03	0	3	ac	16.2	15	88	13	0
MATRÛH	310	5	12	02	2	6	cs	16.3	16	68	10	0
EL DABA	200	9	7	02	2	4	Cu	16.4	16	76		0
ALEXANDRIA	180	10	35	02	2	6	Sc, Cu	18.3	18	52	8	0
FOUAD (Airport)	220	6	12	01	1	3	ac	18.0	15	72	10	0
DAMIETTA	320	5	7	03	2	7	ac	19.2	15	77	11	0
PORT SA'ÎD	110	4	18	02	1	7	ac	19.1	15	72	10	0
EL 'ARISH	320	2	15	01	0	0	—	19.1	15	68	9	0
DAMANHUR	230	5		02	1	4	ac	19.6	16	68	10	0
MANSURA	90	5		03	2	8	ac	19.4			8	0
TANTA	00	0	35	03	2	8	ac	20.0	17	52	7	0
ZAGAZIG	00	0	35	03	1	6	Ci	19.8	16	68	10	0
ISMA'ÎLÎA	110	2	35	03	2	8	ac	19.8	14	77	10	0
FAROUK (Airport)	00	0	12	03	2	7	ac	19.6	16	49	5	0
ALMÂZA	140	4	12	03	1	7	ac	19.0	17	52	7	0
EZBEKÎYA	00	0	7	01	1	5	ac	19.6	15	63	8	0
GÎZA	00	0	7	01	1	5	ac	19.6	15	68	9	0
HELWÂN	00	0	7	02	2	8	Ci	19.5	17	102	4	0
FAIYÛM	00	0	35	01	1	2	Ci	20.0	15	59	7	0
MINYA	00	0	8	02	1	2	Ci	20.4	14	67	8	0
ASYÛT MANQABÂD	250	6	10	03	1	4	Ci	20.5	16	42	3	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	19.4	16	82	13	0
QENA	290	2	7	00	0	0	—	19.1	17	52	7	0
LUXOR	310	6	12	00	0	0	—	18.6	17	37	2	0
ASWÂN	00	0	50	00	0	0	—	19.0	19	23	-3	0
SÎWA												
BAHARÎYA	270	2	35	02	1	0	—	20.3	15	48	4	0
FARAFRA	180	2	15	02	2	6	Ci	20.9	15	48	4	0
DAKHLA	320	6	50	00	0	0	—	20.8	17	34	1	0
KHARGA	00	0	15	00	0	0	—	21.1	17	34	1	0
SUEZ	00	0	35	03	0	4	as	19.1	16	49	5	0
TÛR	360	1		00	0	0	—		16	49	5	0
HURGHADA	240	6	12	00	1	1	Ci	17.6	17	64	10	0
QUSEIR	20	9	15	02	0	0	—	18.7	19	52	9	0
PORT SÛDÂN	340	7	30	03	1	1	Cu	17.8	22	65	15	0
WÂDI HALFA	350	7	50	03	1	5	cs	19.1	17	32	0	0
ABU HAMAD	350	6	30	02	0	0	—		21	31	3	0
KAREIMA	340	6	30	02	0	0	—	16.4	21	17	-5	0
'ATBARA	340	9	30	02	0	0	—	13.9	23	32	5	0
KHARTÛM	330	7	30	02	0	0	—	13.5	23	32	5	0
KASSALA	10	8	30	01	0	0	—	14.7	19	16	-8	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	360	4	30	01	2	6	Ci	10.3	24	22	1	0
WÂU	360	1	30	01	1	2	Ci	8.8	27	19	3	0
JUBA	00	0	30	03	2	8	ac	7.8	29	25	7	0

At 0600 on Saturday 17th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	00	0	15	03	1	8	ac	15.5		16			12		68	10	0	84	
SÎDI BARÂNI	170	2	14	00	0	6	ac	16.1		12	24		9		88	10	0	97	
MATRÛH	220	6	12	02	2	7	ac	16.6	-0.1	13	23		11		82	10	0	Rain	
EL DABA	00	0	15	03	2	8	ac	16.4		10	23		9		76	6	0	33	
ALEXANDRIA	220	9	50	02	2	6	ac	17.1	+0.3	15	20	+1	13	+2	68	9	0	45	160
FOUAD (Airport)	250	8	12	03	1	6	ac	17.0		13	21		10		63	6	0	50	125
DAMIETTA	200	5	7	01	1	4	ac	18.0	+1.4	12	19		9		63	5	0	Rain	82
PORT SA'ÎD	210	16	15	02	0	2	ac, Ci	17.6	+1.2	15	20		13		59	7	0	13	
EL 'ARISH	160	9	18	03	1	3	Cu	18.4	+1.1	17	20	0	11	+3	39	3	0	Rain	63
DAMANHUR	230	13	7	02	1	5	ac	18.3	+1.8	12	22	+1	8	0	63	5	0	25	74
MANSURA	220	5	35	00	0	0	—	18.4	+1.7	12	22	+1	8	0	63	5	0	22	36
TANTA	220	2	35	01	1	3	Cu, Sc	19.2	+2.0	11	21	0	10	+3	63	4	0	19	29
ZAGAZIG											24	+3							19
ISMA'ÎLÎA	180	2	35	01	0	0	—	18.7		15	21		10		59	7	0	12	
FAROUK (Airport)	00	0	30	02	0	2	Ci	19.5		11	22		7		54	2	0	1	
ALMÂZA	200	19	12	02	3	5	Ci	18.5	+1.1	14	21		12		48	3	0	2	
EZBEKÎYA	180	3	7	01	1	4	Ci	19.4	+2.0	13	21	0	10	+2	59	5	0	2	17
GÎZA	180	3	7	01	1	4	Ci	20.0	+2.6	14	22	+1	10	+4	52	4	0	3	17
HELWÂN	110	4	15	00	0	0	—	19.9	+2.0	14	21	+1	12	+3	48	3	0	4	18
FAIYÛM	00	0	35	03	2	8	Ci	20.2	+2.9	12	22	0	8	+1	63	5	0	dr.	6
MINYA	160	5	8	02	2	6	Ci	20.6	+2.7	12	22		7		59	4	0	0	
ASYÛT MANQABÂD	00	0	8	01	1	4	Ci	21.1	+2.4	11	21		9		54	2	0	dr.	
NAG' HAMMÂDI	320	1	7	00	0	0	—	21.2	+3.8	13	24		6		67	7	0	0.1	
QENA											25	0							
LUXOR	00	0	30	02	0	2	Ci	20.8	+3.5	11	26		7		58	3	0	0	
ASWÂN	00	0	50	00	0	0	—	21.0	+3.3	17	24	-2	11	0	46	5	0	0	
SÎWA																			6
BAHARÎYA	00	0	35	02	1	5	ac	20.0	+1.9	15	25	+3	11	+5	59	7	0		6
FARAFRA	70	2	35	02	2	6	Ci	20.9		8	25		5		58	0	0	dr.	
DAKHLA	160	6	50	03	0	0	—	19.8	+1.2	12	22	-2	5	-2	28	-6	0	0	
KHARGA	00	0	35	00	0	0	—	21.1	+3.3	12	28	+3	7	0	55	3	0	0	
SUEZ	180	5	35	00	0	0	—	19.0	+2.2	16	23	+2	9	-1	59	8	0	0.3	11
TÛR	360	4	50	00	0	0	—	19.9	+3.4	14	21	-1	9	-1	48	3	0	4	11
HURGHADA	230	9	30	02	2	5	Cs	19.0	+2.9	15	20		9		39	1	0	0	
QUSEIR	330	9	15	00	0	2	Ci	19.4	+3.7	16	23	0	14	-1	59	8	0	dr.	4
PORT SÛDÂN	350	9	30	03	0	5	Sc, Cu	19.1		25	27		17		54	15	0	156	92
WÂDI HALFA	00	0	60	03	0	1	Ci	20.4		13	24		9		38	-1	0	dr.	
ABU HAMAD	10	5	30	02	0	0	—			17	28		13		42	4	0		
KAREIMA	50	8	30	02	0	0	—	19.2		16	27		13		28	-3	0	dr.	1
'ATBARA	340	9	30	02	0	0	—	17.5		17	29		14		46	5	0	0.3	2
KHARTÛM	310	12	30	02	0	0	—	16.1		18	30		13		37	3	0	dr.	4
KASSALA	340	3	30	02	0	0	—	13.4		23	29		15		53	13	0	3	8
WÂD MEDANI	50	13	35	02	0	0	—	15.0		19	32		10		32	2	0	46	12
RENK	360	4	35	02	0	0	—	13.9		20	31		13		35	4	0		49
ROSEIRES	360	9	35	02	0	0	—	14.0		21	33		14		28	2	0	0	36
EL OBEID	350	10	30	02	0	0	—	17.3		15	29		10		21	-7	0	7	16
EL FÂSHER	20	2	50	02	0	0	—			10	28		3		41	-3	0	6	6
GENEINA	50	10	30	02	0	0	—			14	29		11		23	-7	0		4
MALAKÂL	20	16	30	01	1	3	Ci	13.1		21	33		18		14	-8	0	70	88
WÂU	50	5	30	02	2	8	Cs	13.1		19	33		16		28	0	0	144	147
JUBA	30	2	30	01	2	6	ac	12.5		25	35		18		28	5	0	193	153

HUMIDITY %

Station	Mean of day on 16th	Diff. from normal
Alexandria	57	-8
Ezbeklya	67	+5
Gîza	73	+6
Helwân	57	+6

GÎZA GRASS MINIMUM TEMP. ON 17th 7.8°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 16th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	164	19	35	30	6
950					
900					
850	1530	7	29	350	3
800					
700	3097	-3		300	20
600					
500	5716	-14		300	60
400	7356	-30		300	82
300	9321	-49		300	87

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 16th

Height m.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Kharga Dir.	Kharga Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Farouk Dir.	Farouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14 30		14		14		14		14		14	15	14		14		14		14		20		20		20	
300	320	2	80	2	200	6	330	2	10	13	190	6	300	13	350	8	310	6	330	2	210	16	200	12	320	2
600	300	2	240	6	190	12	310	3	20	17			320	10	320	10	300	6	310	3	220	19	210	9	280	11
1000	330	4	250	11	190	16	360	4	30	16	190	6	350	9	310	12	290	7	360	9	220	23	210	11	280	9
1500	320	5	290	5	260	17	360	4	360	12	320	4	330	10	360	7			360	4	220	27	220	10	310	8
2000	330	14	340	9	230	18	340	6			360	10	320	12	340	15			340	7	250	20	260	10	300	13
3000			300	17			320	12			310	17	310	7					320	12	310	45			300	26
4000													300	38												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time					2		3						2										2	
300					260	20	220	16					210	8									210	23
600					280	19	240	11					250	10									220	23
1000					290	25	250	11					260	15									240	23
1500							270	9					280	8									270	24
2000													320	28									280	24
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									5		4		5		5		4						4	
300									50	11														
600									40	16	20	26	40	29	20	27	70	7					20	29
1000									40	13	40	21			30	32	60	16					30	38
1500									20	13	30	6	50	23	30	14	40	15					60	23
2000																	70	3					20	5
3000									20	26	340	17	310	12	40	12	220	9					100	7
4000																								
5000																								
6000																								
7000																								
8000																								

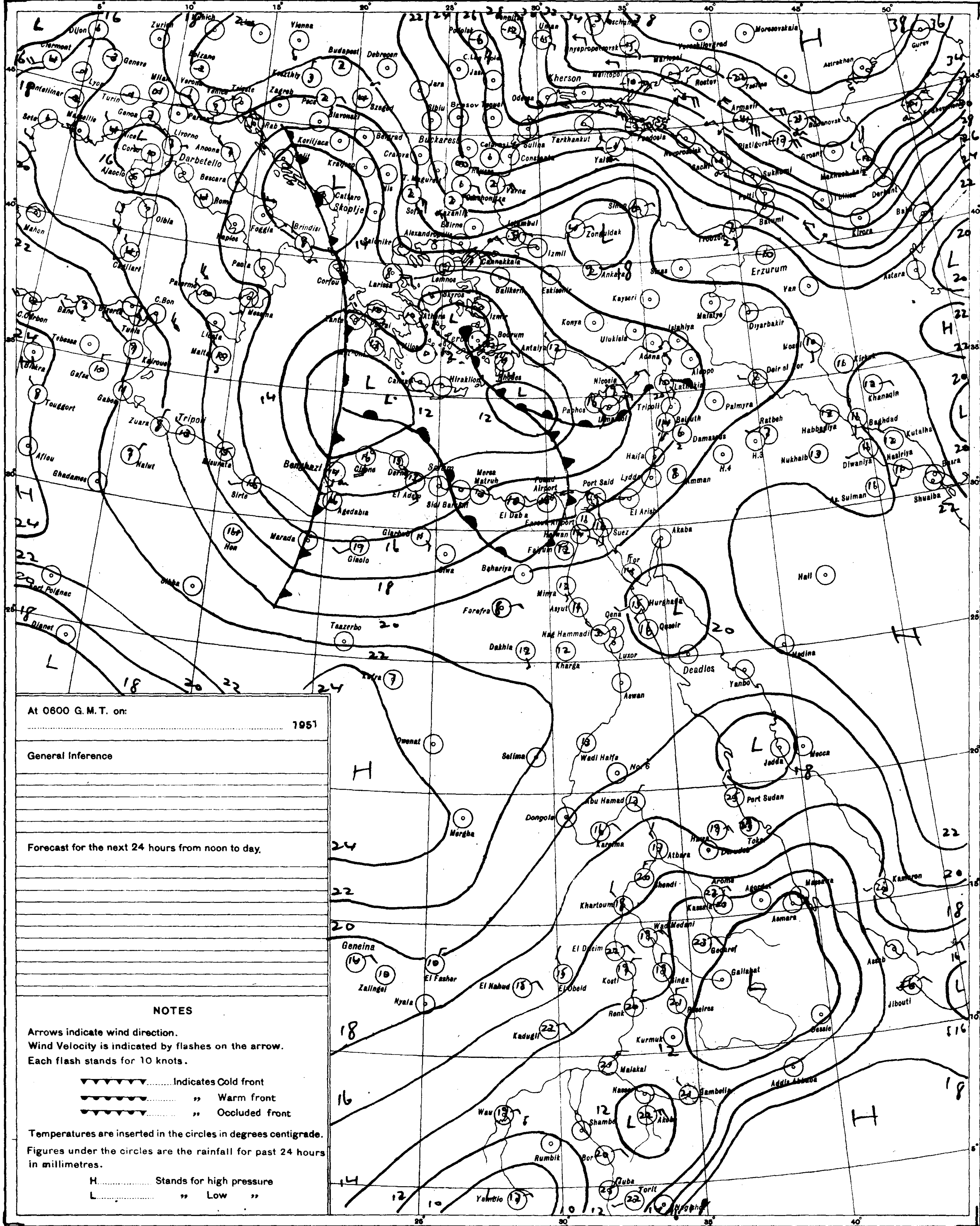
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 17-2-1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 33 G. M. T.
" " Sunset 15 45 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 18th February, 1951

At 1200 on Saturday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	250	5	35	25	8	8	ac	12.2	25	11	-8
	303	SÎDI BARÂNI	180	4	14	02	2	8	ac	12.9	23	21	1
	306	MATRÛH	220	16	14	02	2	8	ac	13.7	24	30	5
	309	EL DABÂ											
		ALEXANDRIA	00	0	50	02	2	8	ac	16.2	19	52	9
	318	FOUAD (Airport)	250	4	18	03	2	3	ac	15.9	21	35	5
	330	DAMIETTA	220	5	7	03	2	8	ac	16.4	21	41	7
	333	PORT SA'ÎD	260	6	30	02	1	5	ac	16.1	22	41	8
	336	EL 'ARISH	270	14	12	03	1	7	ac	16.1	24	38	9
Lower Egypt	339	DAMANHUR	230	5	15	02	2	8	ac	16.9	20	41	6
	342	MANSURA	270	5	35	03	2	6	ac	17.0	21	33	4
	348	TANTA	00	0	35	03	2	8	sc	17.1	22	36	6
	354	ZAGAZIG	40	3	15	03	2	7	sc	17.5	24	34	7
	440	ISMA'ÎLÎA	270	5	35	03	2	8	as	17.1	24	26	3
Cairo Area	366	FAROUK (Airport)	200	19	30	02	1	3	ac, ci	17.9	24	22	1
	372	ALMÂZA	220	12	30	02	1	4	ci	17.0	24	21	0
		EZBEKÎYA	180	4	18	02	1	2	ac	17.1	24	30	5
		GÎZA	180	4	18	02	1	2	ac	17.2	26	25	4
	378	HELWÂN	180	12	50	02	2	6	—	17.4	23	24	1
Upper Egypt	381	FAIYÛM	360	8	35	01	2	7	ci	18.8	26	18	0
	387	MINYA	170	7	8	02	2	6	ci	16.5	24	30	5
	393	ASYÛT MANQABÂD	20	5	12	02	2	6	cs	18.6	24	32	6
	399	NAG' HAMMÂDI	320	1	15	01	0	2	cs	18.3	23	34	6
	402	QENA	270	2	50	03	1	3	cu	18.0	26	30	7
	405	LUXOR	20	6	30	02	1	1	ci	17.9	24	26	3
	414	ASWÂN	330	4	50	01	1	3	ci	17.3	26	16	-2
Oases	417	SÎWA											
	420	BAHARÎYA	270	2	35	02	1	5	ac	17.2	28	22	4
	423	FARAFRA	240	4	35	02	2	8	cs	19.7	28	33	10
	432	DAKHLA	340	5	50	03	1	4	ci	18.6	25	17	-2
	435	KHARGA	00	0	35	02	2	7	—	19.0	26	25	4
Red Sea	450	SUEZ	180	6	50	02	0	2	cu, ci	16.6	21	57	12
	459	TÛR	310	22	50	00	0	0	—	17.4	22	50	11
	462	HURGHÂDA	40	4	30	02	2	7	cs	17.2	24	41	10
	465	QUSEIR	20	9	15	03	1	6	cs	17.6	22	57	13
	641	PORT SÛDÂN	30	10	30	01	1	1	cu	16.3	26	66	20
North Sûdân	600	WÂDI HALFA	20	10	50	03	1	3	ci	16.8	27	12	-5
	640	ABU HAMAD	360	6	30	03	0	2	ci		29	29	9
	660	KAREIMA	50	10	30	02	0	0	—	13.9	29	17	1
	680	'ATBARA	20	13	10	02	0	0	—	11.7	30	18	3
	721	KHARTÛM	60	21				5					2
	730	KASSALA	360	8	30	02	0	0	—	7.5	35	22	10
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	13	35	02	0	0	—	7.0	36	19	9
	771	EL OBEID	60	12	30	02	0	0	—	11.0	28	12	-4
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	50	9	30	01	0	2	ci	7.4	34	12	1
	880	WÂU	20	10	30	02	0	1	ci	7.7	33	10	-3
	941	JUBA	90	9	30	01	2	6	ac, ci	5.8	35	7	-6

At 1800 on Saturday 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALŪM	270	9	15	03	2	8	sc	14.4	19	56	10	dr.
SÎDI BARÂNI	260	6	12	01	2	6	ac	13.4	20	56	11	0
MATRÛH	00	0	15	03	0	3	cu	17.1	18	60	10	0
EL DABÂ	00	0	7	03	2	8	cu	16.1	18	37	3	0
ALEXANDRIA	40	5	35	02	2	8	cu, ac	15.6	18	69	10	0
FOUAD (Airport)	40	2	12	02	2	8	ac	15.7	17	64	10	0
DAMIETTA	220	2		03	2	8	sc	17.1	18	52	8	dr.
PORT SA'ÎD	200	4	14	02	2	7	ac	16.5	18	68	12	0
EL 'ARISH	220	2	15	03	2	7	cu	17.0	17	77	13	0
DAMANHUR	230	5		02	2	8	ac	16.7	18	52	8	0
MANSURA	90	5		03	2	4	ac	17.0	17	60	9	0
TANTA	00	0	35	02	1	8	ac	17.4	18	52	8	0
ZAGAZIG	140	2	35	03	1	7	sc	17.0	19	46	7	0
ISMA'ÎLÎA	290	4	50	00	2	7	sc	17.4	19	72	7	0
FAROUK (Airport)	160	18	12	03	1	7	ac, ci	17.3	20	30	2	0
ALMÂZA	200	14	15	01	1	3	ci	17.1	20	30	2	0
EZBEKÎYA	130	2	12	02	1	2	ci	17.0	19	32	2	0
GÎZA	130	2	12	02	1	2	ci	17.2	18	46	6	0
HELWÂN	160	10	7	02	2	5	ac	17.8	20	24	-1	0
FAIYÛM												
MINYA	160	4	8	02	2	6	cs	18.4	17	42	4	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	19.2	17	52	7	0
QENA	320	2	7	02	1	3	cu	18.7	18	60	10	0
LUXOR	290	5	12	00	0	0	—	19.3	18	46	6	0
ASWÂN	00	0	50	01	1	2	ci	19.0	21	26	1	0
SÎWA												
BAHARÎYA	360	2	15	02	1	0	—	18.0	19	37	4	0
FARAFRA	240	5	15	02	2	7	ci	18.7	21	41	7	0
DAKHLA	320	5	50	01	2	4	ci	19.9	20	24	-1	0
KHARGA	00	0	15	00	1	0	—	19.6	18	28	-1	0
SUEZ												
TÛR	00	0	15	03	2	8	ci	18.2	18	37	3	0
HURGHÂDA	120	4	12	02	2	7	ci	18.8	18	49	7	0
QUSEIR	20	5	15	01	1	4	ci	19.1	21	65	14	0
PORT SÛDÂN	340	4	30	02	0	0	—	17.7	22	74	17	0
WÂDI HALFA	10	9	50	02	0	2	ci	17.4	21	23	-1	0
ABU HAMAD	360	2	50	02	0	0	—		22	31	4	0
KAREIMA	20	5	30	02	0	0	—	15.4	25	14	-5	0
'ATBARA	360	5	30	02	0	0	—	12.9	23	27	3	0
KHARTÛM	350	5	30	02	0	0	—	13.7	25	28	5	0
KASSALA	360	10	10	07	0	0	—		27	33	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	0	0	—	11.5	24	19	-1	0
EL FÂSHER	60	4	30	02	0	0	—		20	21	-3	0
GENEINA	340	1	30	02	0	0	—		22	17	-4	0
MALAKÂL	330	4	30	02	0	0	—	9.6	27	27	6	0
WÂU	20	2	30	02	0	0	—	9.4	28	29	8	0
JUBA	60	0	30	02	2	2	ci	7.5	29	35	12	0

At 0600 on Sunday 18th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	5	15	03	2	8	cu, ac	17.8		15	26		13		68	9	dr.	84	
SÎDI BARÂNI	280	9	12	00	0	8	cu, sc	17.3		15	25		15		77	11	0	97	
MATRÛH	310	18	12	02	2	8	cu, sc	18.7	+2.0	18	27?		15		40	4	dr.	Rain	
EL DABÂ	360	6	15	03	2	8	sc	17.1		15	25		12		77	11	4	37	
ALEXANDRIA	270	22	50	02	5	8	cb	15.0	-2.3	16	20	+1	13	+2	88	14	dr.	45	161
FOUAD (Airport)	270	18	18	02	2	8	cu, ac	14.9		17	21		15		72	12	0	50	126
DAMIETTA	220	2		03	2	8	sc	14.7	-1.8	15	22		11		77	11	dr.	Rain	83
PORT SA'ÎD	210	13	14	02	2	8	ac	14.1	-2.1	17	22		16		56	8	0	13	
EL 'ARISH	220	5	35	03	2	8	ac	15.1	-2.8	19	26	+6	15	+7	46	7	0	Rain	64
DAMANHUR	310	9	7	02	2	8	cc	16.2	-0.3	16	21	0	11	+3	77	12	0	25	75
MANSURA	270	5	15	03	2	8	sc, cu	15.1	-1.5	16	23	+2	14	+6	68	10	0	22	36
TANTA	270	5	7	03	2	8	ac	15.0	-2.0	15	22	+1	10	+3	77	11	0	19	29
ZAGAZIG	220	3	3	28	4	5	ac	14.6	-2.7	15	26	+5	11	+4	59	7	0	Rain	19
ISMA'ÎLÎA	250	9	35	02	2	8	ac	15.6		18	26		14		28	-1	0	12	
FAROUK (Airport)	200	12	12	03	2	7	ac, cs	16.5		18	24		16		32	1	0	1	
ALMÂZA	210	12	14	03	2	5	ac	16.2	-1.2	18	25		10		37	3	0	2	
EZBEKÎYA	220	3	12	02	1	6	ac	16.7	-0.7	16	25	+4	13	+5	39	2	0	2	17
GÎZA	220	3	12	02	1	6	ac	16.7	-0.6	17	26	+5	14	+8	42	4	0	3	17
HELWÂN	140	2	7	00	0	6	cc	17.5	-0.3	15	24	+4	14	+5	30	-3	0	4	18
FAIYÛM	360	4	35	03	2	6	ac	19.2	+2.0	14			11	+4	48	3	0	dr.	6
MINYA	150	5	8	03	2	8	cs	18.9	+1.1	14	24		10		52	4	0	0	
ASYÛT MANQABÂD	270	3	5	10	0	8	as	18.4	-0.2	12			12		77	8	0	dr.	
NAG' HAMMÂDI	00	0		01	1	5	sc, ci	19.1	+1.8	14	25		9		48	3	0	0.1	
QENA	40	1	15	03	1	5	cu	19.1	+2.4	13	27	+2	9	+1	55	4	0	0	
LUXOR	00	0	30	00	0	0	—	19.1	+1.9	19	27		8		24	-2	0	0	
ASWÂN	00	0	50	03	1	5	ci	19.0	+1.3	18	27	+1	14	+3	43	5	0	0	
SÎWA																			6
BAHARÎYA	360	2	35	02	2	7	—	19.2	+1.2	17	28	+6	15	+8	52	7	0	0	6
FARAFRA	290	2	35	02	2	8	as	20.2		13	29		9		55	4	0	dr.	
DAKHLA	00	0	50	03	1	3	ci	19.5	+1.0	11	26	+1	6	-1	30	-6	0	0	
KHARGA	00	0	15	03	1	3	ci	19.4	+1.7	13	26	+1	10	+3	34	-3	0	0	
SUEZ	220	4	35	00	0	7	sc	16.2	-0.6	21			15	+5	26	1	0	0.3	11
TÛR	360	2	35	03	0	8	ac	17.1	+0.6	15	22	0	12	+2	48	4	0	4	11
HURGHÂDA	210	3	30	02	2	7	cs	17.1	+1.1	16	24		13		77	12	0	0	
QUSEIR	330	5	15	02	0	0	—	19.5	+3.8	17	25	+2	15	0	60	9	0	dr.	4
PORT SÛDÂN	330	17	30	02	2	7	sc, ac	17.3		22	27		18		83	19	0	156	92
WÂDI HALFA	310	2	50	03	2	7	cs	18.4		13	28		11		36	-2	0	dr.	
ABU HAMAD	360	5	30	02	0	0	—			18	31		13		40	4	0		
KAREIMA	70	4	30	02	0	0	—	15.6		18	30		16		26	-3	0	dr.	1
'ATBARA	360	13	10	02	0	0	—	14.3		18	32		14		32	1	0	0.3	2
KHARTÛM	360	8	30	02	0	0	—	13.5		20	31		16		24	-1	0	dr.	4
KASSALA											36								8
WÂD MEDANI	50	9	35	02	0	0	—	12.3		19	34		13		49	8	0	46	12
RENK	360	9	35	02	0	0	—	13.8?		22	35		15		38	7	0		49
ROSEIRES	360	5	35	02	0	0	—	9.6?		21	37		17		44	8	0	0	36
EL OBEID	10	2	30	02	0	0	—				31		10			-2	0	7	16
EL FÂSHER	20	5	30	02	0	0	—			10	29		10		26	-9	0	6	6
GENEINA	20	4	30	02	0	0	—			13	32		10		21	-9	0		4
MALAKÂL	20	7	30	02	0	2	ac	11.0		22	35				29	3	0	70	88
WÂU	340	1	30	01	2	6	ac	11.9		22	35		15		29	3	0	144	147
JUBA	50	9	30	03	6	8	sc, ac	13.1		24	36		23		69	18	0.4	194	154

HUMIDITY %

Mean of day

Station	on 17th	Diff. from normal
Alexandria	52	-13
Ezbekîya	37	-25
Gîza	43	-24
Helwân	27	-24

GÎZA
GRASS MINIMUM TEMP.
ON 18th 10.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 17th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	148	22	23	230	11
950					
900					
850	1523	10	47	250	16
800					
700	3104	-2	75	270	37
600					
500	5702	-17		280	80
400	7336	-30		280	84
300	9314	-46		—	—

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 17th

Height m.	Dakhla Dir.	Dakhla Vel.	Port Said Dir.	Port Said Vel.	Farouk Dir.	Farouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Kharga Dir.	Kharga Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14	15	14	15	14		20		20	15	20	
300	230	4	250	15	240	10	170	9	50	2	140	10	170	4	150	3	180	9	100	4	180	16	170	22	220	20
600	250	6	260	17	240	11	180	12	20	5	130	13	130	13	330	4	260	18	180	7	210	16	190	27	220	20
1000			250	16	240	13	190	4	360	8	130	16	240	16	320	5	240	18	210	8	220	17	140	30	240	16
1500			250	20	260	12	230	14	70	9	140	26	190	7	320	10	260	23	110	3	240	20				
2000			260	9	300	17	260	16	360	13	220	15	320	10	340	23	210	27			250	22				
3000			290	9											310	28										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time							4				7	15	2										4	
300							260	18			180	9	200	28									260	17
600							280	15			270	13	230	31									280	22
1000											300	25	230	13									290	30
1500											280	23	230	19									300	28
2000											260	17												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									4				5		4		4		4	45	6		4	
300									50	11														
600													50	15	30	19	100	10					10	24
1000									60	15			40	24	30	24	80	17	40	34	340	7	20	36
1500									70	18			250	18	20	25	100	13	50	22	70	13	50	8
2000																	30	5	310	5				
3000									80	6			50	24	70	10	290	3	180	7	10	6	60	9
4000																								
5000																								
6000																								
7000																								
8000																								

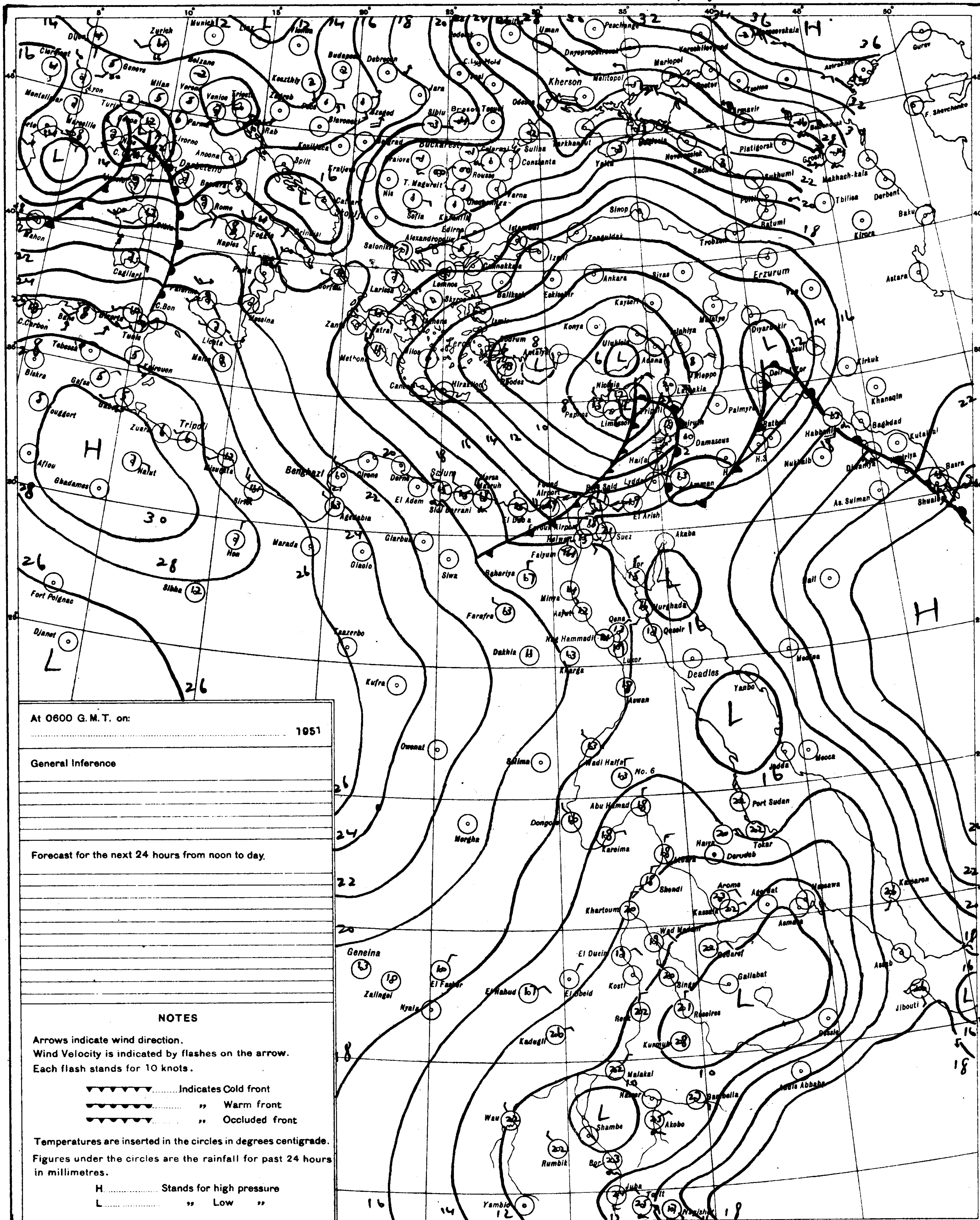
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 18-2-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

- ....Indicates Cold front
- .... „ Warm front
- .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. „ Low „

S of E 1949(45/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
„ or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
„ „ hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
„ „ hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
„ „ hail	96
„ „ Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th „ „ „	2
3/8 „ „ „ „	3
4/8 „ „ „ „	4
5/8 „ „ „ „	5
6/8 „ „ „ „	6
7/8 „ „ „ „	7
Sky completely covered	8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

CAIRO

Time of Sunrise 04 32 G. M. T.

" " Sunset 15 46 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 19th February, 1951

At 1200 on Sunday 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.
MEDITERRANEAN	62300	SALŪM	250	13	35	01	6	6	ci,ac	18.7	17	52	7
	303	SÎDI BARÂNI	300	20	12	01	2	8	cu,sc	17.9	16	59	8
	306	MATRÛH	320	24	6	07	8	7	cu,sc	16.9	16	59	8
	309	EL DABʿA	360	15	35	03	2	8	sc		14	77	10
		ALEXANDRIA	270	27	15	02	6	8	ci	15.5	15	77	11
	318	FOUAD (Airport)	260	21	8	60	6	8	sc,ac	15.6	15	72	10
	330	DAMIETTA	220	19	7	02	6	8	sc	14.9?	16	77	12
	333	PORT SAʿÎD	280	20	18	61	6	8	ac	14.7	16	77	12
	336	EL ʿARISH	220	37?	35	06	2	8	cu	15.1	17	56	8
LOWER EGYPT	339	DAMANHUR	290	13	3	50	5	8	ci	16.7?	15	77	11
	342	MANSURA	270	9	3	60	5	8	cu,ci	15.8	15	83	12
	348	TANTA	220	8	15	03	6	8	ci	16.2	15	77	11
	354	ZAGAZIG	220	2	15	03	6	8	ac	15.6	17	68	11
	440	ISMAʿÎLÍA	270	13	35	02	2	8	ac	15.9	20	41	6
CAIRO AREA	366	FAROUK (Airport)	250	15	12	02	2	8	ac	17.0	18	83	10
	372	ALMÂZA	290	16	12	03	2	7	ac	16.7	19	52	9
		EZBEKÎYA	270	9	18	02	1	8	cu	17.1	19	46	7
		GÎZA	270	9	18	02	1	8	cu	17.2	19	37	4
	378	HELWÂN	270	17	15	02	2	8	ac	17.5	19	37	4
UPPER EGYPT	381	FAIYÛM	330	12	7	09	2	8	ac	17.5	22	36	6
	387	MINYA	320	14	10	02	2	7	ac, ci	18.0	25	19	0
	393	ASYÛT MANQABÂD	330	6	14	02	2	8	cs	17.3	24	32	6
	399	NAGʿ HAMMÂDI	70	2	7	01	1	2	cs	15.9	26	51	15
	402	QENA	270	2	50	02	1	3	cu	14.7	29	29	9
	405	LUXOR	260	2	30	03	1	3	ci	14.6	29	20	4
	414	ASWÂN	310	5	50	01	1	3	ci	14.2	30	14	0
OASES	417	SÎWA											
	420	BAHARÎYA	360	5	15	02	2	7	ac	19.4	22	36	6
	423	FARAFRA	320	26	01	35	3	—	—	20.6	23	50	12
	432	DAKHLA	340	16	50	01	2	3	ci	16.2	26	18	0
	436	KHARGA	360	6	35	02	1	5	ci	17.5	29	19	3
RED SEA	450	SUEZ	310	8	50	03	2	8	sc	15.0	24	26	3
	459	ṬÛR	220	1	35	03	2	8	ci	14.8	24	69	18
	462	HURGHADA	70	6	30	02	2	8	cs	14.0	24	61	16
	465	QUSEIR	110	9	15	00	1	6	ci	14.7	25	47	13
	641	PORT SŪDÂN	40	13	30	01	2	2	cu,ac	13.7	26	74	21
NORTH SŪDÂN	600	WÂDI HALFA	360	12	50	01	2	6	ci	13.8	30	13	-1
	640	ABU ḤAMAD	80	2	30	02	0	2	ci		32	19	6
	660	KAREIMA	50	10	30	02	0	0	—	11.3	31	10	-4
	680	ʿATBARA	50	5	30	02	0	0	—	8.6	32	16	3
	721	KHARTÛM	20	11	50	02	0	0	—	8.5	33	9	-4
	730	KASSALA	360	5	30	02	0	0	—	4.6	37	22	12
CENTRAL SŪDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	7.0	84	19	8
	801	RENK	360	2	35	02	0	0	—	7.6	35	13	3
	802	ROSEIRES	310	9	35	02	0	8	—	5.1	37	13	4
	771	EL OBEID	180	8	30	03	0	0	—	9.2	31	15	1
	760	EL FÂSHER	20	9	50	02	0	0	—		31	11	-3
	770	GENEINA	360	4	30	02	0	0	—		33	8	-6
S. SŪDÂN	840	MALAKÂL	360	6	30	03	0	2	ac,ci	5.9	36	13	4
	880	WÂU	50	2	30	02	2	7	ac	7.0	34	12	1
	941	JUBA	340	9	30	01	2	7	cu,ac	6.7	32	41	17

At 1800 on Sunday 18th

Station	Wind Direction	Wind Velocity in knots	Visibility kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms.
SALŪM	250	5	15	00	0	2	cu,ac	20.6	13	67	7	dr.
SÎDI BARÂNI	350	23	12	01	8	4	cu,sc	19.5	14	67	8	0.4
MATRÛH	300	18	10	16	8	6	ci	18.5	13	67	7	2
EL DABʿA	320	11	7	03	2	6	sc	17.2	14	55	5	0
ALEXANDRIA	310	22	35	03	6	7	ci	16.2	15	68	9	3
FOUAD (Airport)	290	23	12	01	8	6	cu,sc	16.2	15	63	8	4
DAMIETTA	220	12		02	6	8	sc	15.3	13	94	12	3
PORT SAʿÎD	270	22	12	61	6	8	ci	14.6	14	77	10	3
EL ʿARISH	320	9	15	02	6	8	sc	15.5	15	88	13	Rain
DAMANHUR	310	9		01	6	3	cu	17.0	12	95	12	4
MANSURA	180	9		64	6	8	ci	16.3	13	88	11	4
TANTA	220	5	7	03	6	3	cu	17.2	13	88	11	1
ZAGAZIG	220	2	15	61	6	8	ac	17.2	12	95	12	5
ISMAʿÎLÍA	270	5	15	60	6	8	ac	17.5	14	77	10	3
FAROUK (Airport)	250	19	12	81	8	8	sc	19.7	12	95	12	3
ALMÂZA	260	14	8	63	6	8	ac	18.7	12	95	12	4
EZBEKÎYA	270	6	12	02	6	8	cu	18.4	12	95	11	6
GÎZA	270	6	12	02	6	8	cu	18.6	13	77	9	5
HELWÂN	250	11	7	61	6	8	as	19.2	12	88	10	3
FAIYÛM	360	2	7	21	6	8	ac	20.7	13	77	9	4
MINYA	280	6	8	02	2	8	ac	21.5	16	45	4	0
ASYÛT MANQABÂD	320	2	3	10	3	8	cs	21.8	16	45	4	0
NAGʿ HAMMÂDI	320	5		00	0	0	—	19.1	19	64	12	0
QENA	320	2	7	02	1	3	cu	16.8	22	29	3	0
LUXOR	340	10	12	02	1	3	ci				4	0
ASWÂN	00	0	50	00	0	0	—	16.3	20	23	-2	0
SÎWA												
BAHARÎYA												
FARAFRA	290	19	15	02	3	8	ac	23.7	15	69	9	0
DAKHLA	340	5	35	03	0	0	—	19.5	22	16	-5	0
KHARGA												
SUEZ	220	5	35	01	0	6	sc	17.4	15	59	7	0
ṬÛR												
HURGHADA	300	9	10	02	2	7	cs	13.9	22	36	6	0
QUSEIR	20	5	15	01	1	3	ci	14.8	22	65	15	0
PORT SŪDÂN												
WÂDI HALFA												
ABU ḤAMAD												
KAREIMA												
ʿATBARA												
KHARTÛM	350	10	50	02	0	0	—	10.5	26	16	-2	0
KASSALA	360	5	30	02	0	0	—	9.0	29	35	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	2	30	01	0	0	—	10.9	25	21	1	0
EL FÂSHER												
GENEINA	20	6	30	02	0	0	—		26	12	-6	0
MALAKÂL	340	1	30	03	1	4	ac,ci	7.8	29	27	8	0
WÂU	180	2	30	01	1	2	ac	8.3	29	25	7	0
JUBA	170	6				3	cu	11.6	30			0

At 0600 on Monday 19th February,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	250	9	15	00	0	2	cu	22.7		11	18		9		77	7	dr.	84	
SÎDI BARÂNI	310	12	14	00	0	4	cu	21.4		14	18		12		67	8	0.6	98	
MATRÛH	270	11	14	01	1	4	ci	21.7	+5.0	11	18		10		77	7	2	Rain	
EL DABʿA	240	5	15	01	1	3	cu	20.0		14	19		10		55	5	12	49	
ALEXANDRIA	310	22	50	02	2	3	cu	19.8	+2.6	15	20	+1	12	+1	59	7	4	55	162
FOUAD (Airport)	320	18	14	01	8	2	cu,sc	19.5		15	17		12		59	7	4	54	126
DAMIETTA	290	9	7	01	6	5	ci	19.4	+2.9	14	17		9		88	12	7	Rain	84
PORT SAʿÎD	290	17	18	02	8	5	cu,sc	16.9	+0.6	12	17		11		88	10	4	17	
EL ʿARISH	220	24	35	02	6	8	ns	16.7	-0.6	14	17	-3	11	+3	77	10	Rain	Rain	65
DAMANHUR	310	5	7	02	1	1	cu	19.9	+3.4	12	17	-4	9	+1	88	10	4	29	75
MANSURA	270	5	35	03	6	4	sc,cu	18.7	+2.1	11	18	-3	9	+1	88	9	7	29	37
TANTA	220	2	35	01	1	3	ac	19.9	+2.9	10	19	-2	8	+1	95	10	3	22	29
ZAGAZIG	220	1	3	43	4	0	—	19.8	+2.6	9	21	0	9	+2	95	9	5	16	19
ISMAʿÎLÍA	250	9	35	01	6	3	ac	19.0		12	21		10		77	8	5	17	
FAROUK (Airport)	220	14	8	05	0	0	—	20.3		10	21		9		88	8	5	6	
ALMÂZA	260	13	12	00	0	0	—	20.5	+3.1	10	21		8		88	8	9	11	
EZBEKÎYA	270	7	12	00	0	0	—	20.7	+3.3	11	21	-1	9	0	82	8	6	8	17
GÎZA	270	7	12	00	0	0	—	20.4	+3.1	12	21	0	8	0	77	8	7	10	17
HELWÂN	00	0	15	01	1	1	ac	21.5	+3.8	10	22	+2	8	-1	88	8	7	11	18
FAIYÛM	360	4	35	01	1	2	sc	22.2	+5.0	11	24	+1	8	0	77	7	4	4	
MINYA	290	2	8	00	0	0	—	22.0	+4.2	10	26		6		82	7	dr.	dr.	
ASYÛT MANQABÂD	300	4	8	10	0	0	—	23.3	+4.8	10	25		7		88	8	0	dr.	
NAGʿ HAMMÂDI	320	6	7	00	0	0	—	22.6	+5.3	13	27		10		67	7	0	0.1	
QENA	270	2	15	00	0	0	—	21.0	+4.4	14	30	+4	10	+2	55	5	0	0	
LUXOR	340	8	30	00	0	0	—	21.9		14	31		12		55	5	0	0	
ASWÂN	350	9	50	00	0	0	—	22.0	+4.4	14	30	+4	10	-2	55	5	0	0	
SÎWA																			6
BAHARÎYA																			6
FARAFRA	320	8	35	02	0	0	—	25.3		11	23		7		77	7	0	dr.	
DAKHLA	340	8	50	00	0	0	—	25.1	+6.6	10	26	+1	7	0	62	3	0	0	
KHARGA																			
SUEZ	270	5	50	00	0	0	—	19.1	+2.4	15	26	+5	11	+1	59	7	dr.	0.3	11
ṬÛR																			11
HURGHADA	270	20	30	03	0	1	cu	18.8	+2.9	16	26		13		68	10	0	0	
QUSEIR	330	13	35	02	0	0	—	19.5	+3.8	16	26	+3	15	0	42	3	0	dr.	4
PORT SŪDÂN	340	9	30	50	2	7	sc,ac	14.7		24	27				84	21	0	156	92
WÂDI HALFA	360	19	7	00	3	2	ci	21.7		15	32				39	1	0	dr.	
ABU ḤAMAD	360	22		34	3	0	—			17	34				34	1	0		
KAREIMA																			1
ʿATBARA																			2
KHARTÛM	350	14	50	02	0	0	—	13.4		20	34				18	5	0	dr.	4
KASSALA	360	9	35	02	0	0	—	12.6		23	38		18		65	16	0	3	8
WÂD MEDANI	50	5	35	02	0	0	—	9.9		27	38		19		20	2	0	46	12
RENK																			49
ROSEIRES	310	9	35	02	1	3	ac	12.7		24	38		21		30	5	0	0	36
EL OBEID	360	15	30	01	0	0	—	14.2		19	33		17		26	-1	0	7	16
EL FÂSHER	20	3	50	02	0	0	—			12	33		8		36	-3	0	6	6
GENEINA	50	15	30	01	0	1	ci			18	35		14		24	-3	0		4
MALAKÂL	140	1	10	04	1	6	ac,ci	12.1		24	38		19		38	9	0	70	88
WÂU	00	0	30	03	1	5	ac	11.4		21	35		18		53	11	0	144	148
JUBA	310	5	7	02	2	8	ac	9.8		19	34		17		43	6	0	194	154

HUMIDITY %

Mean of day

Station	on 18th	Diff. from normal
Alexandria	71	+6
Ezbekiya	60	-5
Giza	57	-10
Helwân	59	+7

GÎZA

GRASS MINIMUM TEMP. ON 19th 6.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 18th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	146	15	63	260	13
950					
900					
850	1498	4	87	280	32
800					
700	3056	-5	93		
600					
500	5636	-19			
400	7256	-33			
300	9213	-48			

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 18th

Height m.	Kharga Dir.	Kharga Vel.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	Dakhla Dir.	Dakhla Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14	15	20		20	
300	360	14	340	13	270	16	310	21	320	30	320	25	260	4	240	21	300	29
600	360	16	340	13	200	20	310	26	320	27	330	28	270	10	270	30	300	45
1000	10	17	340	14	330	20			320	40	330	25	280	15	290	31	310	25
1500			290	7	340	20					340	20	260	22	290	35	340	15
2000											280	12	250	26				
3000											240	43						
4000											240	59						
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 19th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Saʿîd Dir.	Port Saʿîd Vel.	El ʿArîsh Dir.	El ʿArîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time							4				6	45	2										3	
300							280	28			210	3	300	25									270	22
600							300	29			280	15	320	28									290	23
1000											300	21	320	37									290	24
1500																							300	30
2000																							310	39
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time															4				4	45	5			
300																								
600															10	24								
1000															20	38			10	29	360	7		
1500															10	21			20	31	50	21		
2000																			360	19				
3000															260	4			230	10				
4000																								
5000																								
6000																								
7000																								
8000																								

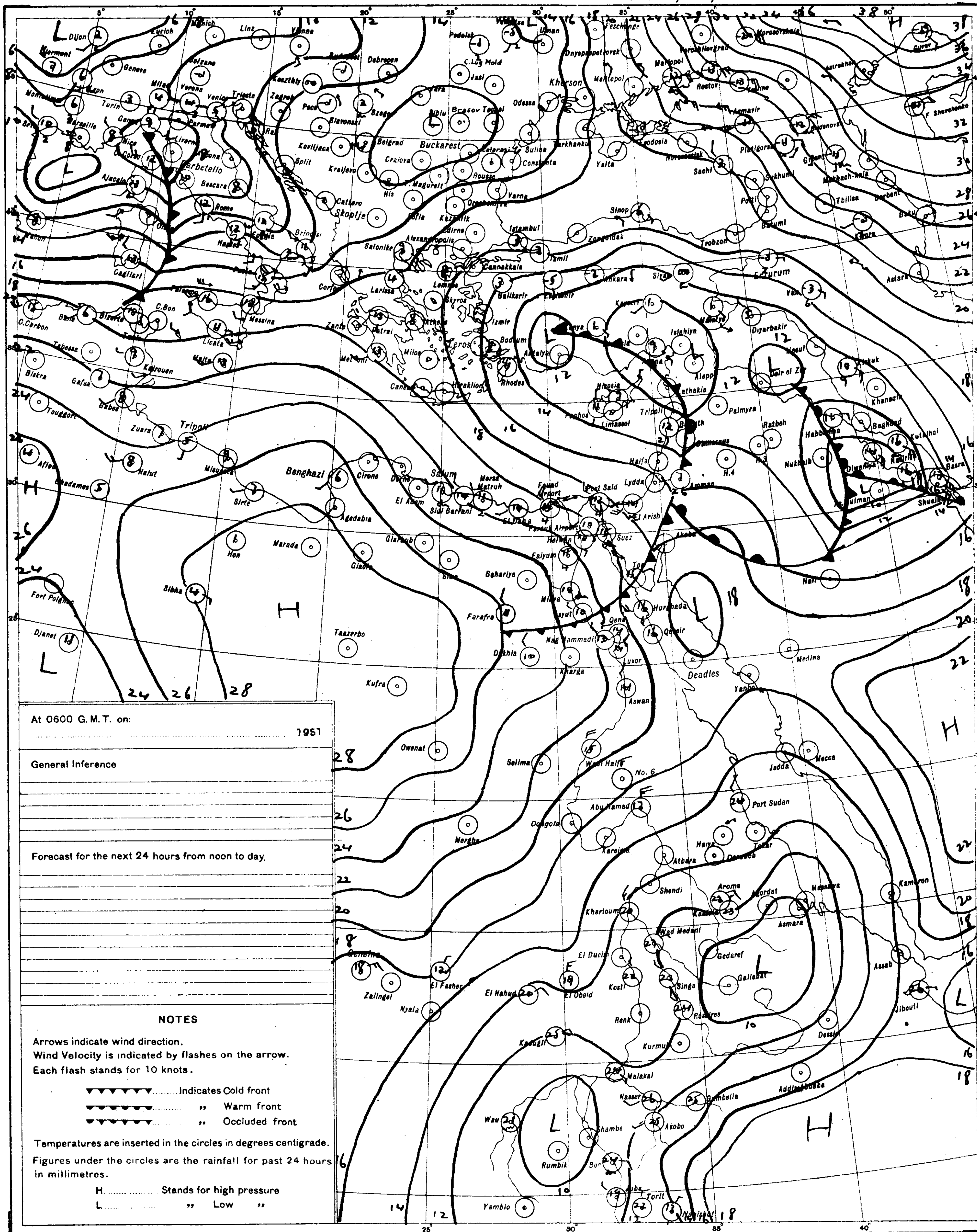
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 19-2-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
●●●●●●........ ,, Warm front
▼●▼●▼●........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.............. Stands for high pressure
L.............. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Thunderstorm during the past hour	91	
Hail / Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 04 31 G.M.T.

" " Sunset 15 47 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 20th February, 1951

At 1200 on Monday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	290	5	35	00	0	1	Cu	21.1	19	35	4
	303	SIDI BARANI	270	10	14	01	1	3	cu	21.8	17		
	306	MATRUH	320	18	15	01	0	4	Cu, Ac	21.5	17	52	7
	309	EL DABA											
		ALEXANDRIA	310	22	50	02	8	4	Cu	19.8	17	52	7
	318	FOUAD (Airport)	340	13	18	03	8	4	Cu	20.2	18	52	8
	330	DAMIETTA	250	9	35	01	8	4	Cu	19.0	17	60	9
	333	PORT SA'ID	340	19	14	03	8	5	Cu, Sc	18.1	16	68	10
	336	EL 'ARISH	270	12	12	01	8	3	cu	16.5	17	77	13
Lower Egypt	339	DAMANHUR	310	9	15	02	1	3	Cu	20.4	17	60	9
	342	MANSURA	360	9	35	01	2	3	Cu	20.4	18	52	8
	348	TANTA	220	8	35	01	1	4	Cu, Sc	20.6	17	52	7
	354	ZAGAZIG	220	2	35	03	1	3	Cu	20.0	20	43	7
	440	ISMA'ILIA	290	13	15	03	1	6	Cu	19.0	19	46	7
Cairo Area	366	FAROUK (Airport)	270	13	30	02	2	5	Cu,	20.0	17	52	7
	372	ALMAZA	340	16	15	02	2	5	Cu	19.2	17	60	9
		EZBEKIYA	350	4	18	02	1	6	cu	19.8	19	46	7
		GIZA	350	4	18	02	1	6	cu	19.4	18	46	6
	378	HELWAN	320	13	35	03	1	7	Cu	19.9	17	52	7
Upper Egypt	381	FAIYUM	360	4	35	03	1	4	Cu	21.0	18	46	6
	387	MINYA	330	8	8	02	2	5	Cu	20.8	20	35	4
	393	ASYUT MANQABAD	320	6	18	01	1	6	Cu	20.8	19	30	1
	399	NAG' HAMMADI	320	4	15	01	0	2	Cu	20.0	20	46	8
	402	QENA	130	2	50	00	0	0	—	19.2	22	36	6
	405	LUXOR	10	16	30	00	0	0	—	19.2	20	26	0
	414	ASWAN	20	9	35	01	3	0	—	19.3	20	30	2
Oases	417	SIWA											
	420	BAHARIYA	320	3	35	02	0	0	—	21.8	19	46	7
	423	FARAFRA	360	3	35	02	0	0	—	23.3	19	37	4
	432	DAKHLA	340	16	50	00	0	0	—	22.3	19	30	1
	435	KHARGA	360	11	7	00	0	0	—	21.5	20	24	-1
Red Sea	450	SUEZ	310	5	50	03	0	4	Cu	18.1	20	41	6
	459	TOR	330	13	35	03	0	1	cu	18.0	20	33	3
	462	HURGHADA	320	24	30	01	1	1	cu	17.0	19	52	9
	465	QUSEIR	20	13	15	02	0	0	—	18.4	21	33	4
	641	PORT SUDAN	30	7	2	07	2	3	Sc	13.0	27	70	21
North Sudan	600	WADI HALFA	20	23	4	07	3	0	—	18.8	23	16	-4
	640	ABU HAMAD	350	23		31	3	0	—		28	9	-8
	660	KAREIMA	50	17	2	07	0	0	—	14.3	28	14	-2
	680	'ATBARA	340	19	2	07	3	9	—	10.3	32	10	-4
	721	KHARTUM	10	23	8	06	0	0	—	9.4	33	9	-5
	730	KASSALA	360	10	10	07	0	0	—	5.5	35	13	11
Central Sudan	751	WAD MEDANI	50	9	35	02	1	0	—	7.2	35	18	7
	801	RENK	360	13	35	02	1	0	—	6.4	36	15	6
	802	ROSEIRES	310	9	35	02	0	0	—	5.5	37	17	8
	771	EL OBEID	30	21	2	07	0	0	—	6.5	32	11	-2
	760	EL FASHER	60	18	10	02	0	0	—		31	15	1
	770	GENEINA	50	15	12	05	0	0	—		33	12	0
S. Sudan	840	MALAKAL	110	12	10	04	1	0	—	6.5	36	10	-1
	880	WAU	50	8	30	01	1	1	ac	6.6	35	19	-1
	941	JUBA	230	5	30	02	6	8	ac	9.6	27	55	17

At 1800 on Monday 19th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	00	0	15	00	0	0	—	20.8	14	67	8	0
SIDI BARANI	290	6	14	01	0	0	—	20.9	14	77	10	0
MATRUH	290	4	15	00	0	3	Cu	21.0	13	77	9	0
EL DABA												
ALEXANDRIA	310	16	35	03	8	5	Cb	20.3	15	59	7	dr.
FOUAD (Airport)	320	12	12	81	1	7	Cu, Sc	20.3	15	72	10	dr.
DAMIETTA	220	5	7	01	1	2	Cu	19.1	15	68	9	0.2
PORT SA'ID	310	10	14	03	0	3	Sc	18.9	15	72	10	0.4
EL 'ARISH	320	24	15	02	1	3	Sc	19.0	15	68	9	Rain
DAMANHUR	310	5	7	02	1	2	Cu	20.7	13	77	9	0
MANSURA	270	5		00	1	0	—	20.6	13	67	7	0
TANTA	220	2	35	02	1	0	—	20.2	11	88	9	0
ZAGAZIG	320	1	50	02	1	0	—	20.3	12	88	10	0
ISMA'ILIA	290	5	35	01	0	0	—	19.9	14	67	8	0
FAROUK (Airport)	290	5	12	00	1	0	—	21.1	14	67	8	0
ALMAZA	340	8	12	02	1	2	Cu	20.4	14	55	5	0
EZBEKIYA	330	3	12	02	1	3	Cu	20.8	14	59	6	0
GIZA	330	3	12	02	1	3	Cu	20.8	13	67	7	0
HELWAN	320	9	15	01	1	0	—	20.6	14	55	5	0
FAIYUM	00	0	35	01	0	0	—	20.7	13	67	7	0
MINYA	00	0	8	00	1	0	—	21.1	13	48	2	0
ASYUT MANQABAD	220	2	10	00	0	0	—	21.5	14	52	4	0
NAG' HAMMADI												
QENA	320	2	7	00	0	0	—	19.2	18	40	4	0
LUXOR												
ASWAN	350	6	50	00	0	0	—	19.6	17	34	1	0
SIWA												
BAHARIYA	320	2	15	02	0	0	—	22.6	13	67	7	0
FARAFRA	290	4	15	02	0	0	—	23.6	12	55	3	0
DAKHLA	340	11	50	00	0	0	—	22.0	16	32	-1	0
KHARGA	00	0	15	00	0	0	—	22.2	15	39	1	0
SUEZ	310	4	35	01	0	0	—	20.0	15	59	7	0
TOR	310	9		01	3	0	—	18.2	17	52	7	0
HURGHADA	250	11	12	00	0	0	—	18.3	16	45	4	0
QUSEIR	330	9	15	01	0	0	—	19.0	18	52	8	0
PORT SUDAN	360	19	4	07	1	7	Sc	16.1	23	78	19	0
WADI HALFA	350	16	30	02	3	0	—	18.7	18	24	-3	0
ABU HAMAD	340	10	10	02	0	0	—		20	21	-3	0
KAREIMA	360	18	4	07	0	0	—	15.5	21	15	-7	0
'ATBARA												
KHARTUM	10	11	4	06	0	0	—	11.6	27	17	0	0
KASSALA	50	12	10	07	0	0	—	8.6	29	40	14	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	8	10	05	0	0	—	11.0	25	21	1	0
EL FASHER	70	12	10	02	0	0	—		25	22	2	0
GENEINA	20	10	10	02	0	1	Cu		26	21	2	0
MALAKAL	350	5	30	01	0	0	—	7.4	28	23	5	0
WAU	00	0	30	01	1	1	ac	7.5	29	29	9	0
JUBA	00	0	30	02	2	8	ac	9.1	24	79	20	0.1

At 0600 on Tuesday 20th February

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	250	2	15	00	1	2	Ci	19.5		12	20		8		77	8	0	84	
SIDI BARANI	190	4	14	00	0	0	—	19.3		10	18		8		82	7	0	98	
MATRUH	240	12	12	01	0	3	Cu, Ci	20.0	+3.3	10	18		8		82	7	0	Rain	
EL DABA																			
ALEXANDRIA	310	15	35	03	8	8	Cb	19.6	+2.5	14	18	-1	13	+2	88	12	dr.	55	163
FOUAD (Airport)	250	11	13	80	2	8	Sc	19.5		13	18		13		94	12	dr.	54	127
DAMIETTA	220	2		03	1	6	Sc	19.4	+2.9	12	17		8		88	10	0.2	Rain	85
PORT SA'ID	270	15	13	03	2	7	Sc	18.6	+2.4	13	17		12		82	10	0.4	17	
EL 'ARISH											18	-2							65
DAMANHUR	270	9	7	02	1	6	Cu, Sc	20.6	+4.1	12	18	-3	9	+1	88	10	0	29	76
MANSURA	270	9	15	80	2	8	Cb	20.0	+3.4	11	19	-2	9	+1	88	9	dr.	29	37
TANTA	220	2	15	03	2	7	Sc	20.8	+3.9	10	19	-2	8	+1	94	9	0	22	30
ZAGAZIG	220	2	35	03	1	6	Cb	20.6	+3.4	10	20	-1	8	+1	88	8	0	16	19
ISMA'ILIA	250	5	35	03	2	8	ac	20.3		12	21				77	8	0	17	
FAROUK (Airport)	200	11	12	02	2	6	Sc	20.9		11	18		10		77	7	0	6	
ALMAZA	210	11	12	03	1	6	Sc	21.0	+3.7	11	19		9		88	9	0	11	
EZBEKIYA	00	0	12	02	1	7	Sc	21.2	+3.9	11	20	-2	10	+1	82	8	0	8	17
GIZA	00	0	12	02	1	7	Sc	21.1	+3.8	12	19	-2	7	+1	77	8	0	10	18
HELWAN	320	3	7	03	1	3	Sc	21.9	+4.3	10	18	-3	8	-1	76	6	0	11	18
FAIYUM	00	0	35	02	0	0	—	21.8	+4.7	11	23	0	7	-1	77	7	0	4	6
MINYA	00	0	8	00	0	0	—	21.8	+4.1	9	21		4		82	6	0	dr.	
ASYUT MANQABAD	00	0	8	10	0	0	—	22.5	+4.1	12	20		7		63	5	0	dr.	
NAG' HAMMADI	00	0	7	00	0	0	—	21.4	+4.2	11			5		77	7	0	0.1	
QENA	290	2	15	00	0	0	—	21.0	+4.5	11	23	-3	7	-1	63	4	0	0	
LUXOR	00	0	30	00	0	0	—	20.1	+3.0	12			5		44	0	0	0	
ASWAN	350	4	50	00	0	0	—	21.0	+3.5	13	21	-5	9	-3	59	5	0	0	
SIWA																			6
BAHARIYA	270	2	35	02	0	0	—	22.4	+4.5	11	19	-4	5	-2	63	4	0	0	6
FARAFRA	160	4	35	03	1	2	Ci	23.8		10	20		4		50	0	0	dr.	
DAKHLA	340	8	50	03	0	1	Ci	22.7	+4.3	9	20	-5	5	-2	62	2	0	0	
KHARGA	00	0	35	03	1	3	Cs				20	-5	6	-2		1	0	0	
SUEZ	00	0	50	00	1	7	Sc	20.0	+3.4	12	21	0	7	-3	77	8	0	0.3	12
TOR	310	5	50	02	0	0	—	19.5	+3.1	16	22	0	14		49	5	0	4	11
HURGHADA	250	12	30	03	0	1	Cu	20.5	+4.6	14	19		10		55	5	0	0	
QUSEIR	330	9	15	00	0	0	—	19.5	+3.9	16	23	0	13	-2	49	5	0	dr.	4
PORT SUDAN	240	15	30	02	0	0	—	16.7		21	29		17		53	11	0	156	92
WADI HALFA	360	6	50	02	0	1	Ci	21.0		10	24		6		54	1	0	dr.	
ABU HAMAD	360	10	30	02	0	0	—			15	29		11		30	-3	0		
KAREIMA	20	10	30	02	0	0	—	17.4		13	32		10		38	-1	0	dr.	1
'ATBARA	360	13	10	07	0	0	—	15.3		17	36		15		37	2	0	0.3	2
KHARTUM	340	14	35	05	0	0	—	14.6		18	34		15		19	-6	0	dr.	4
KASSALA	50	11	10	07	0	0	—	10.7		23	36		19		69	17	0	3	8
WAD MEDANI																			12
RENK	360	13	35	02	0	0	—	17.9		23	37		18		27	3	0		49
ROSEIRES																			36
EL OBEID	360	13	4	05	0	0	—	15.5		17	33		15		26	-3	0	7	16
EL FASHER	350	8		06	0	0	—			13	31		12		48	2	0	6	6
GENEINA	30	10	2	05	0	1	Ci			16	33		15		36	1	0		4
MALAKAL	20	14	15	06	0	4	ac	11.6		25	37		20		18	-1	0	70	88
WAU	20	9	7	05	1	7	ac	11.7		23	37		20		32	5	0	144	148
JUBA	180	2	30	03	1	6	ac	10.0		24	27		21		74	19	0.1	194	155

HUMIDITY %

Mean of day

Station	on 19th	Diff. from normal
Alexandria	55	-10
Ezbekiya	63	+1
Giza	65	-2
Helwan	65	+15

GIZA

GRASS MINIMUM TEMP. ON 20th 3.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ..... AIRPORT — On 19th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	172	17	46	320	10
950					
900					
850	1527	4	75	310	13
800					
700	3093	-1		300	22
600					
500	5697	-16		310	42
400	7339	-29		310	47
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 19th

Height m.	Minya Dir.	Minya Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Asyut Dir.	Asyut Vel.	Luxor Dir.	Luxor Vel.	Farouk Dir.	Farouk Vel.	S. Barani Dir.	S. Barani Vel.	El Arish Dir.	El Arish Vel.	Farouk Dir.	Farouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14	15	14		14		14		15		14		14	30	20		20		20	
300	360	11	350	18	310	19	340	33	300	32	310	12	330	13	320	11	300	17	200	27	300	19	300	20	340	19
600	340	11	360	24	320	16	340	32	300	30	320	12	340	10	320	11	300	16	290	24	290	19	310	24	330	20
1000	350	12	10	26	330	16	330	23	310	24	330	16	340	8	320	13	290	17	290	24	280	17	320	23	330	17
1500	330	24			340	7	280	23	300	33	350	16	350	15	310	13					270	17	330	45	320	19
2000	340	22			20	11					330	22			300	15										
3000															300	22										
4000																										
5000															300	34										
6000															310	51										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
Time					2		3				6 45		2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					260	12	260	20			150	10	30	7									
600					280	12	280	17			210	8	20	6									
1000					280	13	310	23			320	11	290	5									
1500					310	19																	
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time									5						4		4		4		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									40	16													20 16
600									60	28					360	17	30	8	360	25			
1000									60	17					30	31	60	11	20	31	360	13	10 27
1500									50	14					30	21	100	20	50	20	20	9	
2000																							
3000															320	7	110	11	310	11			
4000															300	36							
5000																							
6000																							
7000																							
8000																							

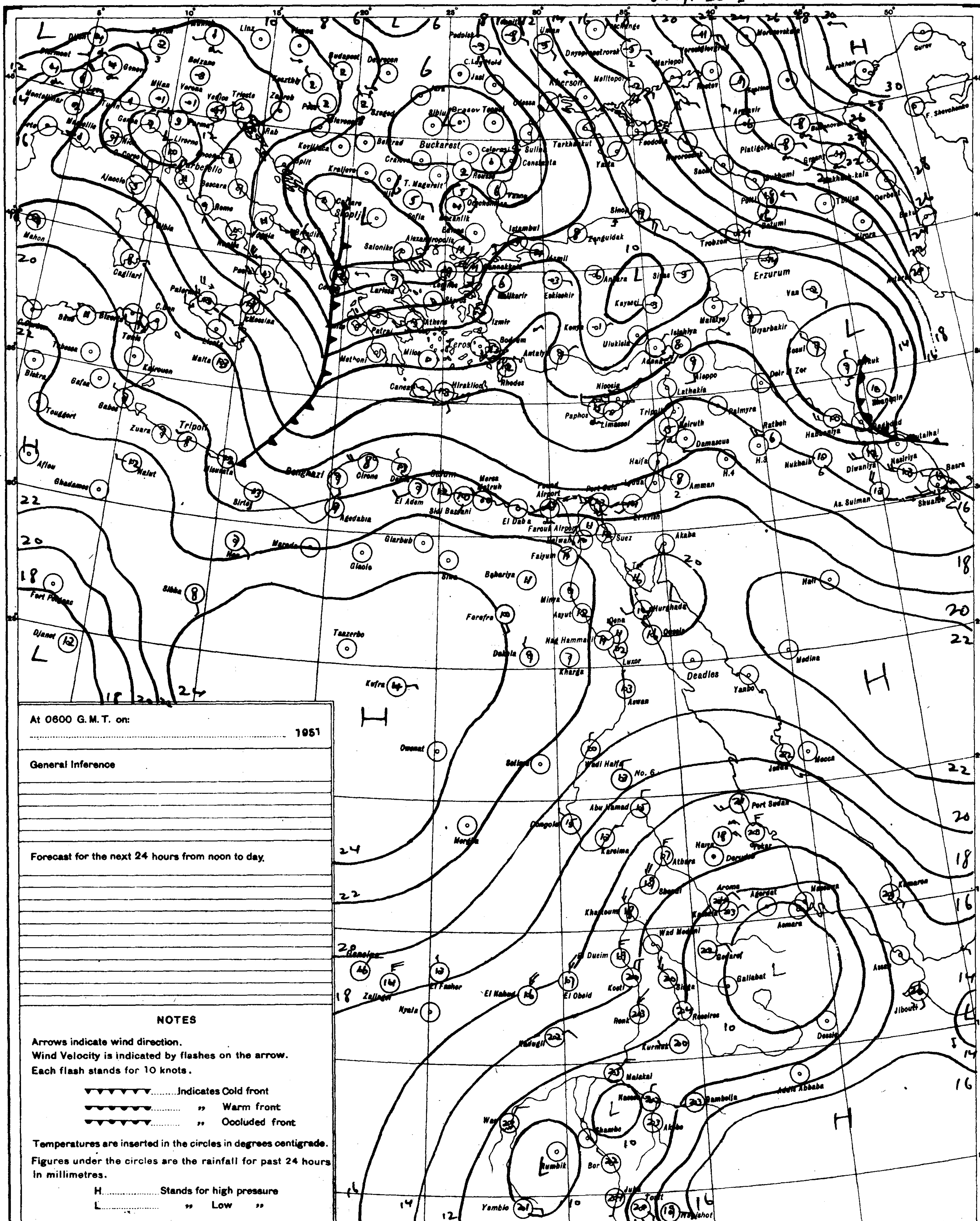
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (45/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 20-2- 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 04 31 G.M.T.

" " Sunset 15 48 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Wednesday 21st February, 1951

At 1200 on Tuesday 20th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	270	2	35	02	1	2	Ci	16.8	22	65	15
	303	SÎDI BARÂNI	270	14	18	01	0	0	—	17.4	20	35	4
	306	MATRÛH	360	8	15	01	1	0	—	17.9	21	38	6
	309	EL DABÂ	270	5	35	00	0	0	—	17.4	19	64	12
		ALEXANDRIA	220	19	50	02	8	4	Cu	18.2	17	68	11
	318	FOUAD (Airport)	270	16	18	02	8	4	Sc, Ci	18.5	18	68	11
	330	DAMIETTA	220	5	7	03	2	7	Sc	17.9	19	64	12
	333	PORT SA'ÎD	290	7	30	02	2	8	Cu, Sc	17.8	18	73	13
	336	EL 'ARISH	270	13	12	02	1	1	Cu	17.2	19	64	12
LOWER EGYPT	339	DAMANHUR	270	9	15	02	1	4	Cu	18.8	21	57	12
	342	MANSURA	270	9	35	03	2	5	Cu	18.6	20	60	12
	348	TANTA	220	2	35	01	1	4	Cu, Sc	19.4	21	53	10
	354	ZAGAZIG	220	2	35	03	1	8	Ac	19.2	18	73	13
	440	ISMA'ÎLIA	270	5	35	03	1	6	Cu	18.4	19	46	7
CAIRO AREA	366	FAROUK (Airport)	250	12	30	03	2	7	Sc	19.2	18	56	8
	372	ALMÂZA	250	10	14	03	2	7	Sc	19.0	18	52	8
		EZBEKÎYA								18.6	20	53	10
		GÎZA	320	2	18	02	1	6	Cu	18.8	20	46	8
	378	HELWÂN	00	0	35	01	2	6	Cu	19.2	18	49	7
UPPER EGYPT	381	FAIYÛM	360	2	35	03	0	2	Ac	20.6	20	46	8
	387	MINYA	340	6	12	00	0	0	—	19.5	21	38	6
	393	ASYÛT MANQABÂD	310	4	14	00	0	0	—	18.4	20	46	8
	399	NAG' HAMMÂDI	320	4	15	00	0	0	—	17.9	22	44	9
	402	QENA	320	2	50	03	1	2	Ci	17.4	24	26	3
	405	LUXOR	360	9	30	01	1	1	Ci	17.7	22	23	0
	414	ASWÂN	330	8	50	00	0	0	—	16.9	22	27	2
OASES	417	SÎWA											
	420	BAHARÎYA	320	4	35	02	0	0	—	20.0	21	33	4
	423	FARAFRA	360	6	35	02	1	2	Ci	21.4	20	33	3
	432	DAKHLA	340	8	50	01	1	1	Ci	18.8	21	26	1
	436	KHARGA	360	2	35	02	1	3	Ci	19.6	22	29	3
RED SEA	450	SUEZ	180	4	50	01	0	5	Cu	17.6	20	46	8
	459	TÛR	310	9	35	00	0	0	—	17.9	19	46	7
	462	HURGHÂDA	320	14	30	00	0	0	—	16.4	19	64	12
	465	QUSEIR	360	19	15	01	0	0	—	17.9	20	46	8
	641	PORT SÛDÂN	30	18	7	07	0	0	—	12.9	25	65	18
NORTH SÛDÂN	600	WÂDI HALFA	360	13	50	03	0	1	Ci	17.1	23	19	-2
	640	ABU HAMAD	360	6	30	02	0	0	—		27	15	-2
	660	KAREIMA	20	10	30	02	0	0	—	12.6	26	16	-2
	680	'ATBARA	360	13	10	07	0	0	—	10.3	28	25	6
	721	KHARTÛM	340	15	30	01	0	1	Ci	9.2	30	21	5
	730	KASSALA	20	5	30	02	0	0	—	5.1	34	29	13
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	6.6	33	19	6
	801	RENK	360	13	35	02	0	0	—		34	25	11
	802	ROSEIRES											
	771	EL OBEID	20	8	10	02	0	1	Ci	9.8	28	19	2
	760	EL FÂSHER	50	10	4	06	0	1	Ci		29	20	4
	770	GENEINA	20	5	2	05	0	0	—		31	16	2
S. SÛDÂN	840	MALAKÂL											
	880	WÂU	90	5	7	05	2	8	Cs	5.6	34	12	1
	941	JUBA	20	9	30	01	1	0	—	3.7	36	14	5

At 1800 on Tuesday 20th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
SALÛM	290	2	15	01	0	0	—	19.8	14	67	8	0
SÎDI BARÂNI	210	2	14	02	0	0	—	17.2	13	59	5	0
MATRÛH	270	3	15	03	0	1	Ac	17.7	13	67	7	0
EL DABÂ	00	0	7	01	1	3	Cu	17.4	13	88	11	0
ALEXANDRIA	00	0	35	01	2	3	Cu	18.6	15	68	9	dr.
FOUAD (Airport)	220	2	12	02	2	0	—	17.9	18	60	10	dr.
DAMIETTA	220	2	7	01	1	2	Cu	18.4	15	88	13	0
PORT SA'ÎD	330	1	18	02	2	6	Cu, Sc	17.3	16	82	13	0
EL 'ARISH	220	2	15	02	0	2	Cu	17.6	15	88	13	0
DAMANHUR	270	9	7	02	0	0	—	20.0	14	77	10	0
MANSURA	320	5		00	1	0	—	19.0	15	77	11	0
TANTA	00	0	35	02	1	0	—	19.6	12	88	10	0
ZAGAZIG	00	0	35	02	2	0	—	19.0	15	77	11	0
ISMA'ÎLIA	200	2	35	01	0	0	—	19.1	14	77	10	0
FAROUK (Airport)	250	3	10	00	0	0	—	19.5	16	68	10	0
ALMÂZA	300	5	12	00	0	0	—	18.7	15	59	7	0
EZBEKÎYA	00	0	12	00	0	0	—	19.1	15	63	8	0
GÎZA	00	0	12	00	0	0	—	19.1	13	77	9	0
HELWÂN	00	0	15	02	0	0	—	19.4	16	49	5	0
FAIYÛM	00	0	35	01	0	0	—	19.9	15	59	7	0
MINYA	40	2	10	00	0	0	—	19.4	14	59	6	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI	00	0	7	00	0	0	—	16.2	18	49	7	0
QENA	320	2	7	02	1	2	Ci	18.8	17	52	7	0
LUXOR	270	6	12	00	0	0	—	17.7	16	45	4	0
ASWÂN	00	0	50	00	0	0	—	17.6	18	37	3	0
SÎWA												
BAHARÎYA	360	2	15	02	0	0	—	20.3	16	49	5	0
FARAFRA	320	3	35	01	1	0	—	21.3	15	30	-3	0
DAKHLA	320	6	50	00	0	0	—	20.3	17	26	-3	0
KHARGA	00	0	15	00	0	0	—	21.0	16	32	-1	0
SUEZ	320	5		00	1	0	—	19.0	15	77	11	0
TÛR												
HURGHÂDA	280	12	12	00	0	0	—	16.9	18	60	10	0
QUSEIR	330	9	15	02	0	0	—	17.9	18	60	10	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM	340	10	30	02	0	0	—	10.1	25	15	-4	0
KASSALA	20	8	30	02	0	0	—	8.7	26	35	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	11	10	02	0	0	—	10.7	23	20	-1	0
EL FÂSHER	50	10	10	02	0	0	—		24	18	-2	0
GENEINA	10	4	4	05	0	0	—		23	26	2	0
MALAKÂL	360	5	30	02	0	0	—	7.6	27	28	7	0
WÂU	340	2	7	05	0	1	—	6.7	29	25	7	0
JUBA	00	0	30	03	0	4	Ci	5.5	28	42	14	0

At 0600 on Wednesday 21st February,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	270	1	15	03	2	5	Ac	19.4		14	20		11		67	8	0	84	
SÎDI BARÂNI	240	4	14	00	0	3	Cu, Ci	18.6		12	21		8		67	6	0	98	
MATRÛH	290	8	13	03	2	5	Sc, Cu	19.2	+2.5	11	21		8		54	2	0	Rain	
EL DABÂ	270	5	15	00	0	0	—			10	21		7		62	3	0	49	
ALEXANDRIA	220	5	50	03	2	3	Ci	19.1	+2.0	14	19	0	12	+1	88	12	dr.	55	164
FOUAD (Airport)	230	9	18	03	0	4	Ac, Ci	19.0		12	19		8		88	10	dr.	54	128
DAMIETTA	220	2		11	0	0	—	19.5	+3.0	11	19		8		77	7	0	Rain	85
PORT SA'ÎD	250	13	14	02	0	0	—	18.4	+2.3	14	19		12		67	8	0	17	
EL 'ARISH	20	2	35	01	0	0	—	19.5	+2.2	16	20	0	10	+2	59	8	0	Rain	66
DAMANHÛR	270	5		02	0	0	—	19.8	+3.3	12	21	0	9	+1	77	8	0	29	77
MANSÛRA	320	5	35	00	0	0	—	19.8	+3.2	11	20	-1	7	-1	77	7	0	29	37
TANTA	00	0	35	02	0	0	—	20.2	+3.3	11	21	0	8	+1	63	4	0	22	30
ZAGAZIG	220	1	35	02	0	0	—	19.5	+2.4	11	20	-1	10	+3	77	7	0	16	20
ISMA'ÎLIA	180	2	35	01	0	0	—	20.0		14	20		10		67	8	0	17	
FAROUK (Airport)	200	16	18	00	0	0	—	20.1		13	20		11		67	7	0	6	
ALMÂZA	210	4	12	00	0	0	—	20.2	+2.9	12	20		11		77	8	0	11	
EZBEKÎYA	180	2	12	00	0	0	—	20.4	+3.1	13	21	-1	11	+2	67	7	0	8	17
GÎZA	180	2	12	00	0	0	—	20.3	+3.0	14	22	+1	8	+2	67	8	0	10	18
HELWÂN	00	0	7	00	0	0	—	20.7	+3.1	13	20	-1	10	+1	67	7	0	11	18
FAIYÛM	00	0	35	02	0	0	—	20.6	+3.5	11	23	0	7	-1	63	4	0	4	6
MINYA	00	0	8	00	0	0	—	20.4	+2.7	11	22		6		77	7	0	dr.	
ASYÛT MANQABÂD	00	0	6	10	0	0	—	21.1	+2.8	12			8		67	6	0	dr.	
NAG' HAMMÂDI											23								
QENA	320	2	15	00	0	0	—	19.2	+2.8	12	26	0	9	+1	63	5	0	0	
LUXOR	00	0	30	00	0	0	—	19.5	+2.5	13	24		11		44	1	0	0	
ASWÂN	00	0	50	00	0	0	—	19.3	+1.9	14	23	-3	10	-2	55	5	0	0	
SÎWA																			6
BAHARÎYA	00	0	35	02	0	0	—	21.1	+3.3	12	22	-1	6	-1	55	3	0	0	6
FARAFRA	00	0	35	02	0	0	—	22.0		9	22		3		47	-2	0	dr.	
DAKHLA	00	0	50	00	0	0	—	20.0	+1.7	9	22	-3	6	-1	47	-2	0	0	
KHARGA	360	1	35	00	0	0	—	20.3	+2.8	12	22	-3	6	-2	44	0	0	0	
SUEZ	00	0	50	00	0	0	—	19.5	+2.9	12	20	-1	8	-2	77	8	0	0.3	12
TÛR																			11
HURGHADA	250	10	30	03	0	1	Cu	18.1	+2.2	16	19		11		49	5	0	0	
QUSEIR	330	9	15	02	0	0	—	18.2	+2.6	17	23	0	15	0	60	9	0	dr.	4
PORT SÛDÂN																			93
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			2
KHARTÛM											31								4
KASSALA											36								8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											29								16
EL FÂSHER											31								6
GENEINA											32								4
MALAKÂL											35								88
WÂU											35								148
JUBA											37								155

HUMIDITY % Mean of day

STATION	on 20th	Diff. from normal
Alexandria	74	+9
Ezbekiya	64	+2
Giza	73	+7
Helwân	62	+12

GÎZA GRASS MINIMUM TEMP. ON 21st 5.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 20th At 15h

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	155	18	49	270	7
950					
900					
850	1516	6	81	290	20
800					
700	3098	0		300	24
600					
500	5711	-17		290	21
400	7338	-31		290	56
300	9312	-46		290	59

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 20th

STATION	Minya		Kharga		Asyut		Dakhla		Luxor		Fouad A.P.		Port said		Matruh		Farouk A.P.		Farouk		Fouad A.P.		Minya		Port Said	
TIME	14		14		14		14		14	30	14		14		14		15		20		20		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	10	6	340	10			170	32	10	4	290	18	240	13	300	17	270	9	270	9	250	10	70	3	260	11
600	330	7	350	13			170	34			300	18			280	11	280	8	240	11	260	13	340	8	240	14
1000	200	10	360	16					340	8	310	25	252	15	260	17	270	11	280	10	270	28	280	8	260	11
1500	320	18	40	14	360	13			340	17			290	9	280	17	290	20	280	6	290	30			250	10
2000	320	16			330	15											310	23								
3000	300	29			300	19											300	24								
4000	300	36			300	26																				
5000																	290	35								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
TIME					2		2				6 45		2										3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					280	13	220	20			160	3	290	5									230	19
600					280	22	250	22			220	6	350	9									250	14
1000					280	19	250	17			320	12	340	11									270	18
1500					300	20	280	21			300	13	300	15										
2000											300	20	300	18										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME																								
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

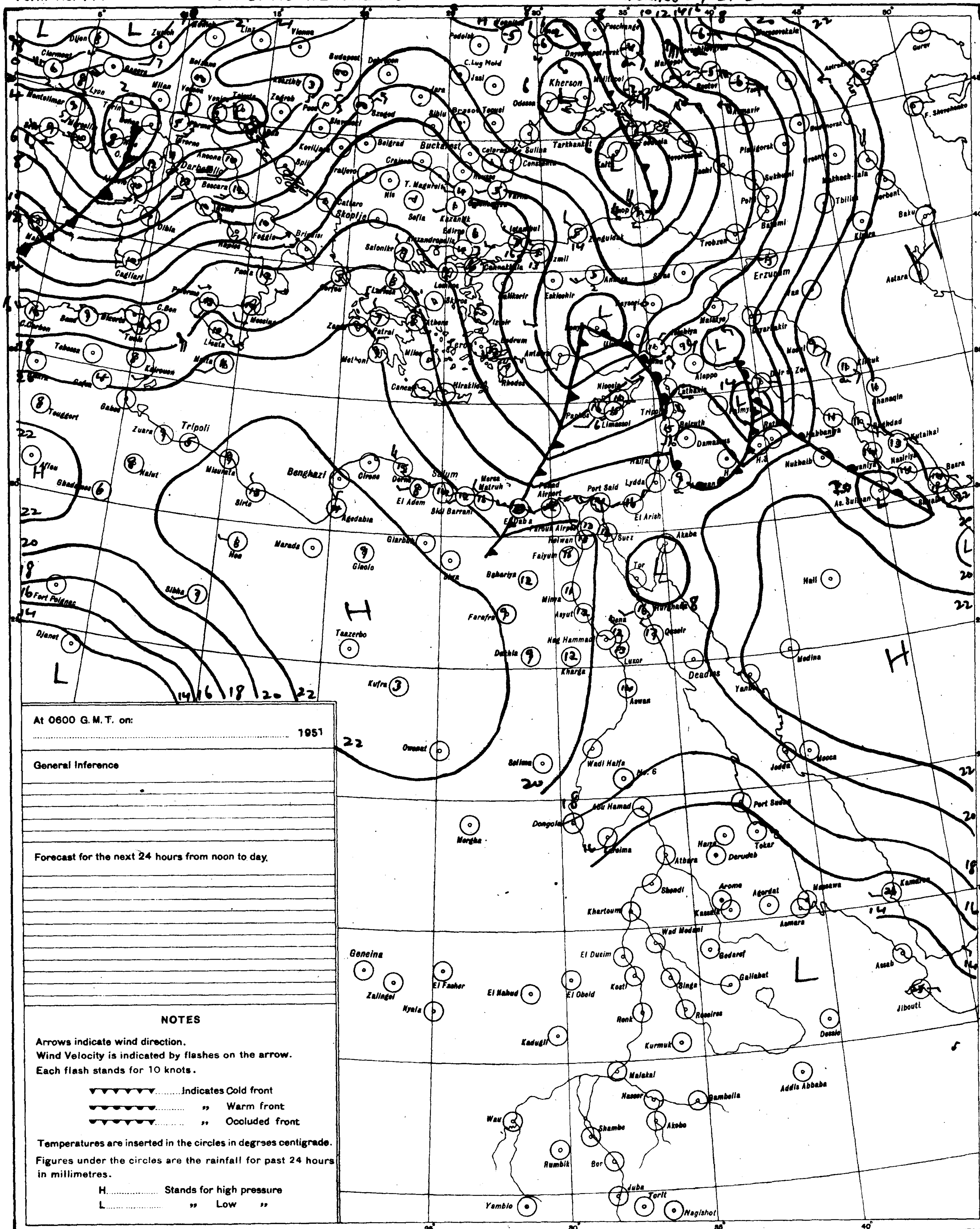
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 21-2-1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

............Indicates Cold front
.... „ Warm front
.... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- „ or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- „ „ hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
„ „ hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
„ „ hail 96
„ „ Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (vis less than 1000 m.) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th „ „ „ 2
3/8 „ „ „ „ 3
4/8 „ „ „ „ 4
5/8 „ „ „ „ 5
6/8 „ „ „ „ 6
7/8 „ „ „ „ 7
Sky completely covered 8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

M.A.H

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 30 G.M.T.

" " Sunset 15 48 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 22nd February, 1951

At 1200 on Wednesday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	360	1	35	01	0	0	—	19.5	13	72	8
	303	SÎDI BARÂNI	310	8	18	01	1	3	Cu	19.4	18	52	8
	306	MATRÛH	360	11	15	01	2	3	Sc	19.5	19	52	9
	309	EL DABA	320	7	35	02	2	4	Cu	19.2	18	60	10
		ALEXANDRIA	270	15	50	03	2	3	Ci	19.0	19	52	9
	318	FOUAD (Airport)	290	12	18	02	1	3	Ac, Ci	18.9	20	46	8
	330	DAMIETTA	270	5	35	03	1	3	Cu, Ac	18.6	20	46	8
	333	PORT SA'ID	340	5	30	02	0	2	Ci	18.3	18	73	13
	336	EL 'ARISH	220	2	15	03	0	1	Cc	18.2	19	73	14
LOWER EGYPT	339	DAMANHUR	310	5	15	02	1	3	Cc	19.5	21	33	4
	342	MANSURA	270	5	35	02	1	3	Cu	18.4	22	29	3
	348	TANTA	270	12	35	01	1	4	Cu, Sc	19.9	21	41	7
	354	ZAGAZIG	220	1	50	02	0	0	—	19.5	22	44	9
	440	ISMA'ILIA	290	2	35	03	1	5	Ac	19.1	23	33	5
CAIRO AREA	366	FAROUK (Airport)	250	6	30	03	0	2	Ci	19.4	21	28	1
	372	ALMÂZA	290	9	15	03	1	2	Ac	18.8	21	26	1
		EZBEKÎYA	220	2	18	02	1	2	Cu	19.1	22	29	3
		GÎZA	220	2	18	02	1	2	Cu	18.7	24	26	3
	378	HELWÂN	00	0	50	02	0	2	Ac	19.4	20	33	3
UPPER EGYPT	381	FAIYÛM	360	2	35	02	0	0	—	19.0	22	38	7
	387	MINYA	30	6	12	00	0	0	—	19.3	23	36	7
	393	ASYÛT MANQABÂD	360	8	18	00	0	0	—	18.6	23	38	8
	399	NAG' HAMMÂDI	360	1	7	00	0	0	—	17.4	25	42	11
	402	QENA	290	2	50	00	0	0	—	16.4	25	22	2
	405	LUXOR	360	2	30	00	0	0	—	16.7	25	22	2
	414	ASWÂN	330	4	50	00	0	0	—	16.6	24	30	5
OASES	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	0	0	—	19.8	22	29	3
	423	FARAFRA	00	0	35	02	0	0	—	21.1	23	32	5
	432	DAKHLA	340	8	50	00	0	0	—	19.6	23	24	1
	435	KHARGA	00	0	35	00	0	0	—	18.3	24	21	0
RED SEA	450	SUEZ	220	3	50	03	0	1	Sc	17.5	22	44	9
	459	TÛR	320	9	35	00	0	0	—	16.7	21	57	12
	462	HURGHADA	330	15	30	00	0	0	—	16.2	21	57	12
	465	QUSEIR	20	19	15	02	0	0	—	17.2	22	57	13
	641	PORT SÛDÂN	40	18	30	01	2	1	Cu	13.2	26	70	20
NORTH SÛDÂN	600	WÂDI HALFA	40	13	50	03	0	2	Ci	15.8	25	15	4
	640	ABU HAMAD	30	6	30	03	0	2	Ci		29	14	-1
	660	KAREIMA	50	10	30	02	0	0	—	13.0	28	14	-2
	680	'ATBARA	340	13	10	07	0	0	—	10.5	29	15	0
	721	KHARTUM	360	14	30	02	0	0	—	9.7	31	9	-5
	730	KASSALA	360	6	30	02	0	0	—	6.1	34	29	13
CENTRAL SÛDÂN	751	WÂD MEDANI	360	9	35	02	0	0	—	8.0	32	13	0
	801	RENK	310	4	35	02	0	0	—	7.8	33	19	6
	802	ROSEIRES	310	9	35	02	0	0	—	5.6	35	22	10
	771	EL OBEID	20	14	30	01	0	0	—	9.4	29	8	-8
	760	EL FÂSHER	50	8	30	02	0	0	—		28	8	-10
	770	GENEINA	50	5	30	02	0	0	—		30	13	-1
S. SÛDÂN	840	MALAKÂL	20	10	30	03	0	1	Cs	6.5	34	12	1
	880	WÂU	360	5	10	02	0	0	—	6.6	34	12	1
	941	JUBA	20	5	7	04	0	0	—	5.4	35	19	8

At 1800 on Wednesday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	340	5	15	00	0	0	—	21.5	15	59	7	0
SÎDI BARÂNI	320	6	12	00	0	0	—	21.4	14	59	6	0
MATRÛH	340	9	15	00	1	0	—	21.8	14	67	8	0
EL DABA	00	0	7	00	0	0	—	21.4	14	67	8	0
ALEXANDRIA	310	5	7	02	0	0	—	21.0	13	88	11	0
FOUAD (Airport)	290	6	12	01	1	3	Cu	21.3	16	68	10	0
DAMIETTA	270	2	7	00	0	0	—	20.2	16	77	12	0
PORT SA'ID												
EL 'ARISH	180	2	12	02	1	4	Ci	19.7	15	88	13	0
DAMANHUR				00	1	0	—	21.8	15	68	9	0
MANSURA	340	5										
TANTA	00	0	35	02	1	0	—	21.6	13	77	9	0
ZAGAZIG	330	1	35	02	0	0	—	20.6	14	77	10	0
ISMA'ILIA	20	2	35	03	1	4	Ac	20.4	16	77	12	0
FAROUK (Airport)	320	7	12	01	1	1	Ac	20.7	17	49	6	0
ALMÂZA	360	11	15	01	2	0	—	20.3	18	46	6	0
EZBEKÎYA	350	3	12	00	0	0	—	20.7	17	52	7	0
GÎZA	350	3	12	00	0	0	—	20.7	16	49	5	0
HELWÂN	320	3	7	01	1	2	Cc	20.6	18	28	-1	0
FAIYÛM	00	0	35	02	0	0	—	21.6	15	59	7	0
MINYA	00	0	10	00	0	0	—	20.1	16	45	4	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	20.4	17	49	6	0
NAG' HAMMÂDI	360	1	15	00	0	0	—	19.0	16	68	10	0
QENA	320	2	7	00	0	0	—	18.0	17	60	9	0
LUXOR	00	0	12	00	0	0	—	17.7	20	35	4	0
ASWÂN												
SÎWA												
BAHARÎYA	00	0	15	00	0	0	—	20.8	16	42	3	0
FARAFRA	360	2	35	02	0	0	—	21.4	17	34	1	0
DAKHLA	320	8	50	00	0	0	—	20.0	19	30	1	0
KHARGA	00	0	15	00	0	0	—	19.5	19	30	1	0
SUEZ	00	0	35	02	0	1	Sc	19.6	17	34	1	0
TÛR	340	9	15	00	0	0	—	17.9	21	31	3	0
HURGHADA	290	13	10	00	0	0	—	16.9	21	47	9	0
QUSEIR	360	9	15	02	0	0	—	17.9	20	46	8	0
PORT SÛDÂN	310	3	30	03	1	5	Cu, Ci	15.6	22	89	20	0
WÂDI HALFA												
ABU HAMAD	340	9	30	03	1	6	Ci		22	19	-3	0
KAREIMA	340	5	30	02	0	2	Ci	13.9	20	16	-7	0
'ATBARA	340	5	30	03	1	5	Ci	12.3	23	20	-1	0
KHARTUM	360	11	30	02	0	0	—	11.8	25	14	-5	0
KASSALA	20	4	30	02	0	0	—	8.6	25	36	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	4	30	02	0	0	—	12.0	22	31	4	0
EL FÂSHER	80	6	30	02	0	0	—		22	10	-11	0
GENEINA	360	5	30	02	0	0	—		24	21	0	0
MALAKÂL	360	3	30	03	0	8	Ac, Ci	7.9	29	19	3	0
WÂU	00	0	30	02	0	0	—	7.0	29	23	6	0
JUBA	00	0	10	05	0	0	—	6.0	28	40	13	0

At 0600 on Thursday 22nd February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	200	2	15	00	0	0	—	21.6		15	20		9		59	7	0	84	
SÎDI BARÂNI	200	2	14	00	0	0	—	21.6		9	19		5		88	7	0	98	
MATRÛH	220	8	15	02	0	0	—	22.1	+5.4	11	19		4		71	6	0	Rain	
EL DABA	00	0	15	00	0	0	—	21.6		10	18		6		76	6	0	49	
ALEXANDRIA	310	5	50	03	2	3	Cu	22.7	+5.7	18	22	+1	13	+2	49	7	0	55	165
FOUAD (Airport)	340	4	12	03	0	3	Sc, Ci	22.0		15	20		9		63	8	0	54	128
DAMIETTA	200	2	7	03	0	1	Cu	22.4	+6.0	11	21		8		88	9	0	Rain	86
PORT SA'ID	270	5	12	02	0	1	Sc	22.2	+6.1	14			12		82	11	0	17	
EL 'ARISH	220	2	35	01	0	1	Cu	21.8	+4.6	17	22	+2	10	+2	68	11	0	Rain	66
DAMANHUR	260	5		02	1	3	Ac	23.1	+6.6	11			8	0	88	9	0	29	78
MANSURA	270	5	35	00	0	0	—	23.0	+6.5	11	24	+3	6	-2	77	7	0	29	38
TANTA	00	0	35	02	0	0	—	22.7	+5.8	10	24	+2	5	-2	88	8	0	22	30
ZAGAZIG	00	0	15	47	4	0	—	23.0	+5.9	8	24	+3	5	-2	95	8	0	16	20
ISMA'ILIA	160	2	35	01	1	3	Cu	23.1		11	24		10		88	9	0	17	
FAROUK (Airport)	00	0	11	00	0	0	—	22.7		13	22		10		82	10	0	6	
ALMÂZA	00	0	12	00	0	0	—	22.1	+4.8	11	23		9		88	9	0	11	
EZBEKÎYA	00	0	3	10	4	0	—	22.4	+5.1	12	24	+2	10	+1	88	10	0	8	17
GÎZA	00	0	3	10	4	0	—	22.2	+4.9	10	25	+4	6	0	95	10	0	10	18
HELWÂN	00	0	7	00	0	0	—	23.0	+5.5	12	22	+1	11	+2	88	10	0	11	19
FAIYÛM	00	0	35	02	0	0	—	23.1	+6.1	13	25	+2	9	+1	77	9	0	4	6
MINYA	360	3	8	00	0	0	—	22.7	+5.1	10	23		6	-1	82	7	0	dr.	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	22.5	+4.2	12	23		9		67	6	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	20.8	+3.7	13	25		8		67	7	0	0.1	
QENA	320	2	15	00	0	0	—	20.8	+4.4	13	27	+1	10	+2	67	7	0	0	
LUXOR	00	0	30	00	0	0	—	19.4	+2.4	18	28		8		37	3	0	0	
ASWÂN	350	3	50	00	0	0	—	20.0	+2.7	16			13	+1	45	4	0	0	
SÎWA																			6
BAHARÎYA	00	0	35	02	0	0	—	23.1	+5.3	12	24	+1	5	-2	63	5	0	0	6
FARAFRA	00	0	35	02	0	0	—	22.9		11	24		5		41	-2	0	dr.	
DAKHLA	340	6	50	00	0	0	—	21.6	+3.4	9	24	-1	7	0	47	-2	0	0	
KHARGA	00	0	35	00	0	0	—	19.9	+2.5	15	25	0	10	+2	45	3	0	0	
SUEZ	360	9	50	00	0	0	—	21.9	+5.4	13	24	+2	8	-2	77	9	0	0.3	12
TÛR	310	5	35	00	0	0	—	19.4	+3.2	19	22	0	14	+4	30	1	0	4	11
HURGHADA	250	14	30	00	0	0	—	19.7	+3.9	17	22		12		56	8	0	0	
QUSEIR	360	9	15	02	0	0	—	18.7	+3.2	19	25	+2	17	+2	37	4	0	dr.	4
PORT SÛDÂN	340	15	30	01	0	1	Sc, Cu	17.0		23	27		17		69	17	0	156	93
WÂDI HALFA	350	5	50	02	0	1	Ci	19.5		13	28		11		44	1	0	dr.	
ABU HAMAD	360	9	30	02	0	0	—			17	30		14		26	-3	0		
KAREIMA	20	4	30	02	0	0	—			16	32		12		34	0	0	dr.	1
'ATBARA	20	9	30	02	0	0	—	15.5		18	29		15		32	1	0	0.3	2
KHARTUM	10	12	30	02	0	0	—	14.1		18	32		12		28	-1	0	dr.	4
KASSALA	180	3	30	02	0	0	—	11.5		22	34		17		61	14	0	3	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID											32								16
EL FÂSHER	320	3	30	03	0	1	Ci			11	30		6		24	-9	0	6	6
GENEINA											32								4
MALAKÂL											35								88
WÂU											36								148
JUBA											36								156

HUMIDITY % Mean of day

Station	on 21st	Diff. from normal
Alexandria	69	+4
Ezbekîya	53	-8
Gîza	53	-13
Helwân	45	-5

GÎZA GRASS MINIMUM TEMP. ON 22nd 3.2°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 21st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	164	20	28	300	7
950					
900					
850	1518	7	—	280	15
800					
700	3185	-1	40	290	34
600					
500	5778	-19		280	39
400	7399	-32	95	280	49
300	9373	-45		280	46

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st

Station	Fouad A.P.		Farouk A.P.		Kharga		Dakhla		Minya		Hurghada		Port Said		El Arish		S. Barrani		Farouk A.P.		Fouad A.P.		Minya		Port Said	
Time	14		15		14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	11	330	9	20	5	90	10	20	7	340	22	310	12	200	16	330	17	20	10	320	11	40	6	310	5
600	320	18	330	9	30	7	80	12	350	10	330	19	300	9	280	18	330	17	360	13	320	12	20	6	320	4
1000	310	26	300	10	30	9	80	15	330	11	320	22	200	9	280	18	320	13	330	9	300	15	350	6	320	4
1500	310	16	280	15	20	12	120	19	310	21	310	16	240	14	260	17	270	19	300	13	290	21	350	12		
2000	280	23	300	22					290	18	280	16	230	8	230	17	280	16	280	14			310	21		
3000	280	30	290	34											270	26			300	22						
4000	280	25																								
5000	240	28	280	39																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					2		3						2										3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					340	8	230	9					20	18									90	14
600					320	10	240	7					10	16									100	10
1000					320	10	230	5					350	15									170	8
1500							240	5					340	10									260	7
2000													330	23									270	9
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		5		4		4		4		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	13														
600									60	27	40	24	40	21	20	23	30	11					20	29
1000									90	24	50	27	40	29	30	41	40	18	50	36	10	11	30	423
1500									50	16	30	15	50	23	40	15	200	7	50	23	50	21	50	16
2000																	240	2	80	9				
3000									20	13	270	14	20	10	230	11	270	5	330	5	190	3	50	6
4000																	170	6	200	12				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

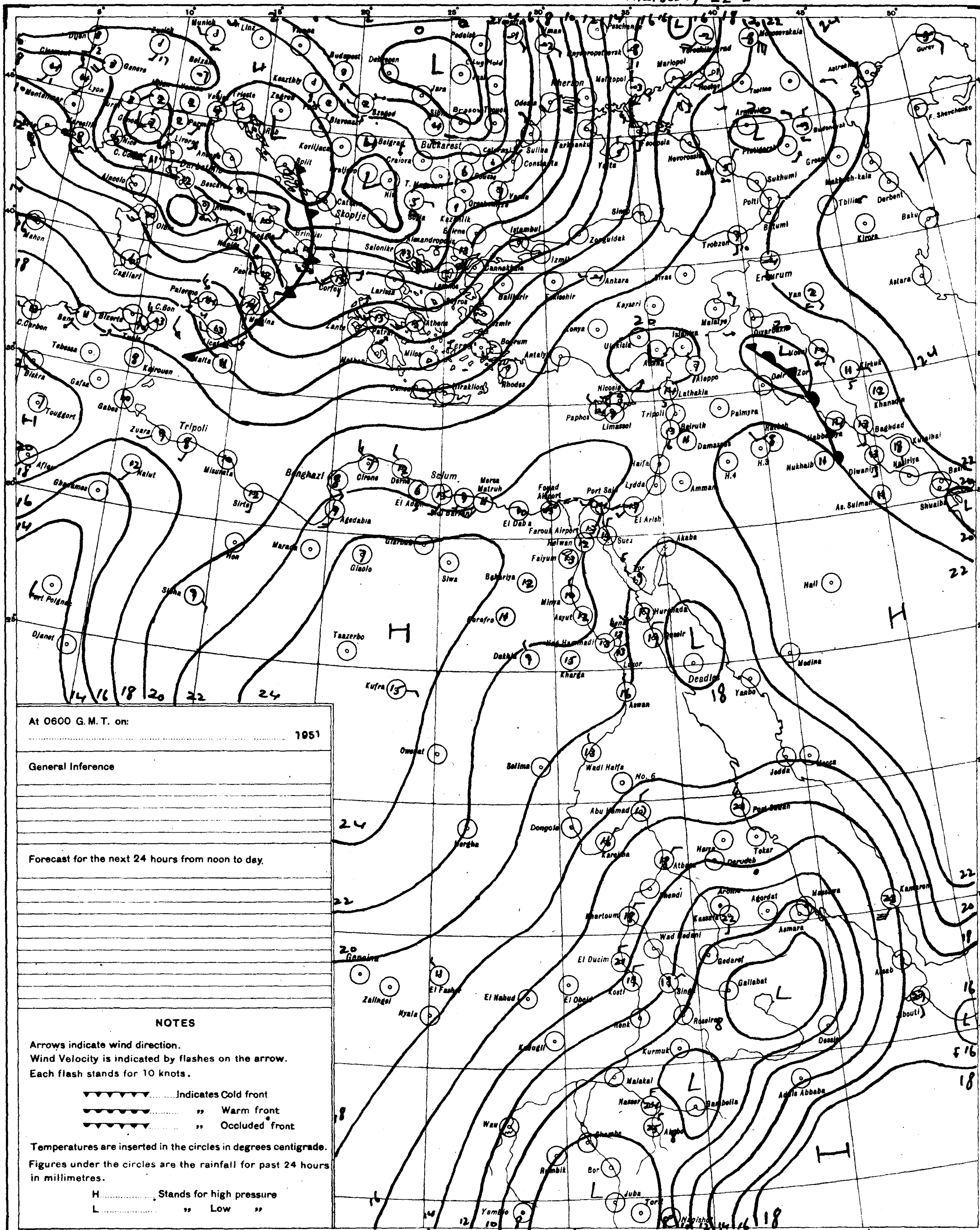
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday-22-2-1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	-○-
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
▲▲▲▲▲▲ .... ,, Warm front
▼▲▼▲▼▲ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 29 G. M. T.

" " Sunset 15 49 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 23rd February, 1951

At 1200 on Thursday 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	220	9	35	00	0	0	—	19.1	23	24	1
	303	SÎDI BARÂNI	360	6	15	02	0	0	—	20.4	18	56	9
	306	MATRÛH	60	8	15	00	0	0	—	21.1	19	46	7
	309	EL DABA	320	5	35	00	0	0	—	[illegible]	16	46	6
		ALEXANDRIA	320	10	50	01	2	1	Cu	22.0	18	52	8
	318	FOUAD (Airport)	320	10	18	01	1	1	Sc	22.1	18	56	9
	330	DAMIETTA	140	2	35	02	1	1	Cu	21.8	19	52	9
	333	PORT SA'ÎD	300	4	30	02	0	1	Sc	21.9	19	49	8
	336	EL 'ARISH	320	9	35	03	1	2	Cu	21.6	17	64	11
Lower Egypt	339	DAMANHUR	230	5	15	02	1	1	Cu	22.0	19	46	7
	342	MANSURA	320	5	35	00	0	0	—	22.3	20	46	8
	348	TANTA	00	0	35	02	0	0	—	21.9	21	50	10
	354	ZAGAZIG	00	0	50	02	0	0	—	21.9	19	52	9
	440	ISMA'ÎLIA	20	2	35	01	0	0	—	21.9	20	46	8
Cairo Area	366	FAROUK (Airport)	40	7	18	01	0	1	Cu	21.8	19	43	6
	372	ALMAZA	60	0	15	00	0	0	—	21.4	20	41	6
		EZBEKÎYA	310	4	18	00	0	0	—	21.6	20	46	8
		GÎZA	310	4	18	00	0	0	—	21.1	20	41	6
	378	HELWÂN	320	3	15	02	0	0	—	21.2	19	37	4
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	21.5	20	41	6
	387	MINYA	350	10	10	00	0	0	—	21.0	23	24	1
	393	ASYÛT MANQABÂD	350	6	18	00	0	0	—	20.1	23	32	5
	399	NAG' HAMMÂDI	320	5	35	00	0	0	—	17.6	26	35	9
	402	QENA	270	2	50	00	0	0	—	17.8	28	22	4
	405	LUXOR	340	7	30	00	0	0	—	17.6	26	16	-2
	414	ASWÂN	350	5	50	01	1	4	Ci	16.3	27	20	2
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	20.8	22	36	6
	423	FARAFRA	40	2	35	02	0	0	—	22.2	24	44	6
	432	DAKHLA	340	8	50	00	0	0	—	18.7	25	17	-2
	436	KHARGA	20	4	35	02	1	2	Ci	19.9	25	17	-2
Red Sea	450	SUEZ	360	4	50	02	0	1	Sc	19.6	20	33	3
	459	TÛR	310	13	35	00	3	0	—	18.2	21	50	10
	462	HURGHADA	320	16	30	00	0	0	—	17.5	21	50	10
	465	QUSEIR	360	19	15	02	0	0	—	18.3	23	36	7
	641	PORT SÛDÂN	20	16	30	01	1	2	Cu, Ci	14.7	26	74	21
North Sudan	600	WÂDI HALFA	360	17	50	03	0	2	Ci	15.1	28	14	-2
	640	ABU HAMAD	20	12	30	02	0	0	—		31	11	-3
	660	KAREIMA	20	9	30	02	0	0	—	12.3	30	17	2
	680	'ATBARA											
	721	KHARTÛM	30	13	50	02	0	0	—	9.4	31	9	-5
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	15	30	01	0	1	Ci	9.1	32	10	-3
	760	EL FÂSHER	80	10	30	02	0	0	—		29	8	-8
	770	GENEINA	20	10	30	02	0	0	—		30	11	-4
S. Sudan	840	MALAKÂL	40	10	30	01	0	7	Ac, Cs	5.4	36	8	-4
	880	WÂU	50	5	30	03	0	1	Ac, Ci	5.4	35	9	-3
	941	JUBA											

At 1800 on Thursday 22nd

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM	250	2	15	00	0	0	—	19.4	17	37	3	0
SÎDI BARÂNI	140	10	14	02	0	0	—	19.9	14	77	10	0
MATRÛH	60	8	13	00	0	0	—	21.2	12	77	8	0
EL DABA	00	0	7	00	0	0	—	20.1	12	77	8	0
ALEXANDRIA	220	8	35	00	0	0	—	22.8	14	77	8	0
FOUAD (Airport)	320	3	12	02	0	0	—	22.6	12	77	8	0
DAMIETTA	110	2	7	00	0	0	—	22.2	15	68	9	0
PORT SA'ÎD	60	3	18	00	0	0	—	21.7	16	68	10	0
EL 'ARISH	320	2	15	01	0	0	—	19.6	16	68	10	0
DAMANHUR	270	9	7	02	0	0	—	23.1	13	77	9	0
MANSURA	40	5		00	0	0	—	22.6	15	52	7	0
TANTA	00	0	35	02	0	0	—	22.8	14	77	10	0
ZAGAZIG	320	1	35	02	0	0	—	22.3	14	67	8	0
ISMA'ÎLIA	160	2	35	02	0	0	—	22.6	14	77	10	0
FAROUK (Airport)	340	4	12	00	0	0	—	22.2	16	59	8	0
ALMAZA	340	5	12	00	0	0	—	21.7	16	59	8	0
EZBEKÎYA	360	2	12	00	0	0	—	22.2	16	64	9	0
GÎZA	360	2	12	00	0	0	—	21.9	15	59	7	0
HELWÂN	340	2	15	02	0	0	—	22.2	16	49	5	0
FAIYÛM	00	0	35	02	0	0	—	21.2	15	59	7	0
MINYA	40	3	8	00	0	0	—	21.9	14	52	4	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	21.3	13	72	8	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	18.6	16	59	8	0
QENA	270	2	7	00	0	0	—	17.5	20	46	8	0
LUXOR	00	0	12	00	0	0	—	17.9	17	34	1	0
ASWÂN	00	0	50	00	0	0	—	17.6	24	21	0	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—		15	48	4	0
FARAFRA	130	4	35	02	0	0	—	22.2	16	42	3	0
DAKHLA	320	5	50	00	0	0	—	21.0	21	26	1	0
KHARGA	360	1	15	02	1	2	Ci	19.5	18	28	-1	0
SUEZ	310	4	50	01	0	0	—	21.0	16	42	3	0
TÛR	310	2	35	00	3	0	—	19.0	19	46	7	0
HURGHADA	290	14	10	00	0	0	—	17.5	20	60	12	0
QUSEIR	330	9	15	02	0	0	—	18.6	20	41	6	0
PORT SÛDÂN	340	10	30	02	0	1	Cu, Ci	15.3	23	83	20	0
WÂDI HALFA	360	9	50	02	1	3	Ci	16.4	22	25	1	0
ABU HAMAD	350	5	30	02	0	0	—		24	13	-7	0
KAREIMA	50	6	30	02	0	0	—	13.1	27	20	2	0
'ATBARA	340	5	30	02	0	0	—	11.6	23	26	2	0
KHARTÛM	360	8	50	02	0	0	—	10.6	26	17	-1	0
KASSALA	310	13	10	07	0	0	—	8.5	27	22	3	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	15	30	02	0	0	—	10.8	24	15	-5	0
EL FÂSHER	70	5	30	02	0	0	—		23	16	-4	0
GENEINA	20	3	30	02	0	0	—		24	15	-5	0
MALAKÂL	20	3	30	01	1	3	Ci	7.3	27	25	5	0
WÂU	20	1	30	03	1	8	Cs	6.5	29	25	7	0
JUBA	00	0	30	02	0	0	—	5.0	29	33	11	0

At 0600 on Friday 23rd February,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	270	9	15	00	0	0	—	19.8		14	24		11		36	-1	0	84	
SÎDI BARÂNI	200	4	14	00	0	0	—	19.9		12	22		9		59	4	0	98	
MATRÛH	250	15	15	00	0	0	—	20.4	+3.7	14	21		9		32	-3	0	Rain	
EL DABA	00	0	15	00	1	0	—	20.9		12	19		6		55	3	0	49	
ALEXANDRIA	130	10	35	00	0	0	—	21.6	+4.6	13	19	-1	10	-1	77	9	0	55	166
FOUAD (Airport)	200	7	18	02	0	0	—	21.5		12	20		8		88	10	0	54	129
DAMIETTA	160	2	7	02	0	0	—	22.0	+5.6	13	20		8		88	11	0	Rain	87
PORT SA'ÎD	180	6	18	02	0	0	—	21.7	+5.7	15	20		12		72	10	0	17	
EL 'ARISH	200	4	35	02	0	0	—	22.0	+4.8	14	20	0	9	0	67	8	0	Rain	67
DAMANHUR	270	5		02	0	0	—	23.1	+6.6	12	20	-1	9	+1	77	8	0	29	79
MANSURA	140	5	35	00	0	0	—	22.4	+5.9	12	22	+1	7	-1	77	8	0	29	38
TANTA	00	0	35	02	0	0	—	22.6	+5.7	11	21	-1	7	0	88	9	0	22	31
ZAGAZIG	140	1	3	43	4	0	—	22.9	+5.9	12	22	+1	7	0	77	8	0	16	20
ISMA'ÎLIA	180	2	35	02	0	0	—	22.7		14	22		9		77	10	0	17	
FAROUK (Airport)	110	6	12	00	0	0	—	22.1		14	20		10		63	7	0	6	
ALMAZA	140	8	12	00	0	0	—	21.9	+4.7	12	21		9		72	7	0	11	
EZBEKÎYA	00	0	12	00	0	0	—	22.6	+5.4	11	21	-1	8	-1	77	7	0	8	18
GÎZA	00	0	12	00	0	0	—	21.6	+4.4	11	21	0	4	-2	88	9	0	10	18
HELWÂN	20	3	7	00	0	0	—	21.9	+4.5	12	21	0	9	0	63	5	0	11	19
FAIYÛM	00	0	35	02	0	0	—	23.4	+6.4	11	22	-1	6	-2	77	7	0	4	
MINYA	340	3	8	00	0	0	—	22.9	+5.3	8	23		3		66	2	0	dr.	
ASYÛT MANQABÂD	290	2	8	01	0	0	—	22.1	+3.9	11	24		8		71	6	0	0	
NAG' HAMMÂDI	360	2	15	00	0	0	—	21.1	+4.0	13	27		8		67	7	0	0.1	
QENA	270	2	15	00	0	0	—	20.8	+4.5	14	30	+4	10	+1	55	5	0	0	
LUXOR	00	0	30	00	0	0	—	20.0	+3.1	14	28		10		36	-1	0	0	
ASWÂN	350	5	50	01	1	4	Cs	19.6	+2.4	15	29	+3	13	+1	39	1	0	0	
SÎWA																			6
BAHARÎYA	00	0	35	06	0	0	—	22.6	+4.9	14	24	+1	6	-1	55	5	0	0	6
FARAFRA	240	3	35	02	0	0	—	23.5		8	25		4		46	-3	0	dr.	
DAKHLA	00	0	50	00	0	0	—	22.4	+4.3	9	26	+1	7	0	47	-2	0	0	
KHARGA	00	0	15	00	0	0	—	21.4	+4.0	15	25	0	8	0	48	4	0	0	
SUEZ	360	3	50	00	0	0	—	21.5	+5.0	11	22	0	8	-2	77	7	0	0.3	12
TÛR	360	2	15	00	0	0	—	19.8	+3.6	13	24	+2	7	-3	51	3	0	4	11
HURGHADA	240	9	30	00	0	0	—	8.9	+3.1	15	21		10		36	0	0	0	
QUSEIR	330	9	15	02	0	0	—	18.7	+3.3	17	24	+1	15	0	42	4	0	dr.	4
PORT SÛDÂN	340	15	30	03	1	6	Sc, Ci	15.5		23	27		12		83	20	0	156	93
WÂDI HALFA	360	7	50	03	0	5	Cs	19.1		10	30		11		41	-3	0	dr.	
ABU HAMAD	10	5	50	02	1	4	Cs			19	33		16		26	-1	0		
KAREIMA	70	4	30	01	1	1	Ci	15.5		19	31		17		37	4	0	dr.	1
'ATBARA	360	5	30	02	1	4	Ci	14.4		19	33		15		37	4	0	0.3	2
KHARTÛM	360	11	30	03	0	7	Cs	13.0		20	33		15		26	0	0	dr.	4
KASSALA	30	11	30	02	0	0	—	10.2		22	37		18		69	16	0	3	8
WÂD MEDANI	50	9	35	02	0	0	—	11.5		20	35		13		43	7	0	46	12
RENK	360	13	35	02	0	1	Ci	12.2		23	35		15		27	3	0		49
ROSEIRES	310	5	35	02	0	0	—			21	37		17		35	5	0	0	36
EL OBEID	360	9	30	03	0	4	Ci	13.1		19	32		15		19	-5	0	7	16
EL FÂSHER	300	2	30	03	1	8	Cs			11	31		6		30	-6	0	6	6
GENEINA	30	7	30	03	0	3	Ci			17	32		13		30	-1	0		4
MALAKÂL	50	15	30	03	1	4	Ac, Ci	9.7		25	37		19		17	-2	0	70	88
WÂU	340	2	30	03	2	7	Ac	10.0		21	36		19		44	8	0	144	148
JUBA	180	2	10	04	1	8	Ac, Ci	10.1		25	37		19		45	12	0	194	156

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	55	-10
Ezbekiya	70	+9
Giza	71	+5
Helwân	63	+13

GIZA GRASS MINIMUM TEMP. ON 23rd 1.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	180	18	40	40	4
950					
900					
850	1543	9		350	6
800					
700	3135	3		300	10
600					
500	5783	-14		270	24
400	7436	-27		300	31
300	9438	-43		300	38

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Station	Dakhla		Port Said		Kharga		Hurghada		Asyut		Minya		Matruh		EL Arish		Farouk		S. Barrani		Farouk		Minya		Port Said	
Time	14		14		14		14		14		14		14		14	15	15		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	9	180	6	20	10	360	17	340	13	10	16	30	3	260	5	30	6	300	6	360	7	20	13	70	3
600			200	2	30	12	330	23	360	10	360	14	230	15			20	6	230	12	360	7	10	15	250	7
1000			330	4	30	12	310	19	360	11	350	16	280	10			10	6	230	11	10	5	350	17	240	7
1500			290	3			310	12	340	10	340	15	260	10	330	4	350	6			340	1	360	16	270	7
2000			310	10			360	8	300	3	340	13	270	15			320	8			300	2	60	7	300	9
3000			300	16					330	9			300	10			300	10			270	10	290	12	280	16
4000			290	20																						
5000			290	17													280	22								
6000																	270	27								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada			
Time			8		2		2		8				2 30		8		4 30							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			270	16	260	6	60	3	210	4			30	20	330	4	90	1						
600			280	11	290	8	60	1	210	3			280	28	350	18	350	4						
1000			280	15	310	10	310	16	270	3			330	28	360	22	10	5						
1500			290	13	290	17			250	4			360	17	20	15	10	10						
2000			280	17					270	6					20	15								
3000									280	11					350	8								
4000															280	4								
5000															260	4								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8		8				5		5				4				5		5	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			60	3	360	4	20	15																
600			40	3	330	6	20	23			30	19	30	28			40	13					20	29
1000			70	4	320	12	10	24			40	25	40	28			80	7			20	11	20	42
1500			360	21			10	16			40	10	60	33			130	2			60	25	40	15
2000			360	16													100	7			70	3		
3000			360	15							330	7	10	12			50	7						
4000																								
5000													260	13										
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

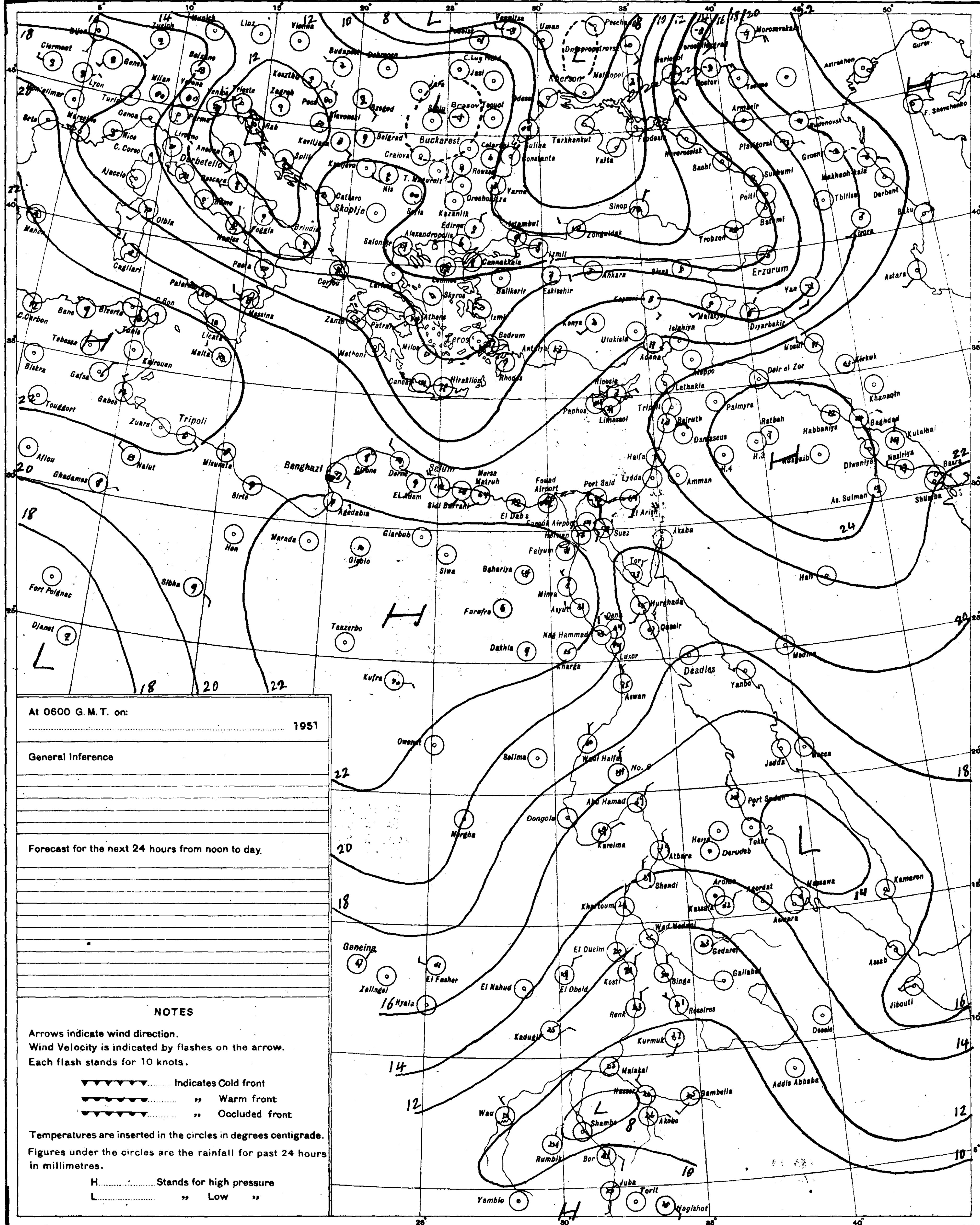
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557). (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRiDAy 23-2 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..........Stands for high pressure
L.......... ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze (*vis less than 1000 m.*) 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

CAIRO
Time of Sunrise 04 28 G. M. T.
" " Sunset 15 50 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 24th February, 1951

At 1200 on Friday 23rd / At 1800 on Friday 23rd

Area	Index Number	Station	1200 Wind Direction	1200 Wind Velocity in Knots	1200 Visibility in Kilometres	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs.	1200 Temperature °C.	1200 Humidity %	1200 Dew Point °C.	1800 Wind Direction	1800 Wind Velocity in Knots	1800 Visibility in Kilometres	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs.	1800 Temperature °C.	1800 Humidity %	1800 Dew Point °C.	1800 Rain Past 12 hrs mms.
Mediterranean	62300	SALÛM	270	9	35	00	0	0	—	18.8	25	22	2	320	5	15	00	0	0	—	20.0	18	52	8	0
	303	SÎDI BARÂNI	320	8	18	02	0	0	—	19.8	19	64	12	320	8	14	02	0	0	—	20.2	15	82	12	0
	306	MATRÛH	340	14	14	00	0	0	—	19.4	24	36	8	300	16	14	00	0	0	—	20.4	14	83	11	0
	309	EL DABʿA	320	7	35	00	0	0		19.2	23	24	1												
		ALEXANDRIA	270	9	50	00	0	0	—	19.1	20	46	8	00	0	35	00	0	0	—	20.0	17	60	9	0
	318	FOUAD (Airport)	270	11	18	02	0	0	—	19.8	22	36	6	300	1	12	02	0	0	—	19.9	14	82	11	0
	330	DAMIETTA	140	2	35	00	0	0	—	20.4	20	56	11	160	2	7	02	0	0	—	20.4	14	77	10	0
	333	PORT SAʿÎD	250	1	30	02	0	0	—	19.2	21	41	7	90	4	18	02	0	0	—	20.0	16	68	10	0
	336	EL ʿARISH	20	6	18	00	0	0	—	19.7	17	68	11												
Lower Egypt	339	DAMANHUR	270	9	15	02	0	0	—	20.8	20	46	8	230	5	7	02	0	0	—	20.7	16	59	8	0
	342	MANṢURA	320	5	35	00	0	0	—	20.6	23	38	8	40	5		00	0	0	—	20.4	17	60	9	0
	348	TANTA	270	5	35	01	1	0		21.0	23	38	8	00	0	35	02	0	0	—	21.0	14	67	8	0
	354	ZAGAZIG	220	1	50	02	0	0	—	19.9	22			00	0	35	02	0	0	—	20.3	16	68	10	0
	440	ISMAʿILIA	360	5	35	02	0	0	—	20.4	21	41	7	40	2	35	02	0	0	—	20.2	17	42	4	0
Cairo Area	366	FAROUK (Airport)	20	4	30	00	0	0	—	20.4	21	33	4	320	4	12	00	0	0	—	20.2	17	64	10	0
	372	ALMÂZA	30	9	30	00	0	0	—	20.3	21	33	4	70	4	12	00	0	0	—	20.1	18	49	7	0
		EZBEKIYA	40	4	18	00	0	0	—	20.0	22	41	8	00	0	12	00	0	0	—	20.2	16	68	10	0
		GÎZA	40	4	18	00	0	0	—	19.6	22	36	6	00	0	12	00	0	0	—	20.0	14	77	10	0
	378	HELWÂN	360	6	35	02	0	0	—	19.8	22	21	-1	360	3	7	02	0	0	—	20.3	17	52	7	0
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	19.7	22	44	9	00	0	35	02	0	0	—	19.8	16	49	5	0
	387	MINYA	350	12	10	00	0	0	—	19.7	24	24	2	10	4	8	00	0	0	—	19.6	14	59	6	0
	393	ASYÛT MANQABÂD	340	10	18	00	0	0	—	19.1	24	26	3	270	4	18	00	0	0	—	19.0	16?	59	8	0
	399	NAGʿ HAMMÂDI	360	1	50	00	0	0	—	18.2	23	26	2	320	2	15	00	0	0	—	18.0	14?	55	5	0
	402	QENA	220	2	50	00	0	0	—	17.1	27	20	2	240	2	7	00	0	0	—	18.7	18	46	6	0
	405	LUXOR	20	1	30	00	0	0	—	16.5	25			00	0	12	00	0	0	—	17.0	16	30	-1	0
	414	ASWÂN	350	4	50	00	0	0	—	15.9	26	25	4	00	0	50	00	0	0			23	24	1	0
Oases	417	SÎWA																							
	420	BAHARÎYA	360	4	35	02	0	0	—	20.2	23	26	8	360	2	15	02	0	0	—	20.8	17	42	4	0
	423	FARAFRA	340	6	35	02	0	0	—	21.6	23	32	5	360	3	15	02	0	0	—	21.3	17	34	1	0
	432	DAKHLA	340	11	50	00	0	0	—	19.5	24	21	0	320	8	50	00	0	0	—	21.0	21	20	-3	0
	435	KHARGA	360	6	15	00	0	0	—	18.5	24	21	0	360	1	15	00	0	0	—	19.4	19	16	-8	0
Red Sea	450	SUEZ	360	3	50	02	0	0	—	18.4	22	33	5	360	4	35	02	0	0	—	19.5	16	42	3	0
	459	TÔR												20	2	15	00	0	0	—	16.6	16	59	8	0
	462	HURGHÂDA	330	16	30	00	0	0	—	15.9	21	65	14	280	14	12	00	0	0	—	15.3	19	49	8	0
	465	QUSEIR	20	19	15	02	0	0	—	17.5	23	50	12	330	13	15	02	0	0	—	16.8	20	60	12	0
	641	PORT SÛDÂN	30	27	30	02	1	7	Cu, ac		26	79	22												
North Sûdân	600	WÂDI HALFA																							
	640	ABU HAMAD	30	8	30	02	1	2	Ci		31	9	-6												
	660	KAREIMA	20	11	30	02	0	0	—	11.3	32	9	-5												
	680	ʿATBARA	340	13	10	07	0	2	Ci	8.2	39	8	-1												
	721	KHARTÛM	10	16	30	01	2	2	Ci	8.2	32	10	-3												
	730	KASSALA	20	5	10	05	0	1	ac	4.2	36	27	14												
Central Sûdân	751	WÂD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID	30	12	30	02	2	4	Ci	7.4	31	11	-3	40	6	30	03	1	7	Cs	9.9	25	17	-2	0
	760	EL FÂSHER	30	13	30	02	1	6	Ci		30	5	-13	60	6	30	01	1	4	Ci		24	15	-5	0
	770	GENEINA	70	21	30	01		2	Cs					10	3	30	01	0	1	Cs		23	27	3	0
S. Sûdân	840	MALAKÂL	20	11	30	01	1	3	Ci	4.3	37	9	-1	20	7	30	01	1	4	Cs	5.8	29	20	4	0
	880	WÂU	360	9	30	02	0	0	—	5.7	36	12	2	20	1	30	02	0	0	—	6.0	30	24	7	0
	941	JUBA	30	2	30	01	1	0	—	3.0	35	18	7												

At 0600 on Saturday 24th February,

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
320	5	15	00	0	0	—	21.5		14	25		11		77	10	0	84		SALUM
360	3	14	00	0	0	—	21.5		15	22		10		77	11	0	98		SÎDI BARÂNI
300	4	15	02	1	4	Sc	21.4	+4.7		24		9		77	9	0	Rain		MATRÛH
																			EL DABʿA
360	10	50	03	1	4	Sc, Cu	20.7	+3.8	15	21	+1	13	+2	77	11	0	55	167	ALEXANDRIA
330	9	12	02	1	4	Sc	20.5		16	22		10		68	10	0	54	130	FOUAD (Airport)
250	2	7	11	0	0	—	20.7	+4.3	13	22		9		77	9	0	Rain	88	DAMIETTA
260	4	18	02	0	0	—	19.9	+4.0	16	22		13		64	9	0	17		PORT SAʿÎD
																		68	EL ʿARISH
310	5		02	1	2	Sc	21.2	+4.7	13	24	+3	9	+1	88	11	0	29	80	DAMANHÛR
320	5	35	00	0	0	—	20.6	+4.1	14	24	+3	10	+2	77	10	0	29	39	MANṢÛRA
00	0	35	02	0	0	—	21.4	+4.5	10	24	+2	7	0	88	8	0	22	31	TANTA
00	0	35	02	0	0	—	20.3	+3.3	9	24	+3	7	0	88	7	0	16	20	ZAGAZIG
270	2	35	01	0	0	—	20.4		15	23		10		48	4	0	17		ISMAÎLÎA
200	4	7	05	0	0	—	21.2		14	21		9		59	6	0	6		FAROUK (Airport)
230	2	12	00	0	0	—	20.3	+3.1	12	22		11		77	8	0	11		ALMÂZA
00	0	12	02	1	6	St	21.5	+4.3	13	23	+1	10	+1	77	9	0	8	18	EZBEKÎYA
00	0	12	02	1	6	St	21.0	+3.8	14	23	+1	7	0	67	8	0	10	18	GÎZA
340	6	7	02	0	0	—	21.0	+3.6	13	22	+1	11	+2	55	4	0	11	19	HELWÂN
00	0	35	02	0	0	—	21.1	+4.2	14	22	-1	8	0	55	5	0	4	6	FAIYÛM
360	5	8	00	0	0	—	20.8	+3.3	11	24		5		63	4	0	dr.		MINYA
280	6	8	01	0	0	—	20.4	+2.3	12	25		8		63	5	0	0		ASYÛṬ MANQABÂD
00	0	15	00	0	0	—	19.0	+2.0	13	24		8		55	4	0	0.1		NAGʿ HAMMÂDI
270	2	15	00	0	0	—	18.2	+1.9	12	28	+2	8	-1	55	3	0	0		QENA
00	0	30	00	0	0	—	17.9	+1.1	14	27		4		36	-1	0	0		LUXOR
350	3	50	00	0	0	—	17.6	+0.5	15	27	0	11	+1	39	1	0	0		ASWÂN
																		6	SÎWA
00	0	35	02	0	0	—	21.8	+4.1	16	25	+2	7	0	49	5	0	0	7	BAHARÎYA
220	3	35	03	0	0	—	22.2		10	25		5		50	0	0	dr.		FARAFRA
00	0	50	00	0	0	—	19.8	+1.7	12	25	0	8	+1	44	0	0	0		DAKHLA
00	0	15	00	0	0	—	19.5	+2.2	15	25	-1	8	0	48	4	0	0		KHARGA
00	0	50	00	0	0	—	19.5	+3.1	12	23	+1	7	-4	63	5	0	0.3	12	SUEZ
360	2	15	00	0	0	—	16.7	+0.6	16	21	-1	8	-2	49	5	0	4	11	TÔR
250	11	30	00	0	0	—	16.3	+0.5	17	21		13	+2	49	6	0	0		HURGHADA
360	13	15	02	0	0	—	16.8	+1.4	19	25	+1	16	+1	30	1	0	dr.	4	QUSEIR
340	15	30	01	1	7	Sc, ac	12.6		23	28		21		89	21	0	156	93	PORT SÛDÂN
360	2	50	02	1	7	Ci	17.9		21	29		9		20	-3	0	dr.		WÂDI HALFA
360	13	30	01	1	3	Ci			19	32		16		26	-11	0			ABU HAMAD
																		1	KAREIMA
360	9	30	02	2	7	Cs	12.8		20	32		17		19	-4	0	0.3	2	ʿATBARA
360	11	30	01	0		Ci	12.8		20	33		17		15	-8	0	dr.	4	KHARTÛM
20	7	30	01	1	2	ac, Ci	9.9		23	37				13	-7	0	3	8	KASSALA
00	0	35	02	0	0	—	11.5		22	36		12		20	-2	0	46	12	WÂD MEDANI
																		49	RENK
310	9	35	02	0	0	—	11.1		24	38		19		30	5	0	0	36	ROSEIRES
10	10	30	02	1	7	Cs			19	33		16		18	-6	0	7	16	EL OBEID
30	3	30	02	0	1	Ci			12	31		7		31	-5	0	6	6	EL FÂSHER
										32								4	GENEINA
20	15	30	03	1	6	ac	10.0		25	38		22		12	-7	0	70	88	MALAKÂL
20	2	30	02	1	4	—	9.5		21	37		18		35	5	0	144	149	WÂU
180	2	30	03	1	5	ac	10.8		25	38		20		22	11	0	194	157	JUBA

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	65	0
Ezbekîya	66	+5
Gîza	75	+9
Helwân	51	+1

GÎZA
GRASS MINIMUM TEMP.
ON 24th 3.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 23rd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	164	20	35	330	9
950					
900					
850	1527	9	20	340	7
800					
700	3109	1		280	17
600					
500	5732	-17		280	18
400	7366	-29		280	35
300					

.... AIRPORT — On .... At .... (blank; pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

.... AIRPORT — On .... At .... (blank; pressure levels 1000, 950, 900, 850, 800, 700, 600, 500, 400, 300)

UPPER WIND OBSERVATIONS on 23rd

Station	Port Said		Minya		Matruh		Kharga		Asyut		Dakhla		Foad A.P.		Farouk		Hurghada		Port Said		Minya		Farouk		Foad A.P.	
Time	14		14		14		14		14		14		14		15		14	15	20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	3	350	14	300	21	20	15	330	18	360	11	310	14	350	12	340	19	20	4	10	8	360	7	320	9
600	310	7	350	21	290	23	20	19	340	20	360	10	310	13	350	11	300	15	280	6	10	20	360	7	300	10
1000	310	9	360	16	270	20	30	20	360	18	360	14	310	9	340	10	290	19	310	2	350	27	10	5	300	11
1500	320	7	350	10	270	21			20	19			300	10	340	7	320	9			10	7	340	1	290	23
2000	290	7	350	18					10	19			280	19	330	10	40	6					290	2	290	26
3000	280	11							350	7			260	27	280	17	20	5					270	10		
4000	270	14																								
5000															280	17										
6000															280	25										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyûṭ Manqabâd		Luxor		Aswân		Hurghada			
Time					2		3				7		2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					320	15	210	10			320	8	30	12										
600					320	15	210	10			350	4	360	23										
1000							220	10			340	10	360	19										
1500											330	19												
2000											340	16												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		4		5		4				4		4	30				
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							10	14	20	14	350	8												
600							10	31	50	21	10	19	30	15			250	1						
1000							10	40	230	20	50	11	30	31			30	15	20	34				
1500									50	7	90	5	40	20			50	9	30	16				
2000									350	11	110	5							330	7				
3000													340	18			310	11	290	11				
4000																			220	7				
5000																	270	14						
6000																								
7000																								
8000																								

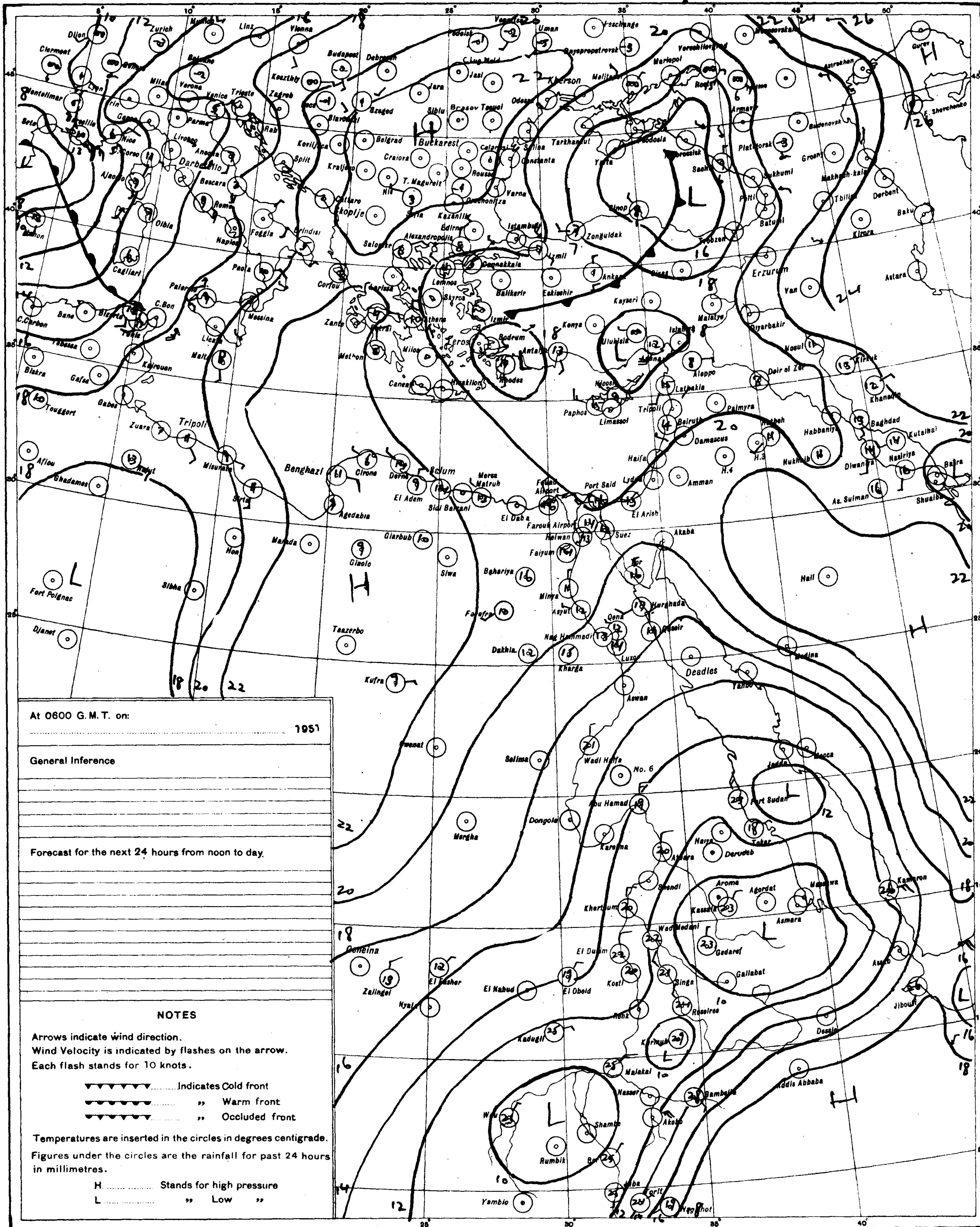
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 24-2-1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

- ....Indicates Cold front
- .... ,, Warm front
- .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H................ Stands for high pressure
L................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (v/s less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 27 G.M.T.

" " Sunset 15 51 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 25th February, 1951

At 1200 on Saturday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	300	25	35	00	0	1	—	21.1	18	60	10
	308	SÎDI BARÂNI	330	6	18	01	0	1	Cu	20.4	17	64	10
	306	MATRÛH	10	9	14	02	1	4	Cu	21.1	18	52	8
	309	EL DABA	320	7	35	01	1	3	Cu	21.2	18	52	8
		ALEXANDRIA	360	11	50	01	2	3	Cu	20.0	18	60	10
	318	FOUAD (Airport)	320	14	14	02	1	2	Sc	20.5	19	56	10
	330	DAMIETTA	320	5	35	03	1	2	Cu	20.0	18	60	10
	333	PORT SA'ÎD	360	11	30	03	1	1	Sc	19.4	18	73	13
	336	EL 'ARISH	320	9	35	02	0	0	—	19.2	18	60	10
Delta	339	DAMANHUR	310	9	15	02	1	1	Cu	20.7	20	46	8
	342	MANSURA	320	5	35	02	1	2	Cu	20.2	22	44	9
	348	TANTA	00	0	35	02	0	0	—	20.6	24	32	6
	354	ZAGAZIG	320	2	50	03	0	3	Cu	19.5	22	50	11
	440	ISMA'ILIA	20	5	35	03	1	3	Cu	18.8	23	44	10
Cairo	366	FAROUK (Airport)	310	10	18	00	2	0	—	19.4	21	53	11
	372	ALMAZA	360	9	15	02	1	1	Cu	19.2	20	56	11
		EZBEKIYA	00	0	18	00	0	0	—	19.2	21	53	11
		GIZA	00	0	18	00	0	0	—	18.7	21	50	10
	378	HELWÂN	340	8	15	02	0	0	—	18.8	21	50	10
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	18.6	22	44	9
	387	MINYA	10	15	8	00	0	0	—	18.1	24	32	6
	393	ASYÛT MANGABÂD	360	13	15	00	0	0	—	16.8	25	34	8
	399	NAG' HAMMADI	320	1	35	00	0	0	—	14.4	26	37	10
	402	QENA	320	2	50	00	0	0	—	14.2	28	22	4
	405	LUXOR	20	5	30	00	0	0	—	13.7	26	16	-2
	414	ASWÂN	330	3	50	01	1	3	Ci	13.5	27	13	-4
Oases	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	0	0	—	19.1	24	32	6
	423	FARAFRA	20	13	35	02	0	0	—	20.2	25	28	5
	132	DAKHLA	340	16	35	00	0	0	—	17.8	25	22	2
	435	KHARGA	20	8	35	00	0	0	—	17.2	25	22	2
Red Sea	450	SUEZ	360	5	50	02	0	0	—	17.4	22	36	6
	459	TÛR	310	19	35	03	0	0	—	13.5	22	53	13
	462	HURGHADA	330	17	30	00	0	0	—	14.1	23	50	12
	465	QUSEIR	360	13	15	02	0	0	—	14.3	25	42	11
	641	PORT SUDÂN	10	13	30	01	2	4	Cu, Ac	10.9	27	77	23
North Sudan	600	WÂDI HALFA	360	15	50	03	1	5	Cs	13.3	27	9	-8
	640	ABU HAMAD	360	4	30	03	1	6	Cs		30	16	1
	660	KAREIMA	20	6	30	03	1	6	Ci	10.1	31	8	-7
	680	'ATBARA	340	9	30	03	2	4	Ci	7.3	31	18	4
	721	KHARTÛM	10	10	30	01	0	2	Ci	7.7	31	9	-7
	780	KASSALA											
Central Sudan	751	WÂD MEDANI	360	9	35	02	2	8	Ci	6.0	32	21	7
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA	50	10	30	02	0	2	Ci		31	16	2
S. Sudan	840	MALAKÂL	20	11	30	01	1	6	Ac, Ci	4.8	35	8	-5
	880	WÂU	70	4	30	03	1	3	Ac	4.8	36	10	0
	941	JUBA	50	5	30	01	1	0	—	3.7	36	13	4

At 1800 on Saturday 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	20	5	15	00	0	0	—	21.5	16	68	10	0
SÎDI BARÂNI	350	7	14	02	0	0	—	21.7	14	77	10	0
MATRÛH	350	8	14	02	1	4	Sc	22.1	15	63	8	0
EL DABA	340	3	7	00	0	0	—	20.6	14	68	8	0
ALEXANDRIA	360	9	35	01	2	3	Sc, Ac	20.8	16	68	10	0
FOUAD (Airport)	350	6	12	01	1	1	Cu	20.8	15	77	11	0
DAMIETTA	320	5	7	02	0	1	Cu	19.9	16	68	10	0
PORT SA'ÎD	360	11	18	01	0	1	Sc	19.9	16	72	11	0
EL 'ARISH												
DAMANHUR	310	9	7	02	0	0	—	21.0	14	77	10	0
MANSURA	360	5		00	1	0	—	21.2	15	68	9	0
TANTA	00	0	35	02	0	0	—	20.8	14	77	10	0
ZAGAZIG	40	2	15	02	1	0	—	20.3	15	77	11	0
ISMA'ILIA	20	5	35	01	0	0	—	19.8	15	68	9	0
FAROUK (Airport)	20	12	12	00	0	0	—	20.4	16	68	10	0
ALMAZA	20	12	12	00	0	0	—	19.7	17	60	9	0
EZBEKIYA	360	8	12	00	0	0	—	20.0	16	68	10	0
GIZA	360	8	12	00	0	0	—	20.0	16	68	10	0
HELWÂN	340	13	7	02	0	0	—	19.6	17	60	9	0
FAIYÛM	00	0	35	02	0	0	—	19.9	16	59	8	0
MINYA	360	6	8	00	0	0	—	18.6	14	52	4	0
ASYÛT MANGABÂD	360	3	10	00	0	0	—	18.1	16	59	8	0
NAG' HAMMADI	360	1	15	00	0	0	—	16.4	17	60	7	0
QENA	320	2	7	00	0	0	—	14.8	20	41	6	0
LUXOR	00	0	12	00	0	0	—	13.8	21	31	3	0
ASWÂN	00	0	50	00	0	0	—	14.2	23	13	-7	0
SÎWA												
BAHARÎYA	360	3	15	02	0	0	—	20.0	18	46	6	0
FARAFRA	340	5	15	02	0	0	—	20.3	17	42	4	0
DAKHLA	320	5	50	00	0	0	—	18.0	21	20	-3	0
KHARGA	360	1	15	00	0	0	—	17.9	20	24	-1	0
SUEZ	360	9	35	02	0	0	—	19.0	17	68	11	0
TÛR	310	9	15	00	0	0	—		22	29	3	0
HURGHADA	290	16	12	00	0	0	—	15.9	21	57	12	0
QUSEIR	360	19	15	02	0	0	—	14.7	22	57	13	0
PORT SUDÂN	360	9	30	60	2	7	Sc	12.2	25	89	23	dr.
WÂDI HALFA	10	7	50	02	1	5	Cs	14.5	21	17	-5	0
ABU HAMAD	350	4	30	01	2	4	—		23	12	-8	0
KAREIMA												
'ATBARA												
KHARTÛM	300	29	30	02	1	2	Ci	9.0	27	9	-8	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	9	30	01	1	2	Ci	9.4	25	9	-11	0
EL FÂSHER	20	4	30	02	0	0	—		23	10	-11	0
GENEINA	50	6	18	03	0	0	—		23	24	1	0
MALAKÂL												
WÂU	20	4	30	01	0	1	Ac	5.9	30	21	5	0
JUBA	00	0	30	02	0	1	Ac	4.0	30	31	11	0

At 0600 on Sunday 25th February

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALÛM	250	2	15	00	0	0	—	22.0		16?	18		11		72	10	0	84	
SÎDI BARÂNI	190	3	14	00	0	0	—	22.1		10	18		7		76	6	0	98	
MATRÛH	270	4	15	02	1	5	Sc	22.5	+5.8	13	19		8		67	7	0	Rain	
EL DABA	360	4	15	01	1	0	—	22.4		16	18		11		68	10	0		
ALEXANDRIA	40	5	35	01	2	3	Cu	21.8	+4.9	16	20	0	15	+3	59	8	0	55	168
FOUAD (Airport)	360	8	12	02	2	3	Sc	21.2		16	20		12		64	9	0	54	130
DAMIETTA	320	2	7	03	1	3	Sc	21.1	+4.7	16	19	0	11	+2	68	10	0	Rain	89
PORT SA'ÎD	30	6	18	01	1	2	Sc	20.3	+4.4	17	19		15		56	8	0	17	
EL 'ARISH	320	5	35	03	2	7	Sc	19.8	+2.8	16			12	+3	68	10	0	Rain	68
DAMANHUR	40	5		02	0	0	—	21.5	+5.1	13	21	0	9	0	77	9	0	29	81
MANSURA	360	5	35	00	0	0	—	21.6	+5.1	14	22	+1	11	+3	72	9	0	29	39
TANTA	00	0	35	02	0	0	—	21.9	+5.0	13	24	+2	8	+1	77	9	0	22	31
ZAGAZIG	320	1	3	28	4	0	—	20.8	+3.8	12			8	+1	77	8	0	16	20
ISMA'ILIA	320	2	35	01	1	4	Cu	21.0		16	24		11		59	8	0	17	
FAROUK (Airport)	40	2	14	01	0	1	Sc	21.2		13	22		10		82	10	0	6	
ALMAZA	50	3	12	03	1	1	Ac	21.2	+4.1	13	22		10		77	9	0	11	
EZBEKIYA	320	2	12	00	0	0	—	21.5	+4.4	13	23	0	10	+1	82	10	0	8	18
GIZA	320	2	12	00	0	0	—	21.1	+3.9	12	22	0	6	-1	88	10	0	10	18
HELWÂN	360	4	7	00	0	0	—	21.4	+4.1	11	22	+1	10	0	88	9	0	11	19
FAIYÛM	00	0	35	02	0	0	—	21.4	+4.5	13	24	+1	9	+1	77	9	0	4	6
MINYA	350	8	8	03	1	2	Ci	21.1	+3.6	11	24		8		82	8	0	dr.	
ASYÛT MANGABÂD	310	5	5	10	0	0	—	20.0	+2.0	12	25		8		82	9	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	17.6	+0.6	15	27	+3	9	+3	68	9	0	0.1	
QENA	270	2	15	00	0	0	—	16.7	+0.5	14	30	+4	11	+2	55	5	0	0	
LUXOR	00	0	30	00	0	0	—	16.4	-0.4	15	29		11		42	2	0	0	
ASWÂN	00	0	50	00	0	0	—	16.3	-0.7	17	28	+1	12	0	42	4	0	0	
SÎWA																			6
BAHARÎYA	360	2	35	02	0	0	—	22.2	+4.6	13	25	+2	9	+2	67	7	0	0	7
FARAFRA	340	4	35	02	0	0	—	22.4		11	26		8		77	7	0	dr.	
DAKHLA	340	6	50	00	0	0	—	20.7	+2.7	14	25	0	11	+3	48	3	0	0	
KHARGA	360	2	7	00	0	0	—	19.1	+1.8	15	25	-1	13	+5	59	7	0	0	
SUEZ	360	4	50	00	0	0	—	20.0	+3.6	13	24	+2	9	-2	77	9	0	0.3	12
TÛR	310	5	15	00	0	0	—	15.2	-0.9	18	23	+1	16	+6	60	10	0	4	11
HURGHADA	300	20	30	00	0	0	—	15.7	0.0	18	23		13		60	10	0	0	
QUSEIR	330	19	15	02	0	0	—	15.4	0.0	19	27		17	+2	64	12	0	dr.	4
PORT SUDÂN											28								73
WÂDI HALFA	340	7	50	02	3	6	Cs	16.8		13	29		11		38	-1	0	dr.	
ABU HAMAD	360	10	30	03	1	7	Cs			19	32		15		12	-11	0		
KAREIMA	40	5	30	02	1	7	Cs	14.0		17	31		15		24	-4	0	dr.	1
'ATBARA																			2
KHARTÛM	10	15	30	01	0	1	Ci	11.4		20	33		16		18	-5	0	dr.	4
KASSALA	360	3	30	02	0	0	—	8.5		25	36		17		32	7	0	3	8
WÂD MEDANI	360	9	35	02	0	0	—	10.8		22	35		12		19	-3	0	46	12
RENK	360	13	35	02	1	2	Ci			23	35		16			0			49
ROSEIRES	310	5	35	02	0	0	—			21	37		18		44	8	0	0	36
EL OBEID	360	9	30	03	0	3	Ci	12.5		19	31		15		11	-12	0	7	16
EL FÂSHER	40	3	30	02	0	0	—			11	31		8		24	-9	0	6	6
GENEINA	50	9	30	02	0	0	—			16	33		15		19	-8	0		4
MALAKÂL	20	14	30	03	0	4	Ac, Ci	9.9		23	36		19		14	-6	0	70	88
WÂU											36								149
JUBA	00	0				3	Ac	8.9		29	38		19		29	9	0	194	157

HUMIDITY %

Mean of day

Station	on 24th	Diff. from normal
Alexandria	64	-1
Ezbeklya	64	+3
Giza	62	-4
Helwân	53	+4

GIZA

GRASS MINIMUM TEMP. ON 25th 3.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 24th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	20	49	350	9
950					
900					
850	1533	10	71	330	14
800					
700	3131	6	26	300	23
600					
500	5793	-12		290	23
400	7460	-24		270	32
300	9490	-39		290	24

AIRPORT On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 24th

Height m.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Dakhla Dir.	Dakhla Vel.							Farouk A.P. 20 Dir.	Farouk A.P. 20 Vel.	Fouad A.P. 20 Dir.	Fouad A.P. 20 Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
Time	14		14		14		14	15	14		14															
300	10	23	350	22	340	14	330	21	330	12	160	32							20	16	330	12	360	30	340	11
600	20	32	360	23	340	12	330	25	340	14	140	9							20	19	330	14	360	28	160	11
1000	30	33	360	23	320	14	340	17	320	11									10	17	350	11	360	29	160	11
1500					290	12	320	13											330	16	320	18	10	16		
2000					260	11	330	3											320	25						
3000					320	20																				
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh 8 Dir.	Matrûh 8 Vel.	Fouad Airport 2 Dir.	Fouad Airport 2 Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân 7 Dir.	Helwân 7 Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor 8 15 Dir.	Luxor 8 15 Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk 8 Dir.	Farouk 8 Vel.
300			50	4	10	9					10	8	10	22			300	4					30	10
600			60	7	10	9	110	16			30	16	360	33			340	21					20	16
1000			60	17	360	12	10	27			20	20	360	28			360	27					10	19
1500							10	19			330	23	320	17			350	17					360	20
2000											340	19					340	10					340	28
3000																							330	26
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga 8 Dir.	Kharga 8 Vel.	Wâdi Halfa 5 Dir.	Wâdi Halfa 5 Vel.	Abu Hamad 4 Dir.	Abu Hamad 4 Vel.	Kareima Dir.	Kareima Vel.	Khartûm 4 Dir.	Khartûm 4 Vel.	Kassala 4 Dir.	Kassala 4 Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
300							20	16	50	14	360	15												
600							20	23	50	15	360	13			10	29	30	17						
1000							10	29	50	18	360	15			20	31	30	15						
1500									50	15	10	12			20	12	20	20						
2000											90	5												
3000									40	23					280	15	210	15						
4000																								
5000																								
6000																								
7000																								
8000																								

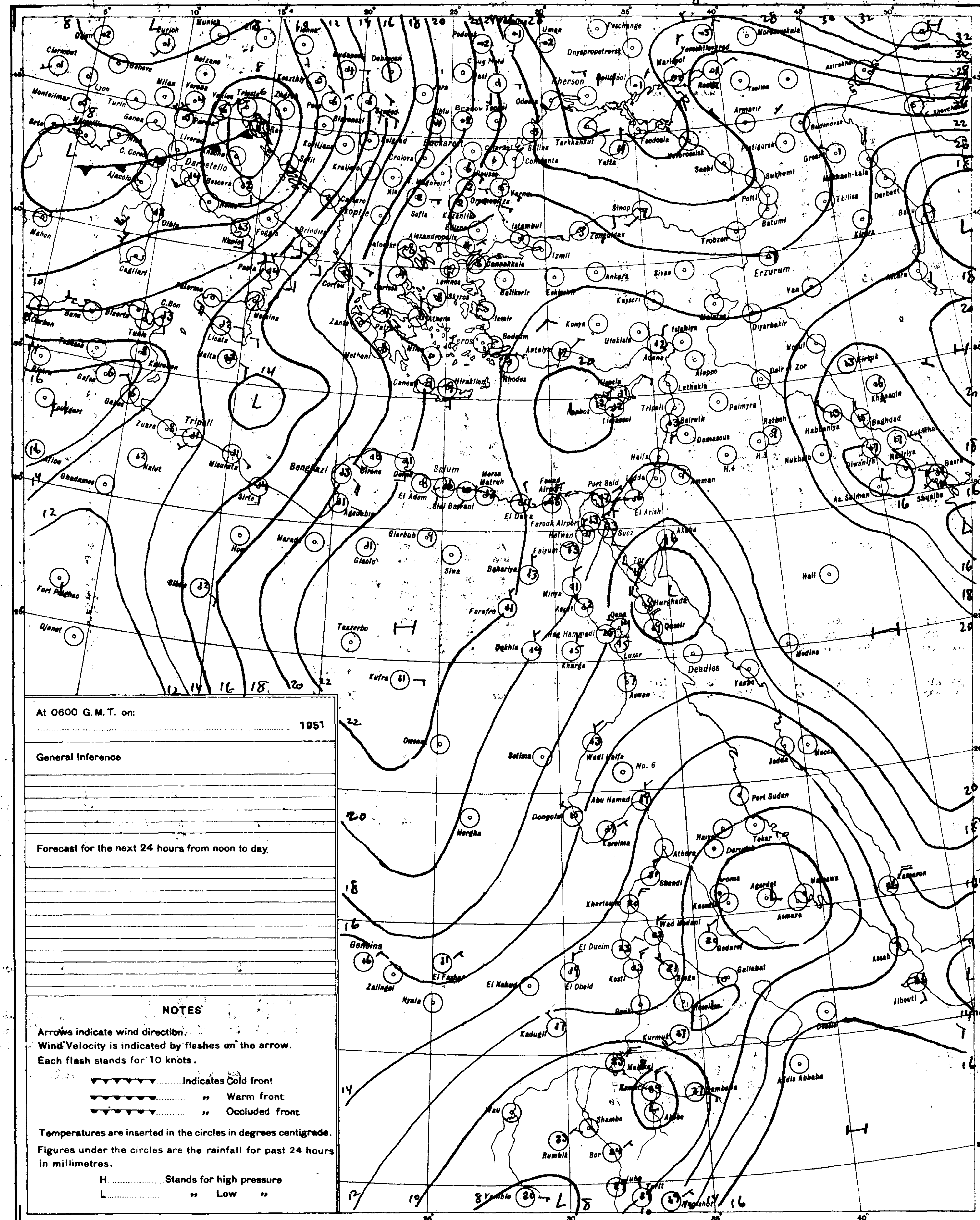
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 25/2/1951*



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.........Indicates Cold front
●●●●●●.......... „ Warm front
●▼●▼●▼.......... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	„ or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	„ „ hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
„ „ hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
„ „ hail		96
„ „ Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th „ „ „	2
3/8 „ „ „ „	3
4/8 „ „ „ „	4
5/8 „ „ „ „	5
6/8 „ „ „ „	6
7/8 „ „ „ „	7
Sky completely covered	8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 25 G. M. T.

" " Sunset 15 51 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 26th February, 1951

At 1200 on Sunday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	6	35	00	0	0	—	21.2	18	64	10
	303	SÎDI BARÂNI	20	5	18	02	0	0	—	21.5	17	64	10
	306	MATRÛH	30	6	15	00	1	0	—	21.8	17	56	8
	309	EL DABA	340	7	35	01	1	3	Cu	20.6	18	52	8
		ALEXANDRIA	360	11	50	02	2	3	Cu	20.8	16	68	10
	318	FOUAD (Airport)	360	13	18	01	1	3	Cu	20.8	19	56	10
	330	DAMIETTA	340	5	35	01	1	1	Cu	20.2	17	52	7
	333	PORT SA'ÎD	10	10	30	02	1	2	Cu	19.6	17	56	8
	336	EL 'ARISH	340	9	35	01	1	2	Cu	19.4	18	48	7
Lower Egypt	339	DAMANHUR	40	9	15	02	1	4	Cu	21.1	19	46	7
	342	MANSURA	360	9	35	03	2	5	Cu	20.4	20	41	6
	348	TANTA	360	8	35	03	2	5	Cu,Sc	20.7	21	33	4
	354	ZAGAZIG	40	1	15	03	2	5	Cu	20.0	20	46	8
	440	ISMA'ÎLIA	360	9	18	03	2	7	Sc	19.4	19	46	7
Cairo Area	366	FAROUK (Airport)	40	11	30	01	2	5	Cu	19.4	19	43	6
	372	ALMÂZA	20	22	15	02	2	5	Cu	18.9	20	41	6
		EZBEKÎYA	360	8	18	02	1	5	Cu	19.5	20	43	7
		GÎZA	360	8	18	02	1	5	Cu	19.1	20	41	6
	378	HELWÂN	360	16	35	02	1	2	Cu	18.7	20	33	3
Upper Egypt	381	FAIYÛM	20	8	35	02	0	0	—	18.3	21	33	4
	387	MINYA	20	16	10	00	1	0	—	18.2	21	50	10
	393	ASYÛT MANQABÂD	340	13	13	00	0	0	—	16.6	22	47	10
	399	NAG' HAMMÂDI	320	8	35	00	0	0	—	14.3	23	44	10
	402	QENA	320	2	50	00	0	0	—	13.6	30	16	1
	405	LUXOR	330	10	30	00	0	0	—	12.8	28	14	-2
	414	ASWÂN	20	6	50	00	0	0	—	13.2	28	17	0
Oases	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	0	0	—	19.6	21	41	7
	423	FARAFRA	20	15	35	03	0	0	—	20.0	24	32	6
	432	DAKHLA	340	16	50	00	0	0	—	17.2	24	15	-5
	435	KHARGA	360	8	7	00	0	0	—	16.0	24	21	0
Red Sea	450	SUEZ	360	8	50	01	0	1	Sc	18.0	20	33	3
	459	TÛR	310	19	15	07	0	0	—	14.0	21	31	3
	462	HURGHADA	320	25	30	00	0	0	—	12.5	20	73	15
	465	QUSEIR	360	19	15	02	0	0	—	12.6	23	61	15
	641	PORT SÛDÂN	30	14	30	02	2	8	Cu,Ac	10.0	26	74	21
North Sûdân	600	WÂDI HALFA	360	13	50	01	0	2	Ac	12.7	27	25	5
	640	ABU HAMAD	20	7	30	02	2	7	Cs		30	10	-5
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	10	10	30	02	0	1	Ci	6.9	33	11	-2
	730	KASSALA	340	5	30	02	0	1	Ci	3.7	35	12	1
Central Sûdân	751	WÂD MEDANI	360	9	35	02	0	0	—	5.4	34	12	1
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	10	8	30	02	0	1	Ci	6.3	31	9	-5
	760	EL FÂSHER	50	10	30	02	0	0	—		29	8	-9
	770	GENEINA											
S. Sûdân	840	MALAKÂL	200	10	30	02	2	8	Ci	4.3	35	12	1
	880	WÂU	20	5	30	02	0	2	Ac	4.3	36	10	-1
	941	JUBA	10	10	30	03	0	0	—	2.7	36	30	7

At 1800 on Sunday 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	90	5	15	00	0	0	—	21.5	16	68	10	0
SÎDI BARÂNI	90	2	14	02	0	0	—	21.4	13	82	10	0
MATRÛH	40	3	15	00	0	0	—	21.0	13	77	9	0
EL DABA	20	4	7	01	1	2	Cu	20.4	15	68	9	0
ALEXANDRIA	360	11	35	01	2	2	Cu	21.1	16	59	8	0
FOUAD (Airport)	30	8	12	01	0	3	Sc	21.3	14	77	10	0
DAMIETTA	20	5	7	02	1	2	Cu	20.7	15	68	9	0
PORT SA'ÎD	20	10	18	01	0	1	Cu	20.3	14	77	10	0
EL 'ARISH	320	2	15	02	0	2	Cu	18.8	16	68	10	0
DAMANHUR	40	9	7	02	1	2	Cu	21.6	15	72	10	0
MANSURA	40	5		00	1	0	—	21.2	14	67	8	0
TANTA	00	0	35	02	1	0	—	21.2	14	67	8	0
ZAGAZIG	320	2	35	02	1	0	—	20.3	14	77	10	0
ISMA'ÎLIA	360	5	35	01	0	0	—	20.0	15	59	7	0
FAROUK (Airport)	40	12	12	00	0	0	—	20.3	16	52	6	0
ALMÂZA	50	10	10	00	0	0	—	20.3	15	59	7	0
EZBEKÎYA	360	6	12	00	0	0	—	20.3	14	67	8	0
GÎZA	360	6	12	00	0	0	—	20.2	14	67	8	0
HELWÂN	360	10	15	01	1	0	—	20.3	15	48	4	0
FAIYÛM	00	0	35	02	0	0	—	19.0	16	59	8	0
MINYA	360	8	8	00	0	0	—	18.7	14	67	8	0
ASYÛT MANQABÂD	320	7	8	00	0	0	—	17.9	15	68	9	0
NAG' HAMMÂDI	360	1	15	00	0	0	—	15.1	16			0
QENA	320	2	7	00	0	0	—	14.1	20	33	3	0
LUXOR	250	3	12	00	0	0	—	13.7	18	43	5	0
ASWÂN	330	4	50	00	0	0	—	13.5	25	19	0	0
SÎWA												
BAHARÎYA	360	5	15	02	0	0	—	20.0	17			0
FARAFRA	360		15	02	0	0	—	20.2	16	42	3	0
DAKHLA	340	8	50	00	0	0	—	18.2	20	41	6	0
KHARGA	340	6	7	00	0	0	—	16.8	20	30	2	0
SUEZ	360	7	35	01	0	0	—	19.2	15	59	7	0
TÛR	010	13	7	07	3	0	—	12.6	20	17	-6	0
HURGHADA	290	25	10	00	0	0	—	12.9	20	60	12	0
QUSEIR	310	9	15	02	0	0	—	13.8	22	57	13	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Monday 26th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALÛM	290	2	15	00	0	0	—	21.2		14	18		9		67	8	0	84	
SÎDI BARÂNI											18								
MATRÛH	210	2	14	01	0	2	Sc	21.9	+5.2	11	18		5		63	4	0	Rain	
EL DABA	40	5	15	01	1	3	Cu	20.4		15	18		11		68	9	0	49	
ALEXANDRIA	40	11	50	03	2	6	Sc	21.6	+4.8	15	20	0	14	+2	68	9	0	55	169
FOUAD (Airport)	40	8	18	02	1	6	Sc	21.4		14	20		10		72	9	0	54	131
DAMIETTA	360	2	7	02	1	2	Cu	21.4	+5.0	16	18	-1	13	+4	68	10	0	Rain	90
PORT SA'ÎD	50	13	14	03	0	5	Sc	20.4	+4.6	16	19		16		68	10	0	17	
EL 'ARISH	140	2	35	01	1	1	Cu	19.8	+2.8	16	19	-1	11	+2	68	10	0	Rain	69
DAMANHUR	360	5	7	02	1	1	Cu	21.8	+5.4	13	20	-1	10	+1	77	9	0	29	82
MANSURA	40	5	35	02	1	2	Cu	21.4	+4.9	14	22	+1	11	+3	67	8	0	29	40
TANTA	310	2	35	02	0	0	—	21.6	+4.8	12	21	-1	7	0	77	8	0	22	32
ZAGAZIG	320	1	35	02	0	0	—	20.3	+3.0	10	21	0	8	+1	88	8	0	16	21
ISMA'ÎLIA	360	2	35	03	1	4	Sc	20.2		16	20		12		59	8	0	17	
FAROUK (Airport)	70	10	13	00	2	0	—	20.7		13	20		10		77	9	0	6	
ALMÂZA	60	8	12	00	1	0	—	20.4	+3.3	12	20		9		77	8	0	11	
EZBEKÎYA	350	3	12	00	0	0	—	20.6	+3.5	11	21	-2	9	0	82	8	0	8	18
GÎZA	350	3	12	00	0	0	—	20.3	+3.1	13	21	-1	6	-1	67	7	0	10	18
HELWÂN	20	8	7	00	0	0	—	19.9	+2.6	14	20	-1	12	+2	67	8	0	11	19
FAIYÛM	360	8	35	02	0	0	—	20.1	+3.2	12	22	-1	8	0	77	8	0	4	6
MINYA	360	13	8	00	0	0	—	18.8	+1.4	12	22		8		77	8	0	dr.	
ASYÛT MANQABÂD	340	6	6	10	0	0	—	18.3	+0.4	11	23		7		82	8	0	dr.	
NAG' HAMMÂDI	320	1	7	00	0	0	—	16.4	-0.5	12	24	0	7	+1	77	8	0	0.1	
QENA	290	2	15	00	0	0	—	15.5	-0.6	13	31	+4	10	+1	67	7	0	0	
LUXOR	130	5	30	00	0	0	—	15.0	-1.7	14	28		9		55	5	0	0	
ASWÂN	20	10	50	00	0	0	—	14.9	-2.0	15	29	+2	12	0	63	8	0	0	
SÎWA																			6
BAHARÎYA	360	4	35	02	0	0	—	21.2	+3.6	12	23	0	8	+1	77	8	0	0	7
FARAFRA	20	10	15	02	0	0	—	21.5		11	24		6		77	7	0	dr.	
DAKHLA	340	6	50	00	0	0	—	18.2	+0.3	12	25	-1	10	+2	55	3	0	0	
KHARGA	340	9	7	00	0	0	—	16.4	-0.8	15	25	-1	10	+1	48	4	0	0	
SUEZ	360	4	50	00	0	0	—	19.5	+3.1	15	21	-1	11	0	68	9	0	0.3	12
TÛR	20	2	15	00	0	0	—	14.3	-1.7	17	22	0	10	0	52	7	0	4	11
HURGHADA	280	13	30	00	0	0	—	13.7	-2.0	16	21		12		68	10	0	0	
QUSEIR	330	13	15	02	0	0	—	14.0	-1.3	18	23	-1	16	+1	52	8	0	dr.	4
PORT SÛDÂN																			93
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA																			2
KHARTÛM																			4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			36
EL OBEID																			16
EL FÂSHER																			6
GENEINA																			4
MALAKÂL																			88
WÂU																			149
JUBA																			158

HUMIDITY %

Mean of day

Station	on 25th	Diff. from normal
Alexandria	56	-9
Ezbekiya	69	+8
Gîza	70	+4
Helwân	63	+14

GÎZA

GRASS MINIMUM TEMP.

ON 26th 3.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ..... AIRPORT — On 25th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	159	18	49	360	13
850					
900					
850	1520	5	95	10	14
800					
700	3100	1		350	17
600					
500	5723	-16		320	26
400	7363	-29		320	57
300	9357	-45		310	52

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

Station	Port Said		Minya		Asyut		Matruh		Dakhla		Kharga		Luxor		Farouk		Fouad A.P.		Fouad A.P.		Farouk		Minya		Port Said	
Time	14		14		14		14		14		14		14		15		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	12	350	36	330	15	350	8	70	8	360	23	320	12	10	16	330	14	10	12	20	24	10	25	50	14
600	350	9	360	15	340	20	350	5	80	15	10	29	320	11	10	18	340	13	10	14	20	22	10	29	40	9
1000	350	12	350	22	360	19	360	17	60	22	20	28	340	18	10	17	340	15	10	18	20	21	360	35	50	9
1500	350	8	360	31	360	28	350	23					340	19	10	14			20	19	30	21	360	40	280	6
2000	10	11	350	31	360	30	340	23					290	7	360	20					10	23				
3000	350	16			340	15									350	17					10	19				
4000	340	17																								
5000															340	23										
6000															320	29										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					2		4				6	45	2				4						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					40	10	30	12			40	32	10	31			340	10					30	22
600					40	10	20	11			50	10	10	43			350	9					40	25
1000					30	10	50	20			50	32	10	33			10	7					40	23
1500							40	13			20	27	10	31			350	21					30	38
2000											20	26												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time																								
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

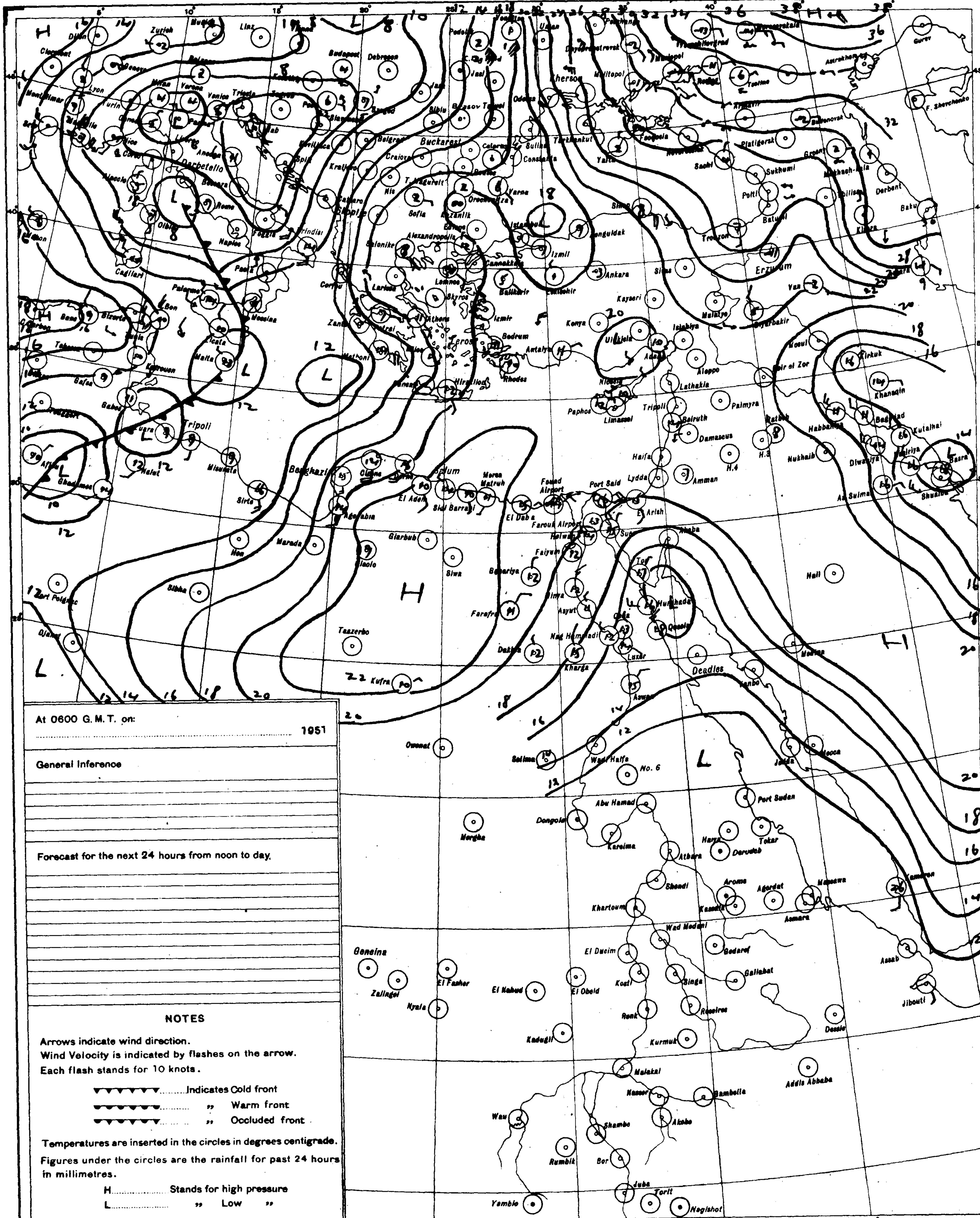
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday-26-2-1951



At 0600 G. M. T. on:	1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ......Indicates Cold front
●●●●●● ...... ,, Warm front
▼●▼●▼● ...... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Weather	Code
Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Weather	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(v/s less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Amount	Code
Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 24 G. M. T.

" " Sunset 15 52 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 27th February, 1951

At 1200 on Monday 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALÛM	110	5	35	00	0	0	—	19.1	21	41	7
	303	SÎDI BARÂNI	60	10	18	02	0	0	—	20.0	18	73	13
	306	MATRÛH	90	7			0	0	—	20.9	18	64	10
	309	EL DABʻA	40	7	35	00	0	0	—	21.2	17	60	9
		ALEXANDRIA	240	19	50	01	2	0	—	20.4	17	60	9
	318	FOUAD (Airport)	40	10	18	02	1	2	Sc	21.6	19	52	9
	330	DAMIETTA	20	5	35	03	1	4	Cu	20.2	18	60	10
	333	PORT SAʻÎD	40	12	30	02	0	1	Sc	19.4	20	60	12
	336	EL ʻARISH	360	11	18	03	1	4	Cu	18.5	18	83	15
Lower Egypt	339	DAMANHUR	330	9	15	02	1	1	Cu	20.6	21	50	10
	342	MANSURA	360	9	35	03	2	5	Cu	20.2	22	44	9
	348	TANTA	40	8	35	01	1	3	Cu, Sc	20.3	21	50	10
	354	ZAGAZIG	90	3	50	03	1	9	Ac	19.0	21	50	10
	440	ISMAʻILIA	20	9	35	03	1	5	Cu	18.6	21	41	7
Cairo Area	366	FAROUK (Airport)	50	16	30	01	2	2	Cu	18.6	20	53	10
	372	ALMÂZA	70	16	15	02	1	2	Cu	17.9	20	46	8
		EZBEKÎYA	360	13	18	00	0	0	—	18.3	21	44	8
		GÎZA	360	13	18	00	0	0	—	18.2	21	41	7
	378	HELWÂN	360	19	15	02	0	0	—	17.6	21	33	4
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	17.1	22	38	6
	387	MINYA	360	19	10	00	0	0	—	16.0	23	34	6
	393	ASYÛT MANQABÂD	330	10	14	00	0	0	—	14.3	24	38	9
	399	NAGʻ HAMMÂDI	360	1	15	00	0	0	—	13.5	24	61	16
	402	QENA	220	2	50	00	0	0	—	12.4	25	34	8
	405	LUXOR	330	4	30	00	0	0	—	12.1	24	34	7
	414	ASWÂN	330	9	50	00	0	0	—	12.2	24	26	3
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	18.6	22	44	9
	423	FARAFRA	40	11	35	02	0	0	—	18.8	23	38	8
	432	DAKHLA	340	11	50	00	0	0	—	16.0	22	29	3
	435	KHARGA	360	6	15	00	0	0	—	14.8	24	26	3
Red Sea	450	SUEZ	20	7	50	02	0	1	Sc	17.0	21	41	7
	459	TÔR	310	11	35	00	0	0	—	13.4	21	65	14
	462	HURGHADA	330	15	18	00	0	0	—	12.6	20	73	15
	465	QUSEIR	360	24	50	02	0	0	—	13.5	24	47	12
	641	PORT SÛDÂN	30	15	30	01	2	2	Cu, Ci	9.6	26	83	23
North Sûdân	600	WÂDI HALFA	360	16	50	02	0	1	Ci	11.5	26	16	-2
	640	ABU HAMAD	350	7	30	02	1	3	Ci		32	11	-2
	660	KAREIMA	20	9	30	03	1	6	Ci	8.2	32	9	-5
	680	ʻATBARA	20	9	10	07	0	2	—	5.9	32	13	0
	721	KHARTÛM	20	12	50	01	1	2	Ci	5.7	32	16	3
	730	KASSALA	360	2	30	02	0	2	—	2.2	35	22	10
Central Sûdân	751	WÂD MEDANI											
	801	RENK	310	13	35	02	0	0	—		36	15	6
	802	ROSEIRES											
	771	EL OBEID	40	13	30	02	0	0	—	4.9	31	8	-8
	760	EL FÂSHER	50	8	30	02	0	0	—		30	7	-9
	770	GENEINA	90	5	30	02	0	0	—		31	18	4
S. Sûdân	840	MALAKÂL	40	9	30	03	0	2	Ci	3.7	37	8	-2
	880	WÂU	340	5	30	02	0	0	—	0.2			
	941	JUBA	50	9	30	02	0	0	—	0.3	38	13	5

At 1800 on Monday 26th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms.
SALÛM	40	2	15	00	0	0	—	20.2	16	68	10	0
SÎDI BARÂNI	130	10	14	02	2	0	—	20.1	13	88	11	0
MATRÛH	120	2	14	00	0	0	—	21.0	12	77	8	0
EL DABʻA	70	6	7	00	0	0	—	20.4	14	77	10	0
ALEXANDRIA	40	10	35	00	0	0	—	20.7	16	59	8	0
FOUAD (Airport)	40	8	12	02	0	0	—	20.8	14	77	10	0
DAMIETTA	40	9	7	02	1	3	Cu	19.9	16	77	12	0
PORT SAʻÎD	40	13	18	01	0	0	—	19.6	16	68	10	0
EL ʻARISH	20	11	10	01	1	2	Cu	18.5	16	88	14	0
DAMANHUR	130	5	7	02	0	0	—	21.1	14	77	10	0
MANSURA	40	5		00	1	0	—	20.4	14	77	10	0
TANTA	00	0	35	02	1	0	—	19.8	13	77	9	0
ZAGAZIG	40	1	15	02	1	0	—	19.2	16	68	10	0
ISMAʻILIA	20	5	35	01	0	0	—	19.8	16	68	10	0
FAROUK (Airport)	40	10	12	00	0	0	—	19.5	16	68	10	0
ALMÂZA	60	13	12	00	0	0	—	19.2	16	59	8	0
EZBEKÎYA	360	12	12	00	0	0	—	19.4	15	68	9	0
GÎZA	360	12	12	00	0	0	—	19.5	16	59	8	0
HELWÂN	360	16	7	02	0	0	—	19.0	16	49	5	0
FAIYÛM	360	2	35	02	0	0	—	17.8	16	68	10	0
MINYA	350	15	8	00	0	0	—	16.8	16	56	7	0
ASYÛT MANQABÂD	270	17	8	00	0	0	—	15.6	16	68	10	0
NAGʻ HAMMÂDI	00	0	7	00	0	0	—	14.2	15	88	13	0
QENA	320	2	15	00	0	0	—	13.3	20	41	6	0
LUXOR	00	0	12	00	0	0	—	12.8	19	46	7	0
ASWÂN	00	0	50	00	0	0	—	12.5	22	21	-1	0
SÎWA												
BAHARÎYA	360	2	15	02	0	0	—	19.1	17	52	7	0
FARAFRA	340	4	35	02	0	0	—	19.0	16	42	3	0
DAKHLA	340	11	50	00	0	0	—	17.1	20	41	6	0
KHARGA	360	1	15	00	0	0	—	15.8	19	37	4	0
SUEZ												
TÔR			7	00	0	0	—	12.8	18			0
HURGHADA	310	16	12	00	0	0	—	13.0	20	69	14	0
QUSEIR	330	19	15	02	0	0	—	13.4	21	65	14	0
PORT SÛDÂN	340	5	30	02	2	1	Sc	20.6	27	62	19	0
WÂDI HALFA	340	15	50	02	2	0	—	12.5	20	21	-3	0
ABU HAMAD												
KAREIMA	70	10	30	00	0	0	—		26	27	5	0
ʻATBARA												
KHARTÛM	350	10	30	02	2	1	Ci	7.6	27	25	5	0
KASSALA	20	5	10	07	0	0	—	6.0	27	27	6	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	00	0	0	—	7.7	25	14	-5	0
EL FÂSHER	70	5	30	00	0	0	—		24	17	-3	0
GENEINA	20	5	30	00	0	0	—		25	17	0	0
MALAKÂL												
WÂU												
JUBA	350	5	30	02	2	1	Cc	1.9	31	26	9	0

At 0600 on Tuesday 27th February,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.	Station
SALÛM	200	13	15	01	0	0	—	17.8		16	22		11		42	3	0	84		SALUM
SÎDI BARÂNI	180	3	14	00	0	0	—	19.6		13	20		8		67	7	0	98		SÎDI BARÂNI
MATRÛH	220	6	15	03	0	3	Ci	19.5	+2.8	12	19		6		88	10	0	Rain		MATRÛH
EL DABʻA	00	0	7	01	1	2	Sc	19.6		13	18		7		77	9	0	49		EL DABʻA
ALEXANDRIA	40	4	35	04	1	3	Cu, Ci	19.8	+3.0	17	19	-1	13	+1	68	11	0	55	170	ALEXANDRIA
FOUAD (Airport)	40	6	15	03	0	3	Cu, Ci	19.2		15	20		9		77	11	0	54	131	FOUAD (Airport)
DAMIETTA	20	5	7	01	1	1	Sc	19.8	+3.5	16	18	-1	13	+4	77	12	0	Rain	91	DAMIETTA
PORT SAʻÎD	60	10	18	02	0	3	Sc	18.9	+3.1	17	20		16		68	11	0	17		PORT SAʻÎD
EL ʻARISH	160	2	35	01	1	1	Sc	18.8	+1.8	18	19	-1	12	+3	73	13	0	Rain	69	EL ʻARISH
DAMANHUR	180	9		02	0	0	—	20.2	+3.8	12	22	+1	10	+1	88	10	0	29	83	DAMANHÛR
MANSURA	40	5	35	00	0	0	—	19.8	+3.4	14	23	+2	10	+2	77	10	0	29	40	MANSÛRA
TANTA	00	0	35	02	0	0	—	20.2	+3.4	10	22	0	6	-1	88	8	0	22	32	TANTA
ZAGAZIG	40	2	35	02	0	0	—	19.0	+2.1	11	23	+1	6	-1	88	9	0	16	21	ZAGAZIG
ISMAʻILIA	20	2	35	02	0	0	—	19.4		15	21		11		77	11	0	17		ISMAÎLIA
FAROUK (Airport)	70	9	14	00	0	0	—	18.9		13	21		10		82	10	0	6		FAROUK (Airport)
ALMÂZA	50	4	12	00	0	0	—	18.5	+1.4	12	21		10		88	10	0	11		ALMÂZA
EZBEKÎYA	90	12	12	00	0	0	—	18.2	+1.1	11	22	-1	9	0	88	9	0	8	18	EZBEKÎYA
GÎZA	90	12	12	00	0	0	—	18.4	+1.3	13	22	0	7	0	72	8	0	10	18	GÎZA
HELWÂN	20	24	15	00	0	0	—	17.2	0.0	14	21	0	13	+3	77	10	0	11	19	HELWÂN
FAIYÛM	360	8	35	02	0	0	—	17.7	+0.9	14	23	0	10	+2	77	10	0	4	6	FAIYÛM
MINYA	10	14	8	00	0	0	—	16.4	-1.0	12	24		9		77	8	0	dr.		MINYA
ASYÛT MANQABÂD	290	5	5	10	0	0	—	16.6	-1.2	11	26		7		82	8	0	dr.		ASYÛT MANQABÂD
NAGʻ HAMMÂDI	360	2	15	00	0	0	—	15.4	-1.4	12	24	0	8	+1	77	8	0	0.1		NAGʻ HAMMÂDI
QENA											27	0								QENA
LUXOR	00	0	30	00	0	0	—	14.0	-2.6	12	26		11		67	6	0	0		LUXOR
ASWÂN	350	3	50	00	0	0	—	14.2	-2.6	17	26	-1	12	0	42	4	0	0		ASWÂN
SÎWA																			6	SÎWA
BAHARÎYA	360	2	35	02	0	0	—	19.1	+1.6	13			9	+2	67	7	0	0	7	BAHARÎYA
FARAFRA	20	10	35	02	0	0	—	19.6		12	24		7		63	5	0	dr.		FARÂFRA
DAKHLA	340	16	50	00	0	0	—	17.6	-0.4	12	24	-2	11	+3	77	8	0	0		DAKHLA
KHARGA	360	2	15	00	0	0	—	15.0	-2.1	14	24	-2	10	+1	67	8	0	0		KHARGA
SUEZ	310	5	50	00	0	0	—	17.5	+1.2	15			11	0	77	11	0	0.3	12	SUEZ
TÔR	20	2	35	00	0	0	—	13.8	-2.2	15	22	0	11	+1	68	9	0	4	11	TÔR
HURGHADA											21									HURGHADA
QUSEIR	330	13	15	02	0	0	—	13.1	-2.2	19	26	+2	17	+2	64	12	0	0	4	QUSEIR
PORT SÛDÂN	310	10	30	01	2	6	Sc	11.5		23	28		19		69	19	0	156	93	PORT SÛDÂN
WÂDI HALFA	360	3	50	02	0	0	—	13.1		23	28		10		26	2	0	dr.		WÂDI HALFA
ABU HAMAD	360	6	30	02	0	0	—			19	32		15		17	-7	0			ABU HAMAD
KAREIMA	50	4	30	02	0	0	—	12.2		17	32		13		28	-2	0	dr.	1	KAREIMA
ʻATBARA	360	9	30	02	0	0	—	10.0		19	33				28	0	0	0.3	2	ʻATBARA
KHARTÛM	350	9	35	02	0	0	—	10.1		20	34		16		24	-1	0	dr.	4	KHARTÛM
KASSALA																			8	KASSALA
WÂD MEDANI																			12	WÂD MEDANI
RENK	360	13	35	02	0	1	Ci			25	36		17		34	8	0		49	RENK
ROSEIRES	310	5	35	02	0	0	—			21	38		17		35	5	0	.0	36	ROSEIRES
EL OBEID	350	13	02	1	1	5	Ci	11.0		19	33		15		17	-7	0	7	16	EL OBEID
EL FÂSHER																			6	EL FÂSHER
GENEINA		9	30	03	0	1	Cs			17	33		12		24	-4	0		4	GENEINA
MALAKÂL	20	14	30	03	2	8	Ac, Ci	7.2		26	38		19		17	-1	0	70	88	MALAKÂL
WÂU																			149	WÂU
JUBA	180	2	10	04	2	6	Ac	8.2		27	39		20		33	9	0	194	159	JUBA

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	62	-3
Ezbekiya	68	+7
Giza	59	-7
Helwân	55	+6

GÎZA GRASS MINIMUM TEMP. ON 27th 5.3°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ...... AIRPORT — On ...... At ......; ...... AIRPORT — On ...... At ......; ...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 26th

Station	Minya		Asyut		El Arish		Hurghada		Pt Said		Kharga		Dakhla												Fouad A.P.	
Time	14		14		14		14	15	14		14		14												20	15
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	27	360	20	190	17	320	26	20	16	360	16	50	24											40	9
600	10	25	360	22	20	11	310	16	20	16	360	22	40	27											60	10
1000	20	26	360	23	20	12	310	8	60	25	360	30	50	25											60	15
1500	30	25	20	10	80	9	340	21	30	16															40	16
2000			30	26	40	4	330	10	20	15																
3000			360	21			350	5	30	14																
4000			10	13					30	12																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time							4				7		3				8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							50	13			40	17	10	15			220	1					50	31
600							60	12			50	17	10	23			40	4					60	30
1000							60	14			50	12	30	34			40	2					60	19
1500							60	17			40	26	20	32			70	8						
2000							80	21			30	25												
3000							90	35																
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									5		5								4	30			4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	9														
600									50	14	40	17											10	30
1000									40	13	60	14							20	27			20	35
1500									30	13	80	11							70	15			20	21
2000																			330	19				
3000									350	15	330	7							270	17			340	1
4000																								
5000																								
6000																								
7000																								
8000																								

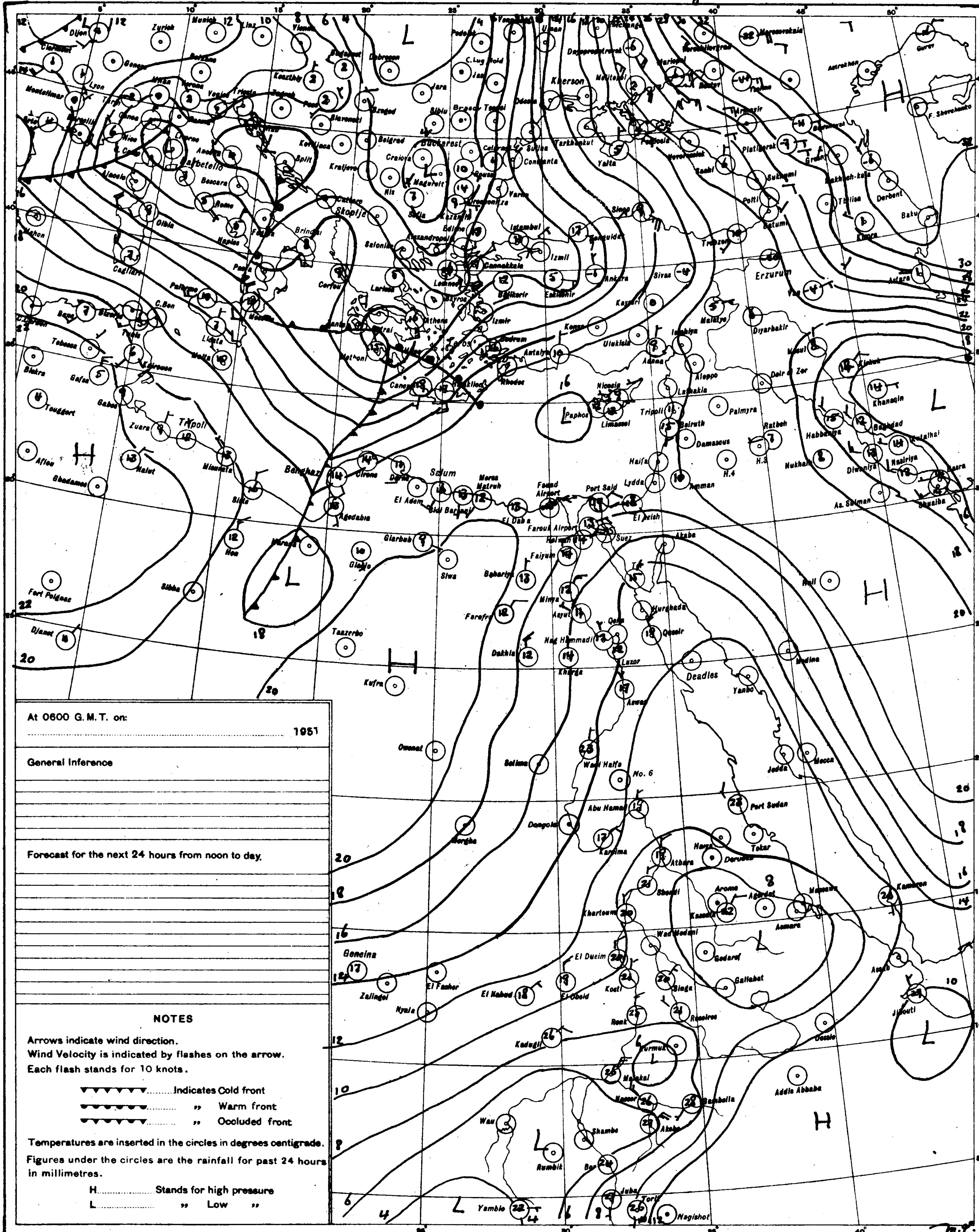
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Tuesday 27/2/1951*



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... „ Warm front
▼●▼●▼●▼.......... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	-○-
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	R]•
Hail	the past hour	93	R]△
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 23 G.M.T.

" " Sunset 15 53 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 28th February, 1951

At 1200 on Tuesday 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	220	9	35	00	0	0	—	15.8	28	16	0
	303	SÎDI BARÂNI	210	6	12	02	0	0	—	15.6	27	27	6
	306	MATRÛH	230	11	12	00	0	0	—	16.7	22	47	10
	309	EL DABÂ	70	7	35	00	0	0	—	17.6	18	64	11
		ALEXANDRIA	40	16	50	02	2	2	Cu	17.6	18	60	10
	318	FOUAD (Airport)	40	12	18	01	0	0	—	17.6	20	56	11
	330	DAMIETTA	90	5	35	02	1	1	ac	17.6	18	60	10
	333	PORT SA'ÎD	40	11	30	02	0	1	Ci	16.6	19	64	12
	336	EL 'ARISH	340	9	10	03	1	2	—	16.2	19	83	16
Nile Delta	339	DAMANHÛR											
	342	MANSÛRA	40	5	35	00	0	0	—	17.2	22	50	11
	348	TANTA	40	5	35	02	0	0	—	17.6	23	44	10
	354	ZAGAZIG	40	3	50	02	0	0	—	16.4	22	50	11
	440	ISMAÎLÎA	40	9	35	02	0	0	—	16.3	21	50	10
Nile Valley	366	FAROUK (Airport)	40	17	30	00	0	0	—	15.9	22	50	11
	372	ALMÂZA	70	16	15	00	0	0	—	15.2	22	44	9
		EZBEKÎYA	90	12	18	00	0	0	—	15.2	23	41	9
		GÎZA	90	12	18	00	0	0	—	15.5	23	38	8
	378	HELWÂN	20	16	35	01	0	0	—	14.6	22	36	6
	381	FAIYÛM	360	8	35	02	0	0	—	14.7	23	47	10
	387	MINYA	10	13	10	00	1	0	—	13.4	24	41	10
	393	ASYÛT MANQABÂD	350	5	15	00	0	0	—	12.3	23	50	12
	399	NAG' HAMMÂDI	320	1	15	00	0	0	—	11.4	25	54	15
	402	QENA	130	2	50	00	0	0	—	10.7	27	27	6
	405	LUXOR	300	4	30	00	0	0	—	10.4	27	33	9
	414	ASWÂN	330	4	50	00	0	0	—	9.1	28	12	-4
Libyan Desert	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	15.1	25	28	5
	423	FARAFRA	20	11	35	02	0	0	—	16.0	25	34	8
	432	DAKHLA	340	11	50	00	0	0	—	14.3	23	24	1
	435	KHARGA	40	2	35	00	0	0	—	12.3	25	22	2
Red Sea	450	SUEZ	310	6	50	01	0	0	—	14.2	23	44	10
	459	TÛR	310	9	35	00	0	0	—	11.4	22	57	13
	462	HURGHADA	330	16	30	03	0	1	Ci	10.8	21	74	16
	465	QUSEIR	20	9	15	02	0	0	—	12.2	23	65	16
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Tuesday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	00	0	15	00	0	0	·	15.2	17	68	11	0
SÎDI BARÂNI	130	6	14	02	0	0	—	15.5	15	88	13	0
MATRÛH	160	9	14	00	0	0	—	16.9	14	77	10	0
EL DABÂ	00	0	7	00	0	0	—	16.6	15	77	11	0
ALEXANDRIA	90	14	35	00	0	0	—	17.6	16	68	10	0
FOUAD (Airport)	40	5	12	01	0	0	—	17.4	14	88	12	0
DAMIETTA	20	5	7	02	0	1	Cu	17.2	16	77	12	0
PORT SA'ÎD	40	10	14	02	0	1	Ci	16.3	16	77	12	0
EL 'ARISH	320	2	15	01	0	0	—	16.6	17	77	13	0
DAMANHÛR	40	13	7	02	0	0	—	17.9	14	88	12	0
MANSÛRA	40	5		00	0	0	—	17.2	15	77	11	0
TANTA	00	0	35	02	0	1	—	17.3	12	82	9	0
ZAGAZIG	40	1	35	02	0	0	—	16.2	15	77	11	0
ISMAÎLÎA	20	2	35	02	0	0	—	15.1	15	88	13	0
FAROUK (Airport)	40	14	11	00	0	0	—	16.4	16	77	12	0
ALMÂZA	70	9	10	00	0	0	—	15.7	17	60	9	0
EZBEKÎYA	90	8	12	00	0	0	—	15.2	16	68	10	0
GÎZA	90	8	12	00	0	0	—	15.5	16	59	8	0
HELWÂN	40	10	15	02	0	0	—	14.8	17	60	9	0
FAIYÛM	00	0	35	02	0	0	—	14.2	17	60	9	0
MINYA	360	7	8	00	0	0	—	13.4	17	60	9	0
ASYÛT MANQABÂD	290	4	10	00	0	0	—	12.5	17	72	12	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	11.8	18	60	10	0
QENA	320	2	7	00	0	0	—	11.4	20	41	6	0
LUXOR	270	5	12	00	0	0	—	10.6	20	46	8	0
ASWÂN												
SÎWA												
BAHARÎYA												
FARAFRA												
DAKHLA	320	8	50	00	0	0	—	22	16	-5	0	
KHARGA	00	0	15	00	0	0	—			4	0	
SUEZ	310	6	35	02	0	0	—	15.6	17	68	11	0
TÛR	310	6	15	00	0	0	—	12.6	20	83	17	0
HURGHADA	310	16	12	00	0	0	—	10.9	20	78	16	0
QUSEIR	330	9	15	02	0	0	—	11.8	21	83	18	0
PORT SÛDÂN	330	3	30	02	1	2	Sc	9.9	23	78	19	0
WÂDI HALFA	330	10	50	02	0	0	—	10.7	22	19	-3	0
ABU HAMAD	340	4	30	02	0	0	—		24	17	-3	0
KAREIMA	340	6	30	02	0	0	—	8.8	23	15	-5	0
'ATBARA	340	5	30	02	0	0	—	6.6	26	20	1	0
KHARTÛM	320	10	30	00	1	3	Ci	6.9	28	14	-2	0
KASSALA	360	2	30	02	0	0	—	6.6	23	36	7	0

At 0600 on Wednesday 28th February,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	320	5	15	03	1	4	Sc,Cu	16.4		16	29		13		77	12	0	84	
SÎDI BARÂNI	360	3	12	00	0	8	Cu, Sc	16.2		15	28		12		88	13	0	98	
MATRÛH	280	10	14	00	0	0	—	16.1	-0.6	14	23		9		77	10	0	Rain	
EL DABÂ	00	0	15	00	0	0	—	16.5		10	21		6		95	10	0	49	
ALEXANDRIA	130	3	7	00	0	0	—	16.4	-0.3	16	20	0	13	+1	77	12	0	55	170
FOUAD (Airport)	140	2	14	02	4	0	—	16.4		14	21		7		95	14	0	54	132
DAMIETTA	20	2	7	00	0	0	—	16.4	-0.1	16	18	-1	10	+1	88	14	0	Rain	92
PORT SA'ÎD	40	6	14	02	0	0	—	15.6	-0.2	18	20		16		83	15	0	17	
EL 'ARISH											20	0							70
DAMANHÛR	270	5		02	0	0	—	17.6	+1.2	10	23	+2	7	-2	88	8	0	29	84
MANSÛRA	40	5	35	00	0	0	—	16.6	+0.2	13	24	+2	10	+2	88	11	0	29	40
TANTA	00	0	15	03	2	8	ac	16.5	-0.3	9	23	+1	5	-2	95	9	0	22	32
ZAGAZIG	320	1	3	03	4	6	Sc	16.4	-0.5	11	26	+4	7	0	95	11	0	16	21
ISMAÎLÎA	360	2	35	03	2	7	Sc	15.9		15	22		13		88	13	0	17	
FAROUK (Airport)	70	10	12	03	2	6	Sc	16.4		13	23		12		95	13	0	6	
ALMÂZA	70	15	12	03	1	6	Sc	15.8	-1.2	14	23		11		88	12	0	11	
EZBEKÎYA	350	4	12	03	1	5	Cu	15.6	-1.4	13	23	0	11	+2	88	11	0	8	18
GÎZA	350	4	12	02	1	5	Cu	15.8	-1.3	12	23	+1	8	+1	88	10	0	10	18
HELWÂN	40	10	15	00	0	0	—	15.1	-2.1	14	23	+2	12	+2	77	10	0	11	19
FAIYÛM	360	8	35	02	0	0	—	15.0	-0.8	14	24	+1	10	+2	77	10	0	4	6
MINYA	350	7	8	03	2	8	Sc	14.6		11	26		9		88	9	0	dr.	
ASYÛT MANQABÂD	310	5	5	10	0	0	—	14.6	-3.1	12	26		9		88	10	0	dr.	
NAG' HAMMÂDI	00	0	7	00	0	0	—	13.8	-3.0	16	27	+3	9	+2	59	8	0	0.1	
QENA	320	2	15	00	0	0	—	12.4	-3.6	14	29	+2	12	+3	67	8	0	0	
LUXOR	00	0	30	00	0	0	—	12.6	-4.0	16			8		45	4	0	0	
ASWÂN	00	0	50	00	0	0	—	12.2	-4.5	18			13	+1	46	6	0	0	
SÎWA																			6
BAHARÎYA																			7
FARAFRA																			
DAKHLA	340	6	50	00	0	0	—	15.6	-2.1	14	26	0	11	+3	67	8	0	0	
KHARGA	40	1	15	00	0	0	—	13.8	-3.3	13	25	-1	9	0	67	7	0	0	
SUEZ	310	6	50	00	0	0	—	15.0	-1.3	15	25	+3	11	0	77	11	0	0.3	12
TÛR	20	2	35	00	0	0	—	14.0	-1.9	16	26	+4	13	+3	82	13	0	4	11
HURGHADA	260	10	30	00	0	0	—	11.2	-4.4	18	21?		14		52	8	0	0	
QUSEIR	330	13	15	02	0	0	—	11.2	-4.0	21	26	+2	18	+3	50	10	0	dr.	4
PORT SÛDÂN	310	9	30	03	1	3	ac, Ci	10.5		23	27		19		78	19	0	154	93
WÂDI HALFA	360	2	50	02	0	0	—	12.2		15	29		10		34	-1	0	dr.	
ABU HAMAD	360	5	30	02	0	0	—			19	33		15		19	-5	0		
KAREIMA	20	5	30	02	0	0	—	10.1		18	33		15		30	0	0	dr.	1
'ATBARA	340	9	30	02	0	0	—	8.8		21	34		16		20	-3	0	0.3	2
KHARTÛM	360	7	30	02	0	0	—	9.0		20	34		14		24	-1	0	dr.	4
KASSALA	230	1	30	02	0	0	—	6.8		21	37		12		53	11	0	3	8
WÂD MEDANI	360	9	35	02	0	0	—	8.3		21	37		12		20	-3	0	46	12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—			19			19		30	1	0	0	36
EL OBEID	360	11	30	02	0	2	Ci	9.5		19	33		16		13	-10	0	6	16
EL FÂSHER	340	2	30	03	0	1	Ci			12	32		8		26	-7	0	6	6
GENEINA	60	5	30	02	0	0	—			15	34		12		18	-9	0		4
MALAKÂL	20	16	30	01	0	0	—	5.9		26	38		19		13	-5	0	70	88
WÂU	00	0	30	02	0	0	—	6.1		22	39		17		44	9	0	144	149
JUBA	180	5	30	01	0	0	—	6.5		27	39		20		33	9	0	194	160

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	66	+1
Ezbekîya	71	+10
Gîza	65	0
Helwân	65	+16

GÎZA GRASS MINIMUM TEMP. ON 28th 4.9°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On 27th At 15 h					
1000	131	21	44	40	13
950					
900					
850	1517	12		50	15
800					
700	3112	2		10	10
600					
500	5744	-15		330	26
400	7397	-28		300	49
300	9395	-44		320	42
AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

Station	El Arish		Matruh		Hurghada		Fouad A.P.		Kharga		Dakhla		Minya		Asyut				Minya		Port Said		Fouad A.P.		Faruk	
Time	14 30		14		14 15		14		14		14		14		14				20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	180	15	80	14	340	10	50	23	30	10	320	18	350	21	320	16			20	26	50	13	40	12	50	23
600	10	10	180	9	10	8	50	18	40	13	320	17	10	23	340	16			40	21	50	8	40	14	50	23
1000	40	10	200	8	140	5	40	20	30	15	320	16	20	13	360	15			40	12	50	5	40	15	60	19
1500	60	7	350	5	140	4	70	19	340	11			70	12	50	18			20	11	80	4	50	15	70	13
2000	60	7	330	4	140	10	20	17					40	9	60	16			40	11	130	2				
3000	60	5	320	9	80	12									10	11										
4000	350	7	20	6																						
5000	360	8	90	10																						
6000	320	11																								
7000	290	26																								
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time							2				6 30		2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							60	10			50	10	10	19									
600							60	9			60	20	40	18									
1000							80	8			30	17	30	13									
1500							80	6			30	13	360	16									
2000							100	3					320	8									
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											4		5		4		4		4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											20	21	20	21	20	20	20	7					10	26
1000											30	15	30	22	30	31	10	11	30	3			20	30
1500											330	2	360	12	50	5	20	7	30	7			20	13
2000															190	6			330	19				
3000											290	18	340	13	270	28			240	16			340	6
4000																			250	14				
5000																								
6000																								
7000																								
8000																								

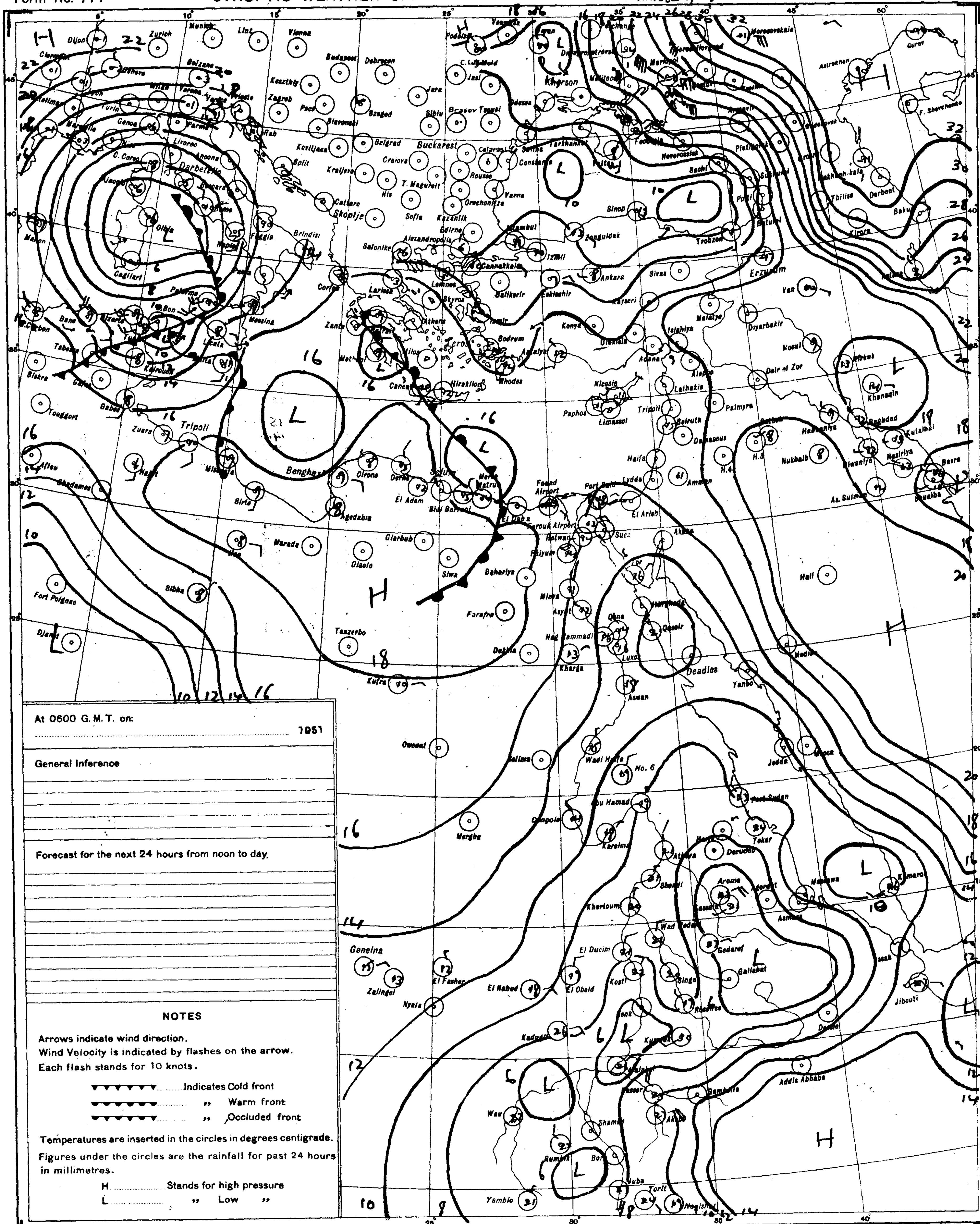
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.16 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 28-2-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
●●●●●●........ „ Warm front
▼●▼●▼●........ „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H............Stands for high pressure
L............ „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
„ or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
„ „ hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
„ „ hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
„ „ hail	96	
„ „ Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th „ „ „	2
3/8 „ „ „ „	3
4/8 „ „ „ „	4
5/8 „ „ „ „	5
6/8 „ „ „ „	6
7/8 „ „ „ „	7
Sky completely covered	8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

CAIRO
Time of Sunrise 04 22 G. M. T.
" " Sunset 15 53 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Thursday 1st March, 1951

At 1200 on Wednesday 28th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALŪM	360	9	35	02	1	3	cu	14.7	17	68	11
	303	SÎDI BARÂNI	320	5	15	01	0	3	cu	15.2	17	64	10
	306	MATRÛH	360	13	15	02	1	7	sc	15.0	18	68	12
	309	EL DABA											
		ALEXANDRIA	310	10	50	03	1	2	cu	14.7	19	64	12
	318	FOUAD (Airport)	350	8	18	01	0	0	—	14.8	19	64	12
	330	DAMIETTA	340	2	35	02	0	0	—	14.0	19	73	14
	333	PORT SA'ÎD	20	7	30	02	0	0	—	13.8	20	77	16
	336	EL 'ARISH	320	2	35	02	0	2	cu	12.7	20	53	10
LOWER EGYPT	339	DAMANHUR	270	5	15	02	0	0	—	14.8	23	50	12
	342	MANSURA	360	5	35	00	0	0	—	13.6	24	47	12
	348	TANTA	360	2	35	02	0	0	—	13.9	24	47	12
	354	ZAGAZIG	40	1	50	02	4	0	—	14.0	23	69	17
	440	ISMAÎLÎA	20	2	35	01	0	0	—	12.8	23	38	8
CAIRO AREA	366	FAROUK (Airport)	50	10	30	00	0	0	—	13.4	23	34	6
	372	ALMÂZA	50	9	30	00	0	0	—	13.0	23	38	6
		EZBEKÎYA	40	8	18	00	0	0	—	12.8	23	38	8
		GÎZA	40	8	18	00	0	0	—	13.1	23	44	10
	378	HELWÂN	320	10	35	00	0	0	—	12.2	24	26	3
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	0	—	11.8	25	28	5
	387	MINYA	350	11	10	00	2	0	—	11.6	26	30	7
	393	ASYÛT MANQABÂD	330	5	12	00	0	0	—	10.5	25	42	11
	399	NAG' HAMMÂDI	290	1	15	00	0	0	—	9.5	26	58	19
	402	QENA	290	2	50	00	0	0	—	9.0	30	31	11
	405	LUXOR	360	4	30	00	0	0	—	8.5	29	27	8
	414	ASWÂN	330	4	50	00	0	0	—	8.1	29	15	0
OASES	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	0	0	—	13.4	25	28	5
	423	FARAFRA	360	10	35	02	0	0	—	14.2	36	18	0
	432	DAKHLA	340	11	50	00	0	0	—	12.3	26	25	4
	435	KHARGA	00	0	35	00	0	0	—	10.8	24	36	8
RED SEA	450	SUEZ	360	5	50	02	0	0	—	11.5	24	32	6
	459	TÛR	310	9	50	00	0	0	—	9.1	20	64	13
	462	HURGHÂDA	340	10	30	00	0	0	—	8.5	22	83	19
	465	QUSEIR	20	13	15	02	0	0	—	10.2	24	47	12
	641	PORT SÛDÂN	50	11	30	01	1	1	—	7.0	31	31	19
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD	20	5	30	02	0	0	—		31	12	-1
	660	KAREIMA	20	6	30	02	0	0	—	6.4	31	11	-3
	680	'ATBARA	340	5	30	02	0	0	—	4.0	32	9	-5
	721	KHARTÛM	350	11	30	02	0	0	—	4.2	33	14	2
	730	KASSALA	20	3	30	02	0	0	—	0.6	37	14	6
CENTRAL SÛDÂN	751	WÂD MEDANI	50	9	35	02	0	0	—	2.8	36	12	2
	801	RENK											
	802	ROSEIRES	270	9	35	02	0	0	—		38	11	3
	771	EL OBEID	50	5	30	02	1	2	ci	3.5	32	6	-11
	760	EL FÂSHER	70	8	30	01	0	0	—		30	5	-13
	770	GENEINA	90	4	30	02	0	0	—		32	16	4
S. SÛDÂN	840	MALAKÂL	20	8	30	03	2	8	cs	1.0	38	6	-7
	880	WÂU	20	6	30	03	1	7	ci	0.6	38	7	-4
	941	JUBA	50	5	30	03	1	6	ci	999.4	38	12	4

At 1800 on Wednesday 28th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALŪM	40	5	15	00	0	1	ac	14.6	15	68	9	0
303	SÎDI BARÂNI	30	6	14	02	0	0	—	14.5	15	68	9	0
306	MATRÛH	360	6	10	01	2	3	sc	14.6	14	81	11	0
309	EL DABA	320	6	7	00	0	0	—	14.2	16	77	12	0
	ALEXANDRIA	310	6	35	00	0	0	—	14.3	16	77	12	0
318	FOUAD (Airport)	00	0	12	01	0	0	—	14.3	13	74	12	0
330	DAMIETTA	340	2	7	02	0	0	—	14.3	16	88	14	0
333	PORT SA'ÎD	20	10	18	01	0	0	—	13.6	17	83	14	0
336	EL 'ARISH												
339	DAMANHUR	270	5	7	02	0	0	—	15.2	15	77	11	0
342	MANSURA	360	5		00	0	0	—	14.6	16	77	12	0
348	TANTA	00	0	35	02	0	0	—	13.8	14	77	10	0
354	ZAGAZIG	40	1	35	02	0	0	—	13.0	16	77	12	0
440	ISMAÎLÎA	20	2	35	02	0	0	—	13.6	16	77	12	0
366	FAROUK (Airport)	50	12	12	00	0	0	—	13.6	19	46	7	0
372	ALMÂZA	70	11	12	00	0	0	—	13.2	19	52	9	0
	EZBEKÎYA	360	10	13	00	0	0	—	13.4	18	64	11	0
	GÎZA	360	10	12	00	0	0	—	13.5	19	52	9	0
378	HELWÂN	360	12	15	00	0	0	—	13.1	19	46	7	0
381	FAIYÛM	00	0	35	00	0	0	—	13.3	18	60	10	0
387	MINYA	350	6	8	00	0	0	—	12.5	16	52	6	0
393	ASYÛT MANQABÂD	290	4	8	00	0	0	—	11.1	19	49	8	0
399	NAG' HAMMÂDI	00	0	7	00	0	0	—	10.4	18	73	13	0
402	QENA	320	2	7	00	0	0	—	10.3	20	41	6	0
405	LUXOR	00	0	12	00	0	0	—	9.3	21	33	4	0
414	ASWÂN	00	0	50	00	0	0	—	8.8	27	14	4	0
417	SÎWA												
420	BAHARÎYA	360	2	15	02	0	0	—	13.8	18	37	3	0
423	FARAFRA	360	4	15	02	0	0	—	13.9	18	20	-5	0
432	DAKHLA	320	5	50	00	0	0	—	13.3	21	26	1	0
435	KHARGA	00	0	15	00	0	0	—	12.0	19	23	-3	0
450	SUEZ	360	5	35	02	0	0	—	13.3	17	60	9	0
459	TÛR	340	4	15	00	0	0	—	9.4	14	59	6	0
462	HURGHÂDA	360	14	10	00	0	0	—	8.3	22	61	14	0
465	QUSEIR	360	9	15	02	0	0	—	10.0	21	83	18	0
641	PORT SÛDÂN	40	3	30	02	0	1	cu	9.0				0
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA	340	6	30	02	0	0	—	7.7	23	15	-5	0
680	'ATBARA	360	5	30	02	0	0	—	5.9	25	19	0	0
721	KHARTÛM	350	9	30	01	0	0	—	5.9	26	18	0	0
730	KASSALA	360	3	30	02	0	0	—	4.8	24	34	7	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	350	8	30	01	1	1	ci	5.1	25	9	-10	0
760	EL FÂSHER	90	6	30	02	0	0	—		25	15	-4	0
770	GENEINA	20	2	30	02	0	0	—		25	22	2	0
840	MALAKÂL	20	7	30	02	2	8	cs	2.4	30	13	-1	0
880	WÂU	20	2	50	02	0	0	—	2.7	30	22	6	0
941	JUBA	00	0	30	01	2	0	—	2.7	30	24	7	0

At 0600 on Thursday 1st March,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
62300	SALŪM	00	0	15	00	0	0	—	12.8		16	18		11		68	10	0	84		SALUM
303	SÎDI BARÂNI	110	11	14	00	0	1	ci	12.6		13	18		9		77	9	0	98		SÎDI BARÂNI
306	MATRÛH	170	8	10	02	2	6	cu, ac	13.1	-3.6	14	20		7		77	10	0	Rain		MATRÛH
309	EL DABA	290	6	15	03	0	8	cu, ci	14.0		15	23		10		77	11	0	49		EL DABA
	ALEXANDRIA	130	3	35	04	1	3	cu, ci	14.7	-1.9	16	20	0	13	+1	77	12	0	55	171	ALEXANDRIA
318	FOUAD (Airport)	180	2	0.1	44	4	2	ci	14.5		12	21		8		95	12	0	54	133	FOUAD (Airport)
330	DAMIETTA	200	3	3	12	0	0	—	15.0	-1.3	15	20		10	0	95	15	0	Rain	92	DAMIETTA
333	PORT SA'ÎD	80	4	15	02	0	0	—	13.6	-2.1	17	21		15		77	13	0	17		PORT SA'ÎD
336	EL 'ARISH																			72	EL 'ARISH
339	DAMANHUR	130	5	1.5	28	4	0	—	15.5	-0.9	12	24	+2	6	-3	95	12	0	29	64	DAMANHÛR
342	MANSURA	40	5	35	40	4	0	—	15.2	-1.2	11	25	+3	9	+1	88	9	0	29	41	MANSÛRA
348	TANTA	00	0	35	03	2	8	ac	15.0	-1.8	10	24	+2	6	-1	95	10	0	22	33	TANTA
354	ZAGAZIG	140	1	1.5	45	4	0	—	14.9	-1.9	10	26	+4	8	+1	88	8	0	16	22	ZAGAZIG
440	ISMAÎLÎA	110	2	3	42	1	5	ac	14.2		13	24		11		95	13	0	17		ISMAÎLÎA
366	FAROUK (Airport)	70	12	14	03	2	1	ac	14.9		13	24		9		82	10	0	6		FAROUK (Airport)
372	ALMÂZA	70	9	14	00	0	0	—	14.3	-2.7	12	24		8		88	10	0	11		ALMÂZA
	EZBEKÎYA	350	10	12	00	0	0	—	14.8	-2.2	13	24	+1	10	+1	88	11	0	8	19	EZBEKÎYA
	GÎZA	350	10	12	00	0	0	—	14.6	-2.3	12	24	+2	9	+2	88	10	0	10	19	GÎZA
378	HELWÂN	320	8	7	00	0	0	—	14.3	-2.6	12	24	+2	10	0	88	10	0	11	20	HELWÂN
381	FAIYÛM	360	8	35	03	0	1	cu, sc	14.2	-2.6	13	26	+2	10	+2	88	11	0	4	7	FAIYÛM
387	MINYA	360	6	8	00	0	0		13.1	-4.1	12	27		9		82	9	0	dr.		MINYA
393	ASYÛT MANQABÂD	310	4	10	10	0	0	—	13.4	-4.1	12	26		10	+2	88	10	0	dr.		ASYÛT MANQABÂD
399	NAG' HAMMÂDI	00	0	7	00	0	0	—				29	+4	9			9	0	0.1		NAG' HAMMÂDI
402	QENA	320	2	15	00	0	0	—	11.2	-4.6	14	31	+3	12	+3	67	8	0	0		QENA
405	LUXOR											32									LUXOR
414	ASWÂN	00	0	50	00	0	0	—	11.9	-4.6	22	30	+2	14		41	8	0	0		ASWÂN
417	SÎWA																			6	SÎWA
420	BAHARÎYA	360	5	35	02	0	0	—	14.8	-2.6	15	27	+3	7	-1	77	11	0	0	7	BAHARÎYA
423	FARAFRA	320	3	35	02	0	0	—	15.2		11	27		5		41	-2	0	dr.		FARAFRA
432	DAKHLA	340	6	50	00	0	0	—	14.4	-3.1	13	27	+1	9	+1	34	-3	0	0		DAKHLA
435	KHARGA	00	0	15	00	0	0	—				28	+1	5	-4		5	0	0		KHARGA
450	SUEZ								14.3	-1.9	15	26	+4			77	11	0	0.3	12	SUEZ
459	TÛR	00	0	35	00	0	0	—	10.7	-5.1	17	24	+2	11	0	60	9	0	4	12	TÛR
462	HURGHÂDA											23									HURGHADA
465	QUSEIR	330	9	15	02	0	0	—	10.4	-4.7	20	26	+2	17	+1	56	11	0	dr.	4	QUSEIR
641	PORT SÛDÂN	290	2	30	03	0	3	sc, ac	9.7		24	32				65	17	0	154	94	PORT SÛDÂN
600	WÂDI HALFA	360	4	50	02	1	3	ci	9.4		15	30		13		30	-3	0	dr.		WÂDI HALFA
640	ABU HAMAD	360	4	30	02	0	0	—			22	32		17		17	-4	0			ABU HAMAD
660	KAREIMA	50	3	30	02	0	0	—	10.4		19	32		12		32	2	0	dr.	1	KAREIMA
680	'ATBARA	340	9	30	02	0	0	—	8.9		21	33		15		8	-16	0	0.3	2	'ATBARA
721	KHARTÛM	360	9	30	02	0	0	—	8.5		20	34				24	-1	0	dr.	4	KHARTÛM
730	KASSALA	320	1	30	01	0	1	ac	6.6		22	38		16		35	12	0	3	8	KASSALA
751	WÂD MEDANI	50	9	35	02	0	0	—	7.6		21	37		13		17	-5	0	46	12	WÂD MEDANI
801	RENK																			49	RENK
802	ROSEIRES	310	4	35	02	0	0	—				39		16		31	4	0	0	37	ROSEIRES
771	EL OBEID	360	11	30	02	0	2	ci	9.2		19	34		15		11	-12	0	6	16	EL OBEID
760	EL FÂSHER	350	2	30	02	0	0	—			22	32		7		15	-6	0	6	6	EL FÂSHER
770	GENEINA	20	3	30	02	0	0	—			17	35		13		24	-4	0		4	GENEINA
840	MALAKÂL	20	16	30	03	1	5	ci	5.4		26	39		21		25	4	0	70	88	MALAKÂL
880	WÂU	20	4	30	02	0	0	—	5.6		23	39		20		27	3	0	144	150	WÂU
941	JUBA	00	0	10	05	2	5	ac				39		21			12	0	194	161	JUBA

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	78	+13
Ezbekiya	69	+8
Giza	67	+2
Helwân	55	+6

GÎZA GRASS MINIMUM TEMP. ON 1st 6.3 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 28th At 15 h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	113	23	38	30	11
950					
900					
850	1490	12		30	15
800					
700	3085	1		360	12
600					
500	5678	-20		280	25
400	7292	-33		270	48
300	9262	-46		290	74

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 28th

Station	Farouk A.P.		Fouad A.P.		El Arish														Farouk A.P.		Fouad A.P.		Port Said		Minya	
Time	15		14		14														20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	13	350	9	200	14													60	28	10	6	50	9	10	30
600	40	10	10	6	330	9													20	19	40	5	50	9	20	25
1000	30	11	10	8	10	9													30	21	40	3	60	7	10	18
1500	30	15	340	11	40	7													20	20	330	7	90	4	20	22
2000	20	16	310	5	10	4															340	14				
3000	360	12	310	19	190	4																				
4000					300	9																				
5000	290	14			260	17																				
6000	280	33																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			8		2		2				6 45		2				8 15						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			160	17	80	8	20	9			20	9	20	23			10	1					50	13
600			210	15	10	4	60	7			40	13	40	16			10	4					70	15
1000			230	12			10	9			50	17	20	13			340	5					40	13
1500							10	15			60	15	30	30			10	1					60	18
2000											30	11	10	22									40	15
3000											360	22												
4000											340	31												
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											5		5		4		4						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											30	24	30	9	10	23	50	4					10	31
1000											30	17			10	22	30	9					20	34
1500											30	11	30	12	10	9	70	19					10	20
2000																	290	9						
3000											310	7	340	13	230	16							130	9
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

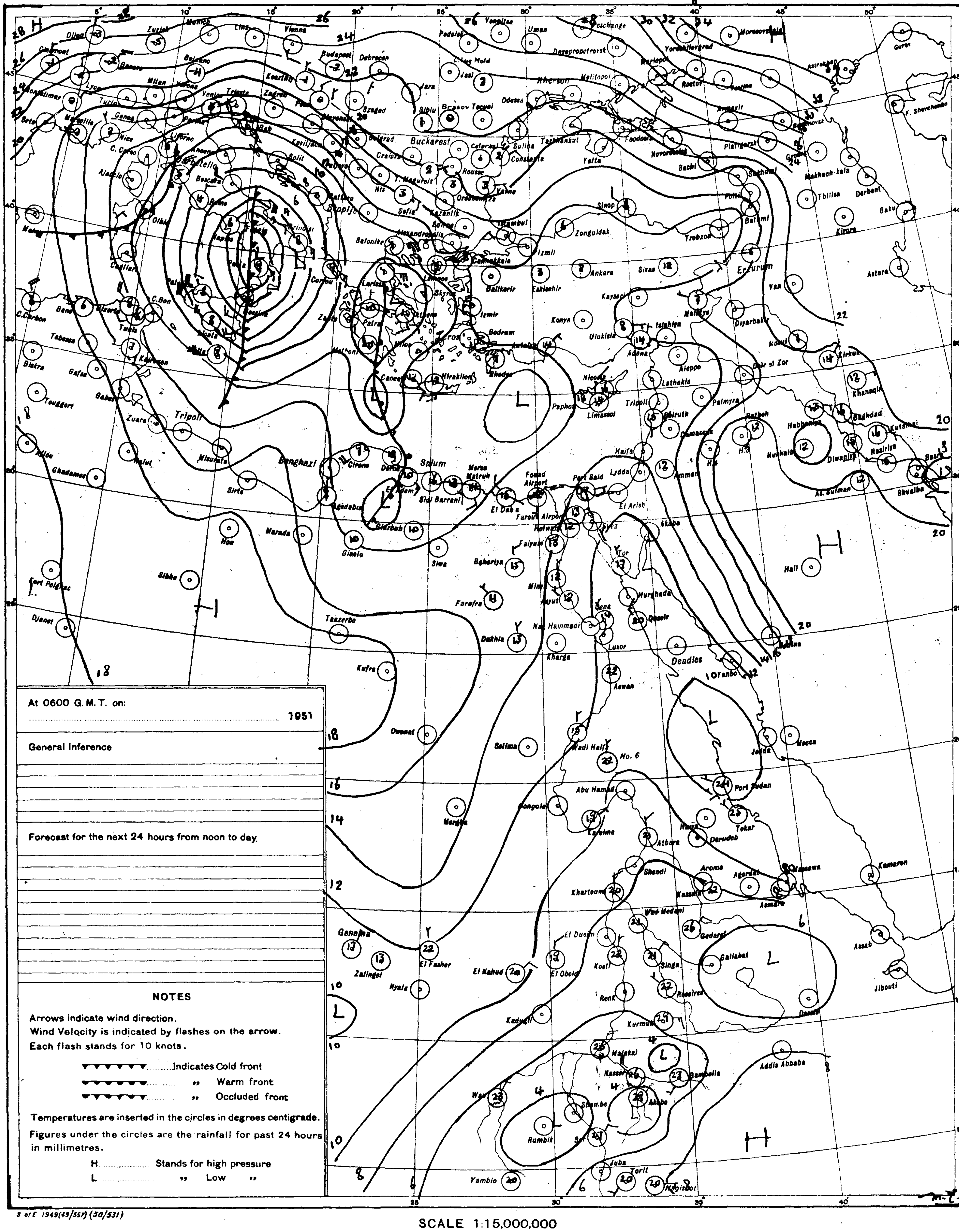
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 1/31 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 21 G.M.T.

" " Sunset 15 54 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 2nd March, 1951

At 1200 on Thursday 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	220	19	35	00	0	0	—	10.2	27	15	-2
	303	SÎDI BARÂNI	230	8	18	02	0	0	—	10.8	25	32	7
	306	MATRÛH	220	16	15	00	1	0	—	12.9	27	17	0
	309	EL DABA	180	6	35	00	0	0	—	13.0	28	56	11
		ALEXANDRIA	360	6	50	02	2	2	Sc.ac	13.9	21	57	12
	318	FOUAD (Airport)	320	6	18	01	1	2	Cu.Ci	13.7	22	57	14
	330	DAMIETTA	140	2	35	00	0	0	—	13.9	22	65	15
	333	PORT SAÏD	60	3	30	01	0	0	—	13.6	19	73	14
	336	EL 'ARISH											
Nile Valley	339	DAMANHUR	40	5	15	02	0	0	—	14.2	24	47	12
	342	MANSURA	40	5	35	00	0	0	—	13.9	26	37	10
	348	TANTA	00	0	35	02	0	0	—	14.2	25	42	11
	354	ZAGAZIG	40	2	50	02	0	0	—	13.9	23	50	12
	440	ISMAÏLIA	360	2	35	01	0	0	—	13.1	24	38	9
	366	FAROUK (Airport)	40	11	30	00	0	0	—	13.5	24	32	6
	372	ALMÂZA	70	8	15	00	0	0	—	12.9	24	26	3
		EZBEKÎYA	360	3	18	00	0	0	—	13.1	24	34	7
		GÎZA	360	3	18	00	0	0	—	13.5	25	34	8
	378	HELWÂN	20	4	35	02	0	0	—	12.0	27	15	-2
Upper Egypt	381	FAIYÛM	360	5	35	01	0	0	—	12.0	26	18	0
	387	MINYA	350	11	10	00	0	0	—	11.9	26	30	7
	393	ASYÛT MANQABÂD	310	4	14	00	0	0	—	10.5	26	28	6
	399	NAG' HAMMADI	00	0	15	00	0	0	—	9.4	26	52	18
	402	QENA	270	2	50	00	0	0	—	9.6	29	29	9
	405	LUXOR	00	0	30	00	0	0	—	9.4	30	31	11
	414	ASWÂN	00	0	50	00	0	0	—	9.1	31	13	-1
Western Desert	417	SÎWA											
	420	BAHARÎYA	360	2	35	02	0	0	—	13.0	28	22	4
	423	FARAFRA	20	5	35	02	0	0	—	14.2	27	27	6
	432	DAKHLA	160	5	50	00	0	0	—	11.2	30	25	8
	435	KHARGA	40	1	35	00	0	0	—	10.6	29	14	-1
Red Sea	450	SUEZ	310	4	50	01	0	0	—	12.3	25	22	2
	459	TÛR											
	462	HURGHADA	350	13	30	00	0	0	—	8.6	22	77	18
	465	QUSEIR	20	13	15	02	0	0	—	10.7	23	65	14
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	360	5	50	03	0	3	Ci		33	9	-4
	640	ABU HAMAD	40		30	02	0	0	—		32	10	-3
	660	KAREIMA	40	8	30	02	0	0	—	7.5	33	10	-2
	680	'ATBARA	340	9	30	02	0	0	—	4.5	33	10	-3
	721	KHARTÛM	360	10	30	02	0	0	—	4.0	34	14	3
	730	KASSALA	360	3	30	02	0	0	—	1.1	37	14	6
Central Sudan	751	WÂD MEDANI	50	9	35	02	0	0	—	2.7	35	12	-1
	801	RENK											
	802	ROSEIRES	310	13	35	02	0	0	—		37	13	4
	771	EL OBEID											
	760	EL FÂSHER	80	5	30	02	0	0	—		31	8	-8
	770	GENEINA	50	5	30	02	0	0	—		33	12	0
S. Sudan	840	MALAKÂL	20	14	35	02	0	0	—	0.3	38	6	-6
	880	WAU	50	9	30	02	0	0	—	999.[illegible]	38	7	-4
	941	JUBA	50	9	30	03	0	7	Cu	997.8	39	20	12

At 1800 on Thursday 1st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM												
SÎDI BARÂNI	320	8	14	02	0	0	—	12.1	16	88	14	0
MATRÛH	200	12	15	01	0	0	—	11.7	20	24	-1	0
EL DABA	00	0	7	00	0	0	—	12.3	15	77	11	0
ALEXANDRIA	40	9	35	03	2	3	Cu	13.9	17	72	12	0
FOUAD (Airport)	40	6	12	02	0	1	ac	13.8	14	95	14	0
DAMIETTA	220	2	7	02	0	0	—				13	0
PORT SAÏD	70	6	14	02	0	0	—	13.1	17	94	16	0
EL 'ARISH												
DAMANHUR	40	9	7	02	0	0	—	15.0	16	77	12	0
MANSURA	40	5		00	0	0	—	14.7	17	77	13	0
TANTA	00	0	35	02	0	0	—	14.2	16	68	10	0
ZAGAZIG	40	3	50	02	0	0	—	13.9	18	56	9	0
ISMAÏLIA	20	5	35	02	0	0	—	14.6	17	60	9	0
FAROUK (Airport)	40	7	12	00	0	0	—	14.1	19	64	12	0
ALMÂZA	70	6	15	00	0	0	—	13.8	20	56	11	0
EZBEKÎYA	00	0	12	00	0	0	—	13.9	18	68	12	0
GÎZA	00	0	12	00	0	0	—	13.9	15	77	11	0
HELWÂN	20	12	15	02	0	0	—	13.2	21	26	1	0
FAIYÛM	00	0	35	02	0	0	—	12.3	19	46	7	0
MINYA	360	8	8	00	0	0	—	12.6	17	56	8	0
ASYÛT MANQABÂD	240	3	10	00	0	0	—	12.0	20	46	8	0
NAG' HAMMADI	00	0	7	00	0	0	—	11.8	20	56	11	0
QENA	290	2	7	00	0	0	—	10.6	22	36	6	0
LUXOR	290	3	30	00	0	0	—	10.6	20	46	8	0
ASWÂN	00	0	50	00	0	0	—	9.8	26	18	0	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	13.6	17	52	7	0
FARAFRA	00	0	15	02	0	0	—	14.2	18	37	3	0
DAKHLA	340	6	50	00	0	0	—	12.7	25	17	-2	0
KHARGA	00	0	15	00	0	0	—	12.3	22	16	-5	0
SUEZ	310	4	35	02	0	0	—	15.[illegible]	19	46	7	0
TÛR	20	5	15	00	0	0	—	10.3	25	22	2	0
HURGHADA	290	7	10	00	0	0	—	9.7	21	47	9	0
QUSEIR	360	9	15	02	0	0	—	11.8	21	83	18	0
PORT SUDÂN	50	1	30	03	0	3	Sc	10.5	24	77	20	0
WÂDI HALFA												
ABU HAMAD	360	2	30	02	0	0	—		25	15	-4	0
KAREIMA	20	4	30	02	0	0	—	6.0	27	17	0	0
'ATBARA	360	5	30	02	0	0	—	6.5	26	27	5	0
KHARTÛM	350	7	30	02	0	0	—	5.6	27	23	4	0
KASSALA	340	4	30	02	0	0	—	5.0	25	36	9	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	2	30	02	0	0	—	5.8	25	8	-12	0
EL FÂSHER	70	8	30	02	0	0	—		25	9	-11	0
GENEINA	360	7	30	02	0	0	—		27	17	1	0
MALAKÂL	20	6	30	02	0	0	—	2.2	29	19	3	0
WAU	70	2	30	02	0	0	—	1.2	30	21	5	0
JUBA												

At 0600 on Friday 2nd March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALÛM	290	5	15	01	1	4	Ci	15.5		13			10		67	7	0	84	
SÎDI BARÂNI	300	7	14	00	0	3	Cu	15.3		15	26		13		68	9	0	98	
MATRÛH	10	11	15	02	2	7	Sc	15.2	-1.5	16	27		14		68	10	0	Rain	
EL DABA	320	17	15	02	2	5	Sc.Cu	14.5		17	25		11		77	13	0	49	
ALEXANDRIA	130	10	35	04	0	0	—	14.[illegible]	-2.2	15	23	+3	13	+1	68	9	0	55	171
FOUAD (Airport)	210	10	14	02	0	0	—	14.3		14	24		12		77	10	0	54	133
DAMIETTA	140	2	7	00	0	0	—	14.7	-1.5	18	22	+3	14	+4	83	15	0	Rain	92
PORT SAÏD	140	4	12	01	0	1	ac	14.3	-1.3	17	21		15		83	14	0	17	
EL 'ARISH	140	9	35	03	0	1	Cu	15.4	-1.4	16			14	+5	77	12	0	Rain	72
DAMANHUR	40	9	1.5	28	4	0	—	15.8	-0.6	13	25	+3	7	-2	88	11	0	29	84
MANSURA	90	5	35	00	0	0	—	14.7	-1.7	13	27	+5	10	+2	88	11	0	29	41
TANTA	180	2	35	02	0	0	—	13.9	-2.3	13	26	+4	8	0	77	9	0	22	33
ZAGAZIG	40	1	3	28	4	0	—	14.0	-2.5	11	26	+4	9	+2	88	9	0	16	22
ISMAÏLIA	70	2	35	02	0	0	—	14.7		16	24		11		59	8	0	17	
FAROUK (Airport)	360	3	18	00	0	0	—	14.4		16	26		12		52	6	0	6	
ALMÂZA	00	0	12	00	0	0	—	13.7		17	25		10		52	7	0	11	
EZBEKÎYA	00	0	12	00	0	0	—	14.3	-2.6	16	26	+3	11	+2	52	6	0	8	19
GÎZA	00	0	12	00	0	0	—	14.3	-2.7	16	26	+4	11	+4	59	8	0	10	19
HELWÂN	00	0	7	05	0	0	—	14.2	-2.8	17	27	+5	13	+3	26	-3	0	11	20
FAIYÛM	00	0	35	02	0	0	—	15.8	-0.9	15	28	+4	9	+1	68	9	0	4	7
MINYA	00	0	8	00	0	0	—	15.0	-2.2	12	28		6		67	6	0	dr.	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	15.0	-2.4	15	29		11		48	4	0	dr.	
NAG' HAMMADI	00	0	7	00	0	0	—	14.7	-1.9	18	31	+6	11	+4	60	10	0	0.1	
QENA	328	2	15	00	0	0	—	14.8	-1.1	17	30	+2	10	0	60	9	0	0	
LUXOR	60	3	30	00	0	0	—	14.1	-2.2	16	32		10		65	10	0	0	
ASWÂN	00	0	50	00	0	0	—	13.9	-2.5	19	32	+4	14	+1	37	4	0	0	
SÎWA																			7
BAHARÎYA	00	0	35	02	0	0	—	14.4	-3.0	16	29	+5	7	-1	32	-1	0	0	7
FARAFRA	120	4	35	02	0	0	—	15.5		16	28		6		30	-2	0	dr.	
DAKHLA	00	0	50	00	0	0	—	14.2	-3.2	17	32	+6	8	0	24	-4	0	0	
KHARGA	00	0	35	00	0	0	—	13.1	-3.8	19	32	+3	12	+3	30	1	0	0	
SUEZ	00	0	50	00	0	0	—	14.3	-1.9	14	27	+5	9	-2	67	8	0	0.3	12
TÛR	40	2	15	00	0	0	—	13.5	-2.2	18	28	+5	11	0	37	3	0	4	12
HURGHADA	250	6	30	00	0	0	—	12.4	-3.1	18	23		11		37	3	0	0	
QUSEIR	310	5	15	02	0	0	—	13.5	-1.5	20	26	+2	18	+2	41	6	0	dr.	4
PORT SUDÂN	310	2	30	02	0	1	Cu	11.4		24	28		17		69	18	0	154	94
WÂDI HALFA	360	3	60	02	0	0	—	12.4		14	36		12		39	0	0	dr.	
ABU HAMAD	360	4	30	02	0	0	—			21	33		14		18	-4	0		
KAREIMA											33								1
'ATBARA	360	5	30	02	0	0	—	9.1		21	38		16		31	3	0	0.3	2
KHARTÛM	10	10	30	02	0	0	—	8.2		21	38		16		23	-1	0	dr.	4
KASSALA	360	4	30	02	0	0	—	6.8		25	38		13		34	8	0	3	8
WÂD MEDANI	50	9	35	02	0	0	—	6.2		23	37		18		34	6	0	46	12
RENK																			47
ROSEIRES	360	5	35	02	0	0	—			25	38		18		54	15	0	0	37
EL OBEID	30	11	30	02	0	0	—	7.8		21	33		15		15	-7	0	6	16
EL FÂSHER	330	3	30	02	0	0	—			18	33		8		15	-9	0	6	6
GENEINA	20	10	30	02	0	0	—			18	35		12		26	-2	0		4
MALAKÂL	20	15	30	03	0	2	ac.Ci	4.9		26	38		22		8	-11	0	70	88
WAU	20	2	30	03	0	3	Ci	4.6		23	39		18		26	2	0	144	151
JUBA	50	2	30	01	1	1	ac	3.0		30	40		23		25	8	0	194	162

HUMIDITY

Mean of day %

STATION	on 1st.	Diff from normal
Alexandria	79	+14
Ezbeklya	69	+8
Giza	80	+15
Helwân	51	+2

GÎZA

GRASS MINIMUM TEMP

ON 2nd 7.7°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

FAROUK AIRPORT — On 1st At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	114	23	29	40	10
950					
900					
850	1500	19	18	130	8
800					
700	3193	0	32	210	15
600					
500	5780	-21		260	62
400	7388	-34		290	43
300	9354	—		290	56

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Station	Port Said		Farouk		Kharga		Dakhla		Matruh		Asyut		Hurghada		Minya		Fouad A.P.		Farouk		Fouad A.P.		Minya		Port Said	
Time	14		15		14		14		14		14		14		14		14		20		20		20	30	20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	4	40	12	50	5	200	13	220	9	320	20	360	21	360	15	180	1	190	20	130	10	360	22	170	16
600	360	5	40	11	50	9	200	13	220	3	310	18	340	23	350	7	210	4	70	10	160	10	210	8	170	15
1000	10	5	30	10	50	10			230	14	350	19	330	22	20	9	200	3	70	12	210	11	20	6	140	7
1500	90	3	130	8	360	10			220	14	20	15	320	18	20	13	220	9	160	10	240	14	60	9	140	5
2000	140	3	150	7							30	21			30	16	250	16	260	5	240	21	30	6		
3000	290	15	210	15							10	27			360	13			280	7			320	10		
4000																			280	3						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					2								2				4 30				8		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					160	14							20	5			40	5			330	14	150	3
600					220	17							320	8			10	9			40	6	220	5
1000					240	12							300	3			30	8			60	11	240	7
1500					250	16							320	4			50	13			30	7	240	13
2000																					20	19	250	17
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8		8		4		4						4				5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			180	3	310	6	30	10	70	12														
600			200	7	20	3	70	20	60	26	70	17					60	8					20	29
1000			300	12	50	12	60	20	40	14							50	21			10	11	40	
1500			210	15			60	17	10	11	50	15					40	21			70	36	40	23
2000			250	17			40	16													50	15		
3000			270	10							340	13											130	13
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

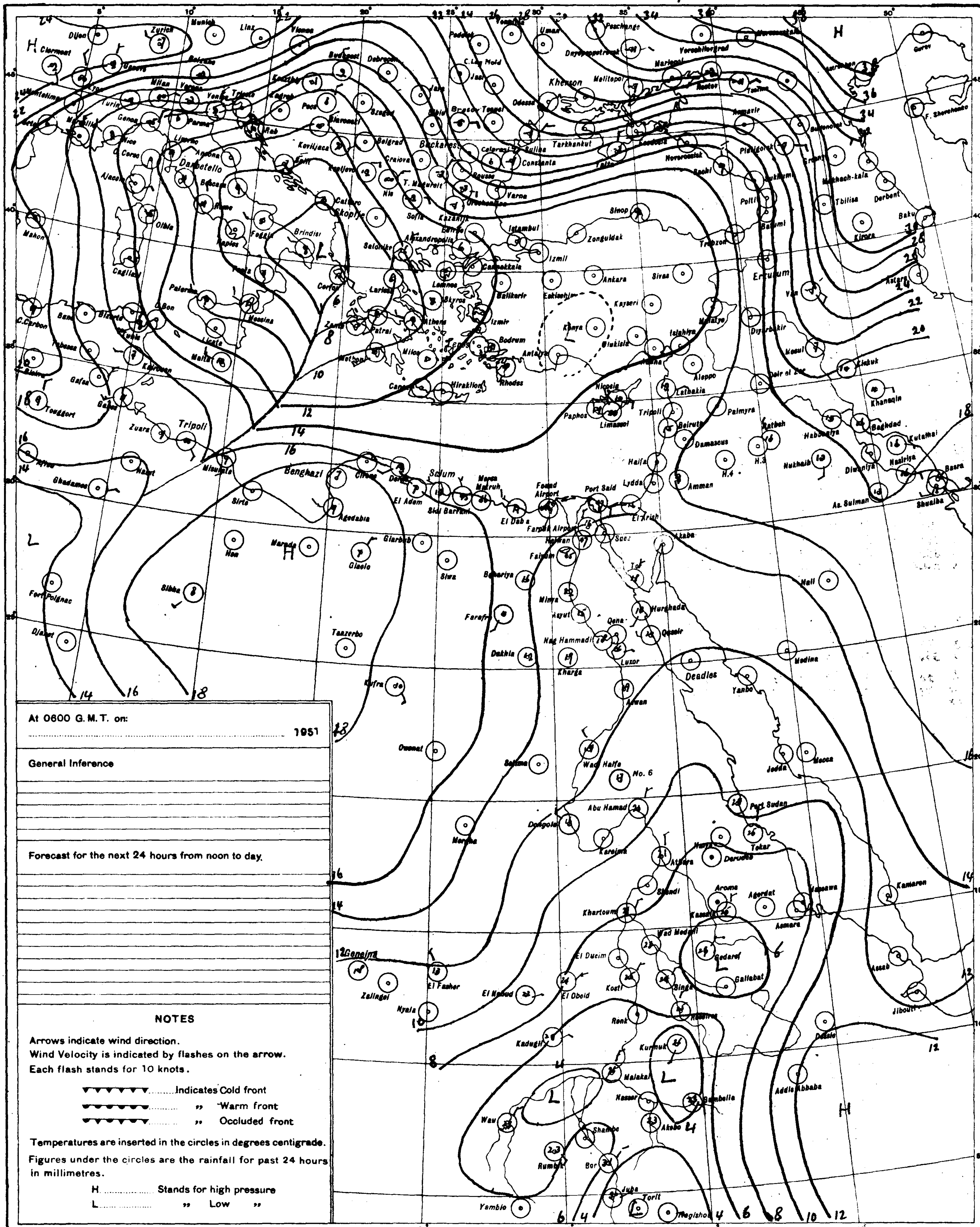
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 2-3 1951



At 0600 G.M.T. on:	
....	1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... „ Warm front
▼●▼●▼● .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code	Symbol
Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain } Thunderstorm during the past hour		91	
Hail }		93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code	Symbol
Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

	Code
Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 20 G. M. T.

" " Sunset 15 55 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 3rd March, 1951

At 1200 on Friday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	70	5	35	02	1	3	cs	15.1	18	46	6
	303	SÎDI BARÂNI											
	306	MATRÛH	360	7	15	01	1	3	ci	15.0	18	52	8
	309	EL DAB'A	320	6	35	02	2	5	sc	13.5	18	60	10
		ALEXANDRIA	310	14	50	03	1	4	cu, ci	14.2	19		
	318	FOUAD (Airport)	290	19	18	02	1	6	ci	13.9	20	73	15
	330	DAMIETTA	220	2	35	03	1	2	ac	13.7	23	50	12
	333	PORT SA'ÎD	80	3	30	03	0	3	ci	13.3	20	73	15
	336	EL 'ARISH	40	6	18	00	0	0	—	12.7	24	50	13
Lower Egypt	339	DAMANHÛR											
	342	MANSÛRA	220	5	35	03	2	0	—	13.5	28	27	7
	348	TANTA	180	5	35	02	0	0	—	13.9	28	33	10
	354	ZAGAZIG	220	2	35	03	0	3	ci	13.5	27	37	11
	440	ISMAÎLÎA	250	2	35	01	1	3	ci	13.5	30	24	5
Cairo Area	366	FAROUK (Airport)	250	9	30	03	2	6	cs	13.4	28	14	-2
	372	ALMÂZA	290	11	15	03	1	7	ci	13.1	29	14	-1
		EZBEKÎYA	250	4	18	02	1	4	ac, ci	13.0	30	19	4
		GÎZA	250	4	18	02	1	4	ac, ci	12.7	31	22	7
	378	HELWÂN	00	0	50	03	0	7	ci	13.1	28	16	-4
Upper Egypt	381	FAIYÛM	330	4	35	03	2	6	ci	13.3	29	19	3
	387	MINYA	270	2	10	00	0	0	—	13.3	31	15	1
	393	ASYÛT MANQABÂD	00	0	12	02	1	1	ci	12.5	30	22	6
	399	NAG' HAMMÂDI	00	0	15	01	0	2	ac	12.0	32	26	10
	402	QENA	320	2	50	00	0	0	—	11.4	32	20	6
	405	LUXOR	360	8	30	00	0	0	—	11.5	30	19	4
	414	ASWÂN	00	0	50	00	0	0	—	10.8	30	14	-1
Oases	417	SÎWA											
	420	BAHARÎYA											
	423	FARAFRA	180	2	35	02	2	7	cs	13.8	31	22	7
	432	DAKHLA	340	6	50	00	0	0	—	9.6	31	17	3
	435	KHARGA	90	1	35	02	1	2	ci	11.8	32	7	-9
Red Sea	450	SUEZ	130	3	50	03	0	1	sc	12.7	26	25	4
	459	TÔR	150	2	50	00	0	0	—	12.0	24	61	16
	462	HURGHÂDA	20	2	30	00	0	0	—	12.3	24	65	17
	465	QUSEIR											
	641	PORT SÛDÂN	50	14	30	02	0	0	—	9.8	27	66	20
North Sûdân	600	WÂDI HALFA	360	9	50	02	0	0	—	9.5	31	8	-8
	640	ABU HAMAD	360	3	30	02	0	0	—		34	13	2
	660	KAREIMA											
	680	'ATBARA	210	35			0	0	—	3.9	35		
	721	KHARTÛM	20	13	30	02	0	0	—	3.8	35	18	7
	730	KASSALA	20	7	30	02	0	0	—	999.9	39	14	7
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	15	30	02	0	0	—	2.6	34	6	-9
	760	EL FÂSHER	90	4	30	02	0	1	ci		31	8	-8
	770	GENEINA	50	10	30	03	1	1	ci		33	14	2
S. Sûdân	840	MALAKÂL	40	10	30	03	0	3	ac, ci	999.9	39	8	-1
	880	WAU											
	941	JUBA	120	5	30	03	0	5			40	19	12

At 1800 on Friday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	290	2	15	02	1	3	cs	14.3	16	68	10	0
SÎDI BARÂNI												
MATRÛH	10	2	10	02	1	0	—	15.2	14	67	8	0
EL DAB'A	320	16	7	00	0	0	—	13.9	15	68	9	0
ALEXANDRIA	40	15	35	02	2	4	cu	14.3	16	88	14	0
FOUAD (Airport)	340	7	12	02	1	2	sc	14.8	16	88	14	0
DAMIETTA	320	2	7	00	0	0	—	13.3	17	88	15	0
PORT SA'ÎD	10	3		01	0	1	ci	13.2	18	88	16	0
EL 'ARISH												
DAMANHÛR	40	9	7	02	0	0	—	15.0	16	77	12	0
MANSÛRA	360	9		00	1	0	—	14.3	18	73	13	0
TANTA	00	0	35	02	0	0	—	14.8	17	77	13	0
ZAGAZIG	320	1	35	02	1	0	—	13.3	20	56	11	0
ISMAÎLÎA	20	2	35	02	0	0	—	13.3	20	56	11	0
FAROUK (Airport)	40	4	12	00	0	0	—	14.2	20	53	10	0
ALMÂZA	00	0	12	00	0	0	—	13.6	22	44	9	0
EZBEKÎYA	00	0	12	00	0	0	—	13.8	19	56	10	0
GÎZA	00	0	12	00	0	0	—	13.8	18	52	8	0
HELWÂN	360	4	15	01	0	0	—	13.8	22	29	3	0
FAIYÛM	00	0	35	01	1	3	ci	14.2	19	46	7	0
MINYA	00	0	8	02	1	2	ci	13.5	20	41	6	0
ASYÛT MANQABÂD	250	2	8	00	0	0	—	13.2	22	33	5	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	12.8	20	56	11	0
QENA	270	2	7	01	1	1	ci	11.6	20	46	8	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	12.2	26	13	-5	0
SÎWA												
BAHARÎYA												
FARAFRA	40	4	15	02	2	0	—		19	30	1	0
DAKHLA	20	4	50	00	0	0	—	12.6	26	13	-5	0
KHARGA	00	0	15	00	0	0	—	13.4	23	12	-8	0
SUEZ	00	0	35	01	0	0	—	13.1	19	37	4	0
TÔR	130	2	7	00	0	0	—	14.0	19	73	14	0
HURGHÂDA	190	7	10	00	0	0	—	12.3	20	35	4	0
QUSEIR	330	9	15	02	0	0	—	15.0	21	57	12	0
PORT SÛDÂN	340	6	30	02	0	0	—	12.9	23	77	19	0
WÂDI HALFA	20	6	50	02	0	0	—	10.4	24	17	-3	0
ABU HAMAD	360	2	30	02	0	0	—		23	18	-3	0
KAREIMA	20	10	30	02	0	0	—	7.9	29	12	-3	0
'ATBARA	20	3	30	02	0	0	—	6.9	26	15	-3	0
KHARTÛM	20	12	30	02	0	0	—	4.8	29	18	2	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	6	30	02	0	0	—	3.1	27	12	-5	0
EL FÂSHER												
GENEINA												
MALAKÂL	360	4	50	01	1	2	ac, ci				6	0
WAU	200	4	30	01	2	0	—	2.2	31	17	3	0
JUBA	30	3	10	04	2	3	ci	1.5	33	28	12	0

At 0600 on Saturday 3rd March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	5	15	01	1	3	cu, cs	16.7		16	21		11		68	10	0	84	
SÎDI BARÂNI																			
MATRÛH	270	10	12	02	0	4	cs	16.1	-0.6	13	18		10		67	7	0	Rain	
EL DAB'A	00	0	15	00	0	0	—	15.6		15	19		10		68	9	0	49	
ALEXANDRIA	360	6	50	01	2	4	sc, cu	16.3	-0.2	16	21	+1	14	+2	82	13	0	55	171
FOUAD (Airport)	280	2	12	03	2	7	ac, ci	16.0		15	22		11		77	11	0	54	133
DAMIETTA	250	2	7	03	1	7	ac	15.9	-0.3	17	25	+6	14	+4	77	13	0	Rain	92
PORT SA'ÎD	360	9	14	01	0	5	sc, ci	14.7	-0.9	17	25		16		83	14	0	17	
EL 'ARISH	320	5	35	03	2	7	sc	15.1	-1.7	18			14	+5	37	3	0	Rain	73
DAMANHÛR	310	5		02	1	2	ci	16.8	+0.4	15	30	+8	11	+.2	77	11	0	29	84
MANSÛRA	90	5	35	03	2	6	ac	16.2	-0.1	16	30	+8	14	+.5	77	12	0	29	41
TANTA	00	0	35	03	2	8	ac	16.8	0.0	14	28	+6	11	+3	88	12	0	22	33
ZAGAZIG	220	1	15	03	0	6	ci	16.2	-0.5	17	29	+7	10	+2	68	11	0	16	22
ISMAÎLÎA	290	5	35	03	2	7	ac	15.8		17	31		15		77	13	0	17	
FAROUK (Airport)	00	0	3	05	2	7	sc, ac	16.6		14	29		14		88	12	0	6	
ALMÂZA	30	4	10	01	2	6	sc	16.3	-0.6	14	30		13		88	12	0	11	
EZBEKÎYA	350	6	12	02	1	4	ac, ci	16.3	-0.6	16	30	+7	15	+6	88	14	0	8	19
GÎZA	350	6	12	02	1	4	ac, ci	16.2	-0.8	17	31	+8	13	+6	77	13	0	10	19
HELWÂN	340	11	3	03	1	8	st, ac	15.9	-1.1	15	29	+7	14	+4	88	13	0	11	20
FAIYÛM	360	8	35	03	1	3	ci	16.3	-0.3	17	30	+6	13	+4	77	13	0	4	7
MINYA	00	0	10	00	0	0	—	15.9	-1.3	15	32		11		55	6	0	dr.	
ASYÛT MANQABÂD	320	4	8	10	0	0	—	16.1	-1.2	15	31		12		42	2	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	15.8	-0.8	19	33	+8	10	+3	52	9	0	0.1	
QENA	220	2	15	00	0	0	—	16.0	+0.3	18	34	+6	12	+2	37	3	0	0	
LUXOR	360	4	30	00	0	0	—	15.1	-1.2	17			11		42	4	0	0	
ASWÂN											32	+4							
SÎWA																			7
BAHARÎYA																			7
FARAFRA	00	0	35	02	2	4	ci	17.2		12	32		9		33	-4	0	dr.	
DAKHLA	320	5	50	00	0	0	—	17.1	-0.2	13	32	+6	10	+2	24	-7	0	0	
KHARGA	00	0	15	00	0	0	—	15.0	-1.8	19	32	+5	11	+2	30	1	0	0	
SUEZ	310	5	50	00	0	0	—	14.6	-1.6	18	30	+7	14	+3	73	13	0	0.3	12
TÔR	290	8	15	00	0	0	—	13.8	-1.8	17	28	+5	12	+1	38	3	0	4	12
HURGHADA	230	5	30	03	2	5	ac	13.6	-1.8	19	26		14		36	10	0	0	
QUSEIR	330	5	15	00	0	0	—	15.1	+0.2	21	26	+2	18	+2	50	10	0	dr.	4
PORT SÛDÂN	330	10	30	01	0	0	—	14.3		24	28		18		59	18	0		94
WÂDI HALFA	00	0	50	02	0	0	—	13.7		17	32		13		28	-2	0	dr.	
ABU HAMAD	20	3	30	02	0	0	—			22	35		15		27	2	0		
KAREIMA	70	2	30	02	0	0	—	11.5		20	33		16		35	4	0	dr.	1
'ATBARA											37								2
KHARTÛM	30	12	30	02	0	0	—	8.9		23	37		17		19	-2	0	dr.	4
KASSALA	50	10	30	02	0	0	—	6.9		25	40		20		54	15	0	3	8
WÂD MEDANI	50	9	35	02	0	0	—	8.3		22	39		19		53	12	0	46	12
RENK																			49
ROSEIRES																			37
EL OBEID											36								16
EL FÂSHER	300	3	30	03	2	6	cs			14	33		8		23	-7	0	6	6
GENEINA	50	12	30	03	0	3	ci			20	36		17		23	-2	0		4
MALAKÂL	50	10	30	03	2	8	ci	6.4		27	40		21		19	1	0	70	88
WÂU											40								151
JUBA	360	2	50	02	2	8	ac, ci	4.5		31	42		24		33	13	0	194	163

HUMIDITY % Mean of day

Station	on 2nd	Diff. from normal
Alexandria	75	+10
Ezbekiya	49	-12
Giza	56	-9
Helwân	22	26

GÎZA

GRASS MINIMUM TEMP. ON 3rd 11.3°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 2nd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	27	20	310	9
950					
900					
850	1518	18	20	240	9
800					
700	3123	2	27	250	21
600					
500	5746	-16		300	45
400	7399	-26		290	79
300	9418	-40		290	87

.... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

.... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 2nd

Station	Farouk		Luxor		Asyut		El Arish		Kharga		Matruh		Minya		Port Said		Fouad A.P.		Farouk		Fouad A.P.		Minya		Port Said	
Time	14		14	15	14		14	30	14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	10	350	11	330	7	210	8	80	6	340	8	130	6	320	5	340	18	20	9	330	8	160	3	350	4
600	280	12	330	8	330	8	40	2	70	7	290	5	150	4	280	2	280	8	20	7	320	9	250	8	270	1
1000	270	10	10	6	330	8	40	3	60	8	250	15	210	3	250	9	240	18	140	3	200	2	230	13	250	10
1500	250	16	60	11	250	5	210	7	60	8			250	9	240	10	240	17					220	12	230	21
2000	220	14	100	6	310	4	10	18					260	15	240	17									240	16
3000	240	24			320	8							260	25	260	11									250	25
4000					300	20							290	21	200	34										
5000					280	36																				
6000																										
7000																										
8000																										

Note: All times are G.M.T.

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time							2				6		2										2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	8			20	6	250	11									330	3
600							10	8			360	8	240	13									320	13
1000							20	7			290	18	230	19									290	15
1500							30	6			270	21	210	20										
2000							40	9			260	21												
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

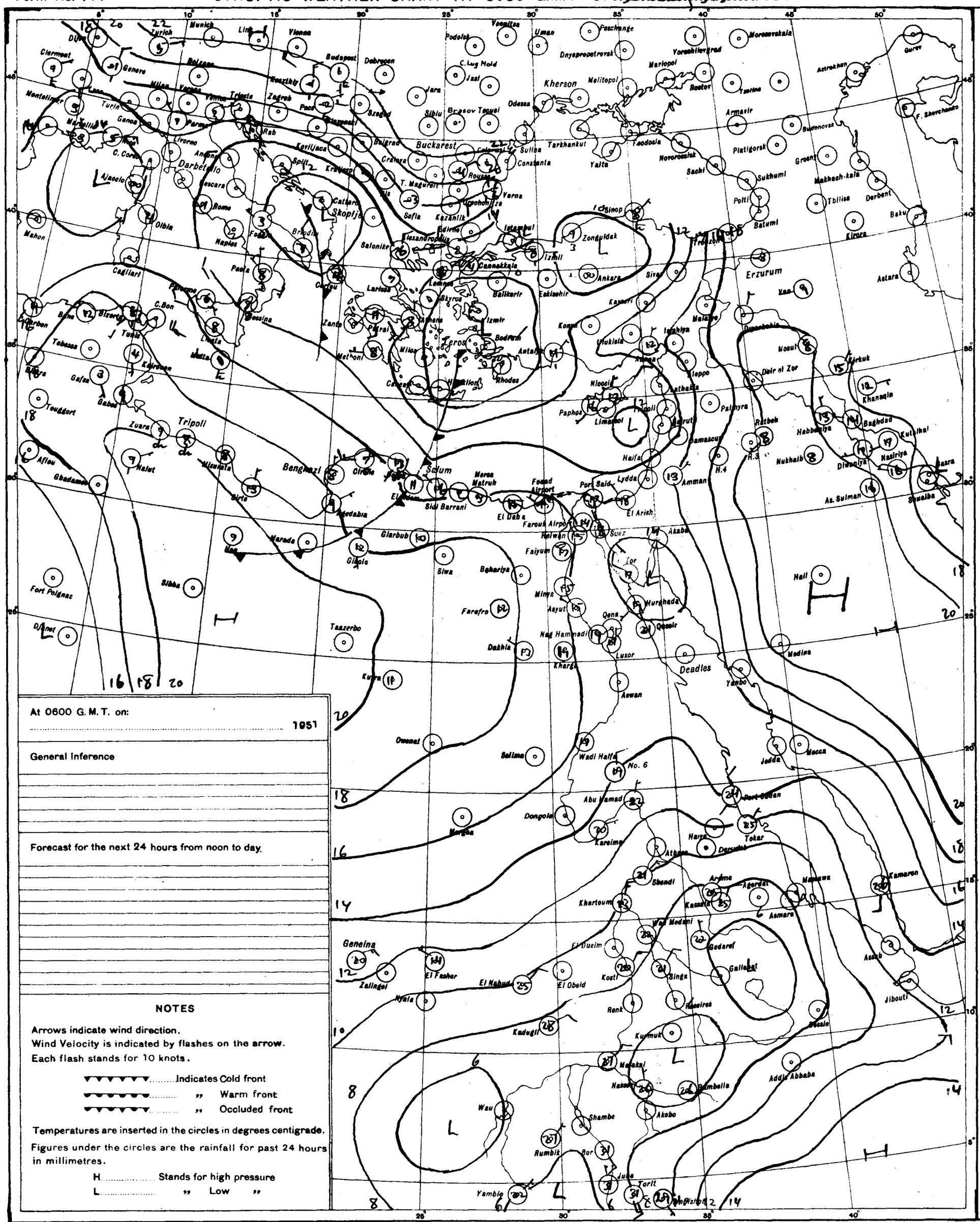
Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8				4		5		4		4		4	30				
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							100	2																
600							110	8			50	11	60	19	40	22	30	16						
1000							10	3			70	14	70	23	40	37	80	15	20	4				
1500							340	2			80	13			30	22	80	16	70	21				
2000															40	28								
3000											90	10	360	16	20	17	90	10						
4000															350	8								
5000															350	13								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 3/3 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 19 G.M.T.

" " Sunset 15 55 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Sunday 4th March, 1951

At 1200 on Saturday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	9	35	03	1	3	Cu	16.8	17	62	7
	303	SÎDI BARÂNI	310	7	15	03	1	4	Cu, ac	17.4	17	64	10
	306	MATRÛH	340	7	12	03	1	6	Cu, ac	17.7	18	60	9
	309	EL DABA	340	6	35	03	2	6	sc	17.7	18	60	10
		ALEXANDRIA	310	13	50	03	2	6	Cu, ac	17.1	18	73	13
	318	FOUAD (Airport)	320	11	18	02	2	7	ac, Ci	17.5	19	64	12
	330	DAMIETTA	340	5	7	02	2	7	as	17.0	18	73	13
	333	PORT SA'ÎD	350	9	18	03	1	8	cs	16.2	18	73	13
	336	EL 'ARISH	320	9	14	03	2	7	Cu, ac	15.2	20	83	17
Lower Egypt	339	DAMANHUR	310	13	15	03	2	8	ac	17.5	19	52	9
	342	MANSURA	320	5	35	03	2	6	ac		22	44	9
	348	TANTA	310	5	35	03	2	0	—	16.3	22	36	6
	354	ZAGAZIG	220	3	35	03	1	6	Ci	16.3	23	47	10
	440	ISMA'ILIA	290	13	15	03	2	8	ac	16.2	24	38	9
Cairo Area	366	FAROUK (Airport)	320	14	18	03	1	4	ac	16.9	22	41	8
	372	ALMAZA	340	12	15	03	2	6	cc	16.2	23	38	8
		EZBEKIYA	360	14	18	02	1	4	ac, Ci	16.4	23	34	6
		GIZA	360	14	18	02	1	4	ac, Ci	16.4	23	32	5
	378	HELWÂN	290	8	15	02	1	5	cc	16.2	23	32	5
Upper Egypt	381	FAIYÛM	360	5	35	01	1	2	cs	15.9	23	32	5
	387	MINYA	20	6	12	02	1	[illegible]	Ci	16.2	26	40	12
	393	ASYÛT MANQABÂD	330	9	18	00	0	0	—	14.8	28	27	7
	399	NAG' HAMMÂDI	00	0	35	01	0	3	ac	13.6	29	18	2
	402	QENA	270	2	50	00	0	0	—	13.0	34	18	6
	405	LUXOR	300	3	30	00	0	0	—	12.6	32	26	10
	414	ASWÂN	350	3	50	00	0	0	—	12.2	32	7	-8
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	16.0	25	42	11
	423	FARAFRA	340	10	32	02	2	8	Ci	16.8	26	25	4
	432	DAKHLA	340	16	50	00	0	0	—	14.4	29	29	6
	435	KHARGA	00	0	35	00	0	0	—	13.9	32	10	-3
Red Sea	450	SUEZ	360	4	50	01	0	3	sc	15.0	24	26	3
	459	TÛR	200	5	35	00	0	0	—	12.2	25	61	17
	462	HURGHADA	80	12	30	01	1	3	Ci	11.8	26	55	16
	465	QUSEIR	70	5	15	02	1	6	ac	14.2	24	69	18
	641	PORT SUDÂN	[illegible]	23	30	01	0	1	ac	11.2	27	66	20
North Sudan	600	WÂDI HALFA	10	12	50	02	0	0	—	10.6	33	7	-7
	640	ABU HAMAD											
	660	KAREIMA	20	12	30	02	0	0	—	7.4	35	10	-1
	680	'ATBARA	20	9	30	02	0	0	—	5.4	35	8	-5
	721	KHARTÛM	10	20	30	03	0	1	Ci	4.6	26	21	2
	730	KASSALA	30	5	30	02	0	0	—	999.3	29	43	15
Central Sudan	751	WÂD MEDANI	50	9	35	02	0	0	—	4.6	37	16	7
	801	RENK											
	802	ROSEIRES	360	23	35	00	0	0	—		39	15	8
	771	EL OBEID											
	760	EL FÂSHER	90	12	30	01	0	6	Ci				-1
	770	GENEINA	20	10	30	02	1	6	Ci				-2
S. Sudan	840	MALAKÂL	40		30	01	2		—	1.6	30	16	1
	880	WÂU	90	13	10	07	1	6	ac	0.7	39	10	2
	941	JUBA	340	5	30	03	1	8	Cu, ac	999.9	38	22	13

At 1800 on Saturday 3rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALUM	30	2	15	00	0	0	—	18.8	15	66	9	0
303	SÎDI BARÂNI	10	3	14	01	0	0	—	17.7	15	68	9	0
306	MATRÛH	40	3	14	01	1	0	—	18.5	14	67	6	0
309	EL DABA	00	0	7	00	0	0	—	18.0	13	68	11	0
	ALEXANDRIA	310	10	35	00	0	0	—	18.8	16	59	8	0
318	FOUAD (Airport)	320	5	12	01	1	0	—	18.9	14	82	11	0
330	DAMIETTA	220	5	7	01	1	4	Cu	18.4	15	88	13	0
333	PORT SA'ÎD	350	5	14	02	0	3	ac	18.1	17	68	11	0
336	EL 'ARISH												
339	DAMANHUR												
342	MANSURA	360	9		00	1	0	—	19.2	15	77	11	0
348	TANTA	00	0	35	02	1	0	—	19.5	15	68	9	0
354	ZAGAZIG	320	1	35	02	1	0	—	19.4	15	77	11	0
440	ISMA'ILIA	360	2	35	01	0	0	—	18.8	17	68	11	0
366	FAROUK (Airport)	40	3	12	00	1	0	—	19.1	16	68	10	0
372	ALMAZA	70	4	12	00	1	0	—	18.7	17	60	9	0
	EZBEKIYA	00	0	12	00	0	0	—	18.8	17	56	8	0
	GIZA	00	0	12	00	0	0	—	18.8	17	60	9	0
378	HELWÂN	360	5	7	01	2	0	—	18.6	17	42	4	0
381	FAIYÛM	00	0	35	01	0	0	—	17.7	18	37	3	0
387	MINYA	40	4	8	00	1	0	—	17.5	16	59	8	0
393	ASYÛT MANQABÂD	360	4	8	00	0	0	—	16.9	19	49	8	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	15.1	20	56	11	0
402	QENA	320	2	7	00	0	0	—	14.3	22	29	3	0
405	LUXOR	320	6	12	00	0	0	—	14.3	25	28	5	0
414	ASWÂN	350	4	50	00	0	0	—	12.5	28	11	-5	0
417	SÎWA												
420	BAHARÎYA	00	0	15	02	0	0	—	17.4	19	37	4	0
423	FARAFRA	360	4	15	01	2	0	—	17.8	18	37	3	0
432	DAKHLA	340	8	50	00	0	0	—	15.4	24	21	0	0
435	KHARGA	20	1	[illegible]	00	0	0	—	14.3	24	21	0	0
450	SUEZ	20	5	15	01	0	0	—	17.9	16	60	10	0
459	TÛR	30	5	7	00	0	0	—	13.8	23	50	12	0
462	HURGHADA	290	13	12	00	1	0	—	14.7	23	50	12	0
465	QUSEIR	180	23	15	01	1	0	—	14.0	23	65	16	0
641	PORT SUDÂN												
600	WÂDI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTÛM												
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	20	4	30	01	2	4	Cu	3.6	27	14	-3	0
760	EL FÂSHER	80	6	30	01	1	2	Ci		27	23	4	0
770	GENEINA	20	12	30	01	1	4	Ci		29	8	-9	0
840	MALAKÂL	350	7	30	02	2	8	cs	2.8	30	19	4	0
880	WÂU	20	2	30	01	1	2	ac	2.6	31	22	7	0
941	JUBA	90	5	30	03	2	8	ac, Ci	1.2	34	30	14	0

At 0600 on Sunday 4th March,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
62300	SALUM	220	1	15	03	2	5	cs	20.4		14	18		11		77	10	0	84		SALUM
303	SÎDI BARÂNI	160	3	14	00	0	0	—	20.5		13	18		7		72	8	0	98		SÎDI BARÂNI
306	MATRÛH	230	3	13	01	2	3	cs	21.2	+4	13	19		6		63	0	0	Rain		MATRÛH
309	EL DABA	00	0	15	00	0	0	—	20.7		16	19		7		66	10	0	49		EL DABA
	ALEXANDRIA	110	4	35	04	1	0	—	21.4	+4.5	17	19	-1	13	+1	68	11	0	55	172	ALEXANDRIA
318	FOUAD (Airport)	160	4	18	02	0	0	—	21.5		16	19		8		72	11	0	54	133	FOUAD (Airport)
330	DAMIETTA	220	2	7	01	1	2	ac	21.9	+5.7	14	19	0	9	-1	67	8	0	Rain	92	DAMIETTA
333	PORT SA'ÎD	300	3	14	02	0	1	Ci	21.1	+5.5	17	20		13		56	8	0	17		PORT SA'ÎD
336	EL 'ARISH	220	5	35	01	2	3	Cu	21.6	+4.9	18			12	+3	73	13	0	Rain	73	EL 'ARISH
339	DAMANHUR	230	5		02	0	0	—	22.2	+5.9	13			10	+1	77	9	0	29	84	DAMANHÛR
342	MANSURA	320	5	35	00	0	0	—	22.0	+5.7	12	23	+1	9	0	88	10	0	29	41	MANSÛRA
348	TANTA	00	0	35	02	0	0	—	21.9	+5.1	12	22	-1	7	-1	88	10	0	22	33	TANTA
354	ZAGAZIG	00	0	35	02	0	0	—	21.2	+4.5	11	27	+5	8	0	88	9	0	16	22	ZAGAZIG
440	ISMA'ILIA	140	2	35	01	1	3	Ci	21.6		16	25		11		68	10	0	17		ISMA'ILIA
366	FAROUK (Airport)	00	6	18	00	0	0	—	21.6		15	23		12		72	10	0	6		FAROUK (Airport)
372	ALMAZA	60	12	12	00	1	1	Ci	21.3	+4.5	16	23		13		59	8	0	11		ALMAZA
	EZBEKIYA	00	0	12	00	0	0	—	21.5	+4.7	15	24	+1	12	+3	72	10	0	8	19	EZBEKIYA
	GIZA	00	0	12	00	0	0	—	21.1	+4.1	14	24	+1	8	+1	77	10	0	10	19	GIZA
378	HELWÂN	40	3	15	00	0	0	—	21.6	+4.6	15	23	+1	12	+2	68	9	0	11	20	HELWÂN
381	FAIYÛM	330	4	35	02	0	0	—	21.3	+4.7	15	25	+1	10	+1	68	9	0	4	7	FAIYÛM
387	MINYA	340	5	8	03	1	7	Ci	20.8	+3.7	14	26		8		63	7	0	dr.		MINYA
393	ASYÛT MANQABÂD	00	0	8	03	1	4	Ci	20.4	+3.1	17	28		12		49	6	0	dr.		ASYÛT MANQABÂD
399	NAG' HAMMÂDI	00	0	15	01	0	2	ac	19.1	+2.6	17	33	+8	11	+4	52	7	0	0.1		NAG' HAMMÂDI
402	QENA	270	2	15	00	0	0	—	18.6	+3.0	17	35	+7	13	+3	52	7	0	0		QENA
405	LUXOR	00	0	30	00	0	0	—	18.4	+2.0	18	34		12		46	6	0	0		LUXOR
414	ASWÂN	330	6	50	00	0	0	—	18.0	+1.8	21	33	+5	17	+4	33	4	0	0		ASWÂN
417	SÎWA																			7	SÎWA
420	BAHARÎYA	00	0	35	02	1	4	ac	20.6	+3.3	18	26	+2	9	+1	52	8	0	0	7	BAHARÎYA
423	FARAFRA	00	3	35	03	0	0	—	21.0		14	27		10		48	3	0	dr.		FARAFRA
432	DAKHLA	00	0	50	00	0	0	—	19.2	+2.0	14	29	+2	12	+4	48	3	0	0		DAKHLA
435	KHARGA	360	1	35	03	1	4	Ci	18.4	+1.7	20	33	+6	17	+7	41	6	0	0		KHARGA
450	SUEZ	330	3	35	00	0	2	Ci	21.2	+5.1	14	26	+3	10	-1	77	10	0	0.3	12	SUEZ
459	TÛR	340	5	15	00	0	0	—	17.3	+1.8	20	30	+7	17	+6	46	8	0	4	12	TÛR
462	HURGHADA	260	9	30	03	0	1	Ci				26		15			5	0	0		HURGHADA
465	QUSEIR											28	+4							4	QUSEIR
641	PORT SUDÂN																			94	PORT SUDÂN
600	WÂDI HALFA	120	6	50	02	0	0	—	16.2		19	34		14		19	-5	0	dr.		WÂDI HALFA
640	ABU HAMAD																				ABU HAMAD
660	KAREIMA	50	18	30	02	0	0	—	10.6		13	35		19		34	-3	0	dr.	1	KAREIMA
680	'ATBARA																			2	'ATBARA
721	KHARTÛM	20	10	30	02	0	0	—	9.8		21	37		18		31	3	0	dr.	4	KHARTÛM
730	KASSALA	40	4	30	02	0	0	—				39		20				0	3	8	KASSALA
751	WÂD MEDANI	50	9	35	02	0	0	—	8.4		23	39		17		47	11	0	46	12	WÂD MEDANI
801	RENK																			49	RENK
802	ROSEIRES																			37	ROSEIRES
771	EL OBEID											36								16	EL OBEID
760	EL FÂSHER	280	3	50	02	1	5	Ci			27	35		11		14	-3	0	6	6	EL FÂSHER
770	GENEINA											37								4	GENEINA
840	MALAKÂL	40	4	30	03	1	4	ac, Ci	7.3		23	34		23		19	-2	0	70	88	MALAKÂL
880	WÂU											39								152	WÂU
941	JUBA	360	2	30	03	1	5	ac	6.4		31	37		24		38	15	0	194	164	JUBA

HUMIDITY % Mean of day

Station	on 3rd	Diff. from normal
Alexandria	63	-2
Ezbekiya	66	+5
Giza	60	0
Helwân	60	+12

GIZA GRASS MINIMUM TEMP. ON 4th 4.9°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 3rd At 12

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	147	20	41	350	9
950					
900					
850	1516	8	46	310	13
800					
700	3098	2		290	30
600					
500	5726	-16		290	62
400	7373	-26	95	290	91
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 3rd

Station	Farouk		Hurghada		Minya		Asyut		Port Said		Matruh		Dakhla		Kharga						Farouk		Fouad A.P.		Port Said	
Time	15		14	15	14		14		14		14		14		14						20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	9	150	16	340	22	340	18	40	19	[illegible]	14	40	15	340	6					60	11	310	9	290	6
600	350	10	120	3	350	16	340	16	50	17	340	10	50	13	330	9					20	9	310	9	300	7
1000	350	9	280	8	340	17	340	16	70	16	2[illegible]0	12	30	15	330	10					20	9	310	15		
1500	310	13	260	12	320	17	300	18	60	16					360	19					340	12	310	17		
2000	220	31	280	18	310	24	270	25	60	16											280	17			2[illegible]0	7
3000	290	30			280	33	290	26																		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		2		2				7		2				4	30					2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			110	9	30	4	300	9			50	6	30	18			40	4					10	19
600			80	6	30	4	310	8			20	10	10	22			10	4					30	20
1000			20	10	360	4	320	6			350	18	340	10			360	23					40	16
1500			210	17	290	23	350	4			320	23					350	9					20	17
2000											320	16											330	25
3000											310	30												
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		4		4				4				5		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							30	20	40	28														
600							30	20	50	36	40	26			30	19								
1000							20	20	50	36	50	22			30	44			40	36	30	13		
1500							340	21			30	19			40	26			60	19	60	27		
2000															60	13			80	14				
3000									350	11	350	11			60	14			90	5	70	[illegible]		
4000																			200	10				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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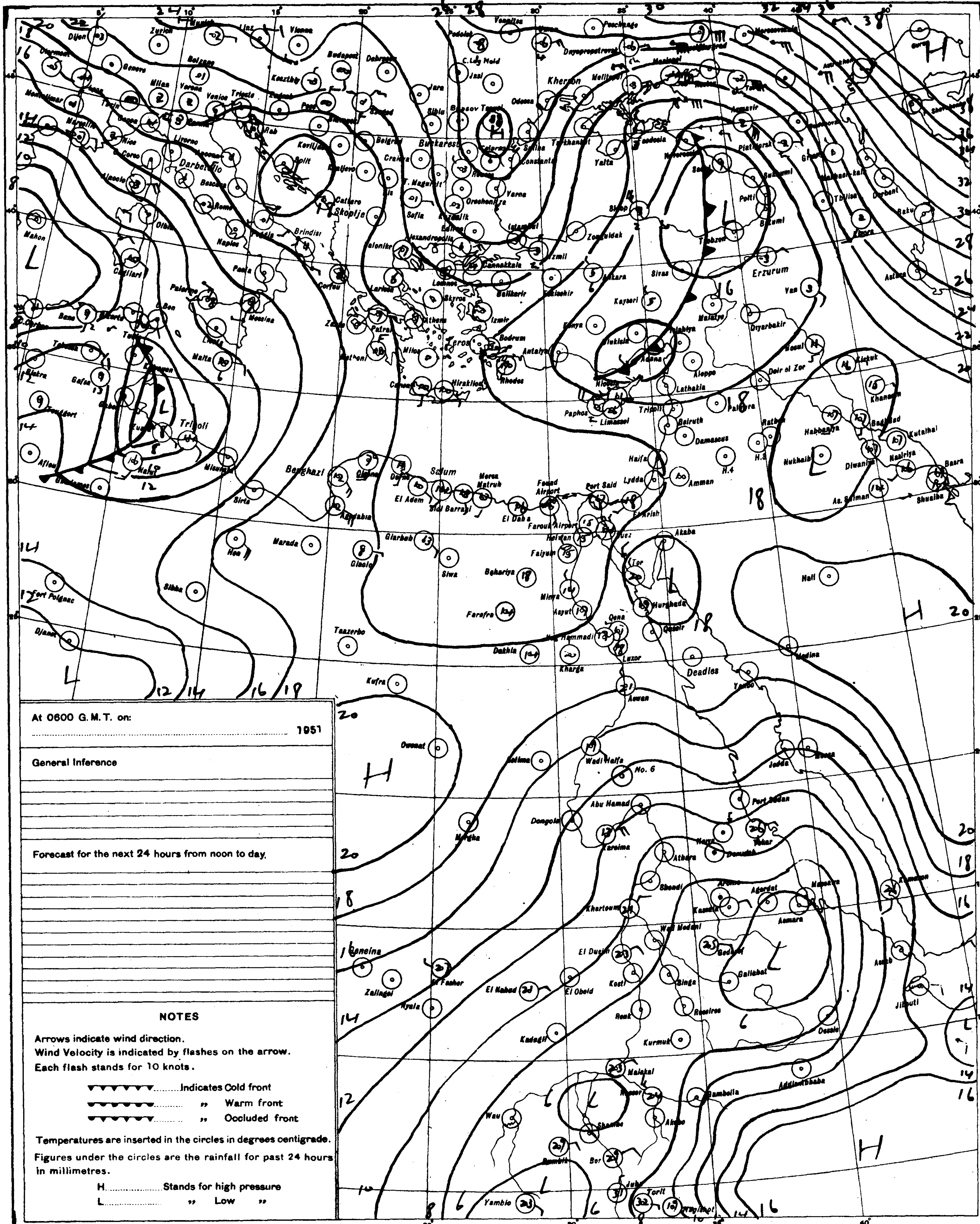
Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Sunday 4-3* 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
▼▼▼▼▼▼▼ .... „ Warm front
▼▼▼▼▼▼▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless .... 00. ○
Clouds dissolving .... 01.
State of sky generally unchanged .... 02.
Clouds developing .... 03.

Visibility more than 1000 metres:
- Visibility reduced by smoke .... 04.
- Dry haze .... 05. ∞
- Dust in the air .... 06. S
- „ or sand raised by wind .... 07. $
- Dust devil .... 08.
- Duststorm or sandstorm within sight or at station during last hour .... 09.
- Mist .... 10. =
- Shallow fog .... 12.

Lightning, no thunder heard .... 13.
Precipitation within sight .... 16. (•)
Thunder, no precipitation .... 17.

During past hour and not at time of observation:
- Squalls .... 18. ▽
- Drizzle .... 20. ,]
- Rain .... 21. •]
- Showers of rain .... 25.
- „ „ hail .... 27.
- Fog .... 28.
- Thunderstorm .... 29.

Duststorm or Sandstorm .... 31.
Fog .... 45.
Drizzle .... 50. ,
Rain .... 60. •
Showers of rain .... 80.
„ „ hail .... 87.
Rain } Thunderstorm during .... 91.
Hail } the past hour .... 93.
Thunderstorm with rain .... 95.
„ „ hail .... 96.
„ „ Sandstorm .... 98.

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds .... 0. ○
Some clouds .... 1.
Mainly overcast .... 2.
Sandstorm or Duststorm .... 3.
Fog or thick dusthaze *(vis less than 1000 m.)* .... 4.
Drizzle .... 5. ,
Rain .... 6. •
Snow or rain and snow .... 7. *
Showers of rain .... 8.
Thunderstorm with or without rain .... 9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th „ „ „ 2
3/8 „ „ „ „ 3
4/8 „ „ „ „ 4
5/8 „ „ „ „ 5
6/8 „ „ „ „ 6
7/8 „ „ „ „ 7
Sky completely covered 8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

M.A.H.

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 18 G.M.T.

" " Sunset 15 36 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 5th March, 1951

At 1200 on Sunday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	40	2	35	02	2	5	Ci	17.8	18	73	13
	303	SÎDI BARÂNI	70	13	13	02	1	5	ac	18.9	18	73	13
	306	MATRÛH	40	6	35	00	0	0	—	19.2	19	52	9
	309	EL DABʿA											
		ALEXANDRIA	20	5	50	01	2	2	Cu	20.6	16	68	10
	318	FOUAD (Airport)	340	10	18	03	1	2	Sc,ac	20.4	20	60	12
	330	DAMIETTA	340	5	35	03	1	5	ac	20.2	18	52	6
	333	PORT SAʿÎD	30	2	30	01	0	1	Ci	20.2	19	49	8
	336	EL ʿARISH	290	4	15	01	1	1	Ci	19.4	18	68	12
Upper Egypt	339	DAMANHUR	40	9	15	02	1	1	Cu	21.0	22	44	9
	342	MANṢURA	360	5	35	00	0	0	—	20.2	22	36	6
	348	TANTA	90	5	35	02	1	3	Ci	19.6	21	41	7
	354	ZAGAZIG	40	1	50	02	0	0	—	20.0	22	50	11
	440	ISMAʿÎLIA	90	5	35	02	1	3	Ci	19.6	21	41	7
Cairo Area	366	FAROUK (Airport)	360	9	18	00	0	0	—	19.3	21	44	8
	372	ALMÂZA	50	9	15	01	1	3	Ci	18.9	21	41	7
		EZBEKÎYA	360	8	18	02	1	2	ac,Ci	19.1	22	41	8
		GÎZA	360	8	18	02	1	2	ac,Ci	18.8	22	36	6
	378	HELWÂN	360	9	35	03	2	7	Ci	18.7	22	29	3
Upper Egypt	381	FAIYÛM	20	8	35	03	1	6	Ci	18.9	23	32	5
	387	MINYA	350	13	10	02	1	5	Ci	18.1	26	21	2
	393	ASYÛT MANQABÂD	360	8	14	03	1	4	Ci	16.5	27	17	0
	399	NAGʿ HAMMÂDI	290	1	35	01	0	4	ac	14.8	29	27	8
	402	QENA	320	2	15	03	1	3	Cu	13.6	31	12	-1
	405	LUXOR											
	414	ASWÂN	20	3	50	01	1	2	Ci	12.3	30	16	1
Oases	417	SÎWA											
	420	BAHARÎYA	90	2	35	03	2	7	—	17.9	25	42	11
	423	FARAFRA	40	6	35	02	2	7	Cs	18.2	26	30	7
	432	DAKHLA	340	8	50	00	0	0	—	16.0	30	25	8
	435	KHARGA	360	4	15	03	1	5	Ci	16.8	28	16	0
Red Sea	450	SUEZ	360	5	50	02	0	2	Ci	18.0	22	33	5
	459	TÛR	310	9	35	00	0	0	—	16.2	21	57	12
	462	HURGHADA	320	19	30	02	2	7	Ci	15.4	22	47	10
	465	QUSEIR	360	13	15	00	1	4	Ci	15.8	24	38	9
	641	PORT SÛDÂN	30	13	30	02	2	8	Cu,Ci	11.6	27	70	21
North Sudan	600	WÂDI HALFA	20	25	10	07	0	0	—	10.9	33	9	-4
	640	ABU HAMAD	360	9	30	02	0	0	—		36	6	-7
	660	KAREIMA	50	18	10	07	0	0	—	3.1	35	10	-1
	680	ʿATBARA											
	721	KHARTÛM	20	18	30	01	0	0	—	4.5	36	22	11
	730	KASSALA	310	4	30	02	0	0	—	1.3	40	20	14
Central Sudan	751	WÂD MEDANI	50	9	35	02	0	0	—	1.5	40	11	4
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	20	12	30	03	0	2	Ci	3.8	36	6	-8
	760	EL FÂSHER											
	770	GENEINA	20	13	30	01	1	1	Ci		35	13	3
S. Sudan	840	MALAKÂL											
	880	WÂU	90	7	30	02	0	1	ac	1.6	38	19	11
	941	JUBA	50	9	30	03	2	6	Cu,ac	999.6	40	20	13

At 1800 on Sunday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	290	1	15	02	1	4	Ci	14.3?	18	63	8	0
SÎDI BARÂNI	130	15	12	01	1	1	ac	14.2?	14	88	12	0
MATRÛH	160	12	14	02	2	6	ac	19.6	16	68	10	0
EL DABʿA	90	4	7	00	0	0	—	19.9	16	68	10	0
ALEXANDRIA	00	0	35	02	2	3	Sc	21.0	16	68	10	0
FOUAD (Airport)	40	5	12	01	2	2	ac	20.9	15	72	10	0
DAMIETTA	340	2	7	00	0	0	—	21.2	16	59	8	0
PORT SAʿÎD	60	3	18	03	0	0	—	20.7	16	59	8	0
EL ʿARISH	360	9	14	03	1	4	Cc	19.5	17	72	12	0
DAMANHUR	40	9	7	02	0	0	—	21.6	15	68	9	0
MANṢURA	40	5		00	0	0	—	21.6	15	68	9	0
TANTA	00	0	35	02	0	0	—	21.6	14	77	10	0
ZAGAZIG	40	3	35	02	0	0	—	20.7	16	68	10	0
ISMAʿÎLIA	20	5	35	01	0	0	—	21.1	16	59	8	0
FAROUK (Airport)	40	10	12	01	1	0	—	20.2	13	60	10	0
ALMÂZA	40	7	15	00	1	0	—	19.5	18	60	10	0
EZBEKÎYA	00	0	12	00	0	0	—	20.6	18	56	9	0
GÎZA	00	0	12	00	0	0	—	19.9	17	60	9	0
HELWÂN	360	2	15	01	1	0	—	20.2	18	46	6	0
FAIYÛM	00	0	35	01	0	0	—	19.5	18	52	8	0
MINYA	360	5	8	01	1	2	Ci	19.4	17	60	9	0
ASYÛT MANQABÂD	310	4	8	10	1	3	Ci	18.3	16	59	8	0
NAGʿ HAMMÂDI	00	0	7	01	0	3	ac	16.0	18	60	10	0
QENA	320	2	7	02	1	3	Cu	16.9	23	32	5	0
LUXOR	160	5	12	00	0	0	—	15.1	21	44	8	0
ASWÂN	350	4	50	00	0	0	—	14.2	25	22	2	0
SÎWA												
BAHARÎYA	00	0	15	02	1	0	—	16.4	19	52	9	0
FARAFRA	40	2	15	02	2	0	—	18.7	20	41	6	0
DAKHLA	340	6	50	00	0	0	—	17.5	25	22	2	0
KHARGA	40	4	15	00	1	0	—	17.5	24	24	2	0
SUEZ	40	2	7	00	0	0	—	15.9	20	41	6	0
TÛR	270	7	10	00	1	0	—	15.8	20	46	8	0
HURGHADA	330	9	15	01	1	3	Ci	16.0	22	36	6	0
QUSEIR	340	8	30	02	2	1	ac	13.0	25	79	21	0
WÂDI HALFA	10	12	30	02	0	0	—	12.4	25	24	3	0
ABU HAMAD	360	6	30	02	0	0	—		26	14	-4	0
KAREIMA	10	12	30	02	0	0	—	8.4	30	13	-1	0
ʿATBARA	20	5	30	02	0	0	—	6.3	31	17	3	0
KHARTÛM	20	10	30	02	0	0	—	5.6	31	22	7	0
KASSALA	30	12	10	07	0	0	—	4.6	29	43	15	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	9	30	02	0	0	—	5.4	28	11	-5	0
EL FÂSHER	70	10	30	01	0	0	—		27	9	-8	0
GENEINA	10	9	30	02	0	0	—		30	10	-5	0
MALAKÂL	360	2	30	02	0	0	—		33	30	13	0
WÂU	20	2	30	03	1			3.6	32	29	12	0
JUBA												

At 0600 on Monday 5th March

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	250	2	15	03	2	6	Ci	14.0	-2.5	17?	21	+1	14		39	-1	0	84	
SÎDI BARÂNI	180	20	6	07	0	8	ac	14.5		19?	19		14		52	9	0	98	
MATRÛH	140	8	14	02	2	7	ac,Cs	17.5	+0.8	16	21		14		52	6	0	Rain	
EL DABʿA	160	8	15	03	2	8	As	18.6		14	20		10		67	8	0	49	
ALEXANDRIA	130	11	35	04	2	6	As,Ci	19.8	+3.4	14	21	+1	12	0	67	8	0	55	172
FOUAD (Airport)	90	9	18	03	2	7	ac,Ci	20.1		14	21		11		77	10	0	54	134
DAMIETTA	90	2		03	2	7	ac	20.7	+4.6	16	20	+1	11	+1	77	12	0	Rain	93
PORT SAʿÎD	100	9	18	03	0	7	Cs	19.6	+4.1	17	20		14		64	10	0	17	
EL ʿARISH																			74
DAMANHUR	130	9		02	1	2	Ci	20.8	+4.5	13	23	+1	10	+1	77	9	0	29	85
MANṢURA	90	5	35	03	2	5	Ci	20.6	+4.3	12	23	+1	10	+1	88	10	0	29	42
TANTA	00	0	35	03	2	6	Ci	21.0	+4.2	13	22	-1	8	0	77	9	0	22	33
ZAGAZIG	40	2	35	03	0	3	Ci	20.2	+3.5	14	23	+1	10	+2	77	10	0	16	22
ISMAʿÎLIA	40	5	35	03	2	7	Ci	19.8		15	23		12		68	9	0	17	
FAROUK (Airport)	40	7	14	03	0	3	Ci	19.9		14	22		12		67	8	0	6	
ALMÂZA	40	5	12	03	0	2	Ci	19.1	+2.3	16	22		13		52	6	0	11	
EZBEKÎYA	350	8	12	00	0	0	—	19.4	+2.6	14	22	-1	11	+2	63	7	0	8	19
GÎZA	350	8	12	00	0	0	—	19.6	+2.6	13	22	0	7	0	77	9	0	10	19
HELWÂN	00	0	15	01	2	6	Ci	19.1	+2.3	16	22	-1	12	+2	42	3	0	11	20
FAIYÛM	20	4	35	03	1	3	Ci	19.1	+2.5	14	25	+1	10	+1	55	5	0	4	7
MINYA	320	2	8	03	0	0	—	18.9	+1.8	12	26		9		77	8	0	dr.	
ASYÛT MANQABÂD	320	4	8	10	0	3	Ci	18.3	+1.1	14	27		10		59	6	0	dr.	
NAGʿ HAMMÂDI											30								
QENA											33	+5							
LUXOR	40	3	30	00	0	0	—	16.9	+0.7	17	30		11		42	4	0	0	
ASWÂN											32	+4							
SÎWA																			7
BAHARÎYA	360	2	35	02	0	0	—	19.0	+1.7	18	26	+2	11	+3	60	10	0	0	7
FARAFRA	00	0	35	02	2	8	Cs	19.4		13	28		11		55	4	0	dr.	
DAKHLA	00	0	8	00	0	4	Ci	18.0	+0.9	16	30	+3	13	+4	36	1	0	0	
KHARGA	40	1	15	02	2	8	Cs	17.2	+0.5	20	29	+2	15	+5	33	3	0	0	
SUEZ	00	0	35	00	0	2	Ci	19.4	+3.3	15			8	-3	68	9	0	0.3	12
TÛR	20	2	15	00	0	0	—	14.8	-0.7	18	23	0	12	0	37	3	0	4	12
HURGHADA	250	6	30	02	2	3	Ci	16.6	+1.2	18	22		14		43	5	0	0	
QUSEIR	360	19	15	00	1	6	Ci	16.2	+1.3	21	26	+2	18	+2	41	7	0	dr.	4
PORT SÛDÂN	320	13	30	01	2	4	Sc,ac	13.3		25	28		20		70	19	0	154	94
WÂDI HALFA	350	3	30	03	0	2	Ci	15.1		17	34		14		37	2	0	dr.	
ABU HAMAD	360	5	30	02	0	0	—			22	37		18		19	-3	0		
KAREIMA	50	6	30	02	0	0	—	11.8		23	36		18		27	3	0	dr.	1
ʿATBARA	360	9	30	02	0	0	—	10.0		23	37		19		36	7	0	0.3	2
KHARTÛM	40	13	30	02	0	0	—	7.2		24	37		20		50	13	0	dr.	4
KASSALA	360	3	30	02	0	0	—	6.8		26	41		20		62	18	0	3	8
WÂD MEDANI	50	9	35	02	0	0	—	7.8		25	41		21		54	15	0	46	12
RENK																			49
ROSEIRES	230	5	35	02	0	0	—			26	42		23		45	13	0	0	37
EL OBEID	20	14	30	03	1	6	Ci	8.9		24	37		20		13	-7	0	6	16
EL FÂSHER	310	3	30	03	0	5	Ci			15	36		11		30	-3	0	6	6
GENEINA	10	14	30	01	2	7	Ci			21	37		19		11	-11	0		4
MALAKÂL	00	0	30	01	1	5	ac,Ci	8.0		27	40		25		48	15	0	70	88
WÂU	340	3	30	02	2	8	Cs	6.0		27	39		24		42	13	0	144	152
JUBA	180	5	10	05	2	7	ac,Cs	6.0		30	41		21		35	13	0	194	125

HUMIDITY % Mean of day

Station	on 4th	Diff. from normal
Alexandria	63	-2
Ezbeklya	60	-1
Giza	68	+3
Helwân	52	+4

GIZA GRASS MINIMUM TEMP. ON 5th 4.9°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 4th At 15½

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	164	20	41	30	7
950					
900					
850	1536	10	54	360	17
800					
700	3047	6	39	340	26
600					
500	5819	-12		300	64
400	7499	-22		300	66
300	9557	-36		300	47

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 4th

Station	Kharga		Matruh		Hurghada		Minya		Asyut		Dakhla		Port Said		Farouk		EL Arish		Foad A.P.		Foad A.P.		Minya		Port Said	
Time	14		14		14		14		14		14		14		15		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	14	110	16	340	24	360	23	360	19	10	49	20	9	30	13	180	14	70	22	60	9	350	5	60	9
600	360	17	140	10	330	28	360	22	350	13	360	25	210	3	30	13	350	34	60	19	330	4	20	9	10	6
1000	10	19	170	11	320	25	360	20	350	16	360	23	330	8	20	13	350	8	50	8	320	6	10	8	80	7
1500	30	16			320	23	360	30	360	18	360	8	340	14	360	17			10	13	300	25	20	10		
2000							360	35	360	20			320	11	340	17			350	16	320	19				
3000									360	24			240	4	340	26					310	3				
4000																										
5000															300	37										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time					8		2				7 30		2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					100	12	90	9			340	3	30	15									
600					100	12	90	11			60	11	20	20									
1000					110	5	90	13			40	6	20	19									
1500					260	5	40	5			360	24	30	16									
2000					310	9																	
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4						4 30		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									30	5													
600									70	17	40	19	50	20					30	36			
1000									60	11	60	19	60	24					40	15	40	17	
1500									50	20	50	21	50	37					90	7	50	25	
2000																					360	9	
3000									340	16	310	19	80	2									
4000																							
5000																							
6000																							
7000																							
8000																							

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

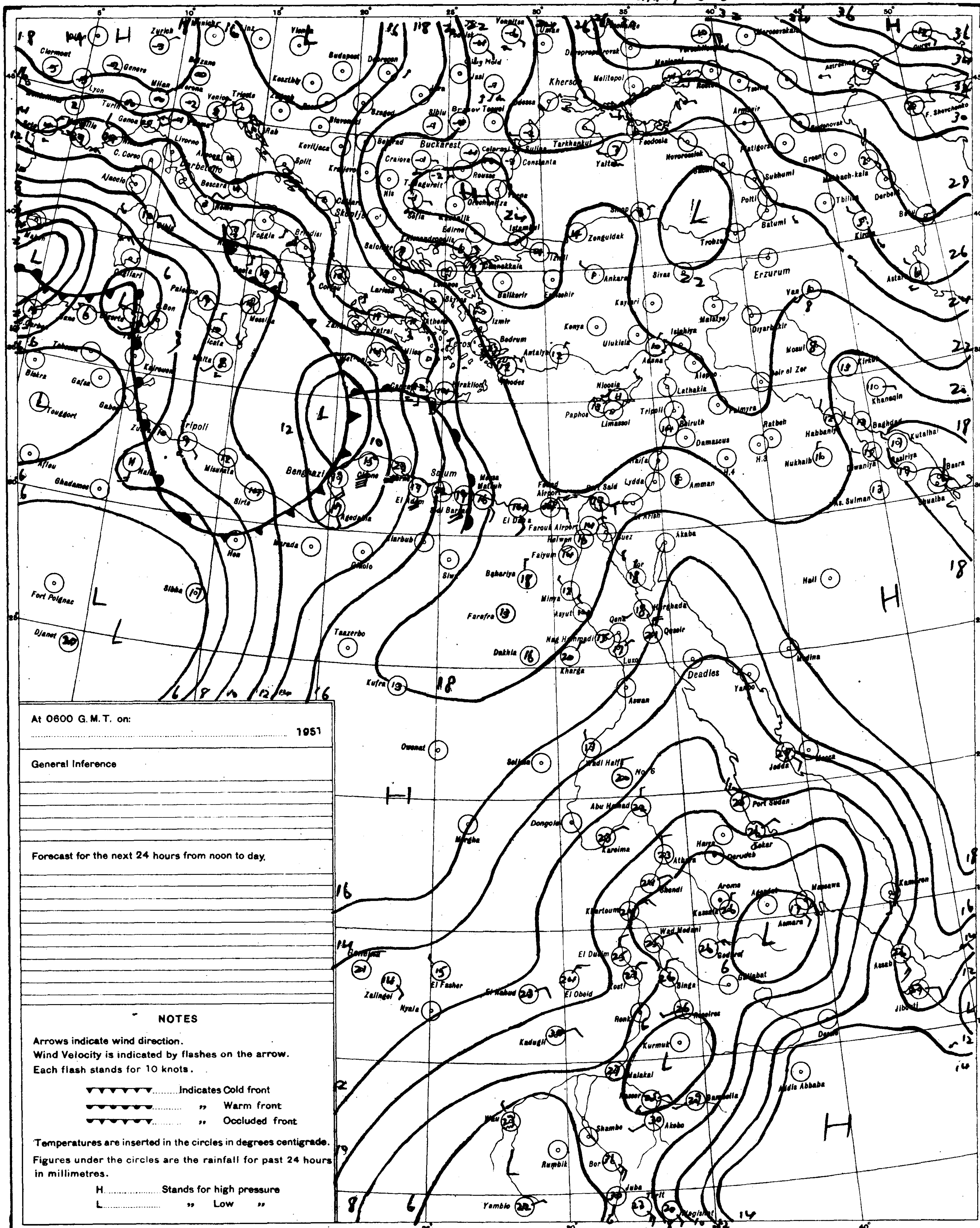
Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 5-3- 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(R)
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	R]
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	
Rain } Thunderstorm during	91	R]•
Hail } the past hour	93	R]△
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	S
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49)/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 17 G.M.T.

" " Sunset 15 57 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 6th March, 1951

At 1200 on Monday 5th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	200	9	35	02	2	5	Ci	13.8	23	34	6
	303	SIDI BARANI	170	17	6	07	2	5	ac	13.6	23	26	4
	306	MATRUH	190	14	15	01	1	5	sc	15.6	23	32	5
	309	EL DABA	160	8	35	00	0	0	—	15.4	25	28	5
		ALEXANDRIA	130	15	35	06	2	7	Ci	17.5	22	44	9
	318	FOUAD (Airport)	110	11	18	03	2	7	Cs	17.4	23	44	10
	330	DAMIETTA	20	5	35	01	1	4	ac	19.2?	20	56	11
	333	PORT SA'ID	90	12	30	03	1	5	Cs	18.7	19	68	12
	396	EL 'ARISH	20	9	15	01	1	3	Ci	18.7	18	83	15
LOWER EGYPT	339	DAMANHUR	130	9	15	02	1	2	Ci	18.3	23	44	10
	342	MANSURA	40	5	35	03	2	5	Cu	19.0	23	47	10
	348	TANTA	90	5	35	02	1	0	—	17.9	24	47	12
	354	ZAGAZIG	40	3	35	03	1	4	Ci	17.9	23	38	8
	440	ISMA'ILIA	70	2	35	03	2	2	Ci	17.8	24	26	3
CAIRO AREA	366	FAROUK (Airport)	50	10	30	02	2	7	Ci	17.6	25	17	-2
	372	ALMAZA	60	10	15	02	2	7	ac, Ci	17.0	25	12	-7
		EZBEKIYA	90	8	18	02	1	6	ac, Cs	17.2	26	13	-5
		GIZA	90	8	18	02	1	6	ac, Cs	17.0	26	13	-5
	378	HELWAN	70	5	15	02	2	7	Cc	15.9	28	11	-5
UPPER EGYPT	381	FAIYUM	20	4	35	03	1	4	Ci	16.3	27	20	2
	387	MINYA	330	11	10	03	1	4	Ci	16.2	29	20	4
	393	ASYUT MANQABAD	360	2	18	02	1	3	Ci	13.9	30	25	8
	399	NAG' HAMMADI	250	2	35	01	0	5	ac	14.0	29	35	12
	402	QENA	270	2	50	02	1	3	Cu	13.8	29	23	6
	405	LUXOR	20	10	30	03	2	5	Ci	13.4	30	33	12
	414	ASWAN	20	2	50	03	2	6	ac	11.5	31	31	6
OASES	417	SIWA											
	420	BAHARIYA		4	35	02	1	1	ac	16.2	30	25	8
	423	FARAFRA	130	3	35	02	2	6	Cs	16.2	29	29	9
	432	DAKHLA	360	5	50	01	2	2	Ci	14.6	31	22	7
	435	KHARGA	40	4	15	02	1	6	Ci	13.1	32	15	2
RED SEA	450	SUEZ	00	0	50	03	0	5	Sc	16.4	25	22	2
	459	TOR	310	2	35	00	0	0	—	14.5	23	32	5
	462	HURGHADA	320	8	30	03	2	7	Ci	13.6	22	69	16
	465	QUSEIR	360	19	15	02	2	5	Ci	15.5	24	32	6
	641	PORT SUDAN	20	18	50	02	1	0	—	9.8	28	58	19
NORTH SUDAN	600	WADI HALFA	350	14	50	03	1	5	Ci	10.8	32	11	-3
	640	ABU HAMAD	10	8	30	02	0	1	Ci		37	9	-1
	660	KAREIMA	40	11	30	02	0	0	—	7.3	37	12	3
	680	'ATBARA	50	23	10	07	0	0	—	4.9	37	10	0
	721	KHARTUM	10	17	15	02	0	1	Ci	4.5	37	19	10
	730	KASSALA	40	4	30	02	0	0	—	1.7	38	22	13
CENTRAL SUDAN	751	WAD MEDANI	20	9	35	02	1	3	Ci	3.7	38	16	8
	801	RENK	310	9	35	02	0	3	Ci		39	28	17
	802	ROSEIRES	20	9	35	02	0	0	—		40	17	11
	771	EL OBEID	40	8	10	03	1	7	Ci	4.6	35	12	1
	760	EL FASHER											
	770	GENEINA	80	4	10	03	2	8	Ci		35	7	-7
S. SUDAN	840	MALAKAL	90	3	30	01	1	5	ac, Ci	2.3	39	18	11
	880	WAU	70	3	30	03	2	8	Cu, ac	1.7	40	16	10
	941	JUBA	130	5	30	03	2	8	Cu, Ci	999.7	40	19	12

At 1800 on Monday 5th

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
62300	SALUM	290	1	15	02	1	3	Cs	14.3	15	59	7	0
303	SIDI BARANI	150	12	12	01	2	1	ac	13.8	18	52	8	0
306	MATRUH	140	15	9	02	2	7	ac, Ci	15.2	18	73	13	0
309	EL DABA	40	8	7	00	0	0	—	15.9	17	88	15	0
	ALEXANDRIA	90	11	35	00	0	0	—	17.8	18	60	10	0
318	FOUAD (Airport)	80	12	12	01	2	5	Cs	17.6	13	94	12	0
330	DAMIETTA	20	9	7	01	0	1	ac	19.0	17	64	10	0
333	PORT SA'ID	80	15	14	01	0	0	—	18.4	17	72	12	0
396	EL 'ARISH												
339	DAMANHUR	130	9	7	02	0	0	—	18.4	16	68	10	0
342	MANSURA	40	5		00	1	0	—	18.7	15	77	11	0
348	TANTA	00	0	35	02	0	0	—	19.1	15	68	9	0
354	ZAGAZIG	40	2	35	02	1	0	—	18.0	17	68	11	0
440	ISMA'ILIA	40	5	35	01	0	0	—	18.2	17	68	11	0
366	FAROUK (Airport)	70	13	13	00	2	0	—	18.0	20	46	8	0
372	ALMAZA	80	11	12	00	0	0	—	17.0	21	20	-3	0
	EZBEKIYA	20	4	12	00	0	0	—	17.2	20	33	3	0
	GIZA	20	4	12	00	0	0	—	17.4	21	26	1	0
378	HELWAN	40	12	7	01	1	4	Ci	16.7	22	16	-5	0
381	FAIYUM	00	0	35	01	0	0	—	17.1	20	41	6	0
387	MINYA	360	6	8	01	1	3	Ci	16.8	18	52	8	0
393	ASYUT MANQABAD	250	2	8	00	0	0	—	14.7	23	44	10	0
399	NAG' HAMMADI	00	0	7	01	0	3	ac	14.2	19	64	12	0
402	QENA	320	2	7	02	1	3	Cu	13.5	21	44	9	0
405	LUXOR	00	0	12	00	0	0	—	13.6	22	44	9	0
414	ASWAN	00	0	50	00	0	0	—	12.9	26	18	0	0
417	SIWA												
420	BAHARIYA	00	0	15	02	1	0	—	16.2	22	36	6	0
423	FARAFRA	110	4	15	02	2	0	—	15.8	17	56	8	0
432	DAKHLA	340	6	50	01	2	3	Ci	14.7	27	27	6	0
435	KHARGA	40	1	15	00	0	0	—	14.2	23	24	1	0
450	SUEZ	300	3	15	01	0	0	—	17.0	20	24	-1	0
459	TOR	20	2	7	00	0	0	—	13.6	20	73	15	0
462	HURGHADA	280	8	12	00	1	0	—	13.9	21	65	14	0
465	QUSEIR	330	9	15	01	1	0	—	14.8	21	57	12	0
641	PORT SUDAN	310	2	10	01	0	0	—	11.7	24	84	21	0
600	WADI HALFA	10	9	50	01	2	2	Cs	11.4	28	18	-1	0
640	ABU HAMAD	360	9	30	02	0	0	—		28	10	-6	0
660	KAREIMA	20	6	30	02	0	0	—	8.2	29	17	1	0
680	'ATBARA	50	13	10	07	0	0	—	6.3	30	16	1	0
721	KHARTUM	20	5	30	01	1	1	Ci	5.9	30	25	8	0
730	KASSALA	50	7	30	02	0	0	—	4.9	30	35	13	0
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	40	10	30	01	2	4	Ci	5.6	30	10	-5	0
760	EL FASHER	50	5	30	02	2	8	Cs		28	8	-10	0
770	GENEINA	360	8	10	05	1	5	Ci		30	11	-4	0
840	MALAKAL	00	0	30	01	1	6	ac, Ci	3.2	33	34	15	0
880	WAU	20	2	30	01	1	2	Ci	2.6	33	30	13	0
941	JUBA	50	2	30	01	2	5	Cs	2.4	33	32	14	0

At 0600 on Tuesday 6th March,

INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM											26								
303	SIDI BARANI	250	3	12	00	0	7	Cs	12.2		20	26		12		46	8	0	98	
306	MATRUH	270	20	10	03	0	7	Cs	12.0	-4.7	20	25		15		24	-1	0	Rain	
309	EL DABA	160	1	15	00	0	0	—	12.6		14	25		11		67	8	0	49	
	ALEXANDRIA	130	16	35	04	1	8	sc	14.4	-2.0	15	23	+3	13	+1	77	11	0	55	122
318	FOUAD (Airport)	130	6	12	03	1	7	Cs	14.7		14	24		12		83	11	0	54	134
330	DAMIETTA	140	5	7	03	1	5	ac	16.4	+0.3	18	20	+1	11	+1	73	13	0	Rain	93
333	PORT SA'ID	140	9	12	02	0	1	Ci	15.2	0.3	18	20		16		56	9	0	17	
396	EL 'ARISH																			74
339	DAMANHUR	180	9		02	1	4	ac	15.5	-0.8	15	24	+2	10	+1	77	11	0	29	85
342	MANSURA	90	5	35	03	2	5	ac	15.6	-0.7	16	25	+3	12	+3	68	10	0	29	42
348	TANTA	00	0	35	03	2	7	ac	15.1	-1.7	15	24	+1	12	+4	77	11	0	22	33
354	ZAGAZIG	40	1	15	03	0	4	Cs	15.2	-1.4	18	28	+5	13	+5	56	9	0	16	22
440	ISMA'ILIA	140	2	35	03	2	8	Ci	15.6		18	25		15		52	8	0	17	
366	FAROUK (Airport)	240	2	14	03	2	7	Cs	15.3		18	26		15		52	8	0	6	
372	ALMAZA	00	0	12	02	2	7	Ci	14.7	-2.0	19	26		15		52	9	0	11	
	EZBEKIYA	00	0	12	02	1	7	sc	14.8	-1.9	18	26	+2	13	+3	56	9	0	8	19
	GIZA	00	0	12	02	1	7	Sc	15.0	-1.9	17	26	+3	10	+3	68	11	0	10	19
378	HELWAN	00	0	3	06	2	7	ac, Cc	14.6	-2.3	21	28	+5	17	+7	26	1	0	11	20
381	FAIYUM	00	0	35	03	2	8	ac	15.7	-0.9	16	28	+1	12	+3	49	5	0	4	7
387	MINYA	00	0	8	00	0	0	—	15.5	+1.5	14	30		10		67	8	0	dr.	
393	ASYUT MANQABAD	00	0	8	10	0	0	—	15.5	-1.6	19	32		15		40	5	0	dr.	
399	NAG' HAMMADI	00	0	7	02	1	5	—	15.0	-1.4	20	31	+6	11	+3	46	8	0	0.1	
402	QENA	40	2	15	00	0	0	—	14.4	-1.1	20	32	+3	15	+5	33	3	0	0	
405	LUXOR	00	0	30	00	0	0	—	14.4	-1.7	21	31		11		33	4	0	0	
414	ASWAN	00	0	50	01	1	3	Ci	14.6	-1.4	22	33	+4	16	+3	25	1	0	0	
417	SIWA																			7
420	BAHARIYA											31	+7							7
423	FARAFRA	00	0	35	02	2	7	Ci	15.8		17	32		8		52	7	0	dr.	
432	DAKHLA	00	0	50	00	0	0	—	15.1	-1.9	16	32	+5	13	+4	42	3	0	0	
435	KHARGA	00	0	15	00	0	0	—	14.7	-1.9	19	33	+6	14	+4	37	4	0	0	
450	SUEZ	00	0	35	00	0	0	—	15.4	-0.7	19	27	+4	11	0	46	7	0	0.3	13
459	TOR	00	0	7	00	0	0	—	14.7	-0.7	20	24	+1	13	+1	56	11	0	4	12
462	HURGHADA	00	0	30	03	0	5	Ci	14.3	-1.0	22	23		12		29	3	0	0	
465	QUSEIR	360	9	15	00	0	0	—	14.3	-0.5	22	26	+2	18	+2	29	3	0	dr.	4
641	PORT SUDAN	140	11	30	01	1	4	Sc, Ci	12.2		25	30		21		42	11	0	154	94
600	WADI HALFA	00	0	50	03	1	4	Ci	13.3		17	34		14		26	-3	0	dr.	
640	ABU HAMAD	360	3	30	02	0	2	Ci			23	37		16		19	-2	0		
660	KAREIMA	90	3	30	02	0	0	—	10.9		21	37		17		26	1	0	dr.	1
680	'ATBARA	20	9	30	02	0	1	Ci	10.0		23	37		18		34	6	0	0.3	2
721	KHARTUM	10	9	30	02	0	0	—	9.2		23	37		19		41	9	0	dr.	4
730	KASSALA	30	1	30	02	0	0	—	6.5		26	39		20		55	18	0	3	8
751	WAD MEDANI	50	13	35	02	0	0	—	7.5		25	40		19		47	13	0	46	12
801	RENK																			49
802	ROSEIRES	270	5	35	02	0	0	—			24	41		21		47	12	0	0	37
771	EL OBEID	30	12	30	03	0	3	Ci	8.6		25	37		19		14	-5	0	6	16
760	EL FASHER	290	3	30	02	2	8	ac			17	36		14		30	-1	0	6	6
770	GENEINA	20	10	30	03	1	5	Ci			21	37		14		11	-11	0		4
840	MALAKAL	20	6	30	03	2	8	ac, Ci	6.7		28	41		23		20	3	0	70	88
880	WAU	360	5	30	01	2	8	ac	5.6		28	40		24		35	11	0	144	153
941	JUBA	50	2	30	02	2	6	ac, Ci	6.0		31	41		23		62	23	0	174	166

HUMIDITY %

Mean of day

STATION	on 5th	Diff. from normal
Alexandria	65	0
Ezbeklya	41	-20
Giza	50	-15
Helwan	25	-23

GIZA

GRASS MINIMUM TEMP. ON 6th 7.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

FAROUK AIRPORT — On 5th At 15h.

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	148	24	14	60	12
950					
900					
850	1540	14	29	40	12
800					
700	3147	4	41	320	24
600					
500	5690	-13		300	43
400	7456	-25		300	52
300	9475	-42		300	73

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

STATION	Fouad A.P.		Minya		Asyut		Farouk		Kharga		Hurghada		El Arish		Dakhla		Port Said		Imetrak		Fouad A.P.		Fouad A.P.		Minya	
TIME	14		14		14		15		14		14		14 30		16		14		14		20		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	100	17	10	14	10	16	70	17	60	7	350	17	220	12	160	10	90	12	170	8	80	27	110	24	50	16
600	100	13	40	13	10	19	80	16	60	9	340	19	60	12	150	7	90	7	170	11	90	13	130	23	50	13
1000	140	14	60	16	20	16	80	11	40	10	330	9			100	25	80	11	170	17	110	11	160	23	60	11
1500	220	9	60	17	40	14	40	12	10	14	340	7					110	5	210	19	80	6	220	18	70	7
2000	270	9	40	14	50	14	340	16											250	12	60	8	170	5	330	7
3000					350	17	320	24			330	16														
4000																										
5000							310	27																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk	
TIME					2		2						2										2	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR	VEL.
300					160	23	50	17					60	7									130	12
600					190	19	60	16					70	6									140	8
1000					220	18	70	14					100	12									160	5
1500							70	15					40	3									160	7
2000													350	7									280	11
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME							8		4				5		4		4						4	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300							60	6	30	9														
600							90	11	70	21			60	14	30	18	50	7					30	22
1000							60	11	60	19			60	21	40	23	100	11					30	34
1500							70	16	60	21			50	23	40	21	40	13					30	23
2000							50	11	40	35														
3000									360	18			360	18	20	17	70	9					90	5
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

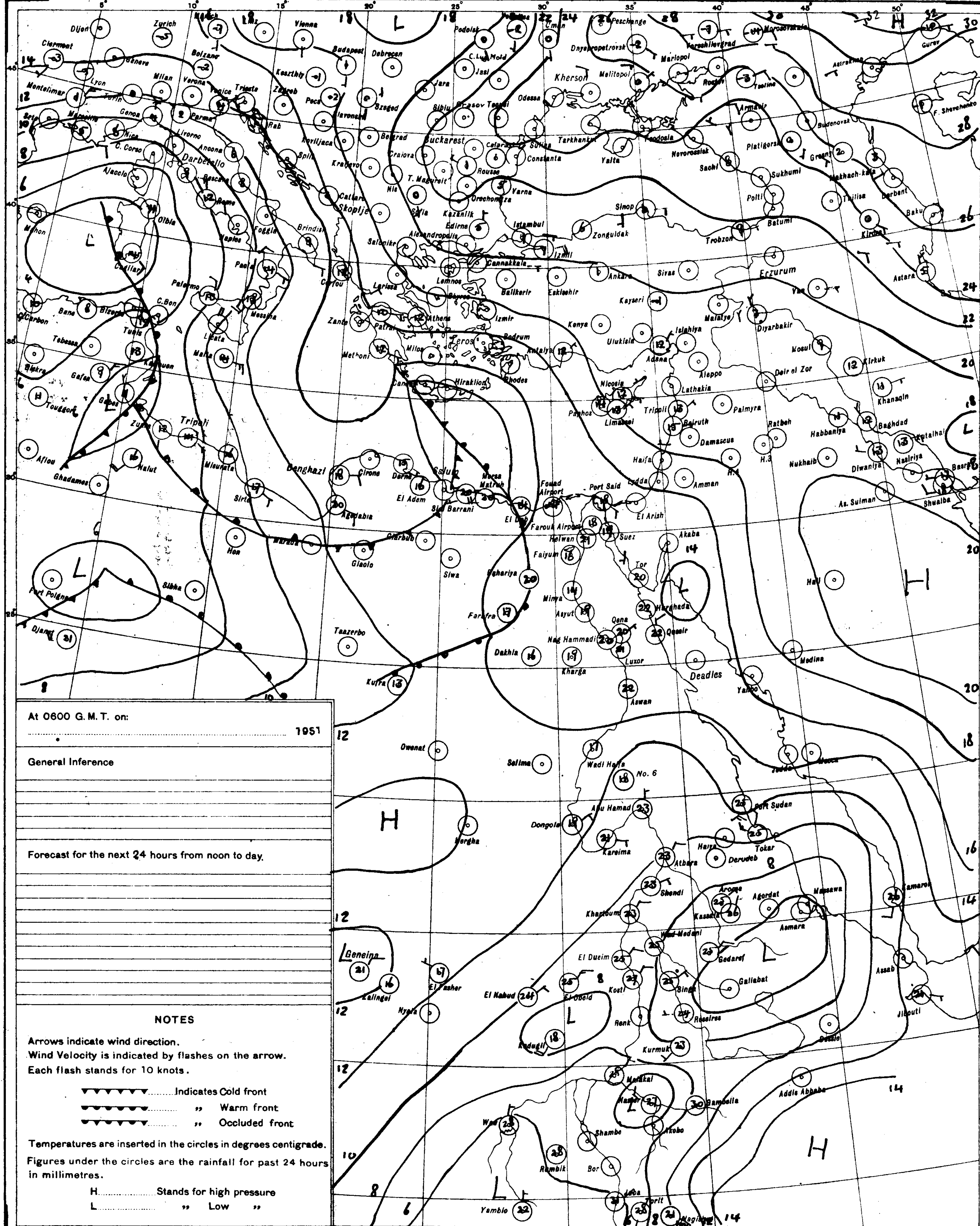
Printed by the Survey of Egypt 1949 (49/557).(50/521)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 6/3/ 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 16 G.M.T.

" " Sunset 15 58 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 7th March, 1951

At 1200 on Tuesday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	2	35	02	1	5	Ci	12.7	22	44	9
	303	SÎDI BARÂNI	300	4	10	03	2	8	Sc, ac	13.0	22	36	6
	306	MATRÛH	10	8	10	02	2	2	ac	13.2	24	28	4
	309	EL DABA	220	6	35	03	2	8	Cu, sc	13.4	22	27	3
		ALEXANDRIA	360	6	35	03	2	4	Cu, Ci	13.1	24	54	14
	318	FOUAD (Airport)	320	10	18	02	2	6	ac, Ci	12.9	25	39	10
	330	DAMIETTA	110	5	35	01	1	1	ac	14.7	23	65	16
	333	PORT SA'ID	80	9	15	01	0	1	ac	14.1	21	74	16
	336	EL 'ARISH	40		15	03	1	2	sc	14.1	20	83	17
Lower Egypt	339	DAMANHUR	310	5	15	02	1	2	Ci	13.8	33	24	10
	342	MANSURA	40	3	35	02	1	2	ac	15.1	31	31	12
	348	TANTA	00	0	35	01	1	4	ac	15.2	31	31	12
	354	ZAGAZIG	220	1	50	03	1	3	Ci	14.2	31	38	15
	440	ISMA'ILIA	160	2	35	01	1	6	Ci	13.6	31	28	10
Cairo Area	366	FAROUK (Airport)	250	10	18	02	2	7	ac	14.1	32	28	11
	372	ALMAZA	250	10	15	01	2	6	Ci	13.2	32	15	2
		EZBEKIYA	00	0	18	02	1	5	ac, Ci	13.4	31	26	9
		GÎZA	00	0	18	02	1	5	ac, Ci	13.5	33	30	13
	378	HELWÂN	00	0	7	03	2	8	cs	13.2	31	17	3
Upper Egypt	381	FAIYÛM	00	0	35	02	2	8	ac	13.3	34	27	12
	387	MINYA	300	2	10	03	1	4	Ci	12.9	34	20	8
	393	ASYÛT MAMQABÂD	330	4	14	03	1	4	Ci	12.3	33	21	8
	399	NAG' HAMMÂDI	00	0	15	00	1	4	ac	12.3	32	34	14
	402	QENA	220	9	50	03	1	1	Ci	11.4	35	19	8
	405	LUXOR	340	13	30	02	1	3	Ci	11.0	33	24	13
	414	ASWÂN	330	3	50	00	0	0	—	10.5	33	11	-1
Oases	417	SÎWA											
	420	BAHARÎYA	00	0	35	02	1	3	ac	13.1	35	23	11
	423	FARAFRA	00	0	35	02	2	7	cs	14.0	35	29	14
	432	DAKHLA	180	6	50	03	0	2	Ci	12.6	34	27	12
	435	KHARGA	00	0	15	02	1	2	Ci	11.6	35	19	8
Red Sea	450	SUEZ	00	0	50	01	0	4	sc, ac	12.8	29	23	6
	459	TÛR	340	10	15	00	0	0	—	12.8	24	54	14
	462	HURGHADA	30	2	30	02	2	5	Ci	12.2	27	55	17
	465	QUSEIR	20	13	15	02	1	3	Ci	13.9	25	54	15
	641	PORT SUDÂN	40	13	30	01	1	1	Ci	9.4	28	58	19
North Sudan	600	WÂDI HALFA	360	10	50	03	0	2	Ci	9.6	33	13	1
	640	ABU HAMAD	40	6	30	02	0	0	—		35	13	3
	660	KAREIMA	50	6	30	02	0	0	—	6.7	35	13	3
	680	'ATBARA											
	721	KHARTÛM	20	13	30	03	0	2	Ci	4.5	37	20	11
	730	KASSALA	360	8	30	02	0	0	—	1.7	38	21	12
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	60	13	30	01	1	5	Ci	3.4	36	10	0
	760	EL FÂSHER	60	8	30	03	2	7	Cs		35	8	-5
	770	GENEINA	20	4	30	02	2	7	Cs		36	10	-1
E. Sudan	840	MALAKÂL	360	7	30	02	2	8	ac, Ci	1.7	40	13	7
	880	WÂU	50	9	30	02	0	1	ac	1.6	40	11	4
	941	JUBA	300	11	30	03	2	6	Cu, Ci	999.7	41	17	11

At 1800 on Tuesday 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	360	10	15	02	1	5	Ci	12.1	18	46	6	0
SÎDI BARÂNI	00	0	11	01	2	3	ac	14.4	18	88	16	0
MATRÛH	330	3	12	02	2	8	ac	15.0	18	83	15	0
EL DABA	00	0	7	00	0	0	—	13.7?	19	64	12	0
ALEXANDRIA	360	4	35	03	2	8	Cs	13.9	21	50	10	0
FOUAD (Airport)	00	0	12	02	2	8	sc	13.7	20	78	16	0
DAMIETTA	140	5	7	02	1	1	ac	14.0	19	83	16	0
PORT SA'ID	120	11	14	01	1	3	ac	13.4	19	83	16	0
DAMANHUR	360	5		02	0	0	—	14.4	22	57	13	0
MANSURA	90	5		00	1	0	—	14.2	22	57	13	0
TANTA	00	0	35	02	1	0	—	14.3	20	73	15	0
ZAGAZIG	40	3	35	02	1	0	—	13.8	24	47	12	0
ISMA'ILIA	90	2	35	01	0	0	—	13.1	24	38	9	0
FAROUK (Airport)	160	8	15	01	0	0	—	13.8	26	40	11	0
ALMAZA	180	11	12	00	0	0	—	13.1	26	25	4	0
EZBEKIYA	00	0	12	02	1	2	ac, Ci	13.4	21	53	11	0
GÎZA	00	0	12	02	1	2	ac, Ci	13.3	20	60	12	0
HELWÂN	00	0	7	02	2	4	ac, Ci	13.2	26	18	0	0
FAIYÛM	00	0	35	01	1	2	ac	14.3	23	61	15	0
MINYA	00	0	8	00	1	4	Ci	13.7	23	38	8	0
ASYÛT MAMQABÂD	230	3	8	10	0	0	—	12.7	26	30	7	0
NAG' HAMMÂDI	00	0	15	01	0	4	ac	12.3	32	34	14	0
QENA	270	2	7	02	1	2	Ci	12.4	25	34	8	0
LUXOR	20	8	12	00	0	0	—	12.1	27	30	8	0
ASWÂN	00	0	50	00	0	0	—	11.9	27	20	2	0
SÎWA	10	5	10	02	2	8	ac, Cs	12.6	29	20	4	0
BAHARÎYA	00	0	15	02	1	0	—	14.2	23	38	8	0
FARAFRA	40	4	15	01	2	0	—	13.9	25	34	8	0
DAKHLA	240	2	50	00	0	0	—	14.2	25	43	11	0
KHARGA	00	0	15	00	0	0	—	13.6	26	13	-5	0
SUEZ	00	0	15	01	0	0	—	14.6	20	56	11	0
TÛR	310	1		00	0	0	—	13.6	20	73	15	0
HURGHADA	00	0			0	0	—	12.5	22	33	5	0
QUSEIR	330	9	15	01	1	0	—	13.5	22	50	11	0
PORT SUDÂN	340	1	30	02	0	0	—	11.1	25	84	22	0
WÂDI HALFA												
ABU HAMAD	350	1	30	02	1	3	Ci		28	11	-5	0
KAREIMA	10	3	30	02	0	0	—	7.8	28	19	2	0
'ATBARA	90	6	30	03	0	0	—	6.8	28	25	6	0
KHARTÛM												
KASSALA	30	4	30	02	0	0	—	6.1	28	37	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	20	6	30	01	2	4	Ci		32	6	-11	0
GENEINA												
MALAKÂL												
WÂU												
JUBA												

At 0600 on Wednesday 7th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	00	0	15	03	1	4	Ci	13.5		20	25		16		73	15	0	54	
SÎDI BARÂNI	90	12	14	00	0	8	ac	14.3		18	22		11		83	15	0	48	
MATRÛH	150	11	14	02	2	7	ac	15.7	-1.0	17	30		14		88	15	0	Rain	
EL DABA	40	5	15	03	2	8	ac	15.7		17	23		13		77	13	0	49	
ALEXANDRIA	40	5	50	02	2	2	sc, ac	15.9	-0.5	18	30	+9	16	+4	88	16	0	55	173
FOUAD (Airport)	20	6	12	03	4	4	ac, Ci	15.9		18	32		12		88	16	0	54	134
DAMIETTA	20	5	7	03	1	4	ac	15.8	-0.3	18	23	+4	16	+6	88	16	0	Rain	93
PORT SA'ID	60	9	12	02	1	4	Cs	14.8	-0.7	19	21		17		83	16	0	17	
EL 'ARISH																			75
DAMANHUR	40	5	3	28	4	0	—	16.3	0.0	16	34	+12	14	+5	88	14	0	29	85
MANSURA	360	5	35	02	1	3	ac	15.8	-0.4	17	32	+10	15	+6	77	13	0	29	42
TANTA	310	2	35	01	1	4	Ci	15.3	-1.5	15	32	+9	11	+3	88	13	0	22	33
ZAGAZIG	00	0	35	02	0	0	—	14.9	-1.7	15	32	+9	13	+5	88	13	0	16	22
ISMA'ILIA	180	2	35	03	1	6	Ci	15.0		19	35		15		52	9	0	17	
FAROUK (Airport)	200	5	6	05	0	5	Cs	15.6		18	32		16		68	12	0	6	
ALMAZA	00	0	12	03	1	6	Cs	15.1	-1.6	19	32		16		64	12	0	11	
EZBEKIYA	350	4	12	02	1	6	ac, Cs	15.8	-0.9	18	33	+9	16	+6	68	12	0	8	19
GÎZA	350	4	12	02	1	6	ac, Cs	15.5	-1.4	18	34	+11	13	+6	60	10	0	10	19
HELWÂN	00	0	7	02	2	8	Cs	15.5	-1.3	19	32	+9	17	+7	46	7	0	11	20
FAIYÛM	00	0	35	03	1	4	Ci	15.4	-1.2	20	35	+11	14	+5	46	8	0	4	7
MINYA	00	0	8	03	1	4	Ci	15.4	-1.6	17	34		12	+3	60	9	0	dr.	
ASYÛT MAMQABÂD	360	2	8	10	0	0	—	14.4	-2.6	20	34		16		46	8	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	14.8	-1.5	20	34	+9	13	+5	56	11	0	0.1	
QENA	360	2	15	00	0	0	—	13.8	-1.6	20	37	+8	15	+5	41	6	0	0	
LUXOR	00	0	30	00	0	0	—	13.9	-2.1	20	34		13		38	5	0	0	
ASWÂN	00	0	50	00	0	0	—	14.2	-1.6	24	35	+6	17	+3	36	8	0	0	
SÎWA	90	4	10	03	0	3	Ci	14.3	-4.0	19	36	+12	16	+9	49	8	0	dr.	7
BAHARÎYA	270	2	35	02	1	4	ac	15.0	-2.2	22	35	+11	14	+6	44	9	0	0	7
FARAFRA	180	2	35	03	0	0	—	16.8		18	37		13		46	6	0	dr.	
DAKHLA	00	0	50	03	1	3	Ci	15.1	-1.9	20	36	+9	15	+6	41	6	0	0	
KHARGA	00	0	15	03	1	4	Ci	13.2	-3.3	23	35	+8	17	+7	32	5	0	0	
SUEZ	00	0	35	00	0	3	Ci	15.0	-1.0	18	31	+8	14	+3	60	10	0	0.3	13
TÛR	20	1	7	00	0	0	—	14.0	-1.3	20	25	+2	15	+3	41	6	0	4	12
HURGHADA	240	7	30	03	0	2	Ci	13.6	-1.6	24	29		16		26	3	0	0	
QUSEIR	330	9	15	02	0	0	—	14.0	-0.8	23	27	+3	20	+4	22	0	0	dr.	4
PORT SUDÂN	50	9	35	02	1	3	ac	16.7		21	31		16		50	10	0	154	94
WÂDI HALFA	00	0	50	03	2	1	Ci	12.9		19	35		15		32	2	0	dr.	
ABU HAMAD	20	2	30	02	0	0	—			24	37		18		26	3	0		
KAREIMA	50	4	30	02	0	0	—	11.6		23	38		20		34	6	0	dr.	1
'ATBARA	20	9	30	02	0	0	—	10.1		25	37		19		36	9	0	0.3	2
KHARTÛM																			4
KASSALA											39								8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID	50	2	35	01	3	5	Ci	9.5		24	38		17		57	15	0	6	16
EL FÂSHER											36								6
GENEINA	50	7	30	03	1	5	Ci			15	38		15		18	-9	0		4
MALAKÂL																			89
WÂU																			153
JUBA	360	5	30	02	6	8	Sc, Cu	7.9		31	41				36	14	dr.	194	167

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	59	-6
Ezbekiya	50	-11
Gîza	58	-7
Helwân	20	-28

GÎZA GRASS MINIMUM TEMP. ON 7th 8.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 6th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	115	30	17	240	4
950					
900					
850	1532	16	26	270	6
800					
700	3142	3	35	270	19
600					
500	5785	-14		300	43
400	7445	-26		290	72
300	7464	-42		290	80

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 6th

Station	Sûwa		Kharga		Minya		Asyut		Dakhla		Port Said		Matruh		Hurghada		El Arish		Farouk		Fouad A.P.		Minya		Port Sudan	
Time	14		14		14		14		14		14		14		14	15	14	30	20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	270	16	180	2	290	6	330	3			260	10	310	15	90	5	200	9	250	10	360	10	20	6	250	8
600	270	13	310	4	300	6			330	3	190	6	290	10	60	9	250	4	270	10	320	16	310	5	280	9
1000	250	12	30	4	250	3	110	2	300	6	290	10	280	8	20	9	280	5	290	15	310	15	290	6	330	6
1500	250	14			30	3	60	7			280	21	330	7	10	8	310	9	270	13	320	16	320	8	270	13
2000	250	16			20	3	50	9			290	16	320	5	20	7	300	14	250	17			180	4	240	18
3000	270	13			330	6	360	12			240	15											300	3		
4000					300	21	310	17																		
5000							300	37																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Mamqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					8		2				7	15	2										2	30
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					60	14	40	14			330	3	130	6									180	4
600					50	5	80	8			360	2	230	2									240	7
1000					20	6	80	9			270	5	320	2									240	10
1500					350	4	80	8					320	6									240	11
2000					60	12																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		5				4		4		4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									90	11														
600									80	23	70	17			40	22	80	4					20	14
1000									20	24	70	20			40	28	100	9	40	27			30	31
1500									70	19	50	20			70	17	60	13	30	16			40	32
2000															30	15			50	4				
3000											350	17					50	18	70	17			60	12
4000																			90	16			50	13
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

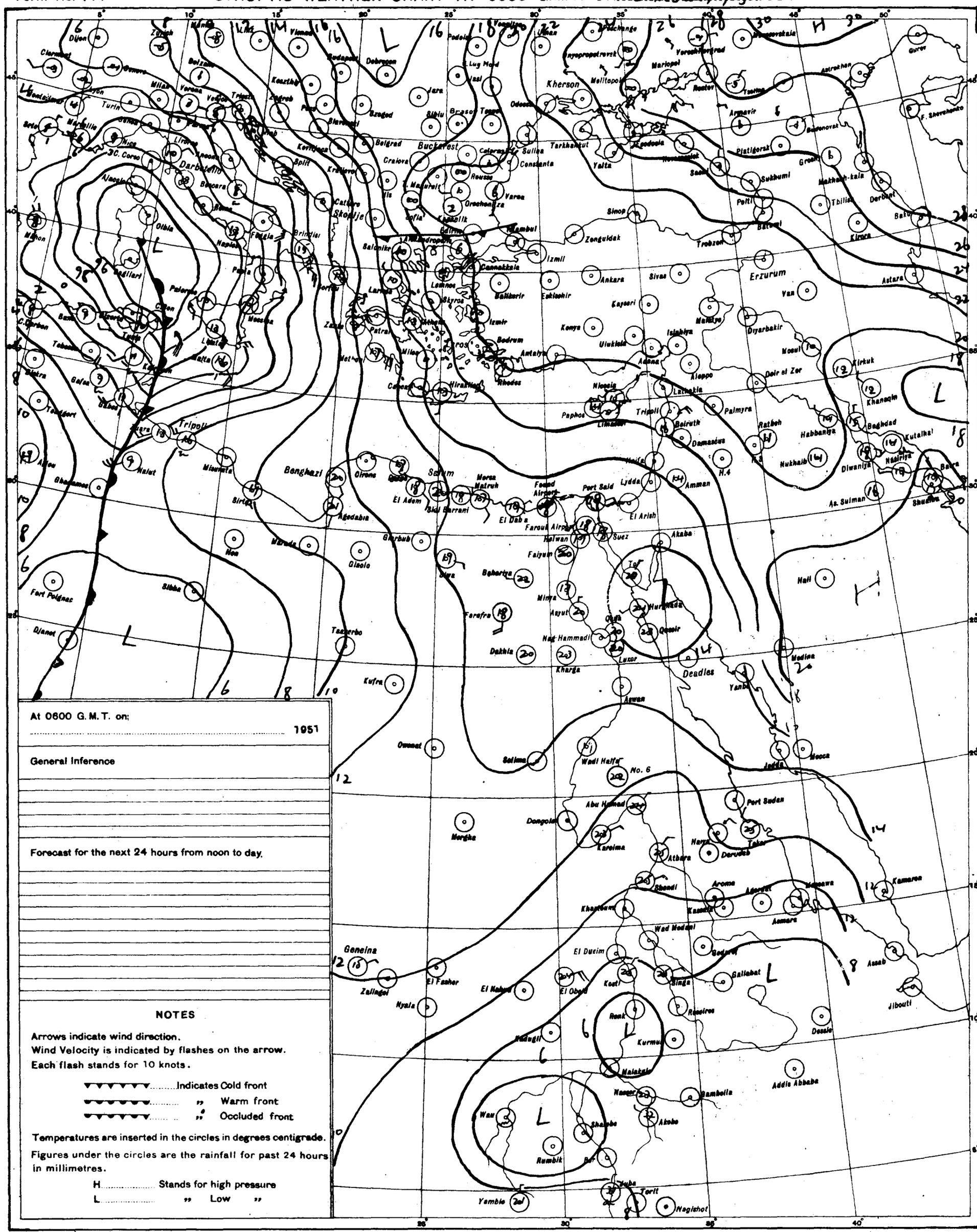
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 7-3-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 15 G.M.T.

" " Sunset 15 58 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 8th March, 1951

Area	Index Number	Station	At 1200 on Wednesday 7th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SIDI BARANI	90	9	14	03	2	5	ac,ac	14.0	20	83	17
	306	MATRUH	120	11	8	02	2	6	Ci	14.0	22	65	15
	309	EL DABA	70	7	35	02	1	4	Cu	13.7	20	64	13
		ALEXANDRIA	360	15	50	03	2	3	Cu, Ci	14.2	20	83	17
	318	FOUAD (Airport)	40	12	18	02	2	4	Ci	14.4	25	58	16
	330	DAMIETTA	20	5	35	03	1	6	Ac	13.9	20	83	17
	333	PORT SA'ID	50	8	11	03	1	7	Cs	13.0	20	77	16
	336	EL 'ARISH	360	5	18	03	1	4	Ci	13.2	21	83	18
Lower Egypt	339	DAMANHUR	90	5	15	02	1	1	Ci	15.1	27	42	13
	342	MANSURA	90	5	35	03	2	6	Ac	15.0	27	52	16
	348	TANTA	00	0	35	03	2	5	Ac	14.7	28	52	17
	354	ZAGAZIG	40	1	50	03	1	3	Ci	13.4	28	55	17
	440	ISMA'ILIA	320	2	35	03	2	8	Ci	13.9	30	31	11
Cairo & Delta	366	FAROUK (Airport)	20	5	10	03	2	7	Ci	14.6	27	35	11
	372	ALMAZA	30	4	6	01	2	7	Cs	14.1	28	40	13
		EZBEKIYA	350	4	18	02	1	1	Ac, Ci	14.0	28	40	13
		GIZA	350	4	18	02	1	1	Ac, Ci	13.8	29	40	14
	378	HELWAN	00	0	3	05	2	8	Cs	13.4	30	22	6
Upper Egypt	381	FAIYUM	00	0	35	02	1	4	Ci	13.3	30	31	11
	387	MINYA	20	1	10	02	1	2	Ci	12.4	35	25	12
	395	ASYUT MANQABAD	360	2	10	10	0	0	—	12.3	34	27	12
	399	NAG' HAMMADI	00	0	35	00	0	0	—	12.4	34	47	21
	402	QENA	40	1	50	00	0	0	—	11.2	37	14	6
	405	LUXOR	360	7	30	00	0	0	—	11.1	34	19	7
	414	ASWAN	350	6	50	00	0	0	—	9.8	36	10	0
Oases	417	SIWA	100	10	11	06	2	8	Cs	13.1	31	38	15
	420	BAHARIYA	180	3	35	03	1	5	Ac	12.2	36	20	10
	423	FARAFRA	110	8	35	02	2	6	Ci	12.4	36	25	13
	432	DAKHLA	00	0	50	00	0	0	—		36	25	13
	435	KHARGA	00	0	15	02	1	1	Ci	11.1	36	17	7
Red Sea	450	SUEZ	40	4	35	03	0	8	Sc	12.8	29	35	12
	459	TOR	310	5	15	00	0	0	—	12.4	28	40	13
	462	HURGHADA	20	2	30	02	1	3	Ci	12.0	27	55	17
	465	QUSEIR	20	9	15	02	0	0	—	13.4	28	40	13
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM	20	13	30	02	0	1	—	4.5	40	20	13
	780	KASSALA	30	8	30	02	0	0	—	2.0	38	25	15
Central Sudan	751	WAD MEDANI	50	9	35	02	0	0	—	2.3	40	11	4
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	60	13	30	02	2	7	Ci	4.4	36	10	-1
	760	EL FASHER											
	770	GENEINA	360	4	30	03	1	6	Ci		38	7	-4
S. Sudan	840	MALAKAL	90	8	30	02	2	8	Cs	2.0	40	13	7
	880	WAU											
	941	JUBA	230	5	35	02	1	6	Ac	1.8	39	24	15

Station	At 1800 on Wednesday 7th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	210	1	15	01	0	0	—	13.5	18	95	17	0
SIDI BARANI												
MATRUH	150	13	10	01	1	0	—	12.4	17	88	15	0
EL DABA												
ALEXANDRIA	90	16	75	02	2	2	Cu, Ci	14.2	18	83	15	0
FOUAD (Airport)	50	9	12	02	2	8	Ac, Ci	14.1	18	88	16	0
DAMIETTA	20	5	7	02	1	5	Ac	13.1	18	88	16	0
PORT SA'ID	50	9	14	02	0	1	Ci	13.3	18	88	16	0
EL 'ARISH												
DAMANHUR	90	9	7	02	0	0	—	14.7	20	73	15	0
MANSURA	40	5		00	1	0	—	15.4	19	83	16	0
TANTA	00	0	35	02	1	0	—	15.1	19	73	14	0
ZAGAZIG	40	3	35	02	1	0	—	14.2	20	83	17	0
ISMA'ILIA	20	5	35	03	1	6	Cs	14.8	20	72	15	0
FAROUK (Airport)	70	7	12	00	2	0	—	14.4	23	61	15	0
ALMAZA	60	6	6	01	2	5	Ci	13.8	24	54	14	0
EZBEKIYA	40	6	12	00	0	0	—	14.2	23	61	15	0
GIZA	40	6	12	00	0	0	—	13.9	24	61	16	0
HELWAN	360	11	3	01	1	2	Ci	13.4	25	42	11	0
FAIYUM	00	0	35	01	0	0	—	14.3	26	37	10	0
MINYA	00	0	8	02	1	4	Ac	13.2	25	42	11	0
ASYUT MANQABAD	240	2	8	00	1	0	—	12.4	27	35	10	0
NAG' HAMMADI	00	0	15	00	0	0	—	12.3	28	45	15	0
QENA	270	2	7	00	0	0	—	11.6	26	37	10	0
LUXOR	00	0	12	00	0	0	—	11.4	26	37	10	0
ASWAN	00	0	50	00	0	0	—	11.2	28	22	4	0
SIWA												
BAHARIYA												
FARAFRA												
DAKHLA												
KHARGA	00	0	15	00	1	0	—	11.5	24	32	6	0
SUEZ	290	4	15	01	0	0	—	13.8	23	61	15	0
TOR	180	1		00	0	0	—	12.4	22	83	19	0
HURGHADA	00	0	10	00	0	0	—	11.6	22	57	13	0
QUSEIR	360	5	15	02	0	0	—	12.7	25	42	11	0
PORT SUDAN	350	2	30	02	0	0	—	12.1	25	79	21	0
WADI HALFA	10	5	50	02	0	0	—	9.8	28	19	2	0
ABU HAMAD	360	3	30	02	0	0	—		29	19	3	0
KAREIMA	20	4	30	02	0	0	—	8.3	31	16	2	0
'ATBARA	360	5	30	02	0	0	—	6.5	29	22	5	0
KHARTUM												
KASSALA	20	6	30	02	0	0	—	4.9	29	35	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	5	30	02	1	4	Ci		27	14	-3	0
EL FASHER												
GENEINA	360	6	30	02	1	2	Cs		29	11	-5	0
MALAKAL												
WAU												
JUBA	340	3	30	02	1	1	Cs	4.9	29	31	10	0

Station	At 0600 on Thursday 8th March: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	290	2	15	00	0	0	—			18	24		16		83	15	0	84	
SIDI BARANI																			
MATRUH	300		3	07	0	3	Ac	9.8	-6.9	21	23		15		38	6	0	Rain	
EL DABA																			
ALEXANDRIA	130	22	50	02	2	3	Cu	11.4	-5.0	19	22	+1	16	+4	73	14	0	55	173
FOUAD (Airport)	110	7	12	03	1	3	Ac	11.0		18	25		16		83	15	0	54	134
DAMIETTA	140	2	7	02	1	5	Ac	11.7	-4.4	20	21	+2	17	+7	83	17	0	Rain	94
PORT SA'ID	110	10	11	02	1	5	Ac	10.6	-4.8	19	22		17		88	17	0	17	
EL 'ARISH																			75
DAMANHUR	130	5	15	03	1	3	Ci	12.6	-3.7	19	28	+6	16	+7	73	14	0	29	86
MANSURA	90	5	35	03	2	5	Ac	12.4	-3.8	19	29	+6	15	+6	67	13	0	29	43
TANTA	130	5	35	03	2	7	Cu	12.0	-4.8	19	29	+6	14	+6	73	14	0	22	33
ZAGAZIG	40	2	35	03	1	3	Cu	12.2	-4.3	18	29	+7	14	+6	83	15	0	16	22
ISMA'ILIA	100	2	35	01	1	4	Ac	12.7		21	31		17				0	17	
FAROUK (Airport)	320	3	4	03	2	5	Sc, Ac	12.7		22	30		20		53	12	0	6	
ALMAZA	160	3	10	01	2	5	Ac, Cs	11.4	-5.2	23	30		18		61	15	0	11	
EZBEKIYA	00	0	12	02	1	5	Ac, Cs	11.9	-4.7	21	29	+5	17	+7	65	14	0	8	20
GIZA	00	0	12	02	1	5	Ac, Cs	12.3	-4.6	23	30	+7	14	+6	61	15	0	10	19
HELWAN	00	0	7	01	1	5	Ac, Cs	11.8	-5.0	25	30	+7	19	+9	34	8	0	11	21
FAIYUM	00	0	35	03	1	4	Ac	12.3	-4.2	23	33	+9	18	+9	44	10	0	4	7
MINYA	160	5	8	02	1	4	Ci	12.3	-4.7	22	35		15		36	6	0	dr.	
ASYUT MANQABAD											35								
NAG' HAMMADI	00	0	15	02	1	6	Ac	13.6	-2.6	21	37	+11	13		50	10	0	0.1	
QENA	130	1	15	03	1	2	Ci	13.8	-1.6	21	38	+9	15	+5	41	7	0	0	
LUXOR	00	0	30	00	0	0	—			22	36		14		31	4	0	0	
ASWAN	00	0	50	01	1	2	Ci	13.2	-2.5	25	37	+8	20	+6	24	3	0	0	
SIWA																			7
BAHARIYA																			7
FARAFRA																			
DAKHLA																			
KHARGA	00	0	15	02	1	2	Ci	13.3	-3.1	24	36	+8	16	+6	32	6	0	0	
SUEZ	180	2	35	00	0	0	—	12.4	-3.6	22	31	+8	16	+5	57	13	0	0.3	13
TOR	20	1	35	00	0	0	—	14.2	-1.0	21	31	+8	15	+3	41	7	0	4	12
HURGHADA	240	3	30	03	0	3	Ci	12.7	-2.5	24	28		16		34	7	0	0	
QUSEIR	310	5	15	00	0	3	Ci	13.5	-1.2	23	29	+5	21	+5	82	5	0	dr.	4
PORT SUDAN	330	8	30	02	0	0	—	12.9		24	31		19		69	18	0	154	94
WADI HALFA	10	4	50	02	0	0	—	13.0		22	38		16		19	-3	0	dr.	
ABU HAMAD	30	3	30			2	Ci			26	38		18		21	2	0		
KAREIMA	90	3	30	02	0	0	—	11.5		24	38		20		36	3	0	dr.	1
'ATBARA	20	9	30	02	0	0	—			24	39		19		30	5	0	0.3	2
KHARTUM	10	3	30	02	0	0	—	8.1		24	40		18		47	12	0	dr.	4
KASSALA	50	3	30	02	0	0	—	7.8		25	38		18		61	17	0	3	8
WAD MEDANI																			12
RENK	260	9	35	02	0	3	Ci			30	41		19		18	3	0		49
ROSEIRES	360	5	50	02	0	0	—			25	41		19		36	9	0	0	37
EL OBEID																			16
EL FASHER											38								6
GENEINA	80	6	30	03	2	7	—			17	39		13		19	-7	0		4
MALAKAL	50	6	30	03	2	8	Cs	8.2		29	41		22		17	1	0	70	89
WAU	230	2	30	01	2	7	Ac	8.7		24	38		22		50	13	0	144	154
JUBA	360	5	30	03	2	7	Ac	10.9		29	39				55	19	dr.	194	168

HUMIDITY %

Mean of day

Station	on 7th	Diff from normal
Alexandria	81	+16
Ezbeklya	59	-1
Giza	58	-7
Helwân	37	-11

GIZA

GRASS MINIMUM TEMP. ON 8th 11.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 7th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	28	31	30	3
950					
900					
850	1531	18	32	300	7
800					
700	3157	5	33	290	19
600					
500	5814	-13	—	290	33
400	7487	-24	—	290	45
300	9523	-39	93	290	72

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 7th

Height m.	Siwa Dir.	Siwa Vel.	Farouk Dir.	Farouk Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Luxor Dir.	Luxor Vel.	S. Barrani Dir.	S. Barrani Vel.	Farouk 20 Dir.	Farouk 20 Vel.	Fouad AP. 20 Dir.	Fouad AP. 20 Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
Time	14		15		14	15	14		14									
300	120	22	30	4	90	11	340	7	110	24	90	20	90	17	50	10	40	9
600	140	34	340	3	110	4			140	24	70	12	130	10	70	6	50	9
1000	160	30	310	3	190	14	350	6	150	23	40	5	330	3	110	3	60	7
1500	190	21	300	7	280	13	10	6	150	12	280	7	20	4	330	10	80	7
2000	180	26	290	9							220	5	300	11				
3000	200	24	290	15														
4000																		
5000			300	28														
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport 2 Dir.	Fouad Airport 2 Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwân Dir.	Helwân Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk 4 Dir.	Farouk 4 Vel.
300					240	21	100	20					130	11									130	13
600					220	36	110	8					160	17									170	8
1000							120	10					160	16									180	8
1500							190	5					200	11									240	16
2000													240	18									250	20
3000													260	12										
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa 4 Dir.	Wâdi Halfa 4 Vel.	Abû Hamad 4 Dir.	Abû Hamad 4 Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakâl 4 Dir.	Malakâl 4 Vel.
300									80	12														
600									70	17	70	18											20	24
1000									60	19	60	19											30	38
1500									70	13	20	19											20	27
2000									70	22														
3000									340	12	340	18											90	5
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

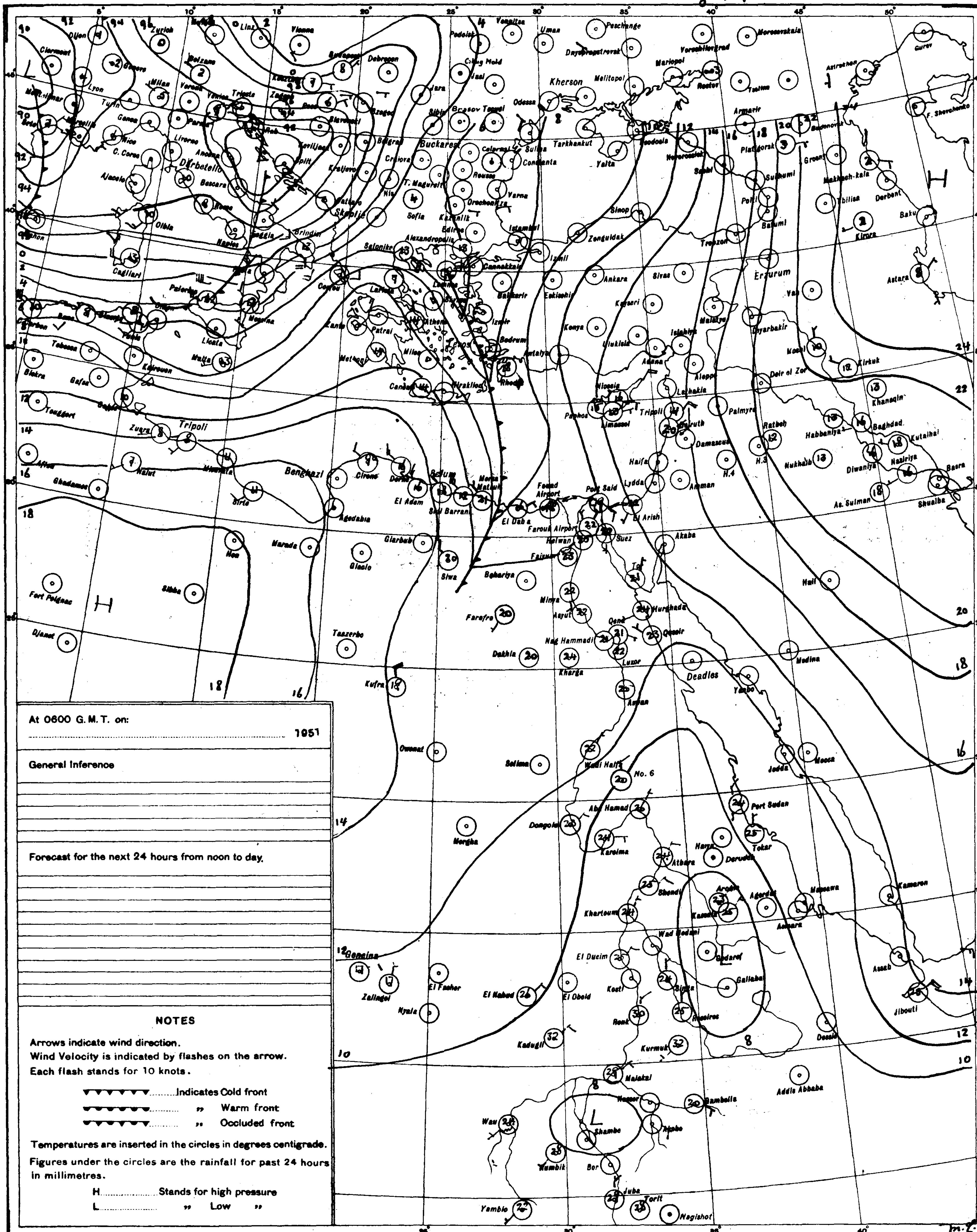
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 8/3/ 1951



At 0600 G. M. T. on:	 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H................Stands for high pressure
L................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze (*vis less than 1000 m.*) 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 13 G. M. T.

" " Sunset 15 59 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 9th March, 1951

At 1200 on Thursday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	270	2	35	00	0	0	—	13.8	21		
	303	SÎDI BARÂNI	320	20	12	01	1	0	—	13.2	19	64	12
	306	MATRÛH	320	50	4	09	3	7	Sc	13.2	20	69	14
	309	EL DABA	320	12	15	01	1	3	Cu	9.3	20	73	15
		ALEXANDRIA	310	24	15	03	2	6	Cu	9.1	22	50	11
	318	FOUAD (Airport)	290	27	6	07	0	4	Ac	8.3	30	21	5
	330	DAMIETTA	140	2	35	02	1	5	Ac	8.7	28	45	15
	333	PORT SA'ID	80	8	30	03	0	4	Ac	8.7			
	336	EL 'ARISH	90	7	18	02	1	3	Sc	9.1	30	49	18
Lower Egypt	339	DAMANHUR	180	9	15	00	0	0	—	9.1	35	37	18
	342	MANSURA	140	3	35	03	2	5	Ac	9.1	33	30	13
	348	TANTA	180	6	35	02	1	0	—	9.3	35	23	11
	354	ZAGAZIG	220	3	50	03	1	4	Ci	9.4	34	32	15
	440	ISMAÎLIA	140	2	35	03	1	5	Ci	9.1	34	27	12
Cairo Area	366	FAROUK (Airport)	200	23	10	03	1	4	Ac	8.9	35	12	1
	372	ALMÂZA	230	19	15	03	1	5	Ac	8.9	35	12	1
		EZBEKÎYA	200	8	18	02	1	5	Ac	8.7	34	18	6
		GÎZA	200	8	18	02	1	5	Ac	9.4	36	17	7
	378	HELWÂN	200	9	15	03	1	4	Cu	8.4	34	10	-2
Upper Egypt	381	FAIYÛM	90	2	35	01	1	3	Ac	9.8	35	19	8
	387	MINYA		8	10	00	1	0	—	9.2	36	20	10
	393	ASYÛT MANQABÂD	360	3	14	01	1	1	Ci	9.1	37	22	12
	399	NAG' HAMMÂDI	00	0	35	01	0	5	Ci	10.3	36	32	16
	402	QENA	270	1	50	03	1	4	Ci	10.0	37	19	9
	405	LUXOR	340	3	20	03	1	3	Ci	9.6	36	20	10
	414	ASWÂN	350	4	50	01	1	2	Ci	8.8	37	9	-2
Oases	417	SÎWA	280	13	12	03	0	1	Ci	14.0	28	52	17
	420	BAHARÎYA	320	4	35	01	1	2	Ac	9.8	35	19	8
	423	FARAFRA	320	14	7	06	3	—	—	11.2	34	32	15
	432	DAKHLA	00	0	50	00	0	7	Ci	11.0	38	19	11
	435	KHARGA	00	0	15	03	1	6	Ci	11.0	37	18	9
Red Sea	450	SUEZ	180	5	50	01	0	1	Cu	9.4	28	27	7
	459	TÔR											
	462	HURGHADA	320	2	30	00	0	0	—	9.7	28	62	20
	465	QUSEIR	40	9	15	03	1	4	Ci	10.5	28	45	15
	641	PORT SÛDÂN	50	11	30	01	0	0	—	9.4	30	33	12
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	20	6	30	02	0	0	—		37	10	0
	660	KAREIMA											
	680	'ATBARA	20	13	10	07	0	0	—	4.2	38	9	-1
	721	KHARTÛM	30	12	30	02	0	1	Ci	4.1	38	9	0
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	360	9	35	02	0	0	—	2.4	39	10	2
	801	RENK	310	5	35	02	1	3	Ci	3.5	39	13	6
	802	ROSEIRES	360	5	35	02	0	0	—		40	14	8
	771	EL OBEID	80	15	30	01	1	4	Ci	4.0	37	8	-3
	760	EL FÂSHER	70	6	50	01	2	4	Ci		37	4	-11
	770	GENEINA	70	10	30	02	2	7	Cs		38	4	-11
S. Sudan	840	MALAKÂL	310	6	30	02	1	3	Ci	2.4	40	10	3
	880	WÂU	110	5	30	02	2	7	Cu, Ci	4.4	37	24	13
	941	JUBA	50	5	30	03	2	7	Cu, Ac	3.6	36	33	17

At 1800 on Thursday 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALŪM												
SÎDI BARÂNI	330	13	12	02	0	0	—	14.9	16	77	12	0
MATRÛH	330	10	10	00	1	0	—	15.3	15	72	10	0
EL DABA	320	9	7	00	0	0	—	14.0	16	68	10	0
ALEXANDRIA	310	26	35	01	2	6	Ns, Ac	13.8	17	77	13	0
FOUAD (Airport)	300	19	10	03	2	2	Sc, Cu	13.1	17	88	15	0
DAMIETTA	340	19		03	2	6	Cb	11.2	19	83	16	0
PORT SA'ID	360	12	12	01	1	0	—	8.7	20	73	15	0
EL 'ARISH	00	0	15	02	0	1	Cu	8.2	24	47	12	0
DAMANHUR	180	13	7	00	1	0	—	12.4	18	88	16	0
MANSURA	360	9		00	3	0	—	11.6	20	73	15	0
TANTA	00	0	35	02	0	0	—		18	83	15	0
ZAGAZIG	220	3	35	02	1	0	—	11.4	21	65	14	0
ISMAÎLIA	320	9	35	01	1	3	Ci	10.7	23	44	10	0
FAROUK (Airport)	290	10	12	03	3	4	Sc	13.2	21	65	14	0
ALMÂZA	340	9	10	01	3	4	Sc	12.2	21	65	14	0
EZBEKÎYA	330	18	12	02	3	5	Sc	12.7	21	69	15	0
GÎZA	330	18	12	02	3	5	Sc	12.8	20	73	15	0
HELWÂN	340	19	15	33	3	4	Ac	11.5	22	50	11	0
FAIYÛM	360	8	7	03	3	4	Ac	12.3	24	21	0	0
MINYA	10	13	8	00	1	0	—	11.5	26	30	7	0
ASYÛT MANQABÂD	280	2	6	10	1	6	Ci	11.2	27	52	16	0
NAG' HAMMÂDI	00	0	7	01	0	2	Ac	11.0	27	48	15	0
QENA	130	1	7	02	1	4	—	11.0	27	33	9	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	10.5	28	22	4	0
SÎWA												
BAHARÎYA	360	5	15	02	0	0	—	13.6	24	54	14	0
FARAFRA	320	13	15	02	3	8	Cs	13.6	28	40	13	0
DAKHLA	00	0	50	00	0	8	Ci	13.0	33	24	10	0
KHARGA												
SUEZ												
TÔR												
HURGHADA	160	8	10	00	0	0	—	8.5	24	38	9	0
QUSEIR	40	5	15	01	1	0	—	11.1	24	54	14	0
PORT SÛDÂN	00	0	30	02	0	0	—		24	61	16	0
WÂDI HALFA	10	7	50	03	0	0	—	9.1	31	9	-5	0
ABU HAMAD	80	1	3	02	0	0	—		19	13	-2	0
KAREIMA	340	7	30	02	0	0	—	6.9	31	12	-1	0
'ATBARA	20	9	30	02	0	0	—	5.4	31	11	-3	0
KHARTÛM	350	7	30	03	0	4	Ci	5.1	31			0
KASSALA	360	6	30	02	0	0	—	4.2	29	35	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	7	30	01	1	1	Ci	5.9	30	14	0	0
EL FÂSHER	70	6	50	02	1	4	Ci		31	11	-2	0
GENEINA	20	9	30	01	1	0	—		31	8	-7	0
MALAKÂL	330	5	30	01	1	2	Ci	3.5	31			0
WÂU	230	1	30	00	0	0	—	5.0	32	29	13	0
JUBA	20	2	30		2	8	Cb, Ac	4.3	31	43	17	0

At 0600 on Friday 9th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	220	4	10	05	0	0	—	16.8		12	23		9		88	10	0	98	
MATRÛH	280	5	2	06	0	1	Sc, Cu	17.8	+1.1	13	26		9		83	10	0	Rain	
EL DABA	320	5	15	02	1	4	Cu	16.8		16	29		12		68	10	0	49	
ALEXANDRIA	310	15	35	00	0	0	—	16.8	+0.5	16	33	+12	14	+2	68	10	0	55	173
FOUAD (Airport)	330	11	14	01	2	1	Sc	17.1		17	33		14		64	10	0	54	134
DAMIETTA	320	5	7	02	1	6	Sc	17.5	+1.5	17	30		10		77	13	0	Rain	94
PORT SA'ID	330	10	6	05	1	5	Sc	16.2	+0.8	17	30		16		64	10	0	17	
EL 'ARISH	290	14	14	02	1	1	Cu	16.0	-0.6	18	36	+15	17	+7	77	14	0	Rain	75
DAMANHUR	230	5		02	0	0	—	16.3	-0.2	18	36	+14	15	+6	73	13	0	29	86
MANSURA	270	5	35	02	1	3	Ac	17.4	+1.2	14	34	+12	12	+3	88	12	0	29	43
TANTA	270	2	35	02	0	0	—	17.4	+0.6	16	35	+12	10	+2	77	12	0	22	33
ZAGAZIG	40	1	50	03	1	3	Cu	16.7	+0.2	15	34	+4	13	+5	77	11	0	16	22
ISMAÎLIA	270	5	35	03	2	7	Cu	17.5		18	35		15		73	13	0	17	
FAROUK (Airport)	320	5	14	03	2	7	Sc	17.9		15	36		13		83	12	dr.	6	
ALMÂZA	10	7	10	03	2	7	Sc	16.7	+0.1	15	36		13		88	13	dr.	11	
EZBEKÎYA	360	6	12	02	1	4	Cu	17.5	+0.9	16	36	+12	14	+4	72	11	dr.	8	20
GÎZA	360	6	12	02	1	4	Cu	17.6	+0.8	16	37	+14	13	+5	68	10	dr.	10	19
HELWÂN	360	13	7	01	1	1	St	17.5	+0.8	15	36	+13	14	+4	68	9	0	11	21
FAIYÛM	360	8	35	01	0	0	—	18.5	+2.0	16	37	+13	12	+3	68	10	0	4	7
MINYA	350	9	8	00	1	0	—	17.3	+0.4	15	37		13		77	11	0	dr.	
ASYÛT MANQABÂD	320	6	8	10	0	3	Ac	17.4	+0.6	15	38		13		83	12	0	dr.	
NAG' HAMMÂDI	00	0	15	01	0	4	Ac	14.7	-1.5	20	36		16		64	13	0	0.4	
QENA	290	2	15	00	0	0	—	13.5	-1.8	22	39	+10	18	+7	50	11	0	0	
LUXOR	320	6	30	00	0	0	—	12.6	-3.3	24			19		38	9	0	0	
ASWÂN	00	0	50	00	0	0	—	12.2	-3.4	24	38	+9	21	+7	38	7	0	0	
SÎWA	00	0	8	06	0	0	—	18.6	+0.4	13			8	0	67	7	0	dr.	7
BAHARÎYA	360	3	35	02	0	0	—	15.0	-2.1	16	37	+13	11	+3	68	10	0	0	7
FARAFRA	20	4	15	02	0	0	—	17.8		16	37		11		59	8	0	dr.	
DAKHLA	20	7	35	00	1	6	Ci	16.3	-0.5	22	38	+11			50	11	0	0	
KHARGA	360	9		00	0	0	—	14.8	-1.5	21			19	+9	41	7	0	0	
SUEZ	310	3	50	00	1	7	St	17.5	+1.5	17			14	+2	60	9	0	0.3	13
TÔR	310	13	15	00	0	0	—	11.5	-3.7	22			17	+5	65	15	0	4	12
HURGHADA								11.5	-3.6	23	30		18		44	10	0	0	
QUSEIR	330	9	15	02	0	0	—	11.2	-3.4	23	29	+4			50	12	0	dr.	4
PORT SÛDÂN	310	3	30	02	0	0	—	11.8		29	31		18		29	9	0	159	94
WÂDI HALFA	00	0	50	03	0	2	Ci	11.8		21	39		18		26	1	0	dr.	
ABU HAMAD											37								
KAREIMA											39								1
'ATBARA	360	9	30	02	0	0	—	9.7		24	39		18		26	3	0	0.3	2
KHARTÛM	10	7	30	02	0	0	—	9.1		25	40		21		20	1	0	dr	4
KASSALA	80	1	30	02	0	0	—	7.7		25	41		17		58	16	0	3	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			37
EL OBEID											38								16
EL FÂSHER	310	3	50	02	1	4	Ci			18	39		12		24	-3	0	6	6
GENEINA	80	6	20	01	0	2	Ci			19	40		14		23	-3	0		4
MALAKÂL	260	6	30	03	1	4	Ac, Ci	8.8		28	41		25		45	15	0	70	89
WÂU											38								154
JUBA	180	5	30	03	2	8	Cu, Sc	8.7		29	38		25		62	21	0	194	169

HUMIDITY %

Station	Mean of day on 8th	Diff. from normal
Alexandria	73	+8
Ezbeklya	61	+1
Gîza	60	-5
Helwân	34	-13

GÎZA

GRASS MINIMUM TEMP ON 9th 9.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 8th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	34	15	220	20
950					
900					
850	1502	22	20	250	33
800					
700	3145	9	25	270	30
600					
500	5795	-16		260	42
400	7448	-26		260	95
300	9476	-39		—	—

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 8th

Station	Sûwa		Fouad A.P.		Dakhla		El Arish		Port Said		Kharga		Minya		Hurghada		Farouk		Sidi Barrani				Farouk		Minya	
Time	14		14		14		15	30	14		14		14		14		15		14				20		21	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	28	320	30	250	30	130	6	40	11	230	3	230	13	150	14	220	24	310	22			320	14	350	35
600	320	30	310	32	240	36	200	6	40	19	240	4	240	17	160	10	220	27	320	26			330	30	360	59
1000	320	13	300	33	240	35	210	11	40	17	240	5	230	18	120	4	220	29	310	27			340	36		
1500	310	38	200	46?			230	13	50	21			220	12			250	33	300	34			310	27		
2000	310	30							60	23							250	27					280	19		
3000																	270	30								
4000																										
5000																	270	36								
6000																	260	52?								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time					9								3				4	30					2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					330	14							20	23			210	2					290	21
600					330	16							10	43			200	23					310	37
1000					330	12							350	30			290	6					310	36
1500					340	10											340	10					130	18
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8		4						4								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	11	30	8	30	14	10	45	30	11													270	19
600	100	9	30	10	30	12	36	27	60	11					30	19							290	14
1000	60	9	30	24	350	7	350	33	50	6					40	27							20	15
1500	330	10	360	35	340	12			30	15					10	23								
2000	300	17																					30	17
3000															30	12							60	13
4000																								
5000																								
6000																								
7000																								
8000																								

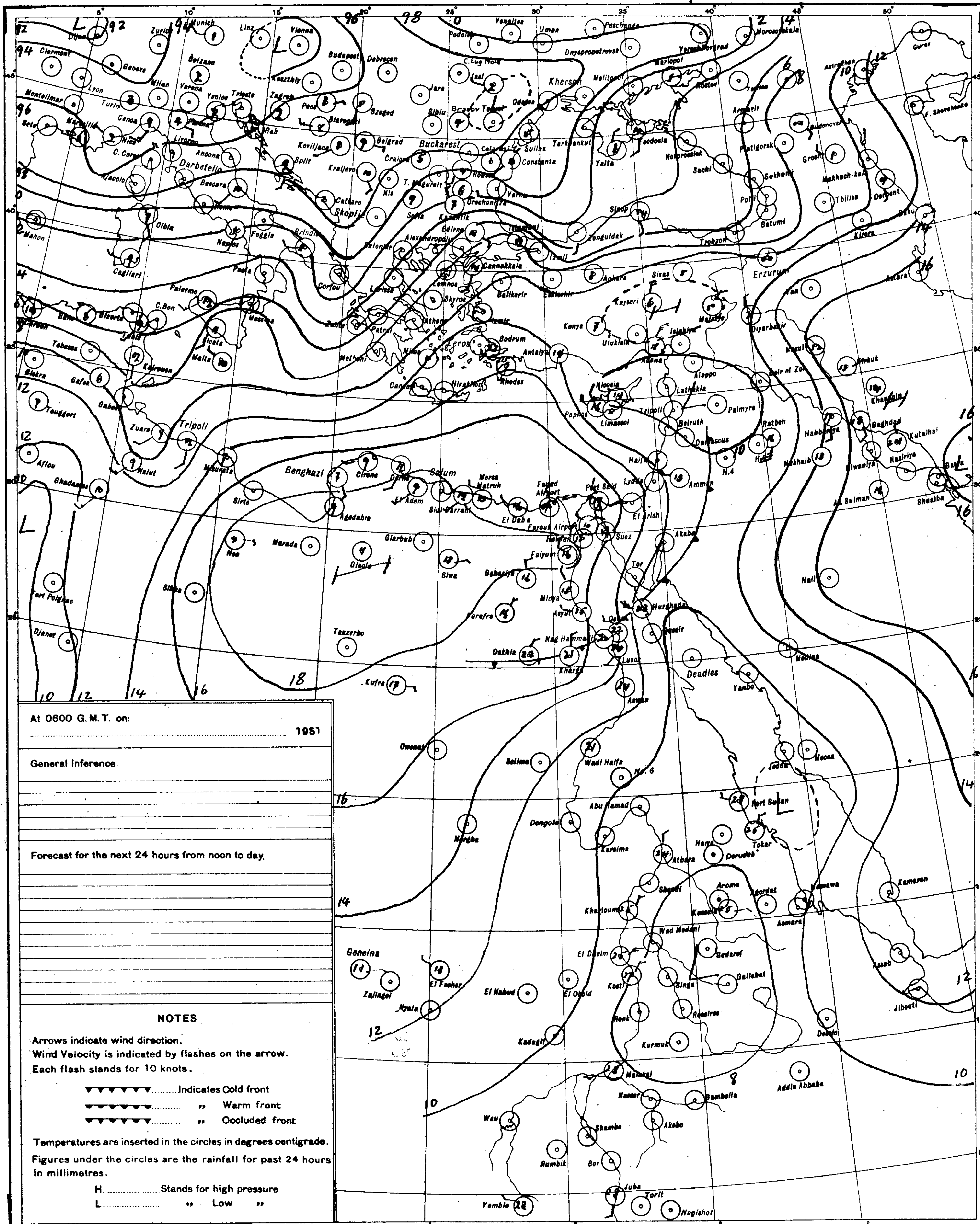
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON FRIDAY 9-3 1951



At 0600 G. M. T. on:	....	1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.........Indicates Cold front
▼▼▼▼▼▼......... ,, Warm front
▼▼▼▼▼▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	
	State of sky generally unchanged	02	
	Clouds developing	03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	∇
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 12 G. M. T.

" " Sunset 15 59 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 10th March, 1951

Area	Index Number	Station	At 1200 on Friday 9th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SÎDI BARÂNI											
	306	MATRÛH	60	6	15	06	0	0	—	17.2	19	37	4
	309	EL DAB'A	360	4	35	00	0	0		17.8	20	56	11
		ALEXANDRIA	290	11	35	00	0	0	—	17.2	19	52	9
	316	FOUAD (Airport)	330	10	18	02	0	0	—	17.6	19	64	12
	330	DAMIETTA	320	5	35	01	1	2	ac	16.8	19	64	12
	333	PORT SA'ÎD	360	8	6	05	0	0	—	16.0	19	68	13
	336	EL 'ARISH	290	15	15	02	1	1	cu	16.1	20	77	16
Lower Egypt	339	DAMANHUR	310	5	7	02	0	0	—	17.9	24	47	12
	342	MANSURA	360	9	35	00	1	0	—	17.5	23	44	10
	348	TANTA	130	5	35	02	0	0	—	17.2	23	44	10
	354	ZAGAZIG	320	2	50	03	1	0	—	16.6	23	61	15
	440	ISMA'ÎLIA	20	2	35	03	2	7	cs	16.3	24	38	9
Cairo Area	366	FAROUK (Airport)	20	14	5	05	0	0	—	16.9	22	47	10
	372	ALMAZA	30	4	10	00	0	0	—	16.6	22	57	13
		EZBEKIYA	360	12	18	00	0	0	—	16.4	23	41	9
		GÎZA	360	12	18	00	0	0	—	16.6	22	50	11
	378	HELWÂN	340	9	7	02	0	0	—	15.5	23	32	5
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	17.2	25	22	2
	387	MINYA	360	13	10	00	0	0	—	16.0	25	34	8
	393	ASYÛT MANQABÂD	360	10	14	00	0	0	—	14.3	28	29	8
	399	NAG' HAMMÂDI	290	2	35	01	0	3	ac	13.0	29	40	14
	402	QENA	240	2	50	00	0	0	—	10.6	36	20	10
	405	LUXOR	340	7	30	00	0	0	—	11.2	34	16	5
	414	ASWÂN	350	6	50	00	0	0	—	10.8	35	19	8
Oases	417	SÎWA	170	1	4	06	0	0	—	18.3	25	24	3
	420	BAHARÎYA	360	3	35	02	0	0	—	16.4	25	34	8
	423	FARAFRA	40	10	15	03	0	0	—	16.6	26	37	10
	432	DAKHLA	330	8	50	00	0	0	—	13.9	30	31	11
	435	KHARGA	360	9	15	00	0	0	—	13.4	30	16	1
Red Sea	450	SUEZ	360	6	50	00	0	0	—	15.2	23	32	5
	459	TÛR	310	24			0	0	—	12.0	22	74	17
	462	HURGHADA	330	19	30	01	1	1	cu	11.7	25	54	15
	465	QUSEIR	360	13	15	00	1	3	ac	12.8	25	54	15
	641	PORT SUDÂN	90	10	30	01	2	6	ci	9.4	30	38	14
North Sudan	600	WÂDI HALFA	20	10	50	01	0	0	—	9.7	37	6	-6
	640	ABU HAMAD	80	7	30	03	1	3	ci		38	7	-3
	660	KAREIMA	70	7	30	02	1	6	ci	6.3	38	11	3
	680	'ATBARA	20	13	10	07	1	6	ci	4.6	38	13	5
	721	KHARTÛM	40	10	30	03	0	1	ci	4.5	39	10	2
	730	KASSALA	360	5	30	02	0	0	—	1.9	39	20	12
Central Sudan	751	WÂD MEDANI											
	801	RENK	360	5	35	02	0	1	ci		40		
	802	ROSEIRES											
	771	EL OBEID	60	13	30	02	0	0	—	4.2	37	7	-4
	760	EL FÂSHER	80	9	30	03	1	4	ci		37	9	-1
	770	GENEINA	110	7	30	02	1	3	ci		37	6	-7
S. Sudan	840	MALAKÂL	320	7	30	03	1	6	cu, ci	2.8	39	11	3
	880	WÂU	160	2	30	03	1	7	cu, ac	4.5	34	38	17
	941	JUBA	90	5	30	02	8	8	cu, ci	8.4	39	28	17

Station	At 1800 on Friday 9th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM												
SÎDI BARÂNI												
MATRÛH	150	5	2	06	0	0	—	15.4	15	72	10	0
EL DAB'A												
ALEXANDRIA	310	5	35	00	0	0	—	16.7	15	77	11	0
FOUAD (Airport)	320	5	12	02	0	0	—	16.6	14	82	11	0
DAMIETTA	320	2	7	00	0	0	—	16.8	16	72	11	0
PORT SA'ÎD	20	5	10	05	0	0	—	16.1	17	72	12	0
EL 'ARISH												
DAMANHUR	310	9	7	02	0	0	—	17.4	15	77	11	0
MANSURA	40	5		00	0	0	—	17.0	17	60	9	0
TANTA	00	0	35	02	0	0	—	17.5	15	44	10	0
ZAGAZIG	320	1	35	02	0	0	—	16.7	18	73	13	0
ISMA'ÎLIA	20	5	35	01	0	0	—	16.7	18	73	13	0
FAROUK (Airport)	20	7	10	00	0	0	—	16.4	19	64	12	0
ALMAZA	50	5	10	00	0	0	—	16.0	19	64	12	0
EZBEKIYA	00	0	12	00	0	0	—	16.0	20	53	10	0
GÎZA	00	0	12	00	0	0	—	16.7	17	68	11	0
HELWÂN	00	0	7	02	0	0	—	16.2	18	49	7	0
FAIYÛM	00	0	35	02	0	0	—	16.7	19	46	7	0
MINYA	360	5	8	00	0	0	—	15.2	16	59	8	0
ASYÛT MANQABÂD	280	7	8	00	0	0	—	14.5	18	73	13	0
NAG' HAMMÂDI	00	0	7	01	0	3	as	13.6	19	49	8	0
QENA	230	1	7	00	0	0	—	11.9	26	30	7	0
LUXOR	190	4	12	00	0	0	—	11.8	26	32	8	0
ASWÂN	00	0	50	00	0	0	—	10.8	27	37	11	0
SÎWA												
BAHARÎYA												
FARAFRA	90	8	15	02	2	0	—	16.0	20	46	8	0
DAKHLA	00	0	50	00	0	0	—	15.4	21	50	10	0
KHARGA	360	1	15	00	0	0	—	13.5	26	18	0	0
SUEZ	00	0	35	02	0	0	—	15.8	18	60	10	0
TÛR	310	19		00	0	0	—	12.6	22	69	16	0
HURGHADA	330	14	12	00	0	0	—	12.6	23	50	12	0
QUSEIR	330	13	15	01	1	0	—	12.8	23	50	12	0
PORT SUDÂN	10	1	30	02	0	0	—	10.8	25	79	21	0
WÂDI HALFA	360	8	50	01	0	0	—	9.3	31	11	-3	0
ABU HAMAD	40	2	30	02	0	0	—		30	14	0	0
KAREIMA	20	4	30	02	0	0	—	7.3	33	10	-2	0
'ATBARA	360	5	30	02	2	1	ci	6.6	29	19	3	0
KHARTÛM	360	7	30	02	0	0	—	5.7	26	25	4	0
KASSALA	360	6	30	02	0	0	—	4.7	29	35	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	70	4	30	03	1	1	ci		28	20	3	0
GENEINA	340	4	30	01	1	3	—		31	11	-3	0
MALAKÂL	180	7	30	01	1	3	ci	4.1	33	30	13	0
WÂU	310	1	30	01	1	2	ac	3.8	33	30	13	0
JUBA	270	5	30	01	2	4	—	6.4	32	41	17	dr.

Station	At 0600 on Saturday 10th March: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM																			
SÎDI BARÂNI																			
MATRÛH	250	16	4	06	0	2	ci	12.5	-4.2	16	20		12		49	5	0	Rain	
EL DAB'A																			
ALEXANDRIA	130	13	15	04	0	0	—	14.7	-1.5	14	22	+1	14	+2	88	12	0	55	174
FOUAD (Airport)	110	7	12	03	1	3	ci	14.6		14	20		10		88	12	0	54	134
DAMIETTA	140	2	7	03	1	2	ac	15.1	-0.9	18	20	+1	11	+1	73	13	0	Rain	94
PORT SA'ÎD	110	9	12	02	0	1	ci	14.1	-1.1	17	21		14		72	12	0	17	
EL 'ARISH																			76
DAMANHÛR	130	9		02	0	0	—	15.8	-0.5	14	25	+3	11	+2	88	12	0	29	86
MANSÛRA	90	5	35	00	0	0	—	15.4	-0.8	14	25	+2	10	+1	88	12	0	29	43
TANTA	130	2	35	02	0	0	—	15.3	-1.5	13	23	0	9	+1	77	9	0	22	33
ZAGAZIG	40	1	35	02	0	0	—	14.8	-1.6	14	23	+2	11	+3	88	12	0	16	22
ISMA'ÎLIA	70	2	35	01	0	0	—	14.2		15	25		12		77	11	0	17	
FAROUK (Airport)	90	10	12	00	1	0	—	14.7		17	23		13		64	10	0	6	
ALMÂZA	120	13	10	00	0	0	—	14.0	-2.6	17	23		13		64	10	0	11	
EZBEKÎYA	360	6	12	00	0	0	—	14.3	-2.3	16	23	-1	14	+4	72	11	0	8	20
GÎZA	360	6	12	00	0	0	—	14.7	-2.1	14	24	+1	9	+1	88	12	0	10	20
HELWÂN	00	0	3	05	0	0	—	13.9	-2.7	15	24	+1	13	+2	59	7	0	11	21
FAIYÛM	330	6	35	02	0	0	—	13.9	-2.6	15	26	+1	11	+2	77	11	0	4	7
MINYA	10	4	8	00	0	0	—	13.4	-3.4	14	26		9		77	10	0	dr.	
ASYÛT MANQABÂD	00	0	5	10	0	0	—	13.0	-3.7	17	29		13	+4	56	8	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.0	-3.1	20	33	+7	12	+4	46	8	0	0.1	
QENA	270	1	15	00	0	0	—	12.4	-2.8	20	37	+8	15	+4	41	6	0	0	
LUXOR	00	0	30	00	0	0	—	12.3	-3.5	21	35		14		26	1	0	0	
ASWÂN	00	0	50	00	0	0	—	11.9	-3.6	23			19	+5	32	5	0	0	
SÎWA																			7
BAHARÎYA																			7
FARAFRA	00	0	15	02	0	0	—	14.6		13	27		10		55	4	0	dr.	
DAKHLA	00	0	35	00	0	8	ci	12.7	-4.1	17	32	+5	13	+4	42	4	0	0	
KHARGA											30	+2							
SUEZ	310	3	50	00	0	1	sc	13.1	-2.9	17	25	+2	10	-2	60	9	0	0.3	13
TÛR	160	2	7	00	0	0	—	12.2	2.9	20	25	+1	13	+1	73	15	0	4	12
HURGHADA											25								
QUSEIR	330	9	15	02	0	0	—	13.1	-1.5	21	28	+3	18	+2	33	4	0	dr.	4
PORT SUDÂN											31								94
WÂDI HALFA	00	0	50	01	1	1	ci	10.3		22	38		19		19	-3	0	dr.	
ABU HAMAD	40	4	30	02	0	0	—				39		19			-2	0		
KAREIMA	50	3	30	02	0	0	—	9.2		24	39		19		30	5	0	dr.	1
'ATBARA											39								2
KHARTÛM											39								4
KASSALA	50	5	30	01	0	0	—	6.0		28	40		19		45	15	0	3	8
WÂD MEDANI	50	9	35	02	0	0	—	7.2		25	41		18		36	9	0	46	12
RENK	180	5	35	02	0	1	ci			28	41		19		25	6	0		49
ROSEIRES	50	5	35	02	0	0	—			27	41		19		33	9	0	0	37
EL OBEID	20	2	30	03	1	7	cs	8.0		24	39		19		17	-3	0	6	16
EL FÂSHER	340	4	30	03	1	8	cs			18	38		15		26	-2	0	6	6
GENEINA	70	3	30	03	1	3	ci			18	40		14		17	-8	0		4
MALAKÂL											40								89
WÂU	230	9	30	02	1	6	ac, ci	7.3		27	39		26		55	17	0	144	135
JUBA	180	5	30	01	5	8	ac	8.4		26	41		25		62	18	dr.	194	170

HUMIDITY %

Mean of day

Station	on 9th	Diff. from normal
Alexandria	71	+6
Ezbekiya	59	-1
Gîza	68	+4
Helwân	53	+6

GÎZA

GRASS MINIMUM TEMP. ON 10th 6.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 9th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	139	22	41	360	6
950					
900					
850	1521	13		330	19
800					
700	3132	6		300	23
600					
500	5804	-12		280	24
400	7464	-26		290	37
300	9493	-41		290	47

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Station	Siwa		Port Said		Minya		Dakhla		Asyut		Fouad A.P.		Hurghada										Fouad A.P.		Minya	
Time	14		14		14		14		14		14		14	15									20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	150	5	310	10	360	16	350	16	350	16	330	6	340	29									40	2	10	24
600	130	6	270	11	20	13	360	20	360	18	330	7	320	17									150	3	10	31
1000	110	9	320	13	10	18	360	14	360	16	330	4	320	19											80	8
1500	210	3	310	16	350	30	20		340	21	310	12	320	19									300	10	10	18
2000	290	10	350	15	330	21			330	23	300	28	320	28											300	16
3000	260	24							280	23															290	17
4000	250	37																								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4		4		4				5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	6														
600									100	17	70	14	100	13	60	19	40	7					220	12
1000									110	14	90	25	100	21	60	25	80	12			30	9	210	17
1500									100	9	70	13	90	20	40	17	70	15			70	15	310	11
2000																	40	9			60	14		
3000									270	15					60	19	30	17			350	9	30	17
4000																								
5000																								
6000																								
7000																								
8000																								

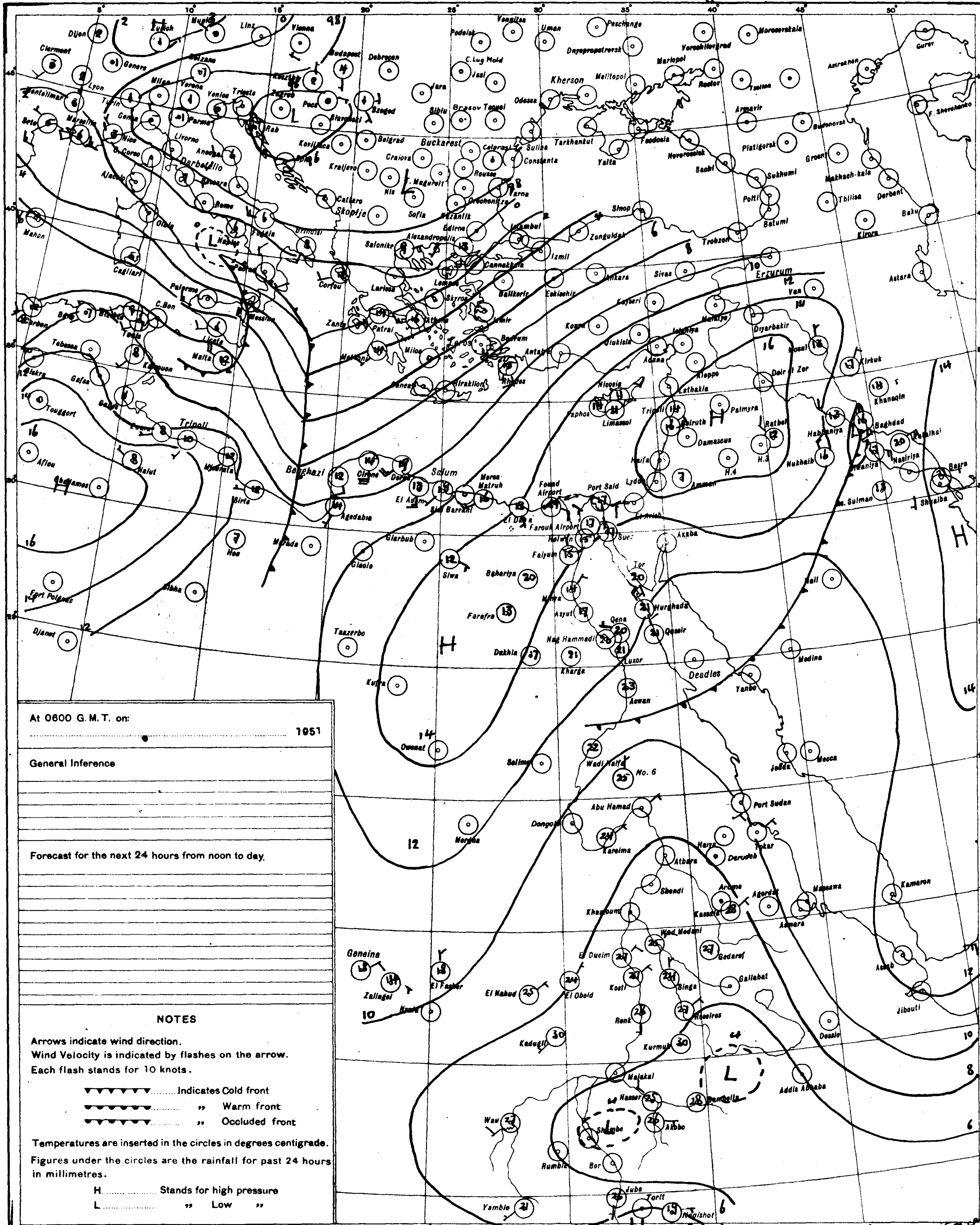
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 10/3/1951



At 0600 G. M. T. on: 1951
General Inference
Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 11 G. M. T.

" " Sunset 16 00 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Sunday 11th March, 1951

At 1200 on Saturday 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	250	1	35	03	2	6	Ci	7.8	29	25	7
	303	SIDI BARANI	220	13	11	03	0	4	Cs	8.4	29	15	8
	306	MATRUH	290	19	6	07	0	6	Cs	8.7	28	31	9
	309	EL DABA	160	5	35	00	0	0	—	10.0	25	34	8
		ALEXANDRIA	130	10	50	00	0	0	—	11.9	24	26	3
	318	FOUAD (Airport)	100	6	18	01	1	3	Ci	11.4	25	34	8
	330	DAMIETTA	110	5	35	03	1	5	Ac	12.8	20	56	11
	333	PORT SAID	100	6	12	03	1	5	Ci	11.4	19	64	12
	336	EL 'ARISH	060	11	18	01	1	1	Ci	12.1	19	52	9
Lower Egypt	339	DAMANHUR	130	9	15	02	1	2	Ci	12.4	25	42	11
	342	MANSURA	40	5	35	02	1	3	Ac	13.0	26	37	10
	348	TANTA	90	5	35	01	1	4	[illegible]	13.5	26	30	7
	354	ZAGAZIG	40	2	50	02	0	0	—	12.2	26	42	12
	440	ISMAILIA	70	2	35	03	1	5	Ci	13.1	25	22	2
Cairo Area	366	FAROUK (Airport)	40	9	18	03	1	0	—	12.2	26	20	1
	372	ALMAZA	40	7	15	00	0	0	—	11.6	26	13	-5
		EZBEKIYA	360	6	18	02	1	1	Cu	11.2	26	17	-1
		GIZA	360	6	18	02	1	1	Cu	11.5	27	15	-2
	378	HELWAN	20	9	7	02	0	0	—	10.6	28	15	-1
Upper Egypt	381	FAIYUM	330	4	35	02	0	0	—	11.9	27	20	2
	387	MINYA	340	8	10	00	0	0	—	10.2	30	16	1
	393	ASYUT MANQABAD	00	0	14	02	1	4	Ci	9.0	31	22	7
	399	NAG' HAMMADI	00	0	15	02	1	5	Ac	9.4	34	27	12
	402	QENA	180	1	50	03	1	3	—	8.8	35	22	14
	405	LUXOR	330	4	30	03	2	5	Cs	7.9	34	20	8
	414	ASWAN	00	0	50	01	1	3	Ci	7.5	37	8	-3
Oases	417	SIWA	190	4	9	06	0	3	Cs	12.0	29	19	3
	420	BAHARIYA	90	3	35	02	0	0	—	10.0	31	22	7
	423	FARAFRA	130	5	15	02	0	0	—	10.0	30	35	13
	432	DAKHLA	00	0	50	00	0	8	Ci	8.7	34	27	12
	436	KHARGA	00	0	15	02	2	8	Ci	8.2	36	13	4
Red Sea	450	SUEZ	360	4	50	01	0	0	—	11.0	26	37	16
	459	TOR	310	2	35	00	0	0	—	11.0	25	61	17
	462	HURGHADA	360	6	18	02	2	6	Cs	9.9	23	57	14
	465	QUSEIR	40	9	15	00	0	2	Ci	11.2	25	54	15
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	170	12	50	03	0	3	Cs	2.9	39	7	-4
	640	ABU HAMAD	30	2	30	02	0	0	—		37	11	2
	660	KAREIMA	70	4	50	02	0	0	—	7.4	38	12	4
	680	'ATBARA	50	13	18	07	0	0	—	3.2	38	9	0
	721	KHARTUM	20	7	30	02	0	2	Ci	2.5	39	10	2
	730	KASSALA	170	3	30	02	0	0	—	0.3	40	15	9
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	360	1	35	02	1	0	—	0.3	42	9	2
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	350	4	35	00	2	0	—	2.5			
	880	WAU	250	2	30	02	0	2	Cu, Ci	3.0	39	28	17
	941	JUBA	250	1	30	02	0	2	Cu, Ci	3.0	38	38	21

At 1800 on Saturday 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	290	2	15	02	1	4	Ci	9.5	17	68	11	0
SIDI BARANI	320	17	11	02	0	0	—		18	73	13	0
MATRUH	250	12	8	00	1	0	—	6.5	21	16	-6	0
EL DABA												
ALEXANDRIA	130	12	35	00	0	0	—	9.5	21	41	7	0
FOUAD (Airport)	120	7	12	01	1	0	—	9.0	19	64	12	0
DAMIETTA												
PORT SAID	120	8	12	03	1	5	Ci	8.7	17	72	12	0
EL 'ARISH												
DAMANHUR	90	9	7	02	0	0	—		16	77	12	0
MANSURA	40	5		00	1	0	—	10.3	16	68	10	0
TANTA	00	0	35	02	1	0	—	10.1	18	73	13	0
ZAGAZIG	40	2	35	02	0	0	—	10.4	19	52	9	0
ISMAILIA	20	5	35	01	0	0	—	10.4	20	33	3	0
FAROUK (Airport)	90	11	12	00	0	0	—	10.2	21	28	2	0
ALMAZA												
EZBEKIYA	40	6	12	00	0	0	—	9.4	21	26	1	0
GIZA	40	6	12	00	0	0	—	9.3	22	21	-1	0
HELWAN	70	14		02	0	0	—	9.0	22	16	-5	0
FAIYUM	00	0	35	02	0	0	—	9.9	21	41	7	0
MINYA	360	8	8	00	0	0	—	8.7	19	46	7	0
ASYUT MANQABAD	00	0	8	10	1	0	—	7.9	24	38	9	0
NAG' HAMMADI	00	0	7	01	0	3	Ac	8.2	22	74	17	0
QENA	360	1	7	03	1	4	Ci	8.0	21	50	10	0
LUXOR	40	5	12	00	0	0	—	6.8	23	38	8	0
ASWAN												
SIWA	290	1	10	00	0	0	—	9.9	20	24	-1	0
BAHARIYA	180	2	15	02	0	0	—	9.3	23	32	5	0
FARAFRA	360	2	15	02	0	0	—	8.8	22	44	9	0
DAKHLA	00	0	50	00	1	3	Ci	9.5	28	33	10	0
KHARGA	00	0	15	00	0	0	—	8.6	26	13	-5	0
SUEZ												
TOR	310	2		00	0	0	—	9.0	21	83	18	0
HURGHADA	220	2	12	00	0	0	—	8.9	20			0
QUSEIR	360	9	15	02	1	2	Ci	9.1	22	74	17	0
PORT SUDAN	360	2	30	02	0	1	Ac	9.5	24	77	20	0
WADI HALFA	310	10	50	03	0	8	Ac, Cs	8.3	32	9	-5	0
ABU HAMAD	00	0	30	02	0	0	—		29	22	5	0
KAREIMA	10	2	30	02	0	0	—	5.3	32	21	7	0
'ATBARA	360	5	30	02	0	0	—	3.9	31	16	2	0
KHARTUM	10	8	30	02	1	4	Ci	3.6	32	18	5	0
KASSALA	20	5	30	02	0	1	Ci	3.4	32	24	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	7	30	01	1	1	Ci	3.6	31	12	-1	0
EL FASHER	70	7	30	02	1	3	Ci		30	21	5	0
GENEINA	360	6	30	01	0	1	Ci		31	11	-3	0
MALAKAL	200	4	30	01	2	4	Ci	2.7	34	23	10	0
WAU	200	2	30	01	1	1	Ac	2.7	34	32	15	0
JUBA	00	0	50	02	2	7	Ac, Ci	5.2	31	43	17	0

At 0600 on Sunday 11th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	270	2	15	03	1	4	Ci	12.3	-4.1	14	30	+9	11	+1	67	8	0	84	
SIDI BARANI	240	6	12	02	2	3	Sc, Ac				30		14			10	0	98	
MATRUH	300	5	14	03	2	7	Cu, Ci	12.6	-4.1	16	30		14		59	8	0	Rain	
EL DABA																			
ALEXANDRIA	310	13	50	03	1	8	Sc, As	11.5	-4.7	17	25	+4	15	+3	68	11	0	55	174
FOUAD (Airport)	310	12	14	03	2	8	Sc, As	11.4		17	26		13		64	10	0	54	134
DAMIETTA	320	9	7	03	2	8	As	9.8	-6.2	18			12	+2	83	15	0	Rain	95
PORT SAID	320	11	12	03	0	8	Cs			17	20		15		68	11	0	17	
EL 'ARISH	220	9	35	03	2	4	Cu						12	+2			0	Rain	76
DAMANHUR	310	9	7	03	2	8	As	12.6	-3.7	14	26	+3	10	+1	77	10	0	29	87
MANSURA	320	9	35	03	2	8	St	10.6	-5.5	16	26	+3	11	+2	77	12	0	29	44
TANTA	00	0	35	03	2	8	Ac	10.5	-6.3	15	27	+4	8	0	88	13	0	22	33
ZAGAZIG	220	2	15	03	1	8	St	11.1	-5.3	14	27	+4	12	+4	88	12	0	16	22
ISMAILIA	270	9	7	06	2	8	Ac	10.4		18	26		13		73	13	0	17	
FAROUK (Airport)	290	5	12	05	2	7	As	11.8		17	26		14		68	11	0	6	
ALMAZA	320	5	10	03	1	8	As	11.4	-5.1	17			16		68	11	0	11	
EZBEKIYA	330	8	12	00	0	8	Ac	11.6	-4.9	17	27	+3	15	+5	72	12	0	8	20
GIZA	330	8	12	00	0	8	Ac	12.0	-4.8	17	28	+4	10	+2	68	11	0	10	20
HELWAN	00	0	7	02	2	8	Ac, Cs	11.8	-4.8	17	28	+5	15	+4	82	7	0	11	21
FAIYUM	360	4	35	03	1	6	As	12.6	-3.9	17	29	+4	12	+3	60	9	0	4	7
MINYA	360	8	8	03	1	3	Ci	11.5	-5.3	16	30		10		42	3	0	dr.	
ASYUT MANQABAD	330	4	8	10	0	1	Ci	10.7	-5.9	18	32		12		32	1	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	10.3	-5.7	21	34	+8	13	+5	33	4	0	0.1	
QENA	320	2	15	00	0	0	—	9.6	-5.6	20	35	+6	15	+4	41	6	0	0	
LUXOR	150	1	30	00	0	0	—	9.3	-6.4	21	35		13		33	4	0	0	
ASWAN																			
SIWA	00	0	8	06	1	1	Ci	15.1	-3.1	14	31	+7	10	+2	77	10	0	dr.	7
BAHARIYA	360		35	02	1	3	Ac	12.7	-4.4	17	32	+7	11	+2	52	7	0	0	7
FARAFRA	00	0	35	03	0	0	—	12.8		17	31		8		52	7	0	dr.	
DAKHLA	00	0	35	00	0	0	—	13.1	-3.6	21	34	+6	15	+6	41	7	0	0	
KHARGA	00	0	15	00	0	0	—	10.6	-5.6	19	36	+8	14	+3	30	1	0	0	
SUEZ	60	5	35	00	0	6	Sc	10.8	-5.2	18			12	0	46	6	0	0.3	13
TOR	20	2	15	00	0	0	—	8.7	-6.3	17	25	+1	13	+1	52	7	0	4	12
HURGHADA	00	0	30	00	0	0	—	8.7	-6.3	21	25		12		20	-3	0	0	
QUSEIR	330	5	15	02	0	0	—	10.0	-4.5	24	27	+2	17	+1	21	0	0	dr.	4
PORT SUDAN	200	3	30	02	2	8	Ac, Cs	11.2		25	29		20		79	21	0	154	94
WADI HALFA	350	4	30	01	2	0	—	9.8		24	41		21		17	-3	0	dr.	
ABU HAMAD	130	2	30	02	0	1	Ac			26	39		22		27	5	0		
KAREIMA	250	2	30	03	0	4	Ci	8.3		24	39		21		30	5	0	dr.	1
'ATBARA	360	9	30	01	0	1	Ci	6.8		26	40		21		25	4	0	0.3	2
KHARTUM	10	5	30	01	1	0	—	7.5		27	40		22		23	4	0	dr.	4
KASSALA	130	11	30	02	0	0	—	6.0		29	41		23		46	16	0	3	8
WAD MEDANI	90	13	35	02	0	0	—	6.3		27	41		21		31	10	0	46	12
RENK																			49
ROSEIRES	50	5	35	02	0	0	—	7.1		27	41		20		17	0	0	0	37
EL OBEID	50	9	30	02	0	0	—	7.2		27	39		22		15	-2	0	6	16
EL FASHER	230	3	30	01	0	0	—			19	38		15		28	0	0	6	6
GENEINA	50	6	30	02	0	0	—			21	38		13		17	-5	0		4
MALAKAL	180	5	30	01	1	1	Ci	7.0		29	40		23		46	16	0	70	89
WAU	230	6	30	02	0	0	—	6.2		29	39		26		49	17	0	144	155
JUBA	180	13	50	03	2	8	Ac, Ci	8.0		27	41		23		55	17	0	194	171

HUMIDITY %

Mean of day

Station	on 10th	Diff. from normal
Alexandria	61	-4
Ezbeklya	44	-16
Giza	48	-16
Helwân	30	-17

GIZA

GRASS MINIMUM TEMP. ON 11th 5.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT, On 10th At 15h					
1000	86	22		70	11
950					
900					
850	1476	14		230	14
800					
700	3079	3	28	240	29
600					
500	5911	-15		250	27
400	7558	-28		260	62
300	9352	-45		260	82
On ..... At ..... AIRPORT					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
On ..... At ..... AIRPORT					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Station	Siwa		Farouk		Port Said		Minya		Kharga		El Arish		Hurghada		Asyut		Dakhla		Fouad A.P.		Farouk		Minya		Port Said	
Time	14		16		14		14		14		14 45		14 15		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	13	90	14	100	9	350	9	190	4	220	5	340	10	60	4	140	4	170	20	140	24	60	17	180	10
600	220	12	100	12	110	7	80	6	210	8	150	4	300	7	140	4	100	13	190	19	120	15	10	6	150	9
1000	230	9	150	9	130	5	80	8	220	10	200	5	270	3	160	7	130	23	220	21	200	13	10	7	220	9
1500	260	7	230	14	170	3	200	13	230	13	290	14	330	7	180	16			230	34	210	17	200	12	260	16
2000	320	17	240	14	140	5	240	23	240	16	310	24	240	16	230	17			260	33	180	12	240	16	270	27
3000	270	19			150	9	240	22			280	27			240	18										
4000															260	30										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		
Time					2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					320	22	270	23					270	20									
600					330	23	280	23					290	5									
1000					320	29	260	22					310	13									
1500							260	21					310	14									
2000							270	21															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8												4 30					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							350	10																
600							340	16																
1000							340	16											50	34				
1500																			40	22				
2000																			30	13				
3000																			110	9				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

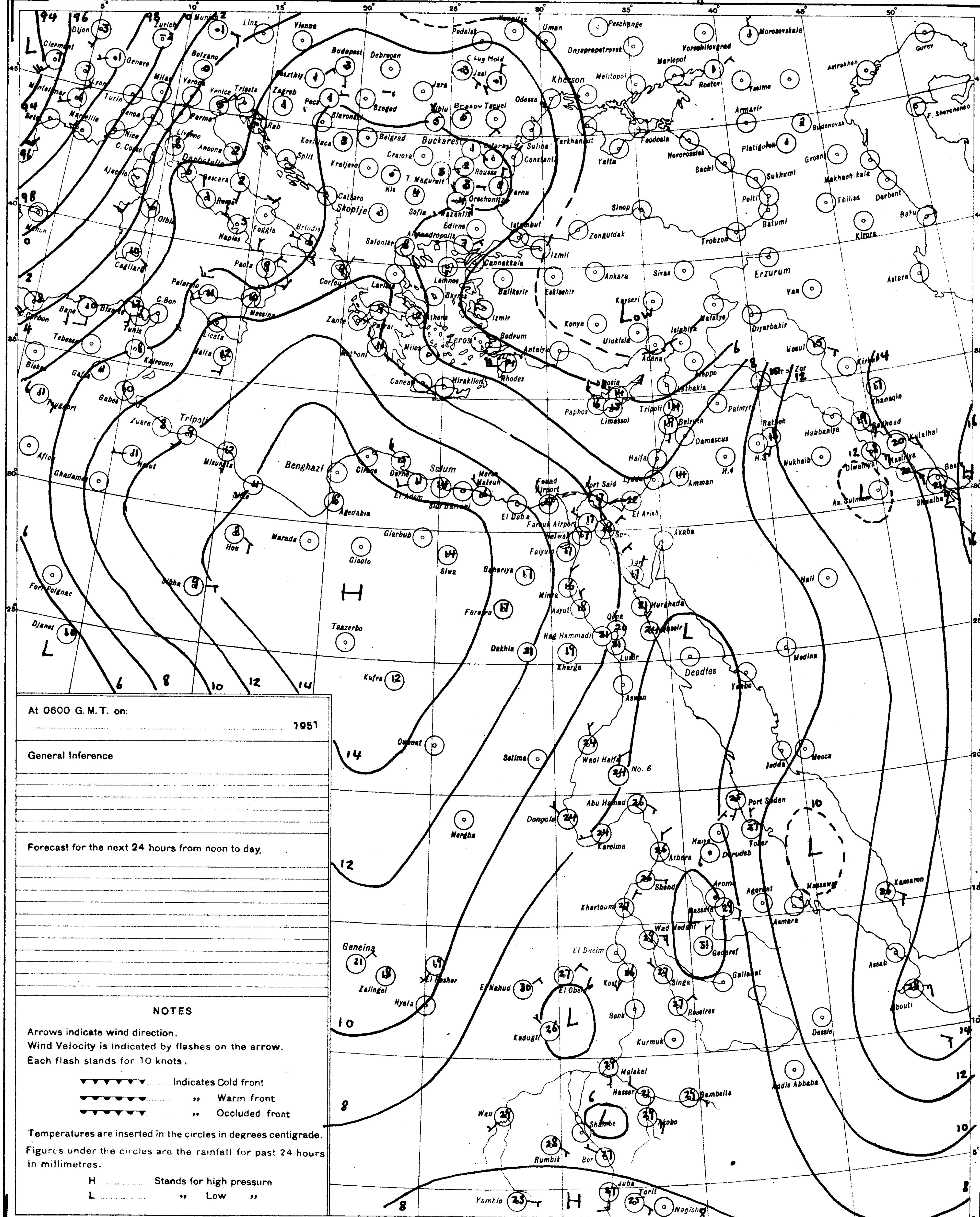
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/55) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 11/3/1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	◯
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	◯
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 10 G. M. T.
" " Sunset 16 01 G. M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Monday 12th March, 1951

At 1200 on Sunday 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	320	1	35	01	1	2	ac	13.8	21	61	13
	303	SIDI BARANI	300	15	14	01	1	1	cc	13.2	18	73	13
	306	MATRUH	20	13	12	02	2	5	ac,cc	12.6	19	56	10
	309	EL DABA	320	5	7	03	2	6	sc	11.8	19	46	7
		ALEXANDRIA	270	11	50	02	2	7	sc,ac	12.7	17	60	9
	318	FOUAD (Airport)	280	7	18	02	2	7	sc,ac	12.7	17	56	8
	330	DAMIETTA	320	9	7	02	2	8	as	12.7	18	60	10
	333	PORT SA'ID	330	13	12	02	2	8	sc,ac	10.7	18	64	11
	336	EL 'ARISH	320	14	12	03	2	8	as	10.8	19	64	12
Delta	339	DAMANHUR	310	5	15	02	2	8	as	13.5	18	52	8
	342	MANSURA	320	9	35	03	2	8	as	13.4	20	56	11
	348	TANTA	40	5	35	03	2	8	as	13.9	18	60	10
	354	ZAGAZIG	220	2	35	03	1	6	as	12.6	21	57	12
	410	ISMAILIA	320	9	7	06	2	8	as	12.2	22	50	11
	366	FAROUK (Airport)	320	8	12	03	2	8	as	12.8	20	53	10
	372	ALMAZA	20	13	15	02	2	7	cs	12.3	20	56	11
		EZBEKIYA	360	14	18	02	1	7	ac,ci	12.6	21	53	11
		GIZA	360	14	18	02	1	7	ac,ci	12.6	21	50	10
	378	HELWAN	320	11	15	02	2	8	ci	12.2	22	36	6
Upper Egypt	381	FAIYUM	360	4	35	02	1	6	as	12.6	22	...	
	387	MINYA	360	10	10	02	1	1	ci	11.2	28	25	6
	393	ASYUT MANQABAD	320	8	14	00	0	0	—	10.1	29	29	9
	399	NAG' HAMMADI	320	1	35	00	0	0	—	9.6	30	25	8
	402	QENA	290	2	50	00	0	0	—	7.9	34	18	6
	405	LUXOR	290	8	30	00	0	0	—	7.3	34	22	9
	414	ASWAN	330	3	50	00	0	0	—	7.1	36	10	-1
Desert	417	SIWA	340	3	12	02	1	4	ci	15.1	23	38	8
	420	BAHARIYA	360	3	35	02	1	3	ac	12.2	26	37	10
	423	FARAFRA	320	2	35	02	0	0	—	13.1	27	42	13
	432	DAKHLA	320	6	50	00	0	0	—	12.8	30	46	17
	435	KHARGA	360	4	15	00	0	0	—	10.0	32	11	-2
Red Sea	450	SUEZ	360	6	50	01	0	4	sc	10.8	23	61	15
	459	TOR	310	5	35	00	0	0	—		25	38	16
	462	HURGHADA	360	6	30	01	1	1	ci	6.9	24	61	16
	465	QUSEIR	90	9	15	00	0	2	ci	8.3	26	55	16
	641	PORT SUDAN	100	11	30	01	2	2	ac,ci	8.0	29	66	22
N. Sudan	600	WADI HALFA											
	640	ABU HAMAD	360	5	30	03	0	2	ci		40		
	660	KAREIMA	50	5	30	03	1	3	ac	4.0	40	11	4
	680	'ATBARA	50	5	30	02	0	0	—	2.9	37	11	2
	721	KHARTUM											
	730	KASSALA	40	8	30	02	0	0	—	0.5	41	11	5
Central Sudan	751	WAD MEDANI	50	9	35	02	0	0	—	2.7	40	11	4
	801	RENK											
	802	ROSEIRES	340	9	35	02	0	0	—	1.3	40	11	4
	771	EL OBEID	90	8	30	02	0	0	—	1.6	38	8	-2
	760	EL FASHER	310	4	50	02	0	0	—		38	15	7
	770	GENEINA	110	4	30	02	0	0	—		38	6	-7
S. Sudan	840	MALAKAL	360	3	30	03	1	4	cu	1.4	40	20	13
	880	WAU	360	5	30	17	1	6	cb	0.6	40	19	12
	941	JUBA	340	5	30	01	2	6	cu,ac	1.1	38	21	12

At 1800 on Sunday 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	270	1	15	00	0	0	—	14.3	22	29	3	0
SIDI BARANI	340	4	12	01	0	0	—	16.2	15	72	10	0
MATRUH	350	10	12	00	0	0	—	15.8	15	55	6	0
EL DABA												
ALEXANDRIA	360	15	35	01	2	4	sc,cu	14.8	16	77	12	0
FOUAD (Airport)	320	12	12	02	1	1	ac	14.9	15	82	12	0
DAMIETTA	320	9	7	02	2	6	as	14.4	16	72	11	0
PORT SA'ID	320	10				6	ac	13.8	17	60	9	0
EL 'ARISH	290	17	10	01	2	5	sc	13.7	17	64	10	0
DAMANHUR	310	9	7	02	1	4	as	15.2	14	77	10	0
MANSURA	320	5		00	1	0	—	15.4	15	68	9	0
TANTA	00	0	35	02	1	0	—	15.3	13	77	9	0
ZAGAZIG	220	1	35	02	1	0	—	14.8	14	88	12	0
ISMAILIA	310	5	35	01	0	0	—	14.7	16	59	8	0
FAROUK (Airport)	320	3	12	01	0	0	—	15.5	15	72	10	0
ALMAZA	30	10	12	00	0	0	—	14.9	16	68	10	0
EZBEKIYA	350	10	12	00	0	0	—	14.8	16	68	10	0
GIZA	350	10	12	00	0	0	—	15.4	16	68	10	0
HELWAN	360	13	7	01	0	0	—	15.1	16	59	8	0
FAIYUM	00	0	35	01	0	0	—	14.8	17	52	7	0
MINYA	360	10	8	01	0	0	—	13.5	19	49	8	0
ASYUT MANQABAD	300	3	8	10	0	0	—	12.1	18	60	10	0
NAG' HAMMADI	360	1	15	00	0	0	—	10.7	23	38	8	0
QENA	320	2	7	00	0	0	—	11.1	22	29	3	0
LUXOR	320	6	12	00	0	0	—	9.8	24	34	7	0
ASWAN	350	4	50	00	0	0	—	10.5	26	30	7	0
SIWA	270	4	10	01	1	1	ci	15.2	20	41	6	0
BAHARIYA	320	3	15	02	1	0	—	14.3	19	46	7	0
FARAFRA												
DAKHLA	00	0	50	00	0	0	—	13.4	28	40	13	0
KHARGA	360	4	15	00	0	0	—	11.9	25	19	0	0
SUEZ												
TOR	340	5		00	0	0	—	9.9	23	65	16	0
HURGHADA	300	24	10	00	0	0	—	9.0	24	41	10	0
QUSEIR	40	9	15	01	1	0	—	9.6	23	74	18	0
PORT SUDAN	140	4	30	02	2	0	—	9.2	25	83	22	0
WADI HALFA	360	12	30	02	0	0	—	8.2	31	11	-3	0
ABU HAMAD	360	4	30	02	0	0	—		32	17	4	0
KAREIMA	10	8	30	02	0	0	—	4.8	35	21	1	0
'ATBARA	360	5	30	02	0	0	—	4.7	30	21	5	0
KHARTUM	10	8	30	02	0	0	—	4.9	32	18	5	0
KASSALA	20	3	30	02	1	0	—	4.3	27	28	7	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	90	4	30	02	0	0	—	4.0	31	17	3	0
EL FASHER	40	4	30	02	0	0	—		30	18	3	0
GENEINA	290	1	30	02	0	0	—		30	13	-1	0
MALAKAL	200	4	30	01	1	1	ci	2.3	32	29	12	0
WAU	230	5	30	01	8	7	ac	2.5	30	40	15	dr.
JUBA	50	2	30	13	2	7	ci,ac	2.6	32	36	15	0

At 0600 on Monday 12th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	00	0	15	00	0	0	—	18.4	+2.0	17	21	0	11		60	9	0	84	
SIDI BARANI	00	0	15	00	0	0	—	18.4		14	20		8		72	9	0	98	
MATRUH	300	4	15	00	0	0	—	18.1	+2.2	14	20		9		72	9	0	Rain	
EL DABA																			
ALEXANDRIA	310	10	50	02	2	4	cu	18.6	+2.5	16	19	-2	15	+2	68	10	0	55	174
FOUAD (Airport)	320	6	18	03	1	5	cu,ci	19.0		17	19		13		60	9	0	54	134
DAMIETTA	200	2	7	01	1	3	cu	18.9	+3.0	14	18	-2	8	-2	88	12	0	Rain	95
PORT SA'ID	300	6	13	00	1	1	cu,ci	17.4	+2.2	16	19		14		77	12	0	17	
EL 'ARISH	220	5	35	02	2	4	sc	17.9	+1.4	18	19	-2	13	+3	60	10	0	Rain	77
DAMANHUR	270	5	7	02	1	2	ci	19.1	+2.8	14	19	-4	9	-1	77	10	0	29	87
MANSURA	320	5	35	00	0	0	—	19.0	+2.9	14	20	-3	9	0	77	10	0	29	44
TANTA	00	0	35	02	0	0	—	19.4	+2.6	13	19	-4	8	0	88	11	0	22	34
ZAGAZIG	220	1	35	02	0	0	—	18.7	-2.3	12	22	-1	9	+1	88	10	0	16	23
ISMAILIA	290	2	35	03	1	3	ci	18.3		15	24		11		77	11	0	17	
FAROUK (Airport)	00	0	14	00	1	1	ci	18.9		15	22		10		77	11	0	6	
ALMAZA	00	0	12	03	1	2	ci	18.6	+2.1	15	22		11		72	10	0	11	
EZBEKIYA	00	0	12	02	1	1	ac,ci	18.7	+2.2	14	22	-2	11	+1	82	11	0	8	20
GIZA	00	0	12	02	1	1	ac,ci	18.4	+1.7	16	22	-2	8	0	68	10	0	10	20
HELWAN	00	0	7	00	1	3	ci	19.0	+2.5	13	22	-1	11	0	77	9	0	11	21
FAIYUM	360	8	35	03	0	1	cu,sc	20.0	+3.6	15	25	0	10	+1	68	9	0	4	7
MINYA	350	5	8	00	0	0	—	18.5	+1.8	14	29		6		67	8	0	dr.	
ASYUT MANQABAD	00	0	12	00	0	2	ci	18.0	+1.5	15	30		12		68	9	0	dr.	
NAG' HAMMADI	00	0	7	00	0	0	—	17.4	+1.4	18	31	+5	11	+3	60	10	0	0.1	
QENA	320	2	15	00	0	0	—	16.3	+1.2	17	36	+6	12	+1	52	7	0	0	
LUXOR	220	7	30	00	0	0	—	15.0	-0.7	20	36		12		46	8	0	0	
ASWAN	350	10	50	00	0	0	—	15.2	-0.1	22	37	+7	18	+4	23	0	0	0	
SIWA	00	0		00	0	0	—	19.4	+1.3	15	25	0	8	0	63	8	0	dr.	7
BAHARIYA	40	3	35	02	0	0	—	19.1	+2.1	17	27	+2	10	+1	68	11	0	0	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	18.0	+1.4	21	31	+3	13	+4	50	10	0	0	
KHARGA	360	6	15	00	0	0	—	17.2	+1.1	19	32	+4	15	+4	37	4	0	0	
SUEZ	00	0	35	00	0	0	—	18.2	+2.2	14			10	-2	88	12	0	0.3	13
TOR	310	2	35	00	1	0	—	14.2	-0.7	21	28	+4	17	+5	65	14	0	4	12
HURGHADA																			
QUSEIR	360	19	15	02	0	0	—	14.3	-0.2	21	28	+3	18	+2	41	7	0	dr.	4
PORT SUDAN	00	0	30	02	0	5	ci	11.8		25	30		20		79	21	0	154	94
WADI HALFA	360	5	30	02	0	0	—	13.7		21	39		20		27	1	0	dr.	
ABU HAMAD	360	16	8	07	0	0	—			25	41		23		9	-11	0		
KAREIMA	50	11	30	02	0	0	—	9.7		27	42		26		23	4	0	dr.	1
'ATBARA	20	5	30	02	0	0	—	9.4		26	40		27		37	10	0	0.3	2
KHARTUM	10	9	30	02	0	0	—	7.9		28	41		22		25	6	0	dr.	4
KASSALA	30	2	30	02	0	0	—	6.1		30	41		22		43	16	0	3	8
WAD MEDANI	50	9	50	02	0	0	—	7.9		25	42		19		42	11	0	46	12
RENK																			47
ROSEIRES	50	5	35	02	0	0	—	7.9		25	41		19		14	-5	0	0	37
EL OBEID	10	10	30	02	0	0	—	7.2		29	40		23		15	0	0	6	16
EL FASHER	310	5	35	02	0	0	—			19	39		15		32	2	0	6	6
GENEINA	50	5	30	02	0	0	—			21	39		15		14	-8	0		4
MALAKAL	110	4	30	01	1	4	ac,ci	6.9		30	41		24		35	13	0	70	90
WAU	00	0	30	01	2	7	ac	5.4		28	40		26		52	17	dr.	144	156
JUBA	180	9	30	01	2	7	ac	8.5		27	39		23		70	21	4	178	172

HUMIDITY % Mean of day

STATION	on 11th	Diff. from normal
Alexandria	70	+5
Ezbekiya	64	+4
Giza	64	0
Helwan	52	+5

GIZA GRASS MINIMUM TEMP. ON 12th 4.2°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. Metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 11th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	113	19	52	360	4
950					
900					
850	1419	14	13	290	24
800					
700	3097	4	22	260	32
600					
500	5634	-14	93	260	71
400	7394	-27	95	260	
300	9392	-44	—		

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 11th At 9 30

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	155	19	83	310	11
950					
900					
850	1540	+7	64	270	17
800					
700	3155	6	57	260	20
600					
500	5823	-13		260	43
400					
300	9518	-41		—	—

UPPER WIND OBSERVATIONS on 11th

Station	Matruh Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Port Said Dir.	Vel.	Dakhla Dir.	Vel.	Hurghada Dir.	Vel.	Siwa Dir.	Vel.	Kharga Dir.	Vel.	Fouad A.P. Dir.	Vel.	Farouk Dir.	Vel.	Fouad A.P. Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14		14		14		14		15		20	15	20		20	
Height m.																										
300	320	23	10	20	330	10	310	13	300	14	350	12	290	9	20	14	300	21	10	6	310	9	310	13	10	23
600	280	29	360	20	330	15	300	17	310	12	340	18	310	11	30	18	310	11	360	7	310	10	320	14	360	23
1000	270	20	320	17	320	16	290	13	330	13	320	16	310	9	30	19	300	21	300	10	290	15	330	15	340	25
1500	270	27	310	19	320	24	290	15	290	17	260	13	330	26	350	15	300	20	290	24	310	12	280	19	320	25
2000	280	21	290	26	320	36	270	23			250	19							280	24					290	25
3000			300	36	310	22					270								260	32						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Station	Sidi Barani Dir.	Vel.	Matruh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time					4	15	2						2											
Height m.																								
300					350	12	330	7					40	16										
600					340	15	340	9					20	20										
1000					330	11	350	9					340	22										
1500					340	16	330	10					330	26										
2000							290	17																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa Dir.	Vel.	Abu Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartum Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher Dir.	Vel.	Malakal Dir.	Vel.
Time									4		4		4		4						5		4	
Height m.																								
300									50	15														
600									50	23	30	23	60	21	20	17							110	3
1000									40	22	70	29	60	33	80	27					60	16	180	4
1500									20	8	20	19	60	32	60	21					80	27	150	1
2000									300	12														
3000									310	21			20	19	40	8					120	13	40	17
4000																								
5000															270	4								
6000																								
7000																								
8000																								

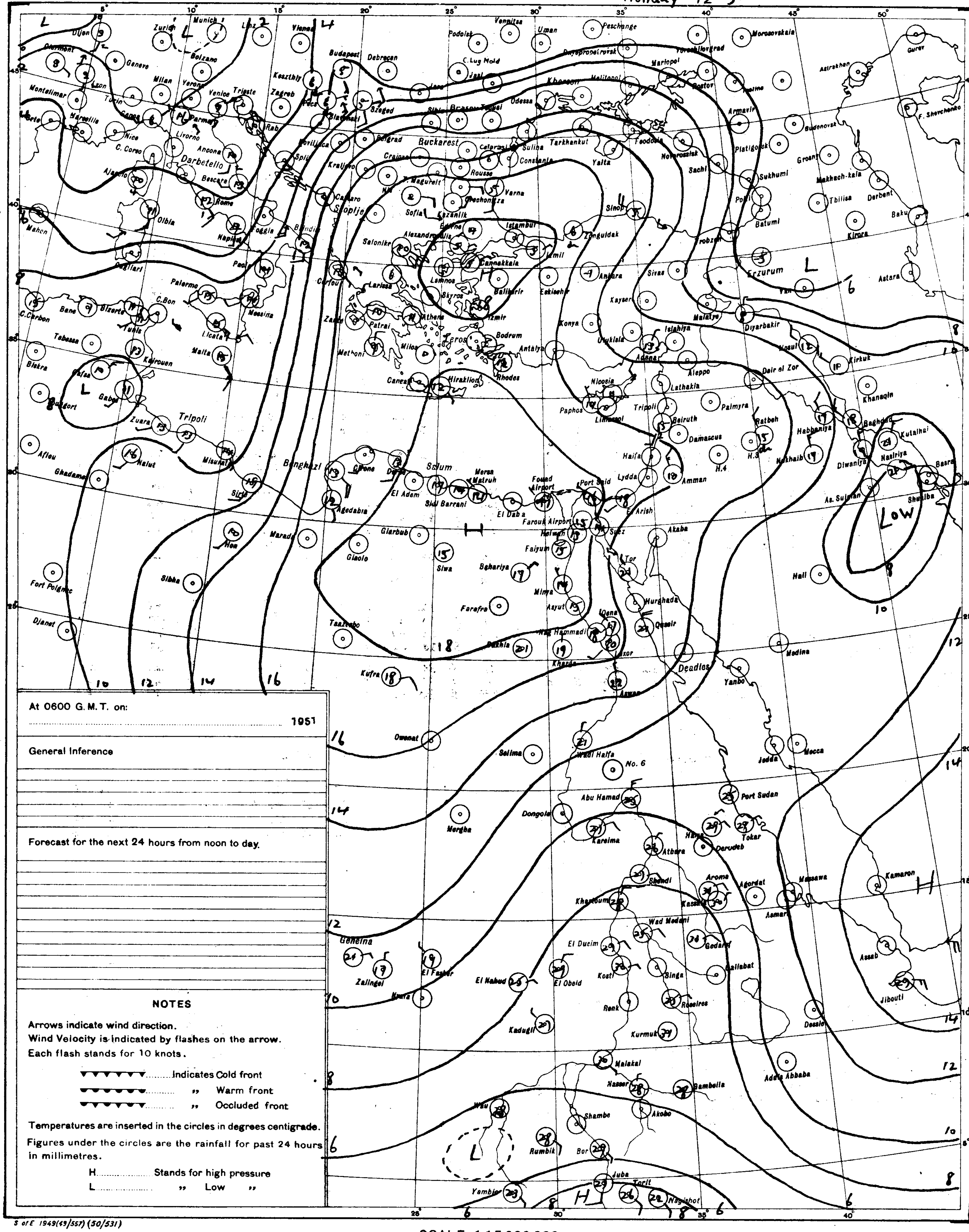
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 12-3- 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m:)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 09 G.M.T.

" " Sunset 16 01 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 13th March, 1951

At 1200 on Monday 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	40	1	35	00	0	1	Ci	18.7	20	46	8
	303	SÎDI BARÂNI	20	8	18	02	0	0	—	17.1	18	73	13
	306	MATRŪH	60	7	15	02	0	1	Cs	19.6	18	52	8
	309	EL DABA	360	15	18	00	0	0	—	18.9	19	52	9
		ALEXANDRIA	360	9	50	02	2	3	Cu	19.4	19	52	9
	318	FOUAD (Airport)	320	11	18	02	1	3	Cu	19.5	19	52	9
	330	DAMIETTA	320	5	35	02	1	2	Cu	19.1	18	52	8
	333	PORT SAÏD	360	10	30	03	0	3	Sc	18.1	18	52	8
	336	EL 'ARISH	360	10	15	03	2	3		17.6	18	60	10
Upper Egypt	339	DAMANHUR	360	9	15	02	1	3	Cu	19.4	20	41	6
	342	MANŞURA	360	5	35	03	2	5	Cu	18.7	22	36	6
	348	TANTA	360	5	35	01	1	4	Cu, Sc	19.5	21	41	7
	354	ZAGAZIG	320	2	50	03	1	3	Cu	18.0	22	44	9
	440	ISMAÏLIA	20	5	35	03	1	5	Cu	18.7	22	36	6
Upper Egypt	366	FAROUK (Airport)	310	10	18	02	2	5	Cu	18.6	20	46	6
	372	ALMÀZA	340	15	30	01	1	4	Cu	17.9	21	41	7
		EZBEKÎYA	360	12	18	02	1	5	Cu	18.3	21	41	7
		GÎZA	360	12	18	02	1	5	Cu	17.9	20	46	8
	378	HELWÂN	360	12	15	02	0	3	Cu	18.2	20	41	6
Upper Egypt	381	FAIYŪM	40	5	35	01	0	0	—	19.1	22	36	6
	387	MINYA	360	11	12	02	1	1	Ci	17.8	24	36	8
	393	ASYŪT MANQABĀD	320	8	18	02	1	1	Ci	16.5	24	36	8
	399	NAG' HAMMADI	320	2	7	01	0	0	—	14.6	28	27	7
	402	QENA	270	3	50	03	1	3	Ci	13.4	30	25	8
	405	LUXOR	320	12	30	01	1	1	Ci	13.6	29	31	10
	414	ASWÂN	20	3	50	00	0	0	—	12.9	30	14	0
Desert	417	SÎWA	160	4	14	02	1	1	Ci	19.2	24	47	12
	420	BAHARÎYA	360	3	35	02	0	0	—	18.0	23	44	10
	423	FARAFRA	40	2	35	02	1	1	ac	18.0	25	54	15
	432	DAKHLA	360	7	50	00	0	0	—	16.6	26	37	10
	435	KHARGA	360	10	15	02	1	2	Ci	15.4	26	25	4
Red Sea	450	SUEZ	40	5	50	03	0	3	Cu	17.2	20	41	6
	459	TÓR	310	9	50	00	0	0	—	13.6	22	65	15
	462	HURGHADA	320	23	30	01	1	1	Ci	13.6	23	44	10
	465	QUSEIR	360	19	15	00	0	0	—	14.2	24	47	12
	641	PORT SŪDÂN	80	16	30	01	1	1	Cu	9.9	29	70	23
North Sudan	600	WÂDI HALFA	20	20	30	02	0	0	—	10.6	34	6	-8
	640	ABU ḤAMAD	260	4	30	02	0	0	—		39	6	-5
	660	KAREIMA											
	680	'ATBARA	50	13	10	07	0	0	—	4.6	40	5	-7
	721	KHARTŪM	20	15	30	02	0	0	—	3.9	40	13	7
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	50	5	35	02	0	0	—	1.4	40	11	4
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	80	9	30	03	0	2	Ci		34	12	5
	770	GENEINA	40	4	30	03	0	1	Cu		38	9	-1
S. Sudan	840	MALAKÂL	160	6	30	03	1	5	Cs	2.2			9
	880	WÂU											
	941	JUBA	180	9	30	03	2	7	Cu, ac	2.5	36	33	17

At 1800 on Monday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALŪM	30	1	15	00	0	0	—	19.6	17	77	13	0
SÎDI BARÂNI	10	3	14	02	0	0	—	20.1	15	77	11	0
MATRŪH	100	8	15	00	0	0	—	21.5	14	72	8	0
DABA	00	0	7	00	0	0	—	21.1	15	68	9	0
ALEXANDRIA	20	4	35	02	2	3	Cu	21.4	16	59	8	0
FOUAD (Airport)	30	4	12	02	0	2	Sc	21.5	14	77	10	0
DAMIETTA	320	5	7	02	1	3	Cu	20.8	15	77	11	0
PORT SAÏD	20	7	15	02	0	2	Sc	19.1	17	60	9	0
EL 'ARISH	320	5	15	01	0	1	Cu	19.4	17	60	9	0
DAMANHŪR	360	9	7	02	1	3	Cu	21.5	14	77	10	0
MANŞURA	40	5		00	1	0	—	21.5	15	68	9	0
TANTA	00	0	35	02	1	0	—	21.1	14	77	10	0
ZAGAZIG	320	1	35	02	1	0	—	20.6	15	63	8	0
ISMAÏLIA	20	2	35	01	0	0	—	21.1	16	49	5	0
FAROUK (Airport)	40	12	12	00	1	0	—	20.6	16	68	10	0
ALMÀZA	40	11	15	00	0	0	—	20.3	17	56	8	0
EZBEKÎYA	40	10	12	00	0	0	—	20.7	16	59	8	0
GÎZA	40	10	12	00	0	0	—	20.3	17	52	7	0
HELWÂN	360	17	15	02	0	0	—	20.4	17	52	7	0
FAIYŪM	00	0	35	02	0	0	—	20.4	18	46	6	0
MINYA	360	5	8	00	1	0	—	19.1	16	59	8	0
ASYŪT MANQABĀD	280	7	10	00	0	0	—	18.2	17	64	10	0
NAG' HAMMADI	360	1	15	00	0	0	—	17.2	22	41	8	0
QENA	360	2	7	02	1	3	Ci	15.8	21	33	4	0
LUXOR	280	4				0	—	14.7	21	50	10	0
ASWÂN	350	5	50	00	0	0	—	13.9	25			0
SÎWA	130	3	11	00	0	0	—	19.4	20	49	9	0
BAHARÎYA	360	2	15	02	0	0	—	19.1	19	46	7	0
FARAFRA	40	2	15	02	1	0	—	19.0	18	60	10	0
DAKHLA	00	0	50	00	0	0	—	17.0	22	50	11	0
KHARGA	360	2	15	00	0	0	—	17.0	22	59	3	0
SUEZ	360	4	15	01	0	0	—	19.9	16	59	8	0
TÓR	310	2	7	00	0	0	—	16.8	20	64	13	0
HURGHADA	320	5	12	00	0	0	—	14.4	22	47	10	0
QUSEIR	330	19	15	01	0	0	—	14.8	23	44	10	0
PORT SŪDÂN	340	12	30	02	0	1	Cu	12.2	26	84	23	0
WÂDI HALFA	10	9	30	02	0	4	—	12.1	27	20	2	0
ABU ḤAMAD	360	3	30	02	0	0	—		30	10	-5	0
KAREIMA	50	4	30	02	0	0	—	7.9	31	19	5	0
'ATBARA	20	5	30	02	0	0	—	7.2	31	13	0	0
KHARTŪM	30	10	30	02	0	0	—	5.5	33	15	3	0
KASSALA	30	6	30	02	0	0	—	4.9	31	19	5	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	11	30	02	0	0	—	3.9	33	8	-5	0
EL FÂSHER	40	7	30	02	0	0	—		30	19	4	0
GENEINA	340	3	30	02	0	0	—		32	10	-3	0
MALAKÂL	60	1	30	01	1	3	Ci	2.2	34	27	12	0
WÂU	160	9	30	01	1	0	—	4.5	29	49	17	0
JUBA	230	13	30	61	9	8	Cb	6.3	25	74	20	0.5

At 0600 on Tuesday 13th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
SALUM	00	0	15	00	0	0	—	21.0	+4.7	18	21	0	12	+1	52	8	0	84		SALUM
SÎDI BARÂNI	160	7	14	00	0	0	—	21.2		14	20		10		77	10	0	98		SÎDI BARÂNI
MATRŪH	170	8	15	02	0	1	Ci	22.5	+5.8	15	19		9		68	9	0	Rain		MATRŪH
EL DABA	140	4	15	00	0	0	—	21.6		13	20		7		77	9	0	49		EL DABA
ALEXANDRIA	90	7	50	03	2	2	Cu, Ci	23.3	+7.2	18	20	-1	13	0	56	9	0	55	175	ALEXANDRIA
FOUAD (Airport)	100	6	18	03	0	1	Ci	23.6		16	20		9		68	10	0	54	135	FOUAD (Airport)
DAMIETTA	20	2	7	01	1	1	Cu	23.1	+7.2	16	19	-1	10	0	68	10	0	Rain	95	DAMIETTA
PORT SAÏD	70	11	30	02	0	2	Cu	22.8	+7.6	17	19		15		56	8	0	17		PORT SAÏD
EL 'ARISH	160	2	35	02	0	1	Cu	22.8	+6.3	17	21	0	9	-1	60	9	0	Rain	77	EL 'ARISH
DAMANHŪR	90	9	7	02	0	0	—	23.5	+7.2	13	21	-2	9	-1	77	9	0	29	87	DAMANHŪR
MANŞURA	40	5	35	00	0	0	—	24.0	+7.9	15	22	-1	10	+1	68	9	0	29	44	MANŞURA
TANTA	90	2	35	02	0	0	—	23.1	+6.3	13	22	-1	7	-1	77	9	0	22	34	TANTA
ZAGAZIG	40	1	35	02	0	0	—	23.1	+6.8	13	22	-2	8	0	88	11	0	16	23	ZAGAZIG
ISMAÏLIA	110	5	35	01	0	0	—	23.1		16	23		8		59	8	0	17		ISMAÏLIA
FAROUK (Airport)	70	13	18	03	0	1	ac	23.3		15	21		11		68	9	0	6		FAROUK (Airport)
ALMÀZA	80	13	12	03	0	2	Ci	22.8	+6.4	15	22		11		48	4	0	11		ALMÀZA
EZBEKÎYA	40	10	12	02	1	1	Ci	22.7	+6.3	15	22	-2	11	+1	63	8	0	8	20	EZBEKÎYA
GÎZA	40	10	12	02	1	1	Ci	22.6	+5.9	16	22	-2	6	-2	59	8	0	10	20	GÎZA
HELWÂN	40	14	15	00	0	1	Ci	22.6	+6.2	15	21	-3	12	+1	59	7	0	11	22	HELWÂN
FAIYŪM	360	8	35	03	0	1	Cu, Sc	22.1	+5.7	14	23	-2	10	+1	67	8	0	4	7	FAIYŪM
MINYA	10	9	8	00	0	0	—	20.8	+4.1	13	24		6	-3	72	8	0	dr.		MINYA
ASYŪT MANQABĀD	320	4	12	00	0	0	—	20.3	+3.9	14	25		9		59	6	0	dr.		ASYŪT MANQABĀD
NAG' HAMMADI	270	2	7	00	0	0	—	18.6	+2.7	15	31	+5	10	+2	68	9	0	0.1		NAG' HAMMADI
QENA	360	2	15	00	0	0	—	18.6	+3.5	18	32	+2	12	+1	46	6	0	0		QENA
LUXOR	00	0	30	00	0	0	—	18.3	+2.7	13			11		77	9	0	0		LUXOR
ASWÂN											31	+1								ASWÂN
SÎWA	110	4	12	03	1	2	Ci	21.9	+3.8	14	27	+2	11	+3	59	6	0	dr.	7	SÎWA
BAHARÎYA	90	5	35	02	0	0	—	21.5	+4.5	16	25	0	11	+4	59	8	0	0	7	BAHARÎYA
FARAFRA	20	2	35	02	0	0	—	21.8		14	27		8		77	10	0	dr.		FARAFRA
DAKHLA	00	0	50	00	0	0	—	20.4	+3.8	18	27	-1	14	+4	60	10	0	0		DAKHLA
KHARGA	360	2	15	00	0	0	—	19.2	+3.2	17	27	-1	14	+3	42	4	0	0		KHARGA
SUEZ	20	4	35	00	0	0	—	22.0	+6.0	14	23	-1	9	-3	67	8	0	0.3	13	SUEZ
TÓR	00	0	35	00	0	0	—	18.4	+3.6	18	22	-2	12	0	37	3	0	4	12	TÓR
HURGHADA	290	19	30	00	0	0	—	19.0	+4.1	18	23		14		52	8	0	0		HURGHADA
QUSEIR	360	19	15	02	0	0	—	17.9	+3.5	19	24	-1	18	+1	52	9	0	dr.	4	QUSEIR
PORT SŪDÂN	350	15	30	03	0	1	sc	14.6		25	31		21		65	18	0	154	94	PORT SŪDÂN
WÂDI HALFA											35									WÂDI HALFA
ABU ḤAMAD	360	11	30	02	0	0	—			24	40		21		15	-5	0			ABU ḤAMAD
KAREIMA	50	7	30	02	0	0	—	13.0		25	40		21		19	0	0	dr.	1	KAREIMA
'ATBARA											40								2	'ATBARA
KHARTŪM	280	8	30	03	0	1	Ci	10.6		26	40		21		27	5	0	dr.	4	KHARTŪM
KASSALA	30	9	30	03	1	5	Ci	8.5		27	41		21		58	18	0	3	8	KASSALA
WÂD MEDANI	50	9	35	02	0	2	Ci	9.4		27	43		21		33	9	0	46	12	WÂD MEDANI
RENK																			49	RENK
ROSEIRES	270		35	02	0	0	—	9.3		25	43		21		36	9	0	0	37	ROSEIRES
EL OBEID	140	9	30	03	0	7	Cs	9.1		26	40		22		13	-5	0	6	16	EL OBEID
EL FÂSHER											40								6	EL FÂSHER
GENEINA											39								4	GENEINA
MALAKÂL	00	0	30	03	1	5	Ci	8.4		29	41		25		49	17	0	70	90	MALAKÂL
WÂU											39								156	WÂU
JUBA	320	5	30	01	2		ac, Cs	8.2		26	38		22		70	20	0.5	198	173	JUBA

HUMIDITY %

Mean of day

Station	on 12th	Diff from normal
Alexandria	58	-7
Ezbeklya	65	+5
Giza	60	-4
Helwan	56	+11

GÎZA

GRASS MINIMUM TEMP. ON 13th 2.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ..... AIRPORT — On 12th At 15h

Pressure mbs	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	156	20	41	360	10
950					
900					
850	1525	7	71	350	12
800					
700	3107	4		320	14
600					
500	5760	-13		300	59
400	7426	25		300	65
300	9458	-39		290	62

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 13th

Station	Farouk A.P.		Fouad A.P.		Sidi Barrani														Port Said		[illegible]		Farouk A.P.		Fouad A.P.	
Time	15		14		14														20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	13	350	14	30	10													10	9	20	22	50	25	40	6
600	360	14	10	13	300	7													10	9	10	21	50	22	30	7
1000	360	12	20	7	260	8													10	9	20	2.	40	19	20	8
1500	350	12	350	10	340	10													10	7	36	16	330	10	20	11
2000	340	20			350	12																	10	20		
3000	310	24			320	29																	100	33		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time																			4	30	5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																								
1000																			60	40	40	21		
1500																			60	34	70	31		
2000																								
3000																			50	6				
4000																								
5000																			280	6				
6000																								
7000																								
8000																								

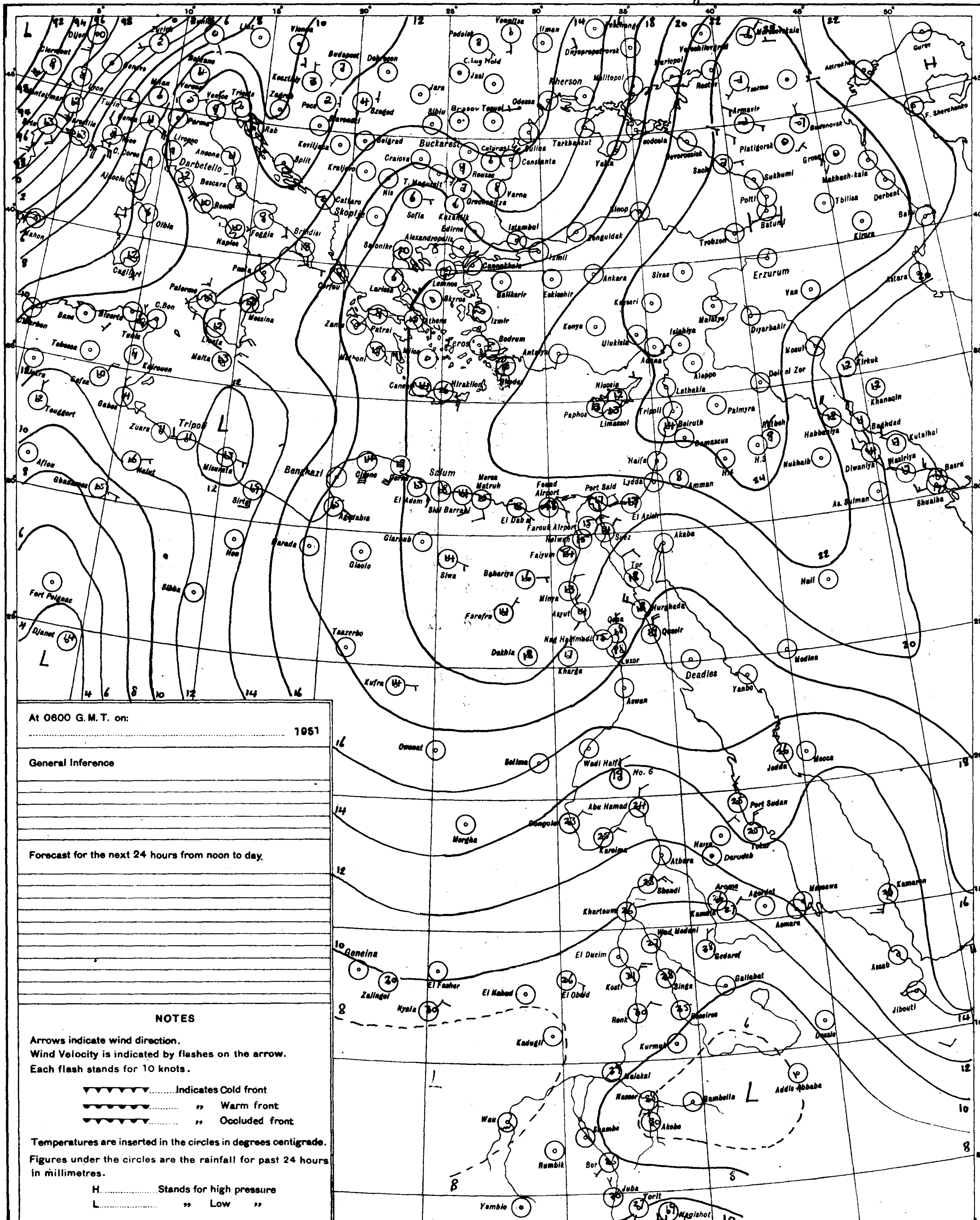
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 13/3/1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
●●●●●●●........ ,, Warm front
▼●▼●▼●▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless................................00.
Clouds dissolving........................01.
State of sky generally unchanged........02.
Clouds developing........................03.

Visibility more than 1000 metres:
- Visibility reduced by smoke..........04.
- Dry haze..........05.
- Dust in the air..........06.
- ,, or sand raised by wind..........07.
- Dust devil..........08.
- Duststorm or sandstorm within sight or at station during last hour..........09.
- Mist..........10.
- Shallow fog..........12.

Lightning, no thunder heard..........13.
Precipitation within sight..........16.
Thunder, no precipitation..........17.

During past hour and not at time of observation:
- Squalls..........18.
- Drizzle..........20.
- Rain..........21.
- Showers of rain..........25.
- ,, ,, hail..........27.
- Fog..........28.
- Thunderstorm..........29.

Duststorm or Sandstorm..........31.
Fog..........45.
Drizzle..........50.
Rain..........60.
Showers of rain..........80.
,, ,, hail..........87.
Rain } Thunderstorm during..........91.
Hail } the past hour..........93.
Thunderstorm with rain..........95.
,, ,, hail..........96.
,, ,, Sandstorm..........98.

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds..........0.
Some clouds..........1.
Mainly overcast..........2.
Sandstorm or Duststorm..........3.
Fog or thick dusthaze *(vis less than 1000 m.)*..........4.
Drizzle..........5.
Rain..........6.
Snow or rain and snow..........7.
Showers of rain..........8.
Thunderstorm with or without rain..........9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless..........0
1/8 of sky coverd or trace of cloud..........1
2/8 th ,, ,, ,,..........2
3/8 ,, ,, ,, ,,..........3
4/8 ,, ,, ,, ,,..........4
5/8 ,, ,, ,, ,,..........5
6/8 ,, ,, ,, ,,..........6
7/8 ,, ,, ,, ,,..........7
Sky completely covered..........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness..........9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 08 G.M.T.
" " Sunset 16 02 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 14th March, 1951

Area	Index Number	Station	At 1200 on Tuesday 13th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	At 1800 on Tuesday 13th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Mediterranean	62300	SALÛM	40	2	15	02	1	3	Ci	20.8	22	44	9												
	309	SÎDI BARÂNI	80	15	18	01	0	1	Ci	21.5	20	73	15												
	308	MATRÛH	110	13	14	03	0	3	Ci	22.7	20	53	10	130	7	15	01	1	2	Ci	23.6	14	77	10	0
	319	EL DABA	40	5	35	00	0	0	—	22.5	19	56	10												
		ALEXANDRIA	40	16	50	01	2	1	Cu	23.0	18	60	10	90	11	35	00	0	0	—	23.4	15	68	9	0
	318	FOUAD (Airport)	20	15	18	02	0	0	—	23.0	20	53	10	50	10	12	01	0	0	—	23.8	14	77	10	0
	330	DAMIETTA	20	5	35	00	0	0	—	23.0	19	52	9	40	5	7	00	0	0	—	22.3	16	77	12	0
	333	PORT SAÏD	80	10	30	02	0	0	—	22.3	19	52	9	70	15	14	02	0	0	—	21.7	17	64	10	0
	336	EL 'ARISH	40	13	15	00	0	0	—	22.3	19	52	9	40	9	15	02	0	0	—	21.1	17	68	11	0
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	23.3	22	44	9	40	9	7	02	0	0	—	23.9	13	77	9	0
	342	MANSURA	360	9	35	00	0	0	—	23.8	22	44	9	20	9		00	0	0	—	24.0	15	68	9	0
	348	TANTA	360	13	35	02	0	0	—	22.7	23	44	10	00	0	35	02	0	0	—	23.6	13	77	9	0
	354	ZAGAZIG	40	3	35	02	0	0	—	21.6	23	44	10	40	3	35	02	0	0	—	23.1	15	72	10	0
	440	ISMAÏLIA	40	9	35	02	0	0	—	21.9	22	36	6	20	9	35	02	0	0	—	23.8	15	77	11	0
Cairo	366	FAROUK (Airport)	70	13	30	01	0	1	Ci	21.7	23	24	1	70	19	12	01	0	0	—	22.2	16	64	9	0
	372	ALMAZA	70	16	30	03	0	1	Ci	21.0	22	29	3	70	16	12	00	0	0	—	22.0	17			0
		EZBEKIYA	20	8	18	00	0	0	—	21.4	24	26	3	40	18	12	00	0	0	—	22.4	17	56	8	0
		GÎZA	20	8	18	00	0	0	—	21.4	24	21	0	40	18	12	00	0	0	—	22.3	17	60	9	0
	378	HELWÂN	20	24	35	02	0	0	—	21.5	24	15	-5	20	32	35	02	0	0	—	21.4	17	52	7	0
Upper Egypt	381	FAIYÛM	360	8	35	01	0	0	—	21.1	24	21	0	00	0	35	02	0	0	—	21.6	19	37	4	0
	387	MINYA	350	12	10	00	0	0	—	16.6	26	21	2	360	9	8	-00	0	0	—	18.8	16	45	4	0
	393	ASYÛT MANQABÂD	30	6	30	00	0	0	—	16.8	29	20	4	260	4	10	00	0	0	—	17.9	20	46	8	0
	399	NAG' HAMMÂDI	270	1	15	00	0	0	—	15.6	29	29	9	00	0	7	00	0	0	—	17.2	20	56	11	0
	409	QENA	130	2	50	00	0	0	—	15.9	29	23	6	360	2	7	00	0	0	—	17.0	21	33	4	0
	405	LUXOR	10	5	30	00	0	0	—	15.3	29	31	10	00	0	12	00	0	0	—	16.1	24	34	7	0
	414	ASWÂN	330	6	50	00	0	0	—	13.9	31	12	-1	350	4	50	00	0	0	—	14.9	26	18	0	0
Oases	417	SÎWA	120	8	14	01	1	1	Ci	21.4	24	47	12												
	420	BAHARÎYA	360	4	35	02	0	0	—	19.5	25	28	5	40	3	15	02	0	0	—	20.3	20	33	3	0
	423	FARAFRA	40	2	35	02	0	0	—	20.3	24	54	14	40	1	15	02	0	0	—	20.0	18	52	8	0
	432	DAKHLA	360	6	50	00	0	0	—	17.4	29	40	14	270	6	50	00	0	0	—	17.0	23	44	10	0
	435	KHARGA	360	6	15	00	0	0	—	16.4	28	16	0	00	0	15	00	0	0	—	15.9	22	33	5	0
Red Sea	450	SUEZ	360	5	50	02	0	0	—	19.9	24	26	3	360	6	7	02	0	0	—	21.5	17	52	7	0
	459	TÛR	310	5	35	00	0	0	—	18.0	22	65	15	310	2	7	00	0	0	—	17.5	20	73	15	0
	462	HURGHADA	340	7	30	00	0	0	—	17.5	21	50	10	290	11	12	00	0	0	—	17.7	20	35	4	0
	465	QUSEIR	360	13	15	02	0	0	—	17.9	23	61	15	310	9	15	02	0	0	—	18.7	20	56	11	0
	641	PORT SÛDÂN	20	18	30	02	1	0	—	13.2	27	62	19	330	6	30	02	0	0	—	13.5	24	74	19	0
North Sudan	600	WÂDI HALFA	10	13	50	02	0	0	—	12.9	32	13	0	10	5	50	02	0	0	—	13.6	27	20	2	0
	640	ABU HAMAD	360	7	30	02	0	0	—		36	6	-7	360	8	30	02	0	0	—		28	14	-2	0
	660	KAREIMA	50	11	30	02	1	0	—	8.6	36	13	4	20	11	30	02	0	0	—	10.0	30	17	2	0
	680	'ATBARA	20	13	18	07	0	0	—	6.1	38	9	0												
	721	KHARTÛM	20	17	35	07	0	0	—	6.3	38	12	4	20	11	30	01	1	0	—	7.5	31	16	2	0
	730	KASSALA												120	11	35	01	2	2	Ci	5.7	31	33	13	0
Central Sudan	751	WÂD MEDANI	50	13	15	02	0	2	Ci	4.3	39	10	2												
	801	RENK																							
	802	ROSEIRES	360	13	35	02	0	0	—	2.6	41	7	-2												
	771	EL OBEID	60	23	7	07	1	7	Cs	4.0	39	4	-9												
	760	EL FÂSHER	80	15	30	01	1	4	Ci		37	13	5	70	9	18	01	1	0	—		21	35	5	0
	770	GENEINA	70	9	30	03	1	2	Cu, Ci		38	9	-1												
S. Sudan	840	MALAKÂL	20	6	30	03	2	8	Cu, Ci	3.2	39	16	9												
	880	WÂU	70	5	30	03	1	6	Cu	3.2	38	24	14												
	941	JUBA	270	2	30	03	1	8	Cu, Cs	2.3	37	33	18												

Station	At 0600 on Wednesday 14th March: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C: Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms: Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
SALUM																				SALUM
SÎDI BARÂNI																				SÎDI BARÂNI
MATRÛH	170	9	15	02	2	6	Ci	21.7	+5.1	14	20		11		77	10	0	Rain		MATRÛH
EL DABA																				EL DABA
ALEXANDRIA	90	10	50	03	1	5	Ac, Ci	22.4	+6.4	15	20	-1	12	-1	77	11	0	55	175	ALEXANDRIA
FOUAD (Airport)	90	13	18	02	1	6	Ac, Ci	22.6		15	21		10		77	11	0	54	135	FOUAD (Airport)
DAMIETTA	90	2	7	03	0	1	ac	22.8	+6.9	18	20	0	14	+4	73	13	0	Rain	96	DAMIETTA
PORT SAÏD	90	13	18	03	0	1	Ci	21.0	+5.9	18	20		16		60	10	0	17		PORT SAÏD
EL 'ARISH											22	+1							78	EL 'ARISH
DAMANHUR	90	9	7	02	1	3	Ci	23.1	+6.8	14	23	0	9	-1	88	12	0		88	DAMANHÛR
MANSURA	90	5	35	00	0	0	—	23.0	+7.0	15	23	0	11	+2	77	11	0	29	44	MANSÛRA
TANTA	90	5	35	01	1	2	Cu, Sc	23.1	+6.3	14	24	0	7	-1	77	10	0	22	34	TANTA
ZAGAZIG	40	2	35	03	0	3	Ci	22.4	+6.1	13	26?	+2	9	+1	88	11	0	16	23	ZAGAZIG
ISMAÏLIA	90	9	35	03	1	4	Ci	22.4		17	23		10		60	9	0	17		ISMAÏLIA
FAROUK (Airport)	70	11	15	03	0	4	Ci	22.0		14	24		10		72	9	0	6		FAROUK (Airport)
ALMAZA	70	14	14	02	2	3	Ci	21.6	+5.2	13	24		10		77	9	0	11		ALMÂZA
EZBEKIYA	90	8	12	02	1	2	Ci	21.4	+5.0	15	25	0	10	0	68	9	0	8	20	EZBEKIYA
GÎZA	90	8	12	02	1	2	Ci	21.0	+4.3	15	24	0	7	-1	68	9	0	10	20	GÎZA
HELWÂN	70	4	15	02	1	3	Ci	20.4	+4.0	18	24	0	13	+2	37	3	0	11	22	HELWÂN
FAIYÛM	360	8	35	03	1	3	Ci	21.4	+5.0	15	26	+1	10	+1	59	7	0	4	7	FAIYÛM
MINYA	350	6	8	02	1	2	Ci	19.0	+2.4	14	26		8		67	8	0	dr.		MINYA
ASYÛT MANQABÂD	320	3	8	01	0	1	Ci	19.1	+2.7	13	30		10		63	6	0	dr		ASYÛT MANQABÂD
NAG' HAMMÂDI	00	0	15	01	0	1	Cs	18.0	+2.2	19	30	+4	9	0	52	9	0	0.1		NAG' HAMMÂDI
QENA	40	2	15	02	1	4	Ci	16.8	+1.8	20	32	+2	15	+4	24	-1	0	0		QENA
LUXOR	20	4	30	01	0	1	Ci	17.2	+1.7	18	31		12		37	2	0	0		LUXOR
ASWÂN	00	0	50	00	0	0	—	17.6	+2.5	20	32	+2	16	+1	38	5	0	0		ASWÂN
SÎWA																			7	SÎWA
BAHARÎYA	90	3	35	02	0	0	—	19.9	+3.0	18	26	+1	11	+2	52	8	0	0	7	BAHARÎYA
FARAFRA	20	1	35	02	1	2	ac	20.0		13	26		9		77	9	0	dr.		FARAFRA
DAKHLA	180	3	50	00	0	0	—	18.2	+1.7	14	29	+1	11	+1	42	1	0	0		DAKHLA
KHARGA	360	1	15	03	1	2	Ci	17.6	+1.6	19			13	+2	24	-2	0	0		KHARGA
SUEZ	360	4	35	00	0	0	—	20.6	+4.6	16	25	+1	11	-1	59	8	0	0.3	13	SUEZ
TÛR	00	0	7	00	0	0	—	17.5	+2.7	18	24	0	11	-1	68	12	0	4	12	TÛR
HURGHADA	290	6	30	00	0	0	—	18.6	+3.8	18	22		16		52	8	0	0		HURGHADA
QUSEIR	310	13	15	02	0	0	—	17.8	+3.4	21	25	0	18	+1	41	7	0	dr.	4	QUSEIR
PORT SÛDÂN	60	12	30	02	0	0	—	14.0		25	29		18		61	17	0	154	94	PORT SÛDÂN
WÂDI HALFA	360	5	50	02	0	0	—	15.5		18	33		14		30	0	0	dr.		WÂDI HALFA
ABU HAMAD	20	5	30	02	0	0	—			23	37		17		22	0	0			ABU HAMAD
KAREIMA	40	10	30	02	1	0	—	12.1		23	38		20		27	3	0	dr.	1	KAREIMA
'ATBARA	360	13	10	07	0	0	—	10.3		25	39		18		32	7	0	0.3	2	'ATBARA
KHARTÛM	30	7	30	01	1	2	Ci	10.0		24	38		20		22	1	0	dr.	4	KHARTÛM
KASSALA	20	14	30	02	0	0	—	7.4		26	38		21		58	17	0	3	8	KASSALA
WÂD MEDANI																			12	WÂD MEDANI
RENK																			49	RENK
ROSEIRES																			37	ROSEIRES
EL OBEID	40	14	30	03	1	5	ac, Ci	9.4		25	39		19		7	-13	0	6	16	EL OBEID
EL FÂSHER	30	1	30	03	0	3	Ci			24	38		19		24	2	0	6	6	EL FÂSHER
GENEINA	50	6	30	01	1	4	Ci			22	40		15		15	-6	0		4	GENEINA
MALAKÂL	20	13	30	03	2	7	ac	7.4		28	41		25		42	14	0	70	90	MALAKÂL
WÂU	50	1	30	02	2	9	ac, Cs	6.7		29	39		25		43	15	0	144	157	WÂU
JUBA	230	5	30	03	2	8	Sc, ac	7.4		27	40		24		66	20	0.5	199	174	JUBA

HUMIDITY %

Mean of day

STATION	on 13th	Diff (from normal)
Alexandria	65	0
Ezbeklya	55	-5
Gîza	52	-12
Helwân	49	+2

GÎZA
GRASS MINIMUM TEMP ON 14th 4.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 13th At 15z: Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On ..... At .....: Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On ..... At .....: Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	181	22	29	20	17	1000						1000					
950						950						950					
900						900						900					
850	1563	14	16	50	9	850						850					
800						800						800					
700	3180	6		40	25	700						700					
600						600						600					
500	5842	-13		310	37	500						500					
400	7502	-26		300	58	400						400					
300	9521	-41		320	78	300						300					

UPPER WIND OBSERVATIONS on 13th

Height m.	Hurghada Dir.	Vel.	El Arish Dir.	Vel.	Port Said Dir.	Vel.	Kharga Dir.	Vel.	Asyut Dir.	Vel.	Minya Dir.	Vel.	Dakhla Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Fouad Dir.	Vel.	Farouk Dir.	Vel.	Minya Dir.	Vel.
Time	14	15	13	30	14		14		14		14		14								20		20		20	
300	330	10	190	12	70	17	20	16	360	10	350	19	350	6							70	18	70	43	10	27
600	350	9	40	7	50	13	30	22	360	11	20	20	350	14							70	21	70	44	40	29
1000	10	9	350	10	30	10	30	28	360	12	50	17	360	14							70	23	60	33	40	31
1500	320	12	360	6	40	13	40	21	30	14	20	10	350	19							70	16	40	24	290	8
2000	360	10			40	10			20	16	30	19											40	19		
3000	20	21?							350	16													30	22		
4000									320	27																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport 2 Dir.	Vel.	Port Said 4 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya 2 Dir.	Vel.	Asyût Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk 4 Dir.	Vel.
Height m. 300					70	21	30	23					40	23									70	15
600					90	19	20	18					20	6									60	13
1000					80	18	30	20					60	16									60	13
1500					80	19							50	18									50	15
2000					40	17																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Height m. 300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

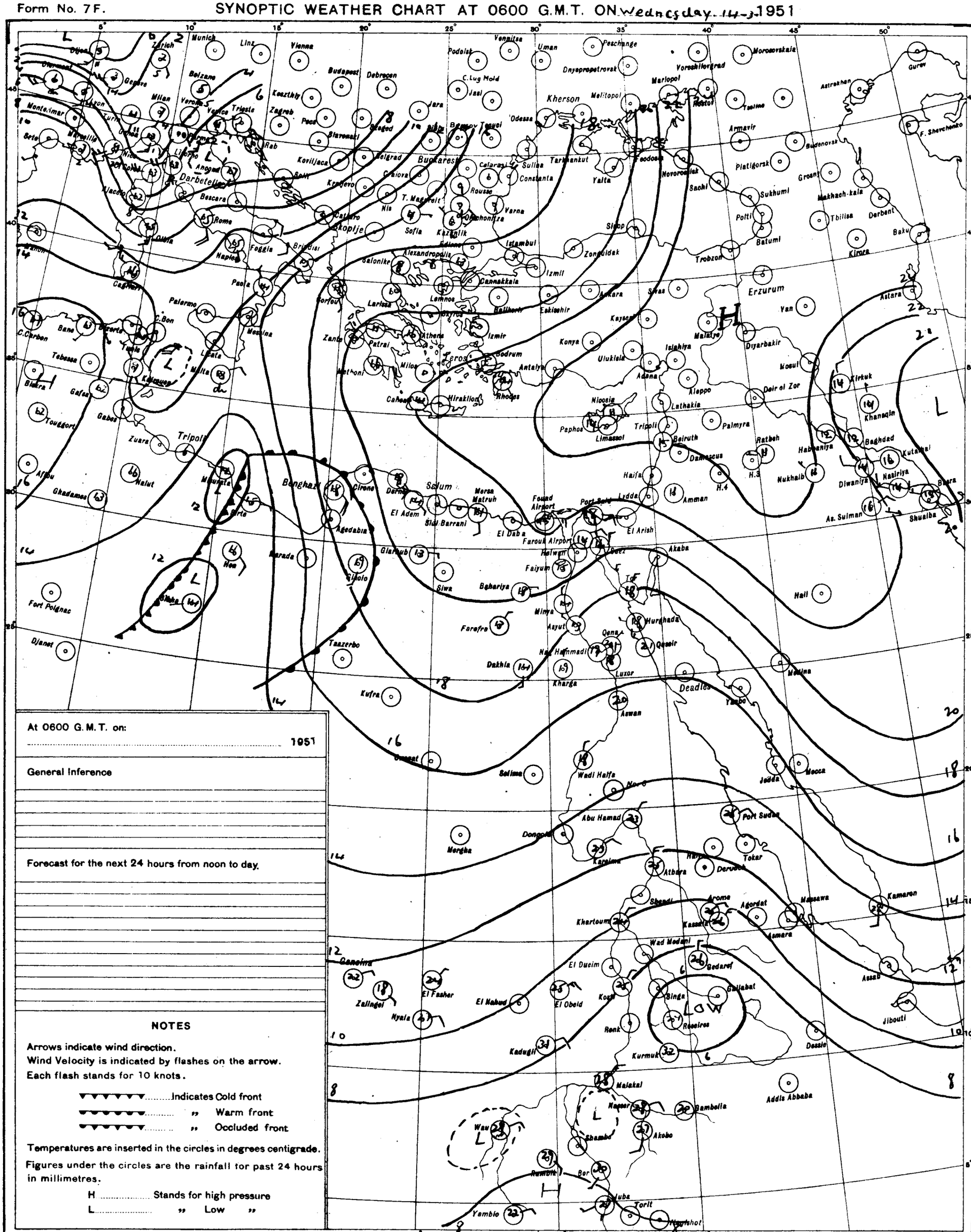
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 14-3-1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 06 G.M.T.

" " Sunset 16 03 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Thursday 15th March, 1951

EGYPTIAN MAY 24 19 WEATHER BU

Area	Index Number	Station	At 1200 on Wednesday 14th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	At 1800 on Wednesday 14th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms	At 0600 on Thursday 15th March: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
Mediterranean	62300	SALUM	40	1	15	02	2	6	ac	20.4	18	83	15	90	2	15	02	2	6	ac	19.9	18	73	13	0	00	0	15	00	0	0	—	18.6		19	20		13		64	12	0	84		SALUM
	303	SIDI BARANI	80	15	18	02	1	3	—	20.9	19	68	13	190	9	13	03	1	6	cs	19.5	16	88	14	0	00	0	15	02	0	0	—	18.8		14	20		11		95	14	0	98		SIDI BARANI
	306	MATRUH	120	13	15	02	1	3	ci	21.0	21	44	8	110	12	12	03	2	7	cs	20.5	17	83	14	0	220	3	15	01	1	0	—	19.3	+2.7	16	22		7		77	12	0	Rain		MATRUH
	309	EL DABA	40	7	35	01	1	3	cu	20.8	18	73	13	70	11	7	03	2	6	sc	20.1	17	68	11	0	40	5	15	00	0	0	—	18.7		18	19		10		83	15	0	49		EL DABA
		ALEXANDRIA	40	13	50	02	2	4	cu, ci	21.0	20	56	11	40	16	35	03	2	6	cs	20.7	17	68	11	0	90	5	50	02	2	3	cu, ci	19.0	+3.0	18	24	+3	14	+1	73	13	0	55	175	ALEXANDRIA
	318	FOUAD (Airport)	30	16	18	02	2	4	ac, ci	20.6	22	53	12	40	13	12	03	2	6	cs	20.7	16	83	13	0	40	4	12	03	1	4	ci	19.8		17	24		12		77	13	0	54	135	FOUAD (Airport)
	330	DAMIETTA	20	5	35	02	0	1	ac	21.4	19	73	14	20	9	7	03	1	4	ac	21.4	17	88	15	0	20	5	7	02	1	4	ac	18.4	+2.6	18	21	+1	16	+5	83	15	0	Rain	96	DAMIETTA
	333	PORT SA'ID	60	15	30	02	0	1	ci	20.2	19	64	12	60	16	18	02	1	4	ac, ci	19.4	17	83	14	0	50	15	15	01	1	5	ac, ci	17.3	+2.2	18	20		17		83	15	0	17		PORT SA'ID
	336	EL 'ARISH	360	13	15	03	0	1	ci	19.9	20	56	11	40	11	10	02	1	1	ci	19.5	17	77	13	0	90	3	14	02	2	6	sc, cc	16.0	-0.4	17	21	0	11	+1	56	8	0	Rain	78	EL 'ARISH
Lower Egypt	339	DAMANHUR	90	13	15	02	1	1	ci	21.1	20	56	11	90	9	7	02	1	3	ci	21.1	16	68	10	0	90	9	7	02	1	3	ci	19.5	+3.2	16	21	-2	10	0	77	12	0	29	88	DAMANHUR
	342	MANSURA	40	9	35	00	0	0	—	21.2	24	38	9	40	9		00	0	0	—	21.4	16	77	12	0	40	5	35	02	1	3	ac	18.6	+2.6	16	25	+2	12	+3	77	12	0	29	45	MANSURA
	348	TANTA	40	8	35	01	1	3	cu, sc	20.7	25	42	11	40	2	35	02	1	0	—	21.1	15	77	11	0	40	5	35	01	1	2	cu, sc	19.4	+2.6	18	26	+2	10	+1	73	13	0	22	34	TANTA
	354	ZAGAZIG	40	3	35	03	1	2	ci	20.4	25	42	11	320	1	35	02	1	0	—	21.6	16	68	10	0	40	2	35	03	1	6	ac	17.8	+1.5	15	28	+4	9	0	88	13	0	16	23	ZAGAZIG
	440	ISMA'ILIA	20	9	35	02	1	4	ci	20.8	26	25	4	90	5	35	02	1	4	ci	20.6	16	72	11	0	360	5	35	03	1	6	ac	17.4		17	26		13		77	13	0	17		ISMA'ILIA
Cairo Area	366	FAROUK (Airport)	70	17	18	03	1	5	cs	19.0	25	28	5	70	16	10	01	1	2	ci	19.9	17	64	10	0	360	10	6	03	1	4	ac, ci	18.2		13	26		12		88	11	0	6		FAROUK (Airport)
	372	ALMAZA	50	15	12	02	2	5	cc	18.2	26	18	0	80	13	12	00	0	0	—	20.0	18	60	10	0	90	10	0.6	40	4	0	—	18.0	+1.6	12	27		11		95	12	0	11		ALMAZA
		EZBEKIYA	70	16	18	02	1	6	ac, ci	18.8	26	23	3	360	8	12	00	0	0	—	19.8	18	60	10	0	360	12	12	02	1	5	cu	18.0	+1.6	13	27	+2	12	+2	72	8	0	8	20	EZBEKIYA
		GIZA	70	16	18	02	1	6	ac, ci	19.1	27	20	2	360	8	12	00	0	0	—	19.5	18	60	10	0	360	12	12	02	1	5	cu	17.8	+1.2	14	27	+3	10	+2	88	12	0	10	20	GIZA
	378	HELWAN	40	20	35	03	2	7	ci	19.2	26	13	-5	40	13	15	02	2	7	ci	19.4	19	37	4	0	340	10	7	01	1	2	ci	16.7	+0.4	17	27	+3	16	+5	42	4	0	11	22	HELWAN
Upper Egypt	381	FAIYUM	360	8	35	03	2	7	ci	17.0	27	15	-2	360	5	35	02	2	7	ci	18.8	21	33	4	0	360	8	35	01	1	3	ci	17.4	+1.0	17	28	+3	12	+3	42	4	0	4	7	FAIYUM
	387	MINYA	350	13	10	03	1	4	ci	16.3	28	25	6	350	9	8	01	1	1	ci	16.1	22	31	4	0	360	8	8	00	0	1	ci	15.2	-1.4	15	30		8		59	7	0	dr.		MINYA
	393	ASYUT MANQABAD	320	3	15	02	1	2	ci	15.2	29	17	1	300	4	10	00	0	0	—	15.4	22	25	1	0	270	3	8	01	0	1	ci	15.2	-1.1	14	30		11		55	5	0	dr.		ASYUT MANQABAD
	399	NAG' HAMMADI	00	0	35	01	0	2	ac	14.3	32	24	9	00	0	15	02	0	5	—	14.4			13	0	00	0	15	00	0	0	—	14.2	-1.5	19	34	+8	10	+1	46	7	0	0.1		NAG' HAMMADI
	402	QENA	180	2	50	02	1	3	ci	14.0	34	14	3	180	2	7	00	0	0	—	15.0	23	38	8	0	40	2	15	00	0	0	—	13.5	-1.5	19	35	+5	14	+3	37	4	0	0		QENA
	405	LUXOR	90	8	30	00	0	0	—	13.3	32	26	10													40	2	30	00	0	0	—	13.4	-2.0	19			10		43	6	0	0		LUXOR
	414	ASWAN	40	5	50	00	0	0	—	11.2	33	9	-4	350	4	50	00	0	0	—	12.2	27	15	-2	0	00	0	50	00	0	0	—	12.9	-2.1	22	34	+4	16	+1	44	9	0	0		ASWAN
Oases	417	SIWA																																										7	SIWA
	420	BAHARIYA	90	3	35	02	1	3	ac	17.2	30	21	5	90	4	15	03	1	5	ac	17.5	23	32	5	0	360	5	35	02	1	3	ac	17.4	+0.6	17	31	+6	11	+2	52	7	0	0	7	BAHARIYA
	423	FARAFRA	90	1	35	02	1	3	ci	17.2	29	40	14	40	2	15	01	1	1	ac	16.4	19	64	12	0	20	2	35	02	2	6	ac	16.8		16	31		12		59	8	0	dr.		FARAFRA
	432	DAKHLA												40	0	50	00	0	0	—	14.3	26	48	14	0	270	3	35	00	0	0	—	14.4	-2.0	17	36	+8	11	+1	68	11	0	0		DAKHLA
	435	KHARGA	00	0	35	00	0	0	—	14.2	32	8	-6	360	1	15	00	0	0	—	14.4	24	16	-4	0	360	2	15	00	0	0	—	13.8	-2.1	18	32	+3	12	+1	24	-3	0	0		KHARGA
Red Sea	450	SUEZ	60	8	50	02	0	3	ci	17.1	27	12	-5	310	7	35	01	0	2	cu	19.2	18	46	6	0	360	6	35	00	0	0	—	15.9	-0.1	17	27	+3	13	+1	52	7	0	0.3	13	SUEZ
	459	TOR	290	2	35	00	0	0	—	17.0	24	54	14	20	2		00	0	0	—	16.4	20	73	15	0	20	2	15	00	0	0	—	13.9	-0.8	18	26	+2			52	8	0	4	12	TOR
	462	HURGHADA	320	4	30	02	1	3	ci	16.1	23	50	12	300		10	03	1	3	ci	14.9	22	74	17	0	290	8	30	03	0	0	—	13.7	-1.1	20	23		12		41	6	0	0		HURGHADA
	465	QUSEIR	20	13	15	00	0	2	ci	17.1	24	54	14	360	9	15	03	1	4	ci	14.5	21	50	10	0	330	9	50	00	0	0	—	13.8	-0.5	20	26	+1	18	+1	41	6	0	dr.	4	QUSEIR
	641	PORT SUDAN	20	18	10	02	1	0	—		27	66	20	310	2	30	02	0	0	—	11.5	23	88	21	0	140	7	30	03	0	1	ac	12.7		23	29		20		88	21	0	154	94	PORT SUDAN
North Sudan	600	WADI HALFA	350	8	50	02	0	0	—	10.7	33	7	-7	360	8	50	02	0	0	—	10.7	26	16	-2	0	00	0	50	03	0	1	cs	11.9		19	35		16		40	5	0	dr.		WADI HALFA
	640	ABU HAMAD	20	4	30	02	0	0	—		35	10	-1	350	3	30	02	0	0	—		27	9	-8	0	10	6	30	02	0	0	—			24	37		18		30	5	0			ABU HAMAD
	660	KAREIMA	40	10	30	02	0	0	—	7.3	36	13	3	20	10	30	02	0	0	—	7.5	31	11	-3	0	80	9	30	02	0	0	—	9.8		25	37		18		28	5	0	dr.	1	KAREIMA
	680	'ATBARA	50	13	10	07	0	1	ci	4.9	36	17	7	20	5	30	02	0	0	—	5.6	30	21	5	0											37								2	'ATBARA
	721	KHARTUM	20	15	15	01	0	0	—	4.1	36	13	4	360	6	30	02	0	0	—	5.2	31	18	4	0	20	10	30	02	0	0	—	8.5		25	37		21		28	5	0	dr.	4	KHARTUM
	730	KASSALA	330	3	30	03	0	1	cu	1.0	39	24	15	40	8	30	01	0	0	—	3.7	31	38	15	0											40								8	KASSALA
Central Sudan	751	WAD MEDANI																																										12	WAD MEDANI
	801	RENK	310	9	35	02	0	2	ci	3.5	39	9	0																															49	RENK
	802	ROSEIRES	230	9	35	02	0	0	—	1.9	39	16	9																															37	ROSEIRES
	771	EL OBEID	50	12	30	01	1	2	ac, ci	4.5	35	7	-7	50	5	30	01	0	0	—	6.3	29	11	-4	0	360	8	30	03	0	2	ci	8.4		25	38		20		10	-9	0	6	16	EL OBEID
	760	EL FASHER	40	15	30	02	0	3	ci		36	10	0													310	4	30	03	1	6	cs			16	37		12		28	-3	0	8	6	EL FASHER
	770	GENEINA	140	9	30	02	1	2	ci		37	4	-11	20	6	30	02	0	0	—		30	11	-3	0	90	7	30	03	1	7	cs			19	38		15		16	-8	0		4	GENEINA
S. Sudan	840	MALAKAL	50	9	30	03	2	4	ac, ci	2.4	40	10	2	00	0	30	02	0	1	ci	3.7	32	21	7	0											41								90	MALAKAL
	880	WAU												20	2	30	02	2	7	ac	4.4	33	23	9	0	270	5	30	01	1	2	ci	7.0		26	41		21		62	18	0	144	158	WAU
	941	JUBA																								180	5	30	03	2	8	ac, cs	6.6		28	38		23		55	18	0	199	175	JUBA

HUMIDITY %

Station	Mean of day on 14th	Diff. from normal
Alexandria	73	+8
Ezbekiya	60	0
Giza	58	-5
Helwan	34	-12

GIZA GRASS MINIMUM TEMP. ON 15th 8.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 14th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	157	24	36	60	20
950					
900					
850	1542	13	—	50	26
800					
700	3143	4	—	330	3
600					
500	5486	-14		290	22
400	7433	-28	—	—	—
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Station	Matruh		Fouad A.P.		Minya		Hurghada		Kharga		Dakhla		Asyut		Port Said										Minya	
Time	14		14		14		14		14		14		14		14										20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	14	40	23	350	17	60	10	10	9	260	3	340	7	90	21									40	29
600	100	18	90	14	20	10	70	6	20	14	260	3	360	5	100	18									60	29
1000			80	20	60	8	50	4	20	10	310	5	50	5	110	15									60	20
1500			80	18	60	9	70	10	50	18	250	9	100	6	120	14									30	6
2000			30	10	210	3	330	10	30	5			350	3	80	17									90	2
3000					220	3							360	5												
4000					310	5							10	3												
5000					300	12																				
6000					280	21																				
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk	
Time	8		8		2		2						2		8		4						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	120	15	100	10	50	10	110	16					20	11	360	3	70	9					60	25
600	110	10	90	10	50	23	110	12					70	10	340	2	90	10					60	24
1000	110	10	90	16	50	17	120	16					80	11	360	2	70	6					50	25
1500	80	8	80	19			170	6					60	7	40	6	60	10					40	25
2000	40	11	30	16			130	4					270	2	330	3	320	9					40	22
3000	10	17	10	22			180	5							320	14								
4000	360	25					200	3																
5000	340	27																						
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time			8		8		8		4		4		4						4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			50	—	240	8	20	9	70	9														
600			50	—	240	3	20	5	80	17	40	17	40	17									30	13
1000			50	—	310	8	30	6	60	19	40	17	50	15					30	35			20	26
1500					300	16	320	8	50	15	60	18	80	33					30	23			30	14
2000					270	20	320	17											40	15			120	3
3000									340	16	310	9	340	12					50	15			190	11
4000																								
5000																								
6000																								
7000																								
8000																								

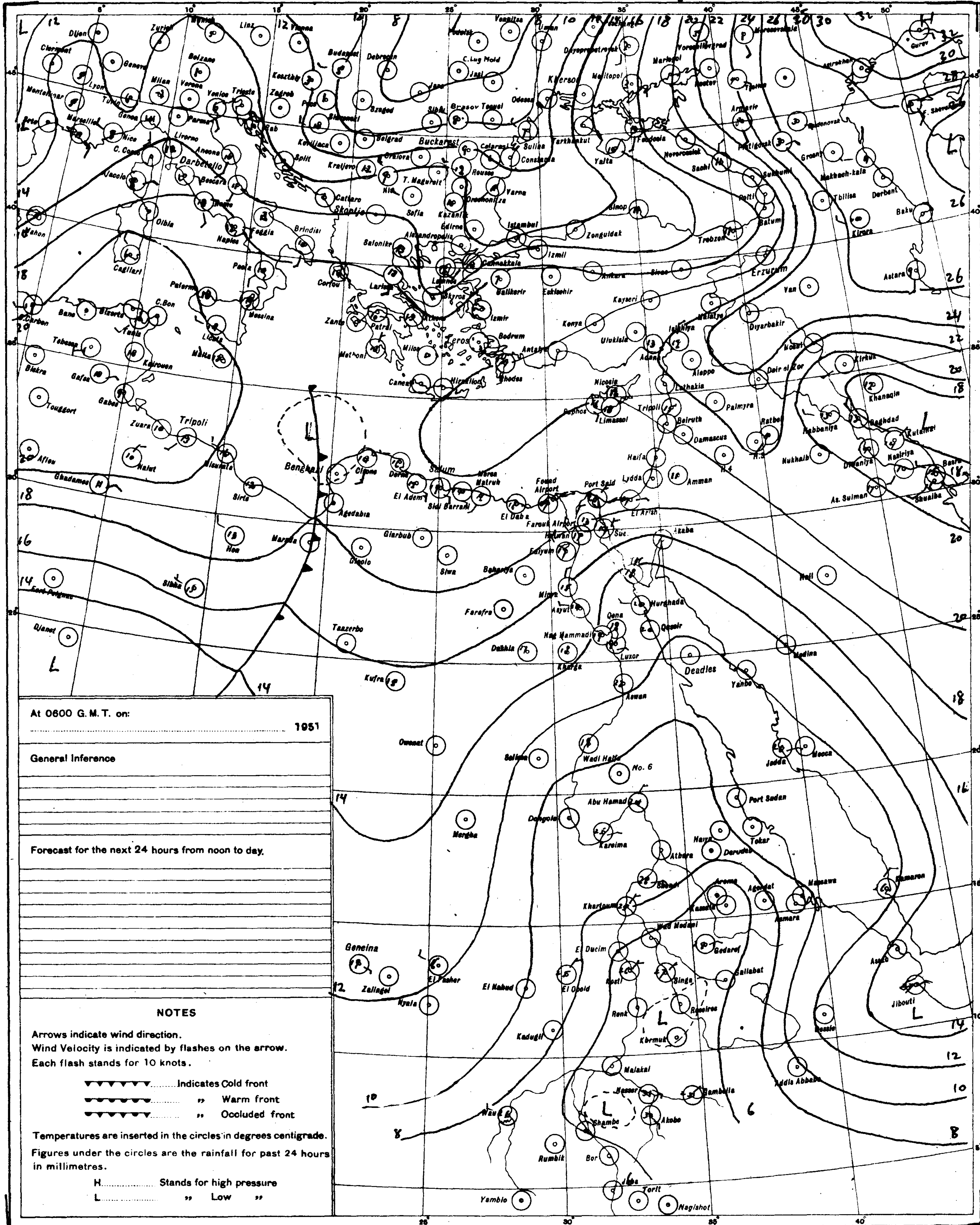
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 15-3* 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze (*vis less than 1000 m.*) 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 05 G. M. T.
" " Sunset 16 03 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Friday 16th March, 1951

LIBRARY MAY 24 1951 WEATHER BU...

At 1200 on Thursday 15th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
62300	SALÛM											
303	SÎDI BARÂNI	40	8	18	02	0	0	—	18.3	19	73	14
306	MATRÛH	80	10	30	00	0	0	—	18.4	21	65	14
309	EL DAB'A	40	7	35	00	0	0	—	17.3	20	64	13
	ALEXANDRIA	40	16	50	00	0	0	—	17.6	19	83	16
318	FOUAD (Airport)	30	15	18	02	0	0	—	17.5	21	61	13
333	DAMIETTA	360	5	35	01	0	0	—	16.8	20	64	13
330	PORT SA'ÎD	40	12	18	02	0	1	ac	15.9	21	74	16
336	EL 'ARISH	360	5	15	01	2	3	cc	14.4	21	69	15
339	DAMANHÛR	90	13	15	02	1	2	ci	17.8	24	47	12
342	MANȘURA	40	9	35	00	1	0	—	17.5	26	42	12
348	TANTA	40	8	35	01	1	3	cu, sc	17.0	27	37	11
354	ZAGAZIG	320	3	35	02	1	0	—	15.9	27	33	9
440	ISMÂILIA	360	9	35	01	0	0	—	15.8	26	30	7
366	FAROUK (Airport)	50	18	30	02	0	1	ci	15.2	26	32	8
372	ALMÂZA	50	15	30	00	0	0	—	14.4	26	28	6
	EZBEKÎYA	360	14	18	00	0	0	—	14.6	26	27	5
	GÎZA	360	14	18	00	0	0	—	15.0	27	27	6
378	HELWÂN	20	25	35	01	0	1	ci	13.9	27	15	-2
381	FAIYÛM	360	8	35	01	0	0	—	14.6?	27	27	6
387	MINYA	360	11	10	02	1	1	ci	12.0	28	27	7
393	ASYÛT MANQABÂD	310	4	30	01	1	1	ci	10.7	28	18	1
399	NAG' HAMMÂDI	00	0	35	01	0	3	ac	10.7	30	25	8
402	QENA	270	1	50	03	1	4	ci	9.9	34	22	9
405	LUXOR	290	3	30	01	0	1	cc	9.6	32	28	11
414	ASWÂN	350	4	50	00	0	0	—	8.5	34	15	4
417	SÎWA											
420	BAHARÎYA	360	3	35	02	1	0	—	14.7	28	22	4
423	FARAFRA	90	6	35	01	1	0	—	14.0	28	52	17
432	DAKHLA	340	7	50	00	0	0	—	14.0	34	32	15
435	KHARGA	360	4	15	00	0	0	—	10.8	31	9	-6
450	SUEZ	40	9	50	02	0	2	cu, ac	12.6	27	15	-2
459	TÔR	310	2	50	00	0	0	—	11.8	24	54	14
462	HURGHADA	350	8	30	03	1	7	cs	11.0	23	65	16
465	QUSEIR	20	13	15	01	1	2	ci	11.1	25	48	13
641	PORT SÛDÂN	50	12	30	01	2	5	ac	7.1	27	62	19
600	WÂDI HALFA	20	13	50	02	0	0	—	7.5	34	9	-4
640	ABU HAMAD			30	02	0	0	—		36	13	4
660	KAREIMA	20	6	30	02	2	0	—	4.5	36	18	8
680	'ATBARA	340	9	30	02	0	1	ci	2.8	35	20	9
721	KHARTÛM	330	14	30	03	0	1	ci	2.7	37	5	-8
730	KASSALA	310	6	30	03	0	2	cu	999.5	40	19	12
751	WÂD MEDANI	310	9	35	02	0	2	ci	1.5	37	17	8
801	RENK											
802	ROSEIRES	230	13	35	02	0	0	—	0.6	40	14	8
771	EL OBEID	50	8	30	02	1	5	ci				1
760	EL FÂSHER	70	7	30			6	cs		35	7	-6
770	GENEINA	50	16	30	01	1	3	ci		36	3	-15
840	MALAKÂL	70	5	30	02	2	8	cs	1.9	39		
880	WÂU											
941	JUBA				02							

At 1800 on Thursday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms
SALÛM	00	0	15	00	0	0	—	17.4	17	88	15	0
SÎDI BARÂNI	110	6	14	02	0	0	—	17.7	16	88	14	0
MATRÛH	110	1	30	00	0	0	—	17.1	14	88	12	0
EL DAB'A	90	12	7	00	0	0	—	17.2	16			0
ALEXANDRIA	40	11	35	00	0	0	—	17.6	17	77	13	0
FOUAD (Airport)	360	6	14	02	0	0	—	18.0	16	95	16	0
DAMIETTA	360	5	7	02	0	0	—	17.2	17	88	15	0
PORT SA'ÎD	30	16	14	02	0	0	—	15.5	18	88	16	0
EL 'ARISH	20	5	35	02	0	0	—	16.4	17	77	13	0
DAMANHÛR	90	9	7	02	1	3	ci	17.8	16	68	10	0
MANȘURA	40	5		00	0	0	—	17.2	16	77	12	0
TANTA	00	0	35	02	0	0	—	17.5	15	77	11	0
ZAGAZIG	40	2	35	02	0	0	—	16.4	17	77	13	0
ISMÂILIA												
FAROUK (Airport)	70	10	12	00	0	0	—	16.7	18	73	13	0
ALMÂZA	70	15	12	00	0	0	—	16.1	19	64	12	0
EZBEKÎYA	360	10	12	00	0	0	—	16.3	18	60	10	0
GÎZA	360	10	12	00	0	0	—	16.4	19	52	9	0
HELWÂN	360	18	15	01	0	0	—	15.4	19	52	9	0
FAIYÛM	360	5	35	02	0	0	—	14.1	20	41	6	0
MINYA	10	14	8	00	0	0	—	12.5	20	44	6	0
ASYÛT MANQABÂD	300	5	10	00	0	0	—	11.2	21	44	8	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	10.2	20	56	11	0
QENA	320	2	7	02	1	4	ci	11.1	24	26	3	0
LUXOR	00	0	12	00	0	0	—	9.3	22	44	9	0
ASWÂN	350	5	50	00	0	0	—	9.1	27	33	9	0
SÎWA												
BAHARÎYA	360	4	15	02	0	0	—	15.0	23	32	5	0
FARAFRA	360	3	15	02	0	0	—	14.3	22?	50?	11	0
DAKHLA	00	0	50	00	0	0	—	13.8	29?	29?	9	0
KHARGA	360	2	15	00	0	0	—	12.3	24	15	-5	0
SUEZ	310	7	15	01	0	0	—	18.0	18	73	13	0
TÔR	310	2		00	0	0	—	12.0	19	68	13	0
HURGHADA	250	5	10	02	1	3	cc	10.1	20	64	13	0
QUSEIR	360	5	15	02	1	2	ci	10.6	22	74	17	0
PORT SÛDÂN												
WÂDI HALFA	340	10	50	02	0	0	—	8.2	27	13	-4	0
ABU HAMAD	360	2	20	02	0	0	—		29	19	3	0
KAREIMA	340	9	2	10	0	4	ac	5.5	29	13	-2	0
'ATBARA	360	5	30	02	0	0	—	4.2	30	21	5	0
KHARTÛM	330	4	30	02	0	0	—	3.8	31	16	2	0
KASSALA	00	0	30	02	0	0	—	2.3	30	35	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	80	7	30	01	1	1	ci		27	11	-6	0
GENEINA	10	6	30	01	1	1	—		30	9	-7	0
MALAKÂL			30	02	0	3	ac, ci	2.5	33	34	15	0
WÂU												
JUBA	00	0	30	01	9	6	ac, cs	.			15	0.2

At 0600 on Friday 16th March,

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
210	2	15	00	0	0	—	16.7					14?			-1	0	84		SALUM
290	6	18	02	0	0	—	16.6		13	20		9		44	1	0	98		SÎDI BARÂNI
320	3	15	00	0	0	—	16.8		14	23	+3	7		36	-1	0	Rain		MATRÛH
00	0	15	00	0	0	—			15	21		8		77	11	0	49		EL DAB'A
40	3	50	00	0	0	—	17.2	+1.3	18	22	+1	16	+3	83	15	0	55	176	ALEXANDRIA
360	5	18	02	0	0	—	17.0		18	23		12		77	14	0	54	135	FOUAD (Airport)
20	2	7	03	1	2	cu	16.8	+1.0	18	21	+1	15	+4	83	15	0	Rain	96	DAMIETTA
50	4	14	01	0	1	sc	15.6	+0.6	19	22		17		83	16	0	17		PORT SA'ÎD
320	2	35	03	0	1	cu	14.8	-1.5	22	23	+2	12	+2	73	15	0	Rain	79	EL 'ARISH
90	5	1.5	28	4	0	—	17.2	+1.0	16	25	+2	12	+2	88	14	0	29	89	DAMANHÛR
40	5	35	03	2	4	ac	17.2	+1.2	15	27	+4	10	0	77	11	0	29	45	MANȘÛRA
70	9	35	01	1	3	cu sc	17.8	+1.1	15	27	+3	7	-2	88	13	0	22	34	TANTA
40	1	0.?	47	4	0	—	16.6	+0.4	13	28	+4	9	0	88	11	0	16	23	ZAGAZIG
340	2	1.5	10	2	8	ac	16.6		14			13		88	12	0	17		ISMÂILÎA
40	7	8	05	2	5	sc	17.1		13	27		12		95	13	0	6		FAROUK (Airport)
70	4	8	03	1	0	—	16.7	+0.4	13	26		11		95	13	0	11		ALMÂZA
360	8	12	02	1	4	cu	17.0	+0.7	14	27	+2	12	+1	72	9	0	8	21	EZBEKÎYA
360	8	12	02	1	4	cu	16.7	+0.1	14	27	+3	14	+6	95	14	0	10	20	GÎZA
00	0	7	00	0	0	—	15.0	-1.3	16	27	+3	14	+3	59	8	0	11	22	HELWÂN
360	8	35	02	0	0	—	16.1	-0.3	16	28	+3	12	+2	77	12	0	4	7	FAIYÛM
360	13	8	00	0	0	—	15.4	-1.2	16	29	+5	11		68	10	0	dr.		MINYA
280	6	8	10	0	0	—	14.5	-1.7	15	30		11		72	10	0	dr.		ASYÛT MANQABÂD
20	2	15	00	0	0	—	12.4	-3.2	19	32	+5	12	+3	52	9	0	0.1		NAG' HAMMÂDI
270	2	15	00	0	0	—	11.6	-3.3	18	35	+4	13	+1	46	6	0	0		QENA
140	4	30	00	0	0	—	10.6	-4.8	20	34		10		35	4	0	0		LUXOR
350	5	50	00	0	0	—	10.8	-4.1	21	35?	+4	17	+2	41	7	0	0		ASWÂN
																		7	SÎWA
360	3	35	02	0	0	—	16.8	0.0	16	29	+4	11	+2	49	5	0	0	7	BAHARÎYA
360	2	35	02	0	0	—	16.6		16	30		11		59	8	0	dr.		FARAFRA
00	0	50	00	0	0	—	15.6	-0.8	18	34	+6	15	+5	60	10	0	0		DAKHLA
360	4	15	00	0	0	—	12.8	-3.0	19	32	+3	16	+5	37	4	0	0		KHARGA
330	7	35	00	0	0	—	15.1	-0.9	14	27	+5	13	+1	77	10	0	0.3	14	SUEZ
350	2	15	00	0	0	—	11.3	-3.3	22	26	+2	14	+1	44	9	0	4	12	TÔR
270	9	30	00	0	0	—	10.1	-4.6	21	24		14		33	4	0	0		HURGHADA
360	13	15	02	0	0	—	10.2	-4.0	22	27	+2	19	+2	29	3	0	dr.	4	QUSEIR
																		94	PORT SÛDÂN
330	4	50	03	0	1	ci	11.3		19	35		15				0	dr.		WÂDI HALFA
360	10	30	02	0	0	—			26	37		20		11	-7	0			ABU HAMAD
20	3	30	02	0	0	—	9.5		24	37		21		18	-2	0	dr.	1	KAREIMA
										37								2	'ATBARA
20	10	30	03	0	5	ac, ci	8.6		25	38		21		15	-4	0	dr.	4	KHARTÛM
180	1	18	11	1	4	ac	6.5		27	41		21		55	17	0	3	8	KASSALA
50	9	50	02	2	8	ac	7.5		27	39		19		13	-4	0	46	12	WÂD MEDANI
																		49	RENK
																		38	ROSEIRES
360	9	30	03	1	5	ac	9.0		24	37		21		13	-7	0	6	16	EL OBEID
340	4	30	01	0	1	ci			17	36		13		16	-9	0	6	6	EL FÂSHER
80	5	30	01	0	1	ci			18	37		13		22	-4	0		4	GENEINA
140	8	30	02	6	8	ac	7.1		28	40		25		55	18	0.2	70	90	MALAKÂL
																		159	WÂU
180	9	35	03	2	8	ac, cs	7.3		29	38		25		49	17	0.2	199	176	JUBA

HUMIDITY % Mean of day

STATION	on 15th	Diff. from normal
Alexandria	75	+10
Ezbekiya	59	-1
Gîza	67	+4
Helwân	40	-6

GÎZA
GRASS MINIMUM TEMP
ON 16th 9.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 15th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	123	24	26	50	21
950					
900					
850	1512	12	19	40	20
800					
700	3103	2	35	10	22
600					
500	5715	-18	—	320	21
400	7342	-30	—	360	31
300	9332	-44	—	360	52

AIRPORT On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Station	Port Said		Farouk		Dakhla		El Arish		Asyut		Minya		Matruh		Kharga		Hurghada		S. Barani		Fouad A.P.		Minya		Port Said	
Time	14		15		14		13	45	14		14		14		14		14		14		20	15	20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	14	40	28	360	18	190	15	320	18	350	23	80	9	10	11	40	9	80	12	20	16	20	31	60	19
600	70	16	40	19	360	19	20	16	340	18	360	21	60	11	20	14	30	4	60	9	30	23	30	40	40	16
1000	80	14	40	17	360	19	20	15	340	18	20	20	70	17	30	15	320	4	50	7	30	23			70	17
1500	80	16	40	20	365		90	7	10	13	40	8			360	12	260	7	100	5	360	18			80	16
2000	80	4					40	10	30	18					366	13	290	12	40	5	30	14			80	25
3000			10	22					340	13							290	10	360	9	40	18				
4000									320	16									310	11	50	23				
5000			330	12					340	20																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
Time	8		8		8		2						2		8		8				8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	15	220	9	50	7	100	9					20	20	300	13	330	4			330	27	40	9
600	290	12	30	11	40	9	60	12					40	24	360	30	320	4			330	17	40	9
1000	300	9	20	10	30	9	50	14					30	28	20	32	320	10			310	7	50	14
1500	320	15			360	11	60	19					40	26	20	34	350	8			10	9	50	10
2000	320	10			360	14	40	29							10	30	360	8			350	10		
3000					350	19									10	23					310	9		
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time			8		8		8										4						4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			40	13	300	6	360	18																
600			50	16	300	4	360	25																
1000			60	25			360	32									350	12					230	3
1500			50	23			20	22									350	16					210	7
2000							10	16																
3000																	240	15					220	4
4000																	230	13						
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

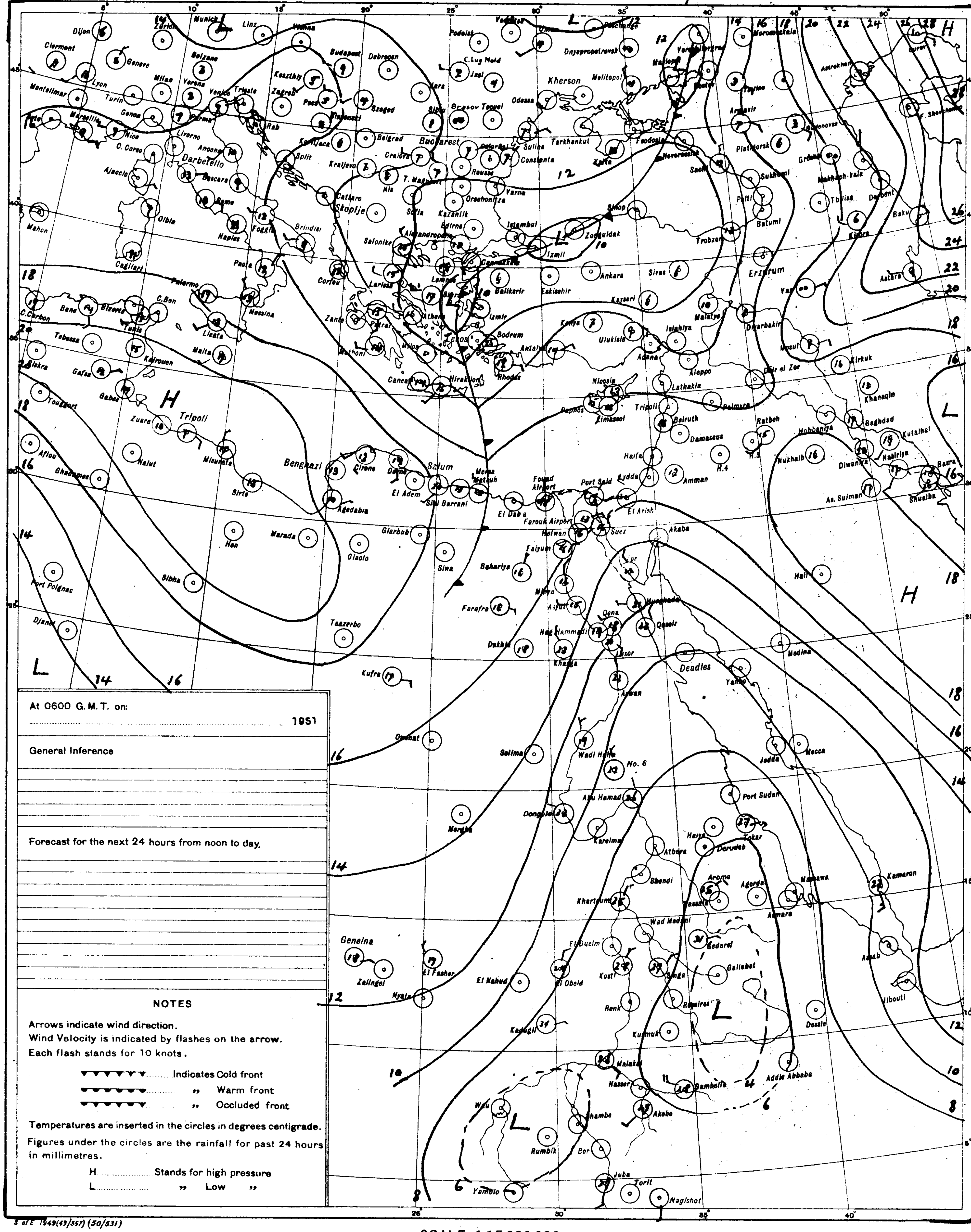
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 16-3 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front

●●●●●●● .... ,, Warm front

▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure

L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code	Symbol
Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code	Symbol
Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 04 G. M. T.
" " Sunset 16 04 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Saturday 17th March, 1951

At 1200 on Friday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI	310	7	18	02	0	0	—	15.4	22	23	0
	306	MATRÛH	20	6	30	00	0	0	—	16.4	22	33	5
	309	EL DABʻA	360	4	35	00	0	0	—		20		
		ALEXANDRIA	360	11	50	00	0	0	—	16.2	20	46	8
	318	FOUAD (Airport)	330	6	18	02	0	0	—	15.5	22	[illegible]	[illegible]
	330	DAMIETTA	340	2	35	01	0	0	—	16.2	20	73	15
	333	PORT SAʻÎD	10	8	30	02	0	0	—		20	78	16
	336	EL ʻARÎSH	320	9	35	03	0	2	Cu	16.7	20	73	15
Lower Egypt	339	DAMANHÛR	90	9	15	02	0	0	—	16.1	23	44	10
	342	MANṢÛRA	320	5	35	00	1	0	—	15.2	27	33	9
	348	ṬANṬA	270	8	35	01	1	4	Cu	15.8	27	37	11
	354	ZAGAZIG	40	3	50	02	0	0	—	14.6	26	48	14
	440	ISMAʻÎLÎA	20	5	35	01	0	0	—	14.8	26	37	10
Cairo Area	366	FAROUK (Airport)	40	10	18	00	0	0	—	14.7	26	42	12
	372	ALMÂZA	30	10	30	00	0	0	—	14.2	25	42	11
		EZBEKÎYA	320	8	18	00	0	0	—	14.4	25	36	9
		GÎZA	320	8	18	00	0	0	—	14.7	25	34	8
	378	HELWÂN	360	12	35	02	0	0	—	13.5	26	30	7
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	13.4	28	33	10
	387	MINYA	360	15	10	00	0	0	—	12.4	28	25	6
	393	ASYÛṬ MANQABÂD	360	15	14	00	0	0	—	10.6	30	17	2
	399	NAGʻ ḤAMMÂDI	270	4	35	00	0	0	—	8.6	30	25	8
	402	QENA	290	2	50	00	0	0	—	8.9	33	16	4
	405	LUXOR	340	11	30	00	0	0	—	8.2	30	29	10
	414	ASWÂN	00	0	50	00	0	0	—	5.1	32	26	10
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	15.0	28	27	7
	423	FARAFRA	40	3	35	02	0	0	—	15.2	29	52	18
	432	DAKHLA	360	10	50	00	0	0	—	12.4	29	59	20
	435	KHARGA	360	11	7	00	0	0	—	11.1	30	11	-4
Red Sea	450	SUEZ	360	8	50	02	0	0	—	12.8	26	25	4
	459	ṬÔR	310	19	15	07	0	0	—	8.0	25	70	19
	462	HURGHADA	330	11	30	00	0	0	—	8.5	24	54	14
	465	QUSEIR	360	13	15	02	0	0	—	9.9	26	42	12
	641	PORT SÛDÂN	50	15	10	02	1	1	St	5.7	28	70	22
North Sûdân	600	WÂDI HALFA	340	15	50	03	1	6	Cs	8.5	31	8	-8
	640	ABU ḤAMAD	360	17	8	07	0	0	—		35	7	-7
	660	KAREIMA	360	15	30	02	0	0	—	5.3	36	7	-2
	680	ʻATBARA	340	13	10	07	0	0	—	3.8	35	7	-7
	721	KHARTÛM	40	13	30	02	1	1	Ci	4.1	37		
	730	KASSALA	300	3	30	03	1	4	Ac, Ci	2.2	39	18	11
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	230	13	35	02	1	7	Ac	4.2	40	11	4
	771	EL OBEIḌ	10	9	30	02	2	7	Ac	3.6	36	5	-11
	760	EL FÂSHER	60	5	18	31	3	4	Ci		35	7	-6
	770	GENEINA	80	6	30	02	0	2	Cs		37	5	-8
S. Sûdân	840	MALAKÂL											
	880	WÂU	250	7	35	03	2	8	Cu, Cs	3.5	37	20	11
	941	JUBA	310	14	30	15	6	8	Cb, Ac	2.9	35	35	17

At 1800 on Friday 16th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALÛM	00	0	15	00	0	0	—	18.6	20	46	8	0
SÎDI BARÂNI	140	2	15	02	0	2	Ac, Ci	14.6	16	64	9	0
MATRÛH												
EL DABʻA	00	0	7	00	0	0	—	16.3	14	67	8	0
ALEXANDRIA												
FOUAD (Airport)	360	2	12	02	0	0	—	15.5	16	77	12	0
DAMIETTA	320	[illegible]	7	00	0	0	—	15.5	17	77	13	0
PORT SAʻÎD	10	8	15	02	0	0	—	14.5	18	78	14	0
EL ʻARÎSH	320	2	15	02	0	2	Cu	15.1	18	73	13	0
DAMANHÛR	40	9	15	02	0	0	—	16.0	17	52	7	0
MANṢÛRA	360	5		00	0	0	—	15.4	18	60	10	0
ṬANṬA	00	0	35	02	1	0	—	15.8	16	59	8	0
ZAGAZIG	40	2	35	02	0	0	—	15.1	17	68	11	0
ISMAʻÎLÎA	360	5	35	02	0	0	—	15.9	18	73	13	0
FAROUK (Airport)	40	11	12	00	0	0	—	15.8	20	56	11	0
ALMÂZA	50	8	12	00	0	0	—	14.8	20	46	8	0
EZBEKÎYA	40	8	12	00	0	0	—	15.0	19	52	9	0
GÎZA	40	8	12	00	0	0	—	14.8	21	41	7	0
HELWÂN	360	11	15	02	0	0	—	15.1	21	33	4	0
FAIYÛM												
MINYA	360	7	8	00	0	0	—	13.7	17	52	7	0
ASYÛṬ MANQABÂD	300	9	10	00	0	0	—	12.8	20	46	7	0
NAGʻ ḤAMMÂDI	00	0	15	00	0	0	—	9.5	24	26	3	0
QENA	320	2	7	00	0	0	—	9.1	23	32	5	0
LUXOR	340	6	12	00	0	0	—	8.1	25	34	8	0
ASWÂN	350	4	50	00	0	0	—	9.1	27	33	9	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	15.0	22	29	3	0
FARAFRA	360	2	15	02	0	0	—	15.2	20	64	13	0
DAKHLA	340	4	50	00	0	0	—	13.0	24	61	16	0
KHARGA	360	2	15	00	0	0	—	12.0	24	15	-5	0
SUEZ												
ṬÔR	310	24	7	02	0	0	—	9.1	26	42	12	0
HURGHADA	290	21	10	00	0	0	—	9.4	24	38	9	0
QUSEIR	20	9	15	02	0	0	—	9.9	22	65	15	0
PORT SÛDÂN	340	7	10	03	1	3	Cu	9.0	26	74	22	0
WÂDI HALFA	210	14	50	02	1	5	Cc	5.4	26	13	-5	0
ABU ḤAMAD	300	8	30	02	0	0	—		28			0
KAREIMA	340	7	30	02	0	0	—	7.7	27	13	-4	0
ʻATBARA	360	5	30	03	1	3		6.1	27	13	-4	0
KHARTÛM	350	5	30	01	0	1		6.2	30	9	-6	0
KASSALA	360	2	30	03	1	7	Ac	3.8	31			dr.
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEIḌ	00	0	30	01	2	5	Ac	5.7	28	12	-4	0
EL FÂSHER	60	7	30	03	1	6	Ci		29	12	-3	0
GENEINA												
MALAKÂL	120	9	30	02	8	8		5.3	28	58	18	dr.
WÂU												
JUBA	360	5	30	01	2	8	Ci	5.8	27	70	21	2

At 0600 on Saturday 17th March

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	270		15	03	2	6	Sc	14.0	-2.2	17	25	+4	14	+3	77	13	0	84	
SÎDI BARÂNI	290	6	15	03	1	7	Ac	14.1		16	22		13		88	14	0	98	
MATRÛH	310	4	15	02	2	7	Sc, Ac	14.3	-2.2	16			10		77	12	0	Rain	
EL DABʻA	290	5	15	02	2	2	Cu	14.2		17	24		9		60	9	0	49	
ALEXANDRIA	00	0	50	03	1	6	Cu, Cs	13.5	-2.4	17			13	0	52	7	0	55	176
FOUAD (Airport)	220	5	12	03	1	3	Ac, Ci	13.3		17	24		10		52	7	0	54	135
DAMIETTA	180	2	7	11	1	1	Ac	14.0	-1.8	17	21	+1	10	-1	77	13	0	Rain	97
PORT SAʻÎD	190	2	0.7	43	4	9		12.9	-2.1	15	21		14		94	14	0	17	
EL ʻARÎSH	140	5	15	10	2	7	Cu	12.1	-4.1	16	21	0	10	0	88	14	0	Rain	79
DAMANHÛR	230	9	7	02	1	1	Ci	14.4	-1.8	14	24	+1	9	-1	67	8	0	29	89
MANṢÛRA	90	5	35	00	0	0	—	13.6	-2.6	14	28	+5	9	-1	77	10	0	29	45
ṬANṬA	00	0	35	02	0	0	—	13.8	-2.8	15	27	+3	7	-2	68	9	0	22	34
ZAGAZIG	140	1	35	02	0	0	—	13.1	-3.1	15	28	+4	9	0	88	13	0	16	23
ISMAʻÎLÎA	360	2	0.8	42	4	8	Ac	13.9		13	27		11		88	11	0	17	
FAROUK (Airport)	90	4	18	02	1	1	Cs	13.7		19	26		11		37	4	0	6	
ALMÂZA	140	5	12	05	1	2	Ci	13.2	-3.1	19	26	+5	12		52	9	0	11	
EZBEKÎYA	270	6	12	00	0	0	—	13.4	-2.9	16	26	+1	12	+1	68	10	0	8	21
GÎZA	270	6	12	00	0	0	—	13.4	-3.1	14	26	+2	7	-1	77	10	0	10	20
HELWÂN	00	0	7	00	0	1	Ci	13.4	-2.8	17	27	+3	12	+1	34	1	0	11	22
FAIYÛM	360	4	35	03	1	3	Ci	13.7	-2.6	16			9	-1	59	8	0	4	7
MINYA	340	2	8	03	1	2	Ci	13.1	-3.4	15	29		7		68	9	0	dr.	
ASYÛṬ MANQABÂD	330	6	8	10	0	1	Ac	13.0	-3.1	16	31		12		59	8	0	dr.	
NAGʻ ḤAMMÂDI	00	0	15	00	0	0	—	12.3	-3.2	19	31	+4	11	+2	52	9	0	0.1	
QENA	290	2	15	00	0	0	—	11.6	-3.2	20	34	+3	14	+2	33	3	0	0	
LUXOR											33								
ASWÂN	350	6	50	00	0	0	—	11.9	-2.9	21	33	+2	17	+2	25	0	0	0	
SÎWA																			7
BAHARÎYA	00	0	35	02	1	3	Ac	14.6	-2.2	18	29	+4	10	+1	46	6	0	0	7
FARAFRA	220	2	35	02	2	7	Ac	15.5		14	30		10		48	3	0	dr.	
DAKHLA	00	0	35	00	0	0	—	14.4	-1.9	15	30	+2	13	+3	59	7	0	0	
KHARGA	260	1	15	00	0	0	—	12.8	-2.9	20	30	+1	16	+5	46	8	0	0	
SUEZ	360	3	7	10	4	6	Cu	13.3	-2.7	15			9		88	13	0	0.3	14
ṬÔR	360	2	35	02	0	0	—	10.2	-4.4	21	29	+5	14	+1	50	10	0	4	12
HURGHADA	280	5	30	00	0	0	—	10.0	-4.6	21	24?		14		33	4	0	0	
QUSEIR	330	9	15	02	0	0	—	10.3	-3.9	22	27	+2	20	+3	36	6	0	dr.	4
PORT SÛDÂN	20	3	30	01	2	5	Ci	8.5		25	29		20		70	19	0	154	94
WÂDI HALFA	00	0	50	02	0	1	Cs	11.5		19	33		14		32	2	0	dr.	
ABU ḤAMAD											36								
KAREIMA											37								1
ʻATBARA	340	9	30	01	1	5	Ac, Cs	8.7		24	36		19		14	-6	0	0.3	2
KHARTÛM	340	4	30	03	0	6	Ac, Ci	9.6		23	38		18		20	-1	0	dr.	4
KASSALA	210	1	30	03	1	5	Ac	8.7		24	39		18		36	8	dr.	3	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEIḌ	60	9	30	02	1	7	Ac	9.8		24	37		18		10	-10	0	6	16
EL FÂSHER	00	0	30	03	1	7	Ac			21	37		17		18	-4	0	6	6
GENEINA	70	5	30	01		3	Ac, Ci			19	38		15		17	-7	0		4
MALAKÂL	360	4	30	03	2	7	Ac	5.3		25	:		21		61	17	dr.	70	91
WÂU																			160
JUBA	180	2	30	03	2	8	Sc, As, Cs	8.4		26	33		22		74	21	2	201	177

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	79	+14
Ezbekiya	56	-4
Giza	66	+3
Helwân	42	-4

GÎZA
GRASS MINIMUM TEMP. ON 17th 3.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 16 At 1500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	123	24	34	360	12
950					
900					
850	1511	10	47	20	23
800					
700	3092	-1		360	22
600					
500	5690	-18		340	7
400	7317	-31		350	22
300	9251	-56		320	21

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 16th

Station	P.Said		Arish		Minya		Dakhla		Kharga		Fouad AP		Hurghada		S.Barani				Fouad AP				P.Said		Minya	
Time	14		13 30		14		14		14		14		14		14				20				20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	12	210	13	350	22	260	39	360	24	340	11	340	19	340	16			340	4			360	6	20	30
600	40	9	350	10	350	36	260		10	32	340	10	350	12	330	11			320	6			50	9	10	31
1000	30	6	360	12	360	29			20	28	330	14	340	6	280	17			320	13			360	3	10	20
1500	20	6	10	15	20	25					300	17	350	9	280	23			300	12			40	5	10	23
2000	340	19	360	20							300	16	350	13	290	19			310	6			40	5	20	26
3000			360	13																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyûṭ Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time					2		2						2										3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					210	7	220	7					10	23									60	10
600					210	9	80	7					10	19									20	12
1000					210	7	60	4					10	16									10	12
1500							20	3					360	23									20	6
2000													360	16										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4				4		4						5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									10	11														
600									30	30			10	15	30	14							70	10
1000									30	29			20	21	10	31					50	17	30	12
1500									10	18			30	13	350	20					60	11	80	10
2000																					120	4		
3000									340	16			310	13	260	15					180	1	50	10
4000																							260	9
5000									310	20														
6000													270	25										
7000																								
8000																								

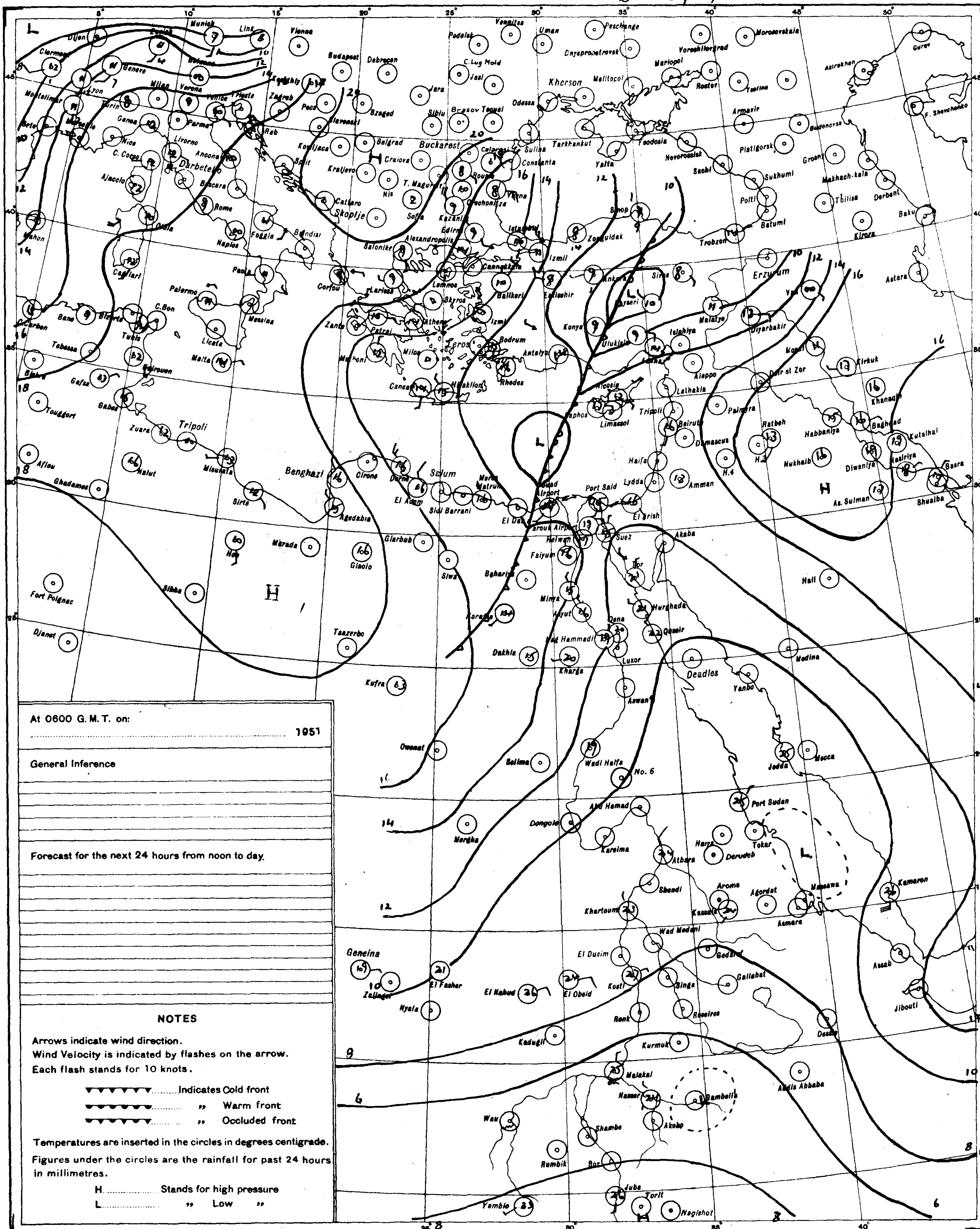
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 17-3-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ......Indicates Cold front
●●●●●●● ...... ,, Warm front
▼●▼●▼●▼ ...... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during the past hour	91
Hail		93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(v/s less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 03 G.M.T.
" " Sunset 16 05 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 18th March, 1951

At 1200 on Saturday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	20	13	35	01	2	4	Sc, Cu	13.4	18	73	13
	308	SĪDI BARĀNI	340	12	18	01	2	3	Cu	13.3	18	78	14
	306	MATRŪH	10	10	14	03	2	8	Sc, Ac	12.8	19	73	14
	309	EL DABA	340	5	35	02	2	4	Cu	12.0	21	65	14
		ALEXANDRIA	40	11	50	02	2	7	Sc, Ac	13.0	19	73	14
	318	FOUAD (Airport)	360	12	18	02	2	7	Sc, Ac, Cb	12.6	21	74	16
	330	DAMIETTA	340	5	35	03	1	7	Ac	12.8	21	41	7
	333	PORT SA'ID	40	5	30	03	2	7	Cs	10.8	21	57	12
	336	EL 'ARISH	360	6	15	03	1	4	Cs		20	78	16
Nile Delta	339	DAMANHUR	230	5	15	02	1	3	Ci	13.3	23	44	10
	342	MANSURA	320	5	35	03	2	6	Ac	12.4	26	37	10
	348	TANTA	00	0	35	03	2	8	Ac	12.5	25	34	8
	354	ZAGAZIG	40	2	50	03	1	4	Ci	12.0	27	33	9
	440	ISMA'ILIA	40	2	35	03	2	8	Ac	11.6	27	27	6
Cairo	366	FAROUK (Airport)	340	9	18	03	2	8	Sc, Ac	12.0	26	37	10
	372	ALMAZA	10	9	50	02	2	6	Cs	11.6	25	22	2
		EZBEKIYA	360	4	18	02	1	7	Cu, Ac, Ci	11.5	26	21	2
		GIZA	360	4	18	02	1	7	Cu, Ac, Ci	12.0	26	25	4
	378	HELWAN	290	11	15	02	2	8	Cc	11.0	26	18	0
Upper Egypt	381	FAIYUM	360	5	15	03	1	4	Ci	11.4	27	20	2
	387	MINYA	360	6	10	02	1	5	Ac, Ci	10.9	28	18	1
	393	ASYUT MANQABAD	310	12	30	03	1	3	Ci	9.9	29	29	9
	399	NAG' HAMMADI	360	2	35	01	0	3	Ac	9.4	29	29	9
	402	QENA	290	2	50	00	0	0	—	8.3	31	17	3
	405	LUXOR	270	3	30	00	0	0	—	7.8	31	31	12
	414	ASWAN	260	4	50	00	0	0	—	7.8	30	11	-4
Oases	417	SIWA											
	420	BAHARIYA	270	2	35	03	2	7	Ac	12.2	30	21	5
	423	FARAFRA	370	5	35	01	2	3	Ac	12.4	29	46	16
	432	DAKHLA	360	3	50	00	0	2	Ci	12.3	28	58	19
	435	KHARGA	360	4	35	03	1	4	Cu	10.0	30	11	-4
Red Sea	450	SUEZ	360	4	50	01	0	5	Sc	10.3	28	12	-4
	459	TOR	00	0	35	00	0	0	—	7.2	26	55	16
	462	HURGHADA	350	10	30	03	2	4	Ci	7.9	24	61	16
	465	QUSEIR	360	13	15	02	0	0	—	8.3	25	42	11
	641	PORT SUDAN	60	14	30	01	1	5	Ac, Ci	6.7	29	55	19
North Sudan	600	WADI HALFA	360	10	50	01	0	0	—	8.5	31	8	-7
	640	ABU HAMAD	270	3	30	01	1	3	Cs		33	6	-9
	660	KAREIMA	340	10	30	01	1	3	Ci	7.0	32	9	-5
	680	'ATBARA	340	5	30	03	2	7	Cc	4.9	34	4	-13
	721	KHARTUM	320	11	30	02	0	2	Ac, Ci	5.5	35	9	-3
	780	KASSALA	300	5	30	03	1	6	Ac	2.7	37	11	1
Central Sudan	751	WAD MEDANI	310	9	35	02	2	1	Cu	4.4	36	9	-2
	801	RENK											
	802	ROSEIRES	230	12	35	02	1	3	Cu	4.8	36	22	11
	771	EL OBEID	80	5	30	02	1	1	Ac	5.0	34	5	-10
	760	EL FASHER	110	9	30	08	1	6	Cc		34	4	-16
	770	GENEINA	320	1	30	02	0	2	Ac, Ci		36	9	-2
S. Sudan	840	MALAKAL	130	8	30	03	1	6	Cu, Ac, Ci	2.8	37	20	11
	880	WAU	130	1	30	03	2	6	Cu	3.0	37	25	14
	941	JUBA	180	2	30	02	5	8	Cu, Ac, Ci	3.6	32	43	18

At 1800 on Saturday 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALŪM	320	5	15	00	0	1	Cu	14.6	16	68	10	0
SĪDI BARĀNI												
MATRŪH	10	10	15	25	8	7	Cu	13.7	16	64	9	2
EL DABA	360	4	7	03	2	8	St	12.4	17	77	13	0
ALEXANDRIA	40	15	35	02	2	8	St, Ac	12.2	17	77	13	0
FOUAD (Airport)	350	9	12	01	1	8	Sc	12.8	17	83	14	0
DAMIETTA												
PORT SA'ID	50	10	18	01	1	3	Ci	11.2	18	73	13	0
EL 'ARISH												
DAMANHUR	40	9	15	03	2	6	Ac	13.0	16	77	12	0
MANSURA	320	5		03	2	5	Ac	13.4	18	83	15	0
TANTA	00	0	35	03	2	8	Ac	12.7	19	73	14	0
ZAGAZIG	40	1	35	03	1	3	Ci	11.9	18	52	8	0
ISMA'ILIA	40	9	35	03	2	8	As	11.8	18	60	10	0
FAROUK (Airport)	40	12	12	01	2	4	Ac, Cs	12.1	20	60	12	0
ALMAZA	50	14	35	02	2	3	St, Ac	11.6	20	46	8	0
EZBEKIYA	40	14	12	02	1	6	Ac, Cs	11.4	19	52	9	0
GIZA	40	14	12	02	1	6	Ac, Cs	11.9	20	46	8	0
HELWAN	20	11	7	02	2	8	Cs	10.7	21	33	4	0
FAIYUM	00	0	35	03	2	6	Ci	10.6	22	44	9	0
MINYA	00	0	8	02	2	4	Ac, Ci	10.2	20	43	7	0
ASYUT MANQABAD	240	3	10	03	1	6	Ac, Ci	10.0	22	38	7	0
NAG' HAMMADI	00	0	7	01	1	6					6	0
QENA	1290	2	7	03	0	4	Cu	8.6	24	32	6	0
LUXOR	320	5	12	02	1	2	Cs	8.3	24	41	10	0
ASWAN	00	0	50	00	0	0	—	8.1	25	22	2	0
SIWA												
BAHARIYA	00	0	15	02	2	7	Ac	12.3	22	65	15	0
FARAFRA	320	3	15	01	2	1	Ac	12.4	21	50	10	0
DAKHLA	360	3	50	00	0	0	—	13.0	24	61	16	0
KHARGA	360	1	15	01	1	2	Cb	9.9	24	15	-5	0
SUEZ	360	5	35	01	0	0	—	11.2	21	57	12	0
TOR	00	0	7	00	0	0	—	8.4	22	50	11	0
HURGHADA	280	5	12	02	2	7	Cs	7.4	21	74	16	0
QUSEIR	330	9	15	02	0	0	—	9.3?	22	50	11	0
PORT SUDAN	340	7	30	03	0	4	Ci	8.4	25	70	19	0
WADI HALFA	310	3	30	02	1	3	Ci	6.8	25	16	-3	0
ABU HAMAD												
KAREIMA	340	5	30	01	1	2	Ci	9.3	25	13	-6	0
'ATBARA	340	5	30	03	2	6	Cs	6.4	28	8	-9	0
KHARTUM	340	10	30	02	1	7	Ac, Ci	7.5	30	29	10	0
KASSALA	320	3	30	01	2	3	Ac	6.8	24	22	1	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER	80	4	30	01	2	6	Ac, Cc		27	16	-1	0
GENEINA	20	6	30	02	0	0	—		30	11	-3	0
MALAKAL												
WAU												
JUBA	360	9	30	03	2	8	Ac, Ci	4.6	28	45	15	dr.

At 0600 on Sunday 18th March

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
SALUM	360	9	15	01	1	4	Cb	15.1	-1.0	18	20	-1	14	+3	60	10	0	84		SALUM
SIDI BARANI																				SIDI BARANI
MATRUH	40	9	15	02	2	6	Sc	14.3	-2.2	16	20		14		72	11	2	Rain		MATRUH
EL DABA	20	6	15	03	2	6	Sc	13.9		17	22		15		77	13	5	54		EL DABA
ALEXANDRIA	40	2	50	02	5	7	Cu, Ac	13.0	-2.8	16	21	0	15	+2	77	12	dr.	55	176	ALEXANDRIA
FOUAD (Airport)	40	5	12	03	6	7	Cu, Ac	12.8		16	21		14		88	14	0.2	55	135	FOUAD (Airport)
DAMIETTA	320	9	7	03	1	7	Ac	11.4	-4.3	18			15	+4	83	15	0	Rain	97	DAMIETTA
PORT SA'ID	10	14	15	01	2	7	Sc, Cs	10.6	-4.3	18	22		17		88	16	0	17		PORT SA'ID
EL 'ARISH																			80	EL 'ARISH
DAMANHUR	40	5		50	5	8	As	13.6	-2.5	15	24	+1	13	+3	88	13	dr.	29	89	DAMANHUR
MANSURA	40	5	35	03	2	7	Sc	12.3	-3.6	18	27	+4	16	+6	83	15	0	29	45	MANSURA
TANTA	00	0	35	03	6	8	As	12.2	-4.3	16	26	+2	13	+4	88	14	dr.	22	34	TANTA
ZAGAZIG	00	0	35	03	1	7	As	11.6	-4.5	16	28	+4	13	+4	95	16	0	16	23	ZAGAZIG
ISMA'ILIA	20	5	35	03	2	8	Ac	11.2		17	28		13		77	13	0	17		ISMA'ILIA
FAROUK (Airport)	290	9	8	05	2	8	Cb	12.4		16	28		14		94	15	0	6		FAROUK (Airport)
ALMAZA	290	6	10	02	2	8	St, Ac	12.0	-4.2	16	26		14		88	14	0	11		ALMAZA
EZBEKIYA	320	10	12	02	1	8	Ac, Cs	12.4	-3.8	17	27	+2	15	+4	88	15	0	8	21	EZBEKIYA
GIZA	320	10	12	02	1	8	Ac, Cs	12.3	-4.2	17	27	+3	14	+6	77	13	0	10	20	GIZA
HELWAN	320	12	3	50	5	8	Ns, As	11.9	-4.3	16	27	+3	15	+4	82	13	dr.	11	22	HELWAN
FAIYUM	360	6	35	53	6	8	As	12.6	-3.7	16	28	+2	11	+1	88	14	4	8	7	FAIYUM
MINYA	350	5	8	01	2	4	Ac	11.1	-5.3	16	29		12	+2	77	12	0	dr.		MINYA
ASYUT MANQABAD	290	3	8	10	0	3	Sc	12.0	-4.0	17	30		14		83	14	0	dr.		ASYUT MANQABAD
NAG' HAMMADI	00	0	15	00	0	0	—	10.6	-4.8	18	29	+2	10	+1	52	8	0	0.1		NAG' HAMMADI
QENA	320	2	15	00	0	0	—	9.6	-5.2	20	33	+2	15	+3	33	3	0	0		QENA
LUXOR	220	2	30	00	0	0	—	9.6	-5.6	22	33		14		36	6	0	0		LUXOR
ASWAN											31	0								ASWAN
SIWA																			7	SIWA
BAHARIYA	360	4	35	02	1	5	Ac	13.5	-3.2	16	31	+5	14		77	12	0	0	7	BAHARIYA
FARAFRA	320	1	35	02	1	2	Cu	14.0		17	33?		13		77	13	0	dr.		FARAFRA
DAKHLA	340	4	38	00	0	1	Ci	13.3	-2.9	20	29	0	13	+3	64	13	0	0		DAKHLA
KHARGA	00	0	15	03	1	3	Cb	11.6	-4.1	17	30	+1	12	0	34	1	0	0		KHARGA
SUEZ	360	6	50	00	0	6	St	10.3	-5.7	17	29	+5	14	+2	77	13	0	0.3	14	SUEZ
TOR	310	9	15	00	0	0	—	7.8	-6.7	21	27	+3	14	+1	83	18	0	4	12	TOR
HURGHADA	290	2	30	02	2	4	Ac	7.2	-7.3	23	34		17		36	7	0	0		HURGHADA
QUSEIR	180	13	15	00	0	2	Ci	8.8	-5.3	22	27	+2	18	+1	29	3	0	0	4	QUSEIR
PORT SUDAN	00	0	30	03	0	3		8.5		25	29		20		61	17	0	152	95	PORT SUDAN
WADI HALFA	00	0	50	02	0	0	—	12.1		17	32		12		22	-5	0	dr.		WADI HALFA
ABU HAMAD	360	8	30	03	1	3	Ci			17	34		14		19	-7	0			ABU HAMAD
KAREIMA	340	9	30	03	1	3	Cs	11.8		19	33		14		21	-4	0	dr.	1	KAREIMA
'ATBARA	310	9	30	02	2	8	Cs	9.9		24	35		19		11	-9	0	0.3	2	'ATBARA
KHARTUM	360	13	30	03	2	8				25	36		21		13	-6	0	dr.	4	KHARTUM
KASSALA	360	4	30	01	2	7	Ac, Ci	9.3		25	38		19		16	-3	0	3	8	KASSALA
WAD MEDANI																			12	WAD MEDANI
RENK	50	9	35	03	1	2	Ci			29	39		22				0		49	RENK
ROSEIRES																			38	ROSEIRES
EL OBEID	20	17	10	03	1	7	Ac	9.2		26	36		22		9	-10	0	6	16	EL OBEID
EL FASHER	160	5	30	01	1	5	Ac			20	36		16		35	4	0	6	6	EL FASHER
GENEINA	70	6	30	03	1	7	Ac, Cs			20	37				15	-8	0		4	GENEINA
MALAKAL	360	7	30	03	2	7	Ac	8.0		26	38		22		21	8	0	70	91	MALAKAL
WAU	230	3	30	02	2	8	Ac	8.1		27	39				62	19	0	144	161	WAU
JUBA	180	5	30	01	2	7	Ac	7.5		29	34		25		55	19	0	199	178	JUBA

HUMIDITY %

Station	Mean of day on 17th	Diff. from normal
Alexandria	65	0
Ezbeklya	55	-5
Giza	58	-5
Helwan	30	-16

GIZA
GRASS MINIMUM TEMP
ON 18th 13.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE

Farouk Airport On 17th At 1500 Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Airport On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Airport On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	24	28	330	9	1000						1000					
950						950						950					
900						900						900					
850	1484	11	82	280	8	850						850					
800						800						800					
700	3068	-2	45	280	3	700						700					
600						600						600					
500	5657	-21		210	12	500						500					
400	7258	-34		260	24	400						400					
300	9215	-48		260	29	300						300					

UPPER WIND OBSERVATIONS on 17th

Station			P Said		Minya		Asyut		Dakhla		Kharga		Hurghada		Farouk AB						Fouad AB		Farouk AB		Minya	
Time			14		14		14		14		14		14	15	15						20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			350	12	340	12	320	24	200		350	11	40	9	350	8					50	32	50	32	330	11
600			290	6	350	12	330	18	300		360	16	30	7	350	5					50	26	50	26	320	16
1000			240	7	340	19	330	16	290		20	13	300	3	330	4					50	13	50	13	300	21
1500			220	5	310	19	340	13			360	3	280	7	280	8					320	13	320	13	300	23
2000			330	9	330	16	330	11							290	5					290	13	290	13	300	19
3000			220	3			340	9							280	3									270	26
4000			180	9																						
5000															210	12										
6000															230	20										
7000																										
8000															260	29										

UPPER WIND OBSERVATIONS on 18th

Station	Sīdi Barāni		Matrūh		Fouad Airport		Port Sa'īd		El 'Arīsh		Helwān		Minya		Asyūt Manqabad		Luxor		Aswān		Hurghada		
Time					2		3						2				4 45						
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					20	18	350	10					350	31			270	2					
600					20	9	360	11					360	26			340	19					
1000					30	2	360	13					310	23			330	17					
1500					220	3	360	14					280	19			320	17					
2000													250	20			320						
3000													250	22									
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sīwa		Bahariya		Dakhla		Kharga		Wādi Halfa		Abū Hamad		Kareima		Khartūm		Kassala		El Obeid		El Fāsher		Malakāl	
Time							8				4								4 30				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	7																
600							350	13			360	13											20	17
1000							320	17			360	26							30	34			40	27
1500							280	12			330	13							10	16			40	25
2000							270	16											270	3				
3000							290	23			300	26							330	6			110	5
4000																							210	1
5000																								
6000																								
7000																								
8000																								

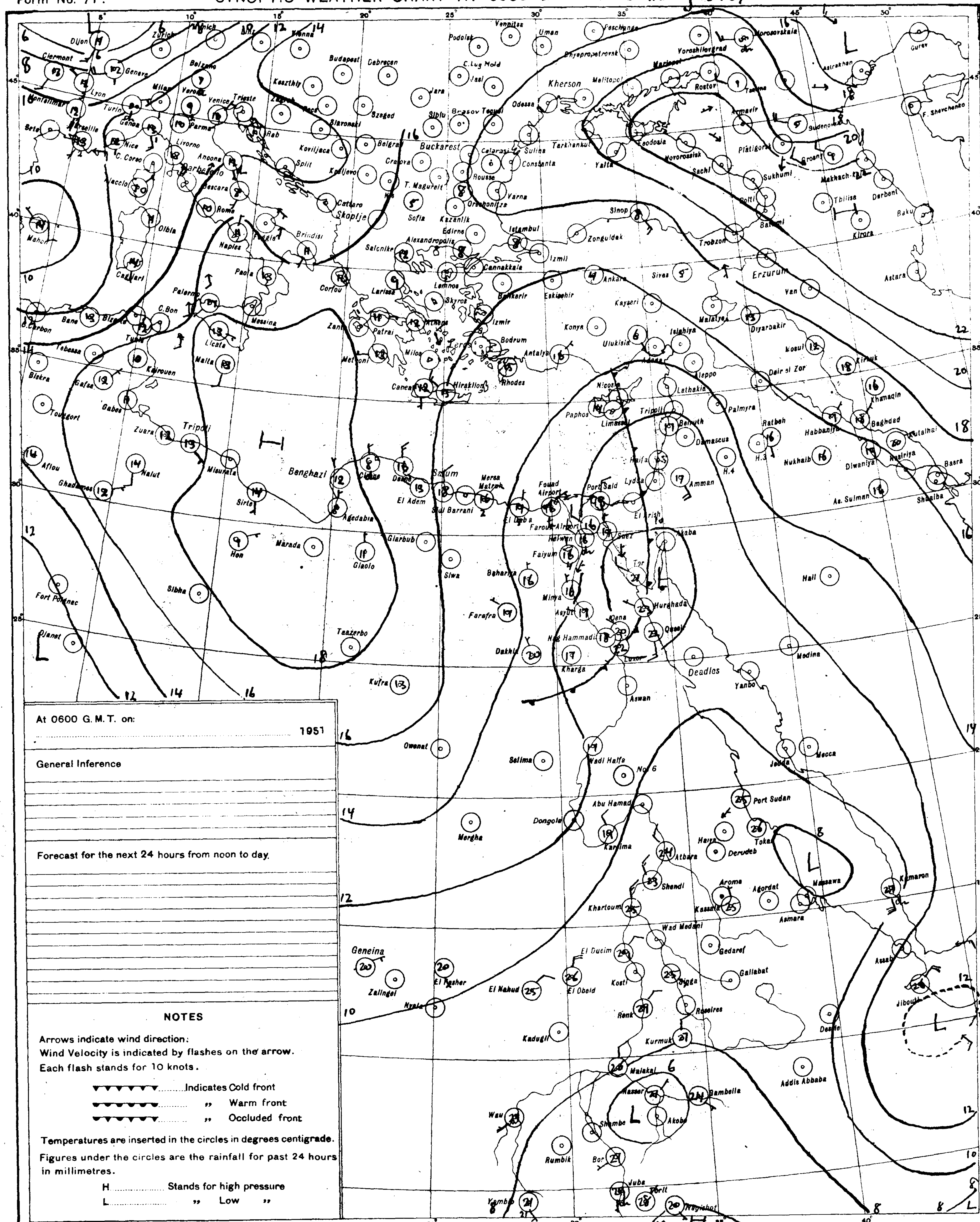
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 18/3/ 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction:
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.........Indicates Cold front
●●●●●●......... ,, Warm front
▼●▼●▼●......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

F. S.

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 04 02 G. M. T.

" " Sunset 16 05 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date : Monday 19th March, 1951

MAY 24 1951 WEATHER BUR

At 1200 on Sunday 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	13	35	02	1	3	Cu	15.1	18	60	10
	303	SÎDI BARÂNI	340	15?	18	01	2	4	Cu	15.2	18	56	9
	306	MATRÛH	10	15	14	01	3	5	Cb	15.3	19	52	9
	309	EL DABÂ	320	6	35	02	2	5	Sc	17.9	19	64	12
		ALEXANDRIA	310	15	50	03	2	3	Cu	12.6	18	60	10
	316	FOUAD (Airport)	330	15	18	01	1	3	Cu, Ci	12.9	19	68	13
	330	DAMIETTA	260	9	35	01	1	3	Cu	10.7	19	73	14
	333	PORT SA'ÎD	20	15	30	03	1	6	Sc, Ci	10.2	19	78	15
	336	EL 'ARISH	340	12	15	01	2	5	Sc	9.8	20	73	15
Lower Egypt	339	DAMANHUR	360	13	15	02	6	3	Cu	13.0	20	64	13
	342	MANSURA	360	9	35	03	2	4	Sc, Cu	12.0	22	57	13
	348	TANTA	310	13	35	01	1	4	Cu, Sc	12.8	22	50	11
	354	ZAGAZIG	320	3	35	03	1	6	Cu	11.1	23	61	15
	440	ISMA'ÎLIA	360	5	35	02	1	6	Cu	9.8	23	44	10
Cairo Area	366	FAROUK (Airport)	320	16	18	02	2	7	Cb, Ac	11.0	22	69	16
	372	ALMÂZA	20	17	30	01	2	6	Sc	10.7	22	53	12
		EZBEKÎYA	360	14	18	95	9	6	Cb	10.7	20	60	12
		GÎZA	360	14	18	95	9	6	Cb	10.6	20	56	11
	378	HELWÂN	320	19	7	19	5	6	Cb, Ci	10.2	22	50	11
Upper Egypt	381	FAIYÛM	360	8	35	01	2	6	Sc	10.7	21	50	10
	387	MINYA	190	4	10	17	8	6	Cu	10.5	24	32	6
	393	ASYÛT MANQABÂD	310	10	30	02	1	3	Cu	9.8	26	37	10
	399	NAG' HAMMÂDI	320	3	15	01	1	6	Cu	9.6	29	31	10
	402	QENA	290	3	50	03	1	3	Cu	9.6	30	21	5
	405	LUXOR	280	11	30	03	1	2	Cu, Ci	9.9	30	16	1
	414	ASWÂN	260	4	50	00	0	0	—	7.5	30	11	-4
Oases	417	SÎWA											
	420	BAHARÎYA	360	4	35	02	1	5	Ac	12.3	23	44	10
	423	FARAFRA	320	4	35	02	2	3	Ac	13.8	23	44	10
	432	DAKHLA	340	3	50	03	0	7	Ci	12.0	25	70	19
	435	KHARGA	320	6	15	02	2	3	Cb	10.2	28	22	4
Red Sea	450	SUEZ	360	8	50	01	0	3	Cu	9.3	23	44	10
	459	TÛR	310	13	35	03	1	6	Sc	7.0	24	61	16
	462	HURGHÂDA	320	11	30	02	2	6	Ac	6.3	23	61	15
	465	QUSEIR	90	9	15	03	1	3	Cu	7.5	25	61	17
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA	180	9	30	02	0	0	—	8.1	32	8	-7
	640	ABU HAMAD	270	8	30	02	0	2	Ci		32	6	-11
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA	320	4	30	03	2	7	Ac, Ci	4.7	34	7	-6
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	10	9	30	02	2	7	Ac, Cs	5.0	34	7	-7
	760	EL FÂSHER	200	7	30	02	2	7	Cs		34	5	-10
	770	GENEINA			30	01	2		Cs		35		
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA	130	5	30	03	1	7	Cb, Ac	1.0	36	29	15

At 1800 on Sunday 18th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM												
303	SÎDI BARÂNI												
306	MATRÛH	360	8	14	02	1	3	Cu	15.7	16	68	10	0
309	EL DABÂ												
	ALEXANDRIA	90	16	35	03	0	4	Cu	15.5	16	69	10	0
316	FOUAD (Airport)	340	8	12	01	2	3	Cu	14.4	16	88	14	0
330	DAMIETTA	340	5	7	01	1	1	Cu	12.7	17	88	15	0
333	PORT SA'ÎD	10	15	14	02	2	7	Sc	11.6	18	83	15	0
336	EL 'ARISH	340	10	12	03	2	7	Cs	10.3	17	88	15	0
339	DAMANHUR	360	9	7	02	1	1	Cu	14.3	15	88	12	0.1
342	MANSURA	360	5		00	1	0	—	13.6	17	77	13	0
348	TANTA	00	0	35	02	1	0	—	13.5	15	88	13	0
354	ZAGAZIG	320	2	35	02	1	0	—	12.2	18	73	13	0
440	ISMA'ÎLIA	360	5	35	02	1	6	Cu	13.5	18	60	10	0
366	FAROUK (Airport)	30	9	12	02	9	6	Cu, Ac, Cs	14.0	18	78	14	Rain
372	ALMÂZA	50	4	12	02	9	6	Sc	13.7	17	68	11	1
	EZBEKÎYA	360	4	12	02	9	5	Cu	13.8	17	77	13	2
	GÎZA	360	4	12	02	9	5	Cu	14.2	18	73	13	02
378	HELWÂN	360	5	15	01	9	7	Sc, Ci	13.8	16	77	12	1
381	FAIYÛM	360	6	35	03	5	7	Cb	13.5	16	68	10	dz
387	MINYA	00	0	8	00	8	0	—	12.9	16	77	12	3
393	ASYÛT MANQABÂD	310	4	10	00	1	0	—	11.7	19	56	10	0
399	NAG' HAMMÂDI	00	0	15	01	0	2	Sc	11.0	20	56	11	0
402	QENA	360	2	7	02	1	3	Cu	10.4	22	29	3	0
405	LUXOR	330	7	12	00	0	0	—	9.3	23	27	3	0
414	ASWÂN												
417	SÎWA												
420	BAHARÎYA	360	5	15	02	1	0	—	13.8	18	60	10	0
423	FARAFRA												
432	DAKHLA	340	6	50	00	0	0	—	12.2	21			0
435	KHARGA	360	4	15	01	1	1	Sc	11.9	23	32	5	0
450	SUEZ	360	6	35	01	0	2	Cu	13.0	18	73	13	0
459	TÛR	310	2	7	00	0	0	—	10.4	21	65	14	0
462	HURGHÂDA												
465	QUSEIR	350	9	15	01	1	2	Ci	8.4	22	57	13	0
641	PORT SÛDÂN	00	0	30	02	0	3	Ac, Ci	7.7	27	79	23	0
600	WÂDI HALFA	310	10	50	02	0	0	—	10.8	25	14	-5	0
640	ABU HAMAD	280	7	30	02	0	0	—		26	7	-13	0
660	KAREIMA	340	5	30	02	0	0	—	9.4	24	15	-5	0
680	'ATBARA	340	5	30	03	1	4	Cs	8.3	26	9	-10	0
721	KHARTÛM	340	8	30	01	2	4	Ac, Cs	8.3	27	13	-4	0
730	KASSALA	00	0	30	03	2	7	Ac	8.1	23	27	3	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA	310	13	30	21	6	8	Sc	8.5	25	74	20	dz

At 0600 on Monday 19th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI																			
MATRÛH	310	5	15	02	2	5	Cu	17.9	+1.5	16	20		14		77	12	0	Rain	
EL DABÂ																			
ALEXANDRIA	360	15	50	03	2	4	Cu	16.4	+0.6	17	20	-2	15	+2	77	13	0	55	177
FOUAD (Airport)	330	13	18	02	1	5	Cu	16.5		19	20		15		73	14	0	55	135
DAMIETTA	340	5	7	03	1	3	Cu	15.6	-0.1	18	20	0	16	+5	83	15	0	Rain	97
PORT SA'ÎD	360	13	15	01	1	4	Sc	15.0	+0.1	18	20		17		83	15	0	17	
EL 'ARISH											21								80
DAMANHÛR	360	9	7	02	1	1	Cu	16.6	+0.5	16	21	-2	11	+1	88	14	0.1	29	90
MANSÛRA	360	5	35	03	2	4	Sc	16.2	+0.3	16	24	0	13	+3	88	14	0	29	46
TANTA	270	2	35	01	1	3	Cu	17.2?	+0.7	15	23	-1	9	0	88	13	0	22	34
ZAGAZIG	320	1	50	03	1	3	Cu	16.3	+0.3	13	25	+1	10	+1	88	11	0	16	23
ISMA'ÎLIA	290	5	35	01	1	4		15.4		13	24		13		88	11	0	17	
FAROUK (Airport)	250	3	12	05	2	4	Sc	16.8		13	23		12		95	13	Rain	Rain	
ALMÂZA	330	5	12	03	1	7	Sc	16.6	+0.5	14	22		12		82	11	1	12	
EZBEKÎYA	350	8	12	02	1	6	Cb	16.4	+0.3	15	22	-3	12	+1	88	13	2	10	21
GÎZA	350	8	12	02	1	6	Cb	16.6	+0.1	15	23	-1	10	+2	77	11	02	10	20
HELWÂN	360	2	3	01	2	7	Sc	16.4	+0.3	14	22	-1	13	+2	88	12	1	12	22
FAIYÛM	360	6	35	01	1	3	Cb	16.5	+0.3	16	22	-4	12	+2	77	12	dz	8	7
MINYA	360	7	8	02	1	2	Sc	16.5	+0.1	14	25		11		88	12	3	3	
ASYÛT MANQABÂD	290	4	8	10	0	6	Sc	16.6	+0.7	14	27		12		88	12	0	dz	
NAG' HAMMÂDI	320	2	15	00	0	0	—	15.2	-0.1	17	28	+1	12	+3	60	9	0	0.1	
QENA											31	0							
LUXOR	290	6	30	00	0	0	—	13.6	-1.5	19	32		13		49	8	0	0	
ASWÂN	00	0	50	00	0	0	—	13.9	-0.8	20			16	+1	41	6	0	0	
SÎWA																			7
BAHARÎYA	360	5	35	02	1	4	Cu	17.4	+0.7	14	25	-1	9	0	88	12	0	0	7
FARAFRA	220	1	35	02	0	0	—	16.8		15			10		68	9	0	dz	
DAKHLA	340	4	50	00	0	0	—	17.0	+0.9	17	26	-3	12	+2	77	13	0	0	
KHARGA	320	5	15	00	0	0	—	14.3	-1.3	18	29	0	14	+2	60	10	0	0	
SUEZ	360	6	35	00	0	6	Sc	15.1	-0.8	17	25	+1	14	+2	77	13	0	0.3	14
TÛR	340	9	35	01	0	1	Ci	18.7	-1.9	20	27	+3	13	0	64	13	0	4	12
HURGHADA																			
QUSEIR	330	9	15	00	1	2	As	12.6	-1.4	20	27	+2	17		56	11	0	dz	4
PORT SÛDÂN	310	2	30	02	1	8	Ac, Cs	10.9		27	29		21		74	22	0	152	95
WÂDI HALFA	360	3	50	02	0	0	—	14.5		19	32		15		40	5	0	dz	
ABU HAMAD											33								
KAREIMA											33								1
'ATBARA	340	9	30	03	1	6	Cs	12.5		22	33		16		19	-3	0	0.3	2
KHARTÛM			30	03	2		Ac, Cs	12.2		22	34		15		19	-3	0	dz	4
KASSALA	360	4	30	01	1	4	Ac, Ci	10.5		26	36		17		12	-6	0	3	8
WÂD MEDANI																			12
RENK	50	5	25	02	1	3	Ci	12.0		26	38		19		30	7	0		49
ROSEIRES																			38
EL OBEID	40	10	30	03	1	7	Cs	14.7			35		16			-9	0	6	16
EL FÂSHER	00	0	30	03	2	8	Cs			17	35		13		20	-6	0	6	6
GENEINA	50	6	30	03	2	7	Cs			19	37		17		16	-8	0		4
MALAKÂL																			91
WÂU	20	1	25	02	2	7	Ac			24	34				69	18	0	144	162
JUBA																			179

HUMIDITY %

Mean of day

Station	on 18th	Diff from normal
Alexandria	72	+7
Ezbekiya	77	+17
Gîza	72	+10
Helwân	76	+30

GÎZA

GRASS MINIMUM TEMP. ON 19th 7.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 18th At 1500

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	87	18	68	360	9
950					
900					
850	1458	8	76	360	20
800					
700	3037	-2	95	00	0
600					
500	5619	-21		00	0
400	7226	-32	95	00	0
300	9191	-46		240	11

Helwan AIRPORT — On 18th At 0800

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	140	16	94	350	10
950					
900					
850	1530	6	66	100	6
800					
700	3058	-5	88		
600	4251	-14	95		
500	5611	-25	95		
400					
300	9133	-47			

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 18th

Height m.	Matruh Dir.	Matruh Vel.	P.Said Dir.	P.Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	14		14		14 30		14		14		14		20		20		20	
300	240	12	350	18	20	16	300	12	80		350	10	350	18	320	7	20	19
600	240	12	360	16	360	15	300	16	80		340	14	350	18	340	12	10	17
1000	240	12	10	15	340	20	290	19			320	26	10	18	350	9	20	12
1500	240	12	20	12	300	20	300	20			330	16	350	12	350	9	10	31
2000					310	17	300	18			320	10	340	29?			10	30
3000							280	30										
4000							290	27										
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 19th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh 8 Dir.	Matrûh 8 Vel.	Fouad Airport 4 Dir.	Fouad Airport 4 Vel.	Port Sa'îd 2 Dir.	Port Sa'îd 2 Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân 8 Dir.	Helwân 8 Vel.	Helwân 15 Dir.	Helwân 15 Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
300			330	9	360	13	350	11			350	7			360	20									350	13
600			330	7	350	18	360	9			350	11			360	28									340	16
1000			10	7	320	9	360	8							360	14									340	14
1500			10	4			20	7																		
2000							20	3																		
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa 4 Dir.	Wâdi Halfa 4 Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
300									30	15														
600									40	25														
1000									50	26														
1500									760	9														
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

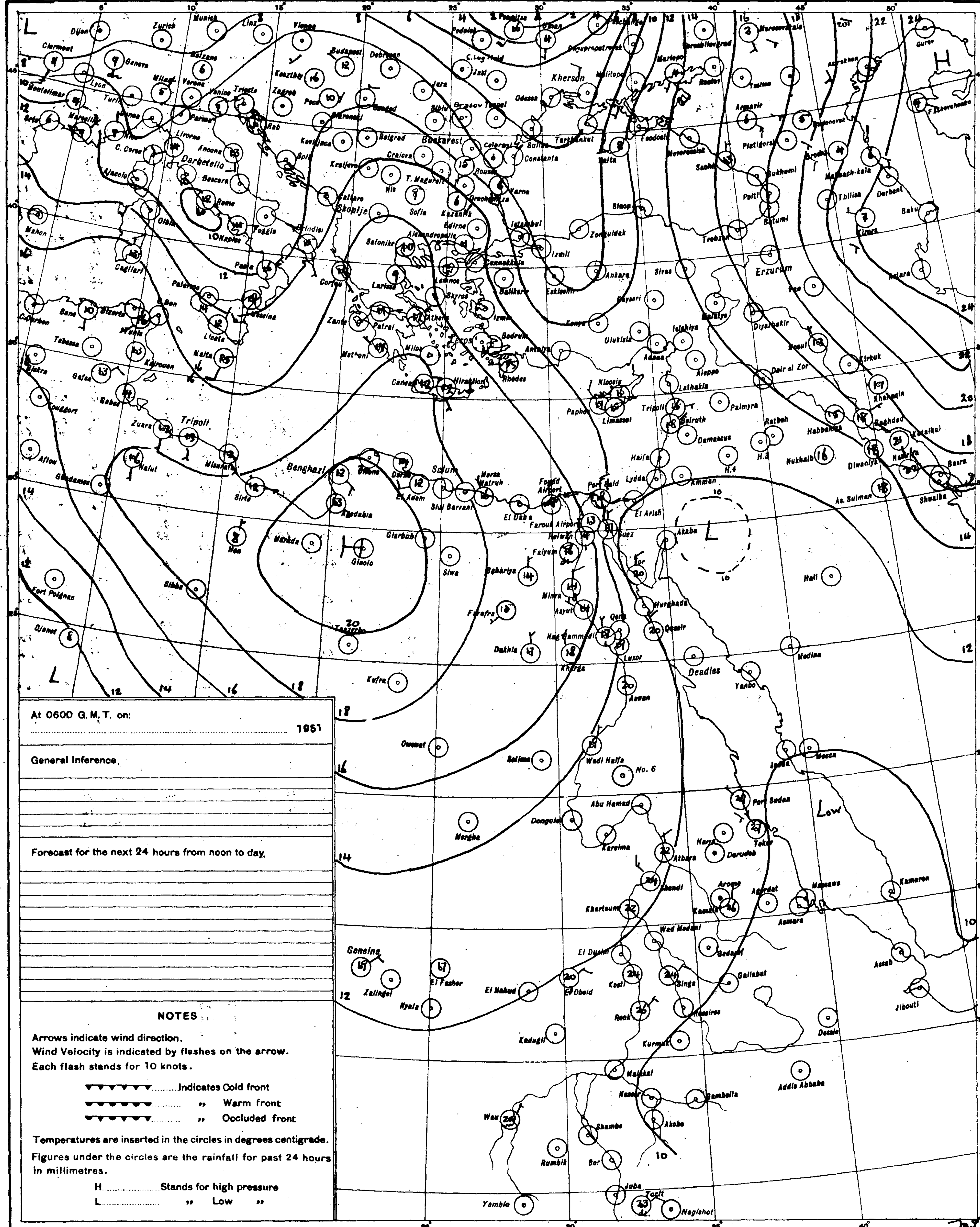
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 19/3/1951*



At 0600 G. M. T. on:

.... 1951

General Inference.

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●........... ,, Warm front
▼●▼●▼●▼........... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	○
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain / Hail	Thunderstorm during the past hour	91 / 93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 04 00 G.M.T.
" " Sunset 16 06 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 20th March, 1951

At 1200 on Monday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	20	9	35	00	0	0	—	17.5	18	60	10
	303	SÎDI BARÂNI	300	5	18	02	0	0	—	17.9	18	60	10
	306	MATRÛH	340	12	15	01	1	2	Cu	18.2	19	56	10
	309	EL DABA	360	6	35	01	1	3	Cu	17.1	19	73	14
		ALEXANDRIA	20	16	50	03	2	5	Cu, Ac	16.4	19	73	14
	318	FOUAD (Airport)	320	16	18	01	1	3	Cu	16.7	20	69	14
	330	DAMIETTA	360	5	35	01	1	1	Cu	15.5	20	73	15
	333	PORT SA'ID	360	15	18	03	1	6	Sc	14.8	19	83	16
	336	EL 'ARISH	320	11	18	01	2	5	Cu, Ci	12.8	20	83	17
Lower Egypt	339	DAMANHUR	40	9	15	02	1	1	Cu	16.4	22	50	11
	342	MANSURA	360	9	35	00	1	0	—	15.4	23	50	12
	348	TANTA	310	8	35	01	1	3	Cu, Sc	15.5	23	44	10
	354	ZAGAZIG	320	1	35	03	1	3	Cu, Ac	15.1	23	50	12
	440	ISMA'ILIA	360	5	35	03	1	6	Cu	14.3	23	50	12
Cairo Area	366	FAROUK (Airport)	320	16	30	02	2	5	Sc	15.0	23	65	16
	372	ALMAZA	20	14	30	03	2	5	Sc	14.5	22	50	11
		EZBEKIYA	320	16	18	02	1	5	Cu	14.6	22	53	12
		GIZA	320	16	18	02	1	5	Cu	15.0	23	50	12
	378	HELWAN	360	5	7	01	1	4	Cu	14.6	22	44	9
Upper Egypt	381	FAIYUM	330	6	35	02	1	2	Cb	15.4	23	44	10
	387	MINYA	360	13	12	02	1	2	Cu	15.8	24	36	8
	393	ASYUT MANQABAO	290	12	30	02	1	3	Cu	13.7	22	53	12
	399	NAG' HAMMADI	320	3	35	01	1	4	Cu, Ac	13.0	24	54	14
	402	QENA	290	3	50	03	1	2	Ci	12.1	26	22	4
	405	LUXOR	40	11	30	00	0	0	—	12.8	25	28	5
	414	ASWAN	350	4	50	00	0	0	—	12.9	25	28	5
Oases	417	SIWA											
	420	BAHARIYA	360	3	35	01	1	3	Ac	16.0	23	38	8
	423	FARAFRA	360	4	35	02	0	0	—	17.0	23	44	10
	432	DAKHLA	340	11	50	00	0	0	—	15.9	23	65	16
	436	KHARGA	320	6	15	00	0	0	—	13.8	24	32	6
Red Sea	450	SUEZ	310	5	50	01	0	3	Cu	13.1	24	38	9
	459	TOR	310	19	35	02	2	0	—		21	57	12
	462	HURGHADA	330	16	30	02	1	2	Cb				14
	465	QUSEIR	360	9	15	02	0	2	Ac	11.6	22?	65	15
	641	PORT SUDAN	30	20	10	07	2	8	Ac, Ci				20
North Sudan	600	WADI HALFA	340	15	50	02	0	0	—	11.4	27	22	3
	640	ABU HAMAD		8	30	02	0	2	Ci	8.6	31	6	-10
	660	KAREIMA											
	680	'ATBARA	340	13	10	07	1	4	Cs	7.8	32	6	-10
	721	KHARTUM	340	9	30	01	2	7	Ci	8.2	33	10	-3
	730	KASSALA	270	5	30	03	2	7	Ac, Cs	5.9	34	7	-7
Central Sudan	751	WAD MEDANI	50	9	35		2	8	Ci	6.7	33	6	-10
	801	RENK	360	9	35	02	1	4	Ci	7.1	37	13	5
	802	ROSEIRES	50	9	35	02	1	5	Ci	6.6	34	9	-4
	771	EL OBEID	30	12	30	02	2	7	Ac	6.9	32	6	-11
	760	EL FASHER	20	8	30	02	2	7	Cs		33	6	-9
	770	GENEINA	110	4	30	03	2	4	Cs		34	7	-6
S. Sudan	840	MALAKAL	20	10	30	02	2	7	Ac	6.3	35	6	-8
	880	WAU											
	941	JUBA	40	5	30	01	2	5	Cu, Ac	5.2	34	30	14

At 1800 on Monday 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	290	2	15	00	0	0	—	17.4	14	7.	10	0
SIDI BARANI	30	10	14	00	0	0	—	17.3	14	17	10	0
MATRUH	310	4	15	00	0	0	—	18.1	14	7.	10	0
EL DABA	00	0			0	0	—	17.0	15	77	11	0
ALEXANDRIA	360	16	35	01	2	2	Sc, Cu	17.1	16	77	12	0
FOUAD (Airport)	330	12	14	01	0	1	Ci	17.0	16	88	14	0
DAMIETTA												
PORT SA'ID	360	13	14	02	0	0	—	14.9	18	88	16	0
EL 'ARISH	320	2	15	01	0	0	—	14.2	18	83	15	0
DAMANHUR	40	9	7	02	1	3	Cu, Sc	17.0	16	88	14	0
MANSURA	360	5		00	0	0	—	16.0	17	77	13	0
TANTA	360	2	35	02	1	0	—	16.6	16	88	14	0
ZAGAZIG	320	1	35	02	1	0	—	15.9	16	77	12	0
ISMA'ILIA	360	5	35	01	0	0	—	15.2	18	83	15	0
FAROUK (Airport)	360	9	12	01	0	0	—	16.1	18	83	15	0
ALMAZA	200	9	12	00	0	0	—	15.4	19	60	11	0
EZBEKIYA	360	8	12	00	0	0	—	15.5	18	73	13	0
GIZA	360	8	12	00	0	0	—	15.1	18	60	10	0
HELWAN	320	10	15	01	0	0	—	15.5	19	52	9	0
FAIYUM	00	0	35	01	0	0	—	16.3	18	73	13	0
MINYA	360	4	8	00	1	0	—	15.4	16	72	11	0
ASYUT MANQABAO	290	8	10	00	0	0	—	14.1	17	64	12	0
NAG' HAMMADI	270	2	15	00	0	0	—	13.5	20	56	11	0
QENA	360	2	7	02	1	2	Ci	13.7	23	38	8	0
LUXOR	290	11	12	00	0	0	—	11.7	22	41	8	0
ASWAN	350	4	50	00	0	0	—	12.5	23	24	1	0
SIWA												
BAHARIYA	360	3	15	02	1	0	—	16.2	20	86	11	0
FARAFRA	360	1	15	02	0	0	—	17.1	17	52	7	0
DAKHLA	340	3	50	00	0	0	—	16.4	21	65	14	0
KHARGA	360	4	15	00	0	0	—	13.9	21	33	4	0
SUEZ	360	4	35	01	0	0	—	14.7	18	83	15	0
TOR	130	2	7	00	1	0	—	14.7?	20	73	15	0
HURGHADA												
QUSEIR	360	5	15	01	0	0	—	11.1	22	57	13	0
PORT SUDAN	330	4	30	02	2	0	—	9.4	25	65	18	0
WADI HALFA	340	10			0	0	—	12.2	23	27	3	0
ABU HAMAD	310	8	30	02	0	0	—		26	17	-1	0
KAREIMA	330	9	30	02	0	0	—	10.8	28	19	0	0
'ATBARA	360	2	30	03	1	3	Ci	9.3	25	19	0	0
KHARTUM	340	6	30	01	2	7	Ac, Cs	8.6	27	14	-[illegible]	0
KASSALA	340	2	30	02	2	7	Ac, Cs	9.2	26	21	.	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	2	6	Cs	8.7	26	9	-9	0
EL FASHER	00	0	30	03	1	7	Ci		27	17	0	0
GENEINA	50	5	30	03	1	6	Cs		27	17	0	0
MALAKAL	20	4	30	02	2	8	Ac, Cs	7.1	27	22	3	0
WAU												
JUBA	50	2	30	01	1	6	Ac, Cs	6.1	29	49	17	0

At 0600 on Tuesday 20th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	13	15	03	1	5	Ci	14.8	-1.2	17	19	-3			52	7	0	84	
SIDI BARANI	220	5	14	03	0	2	Ci	15.5		15	18		5		63	8	0	98	
MATRUH	250	7	15	03	1	3	Ci	15.8	-0.6	14	19		7		67	8	0	Rain	
EL DABA	220	2	15	00	0	0	—	15.9			19		8			9	0	54	
ALEXANDRIA	310	3	50	02	2	7	Cu, Ci	16.3	+0.6	17	21	-1	15	+2	77	13	0	55	177
FOUAD (Airport)	320	5	14	03	0	2	Ci	16.2		17	21		12		77	13	0	55	136
DAMIETTA	290	2	7	03	0	1	Cu	16.0	+0.4	17			11	0	88	15	0	Rain	98
PORT SA'ID	360	4	15	02	0	1	Sc, Ci	16.0	+1.2	18	21		16		83	15	0	17	
EL 'ARISH	220	2	15	03	0	2	Cu	15.8	-0.2		21	0	14	+3		14	0	Rain	81
DAMANHUR	270	5		02	1	1	Ci	17.1	+1.1	15	23	0	12	+2	88	13	0	29	90
MANSURA	320	5	35	00	0	0	—	16.7	+0.8	15	25	+1	12	+2	88	13	0	29	46
TANTA	00	0	35	02	0	0	—	17.8	+1.4	14	24	0	7	0	88	12	0	22	34
ZAGAZIG	00	0	3	43	4	0	—	16.6	+0.6	12	26	+2	11	+2	95	12	0	16	24
ISMA'ILIA	290	2	35	01	1	6	Cu	16.3		18	24		13		73	13	0	17	
FAROUK (Airport)	320	4	6	05	2	5	St	16.9		16	24		13		77	12	0	Rain	
ALMAZA	30	8	12	01	1	3	Sc, Cu	16.3	+0.2	16	24		13		72	11	0	12	
EZBEKIYA	360	4	12	02	1	4	Cu	16.7	+0.6	16	24	-1	14	+3	88	14	0	10	21
GIZA	360	4	12	02	1	4	Cu	16.7	+0.3	16	24	-1	13	+5	88	14	0	10	21
HELWAN	360	12	7	00	0	3	Cu	16.3	+0.3	16	23	-2	13	+1	68	10	0	12	23
FAIYUM	360	8	35	03	1	3	St				25	-1	13	+3		11	0	8	7
MINYA	30	8	8	02	2	7	Sc	16.2	-0.1	15	24		12		83	12	0	3	
ASYUT MANQABAO	340	5	3	10	0	5	Sc	16.1	+0.3	15	24		12		82	12	0	dr.	
NAG' HAMMADI	270	2	7	00	0	0	—	15.2	-0.1	18	24	-3	12		73	13	0	0.1	
QENA	290	2	15	00	0	0	—	13.5	-1.2	18	30	-1	15	+3	60	10	0	0	
LUXOR	00	0	30	00	0	0	—	14.0	-1.0	20	28		13		56	11	0	0	
ASWAN											27	-4							
SIWA																			7
BAHARIYA	00	0	35	02	1	3	Cu	17.4	+0.7	16	24	-2	9	0	77	12	0	0	7
FARAFRA	00	0	35	02	0	0	—	17.8		16	24		10		49	5	0	dr.	
DAKHLA	340	3	50	00	0	0	—	17.1	+1.1	17	25	-4	13	+2	77	13	0	0	
KHARGA	360	4	15	00	0	0	—	15.5	0.0	18	25	-4	13	+1	60	10	0	0	
SUEZ	310	4	50	00	0	5	Cu	15.4	-0.5	17	25	+1	15	+3	77	13	0	0.3	14
TOR	360	2	35	02	0	0	—	13.1	-1.3	20	24	0	13	0	64	13	0	4	12
HURGHADA																			
QUSEIR	330	9	15	02	0	0	—	12.8	-1.1	21			18	+1	65	14	0	dr.	4
PORT SUDAN	330	10	30	02	0	1	Cu	12.3		25	30		20		70	19	0	152	95
WADI HALFA	340	6	50	02	0	0	—	14.8		17	29		13		46	5	0	dr.	
ABU HAMAD											32								
KAREIMA	20	9	30	02	0	0	—	13.2		21	32		19		29	2	0	dr.	1
'ATBARA	340	9	30	02	0	2	Ci	12.0		21	33		17		25	0	0	0.3	2
KHARTUM	10	10	30	03	1	5	Cs	12.7		21	34		15		25	0	0	dr.	4
KASSALA											36								8
WAD MEDANI																			12
RENK																			49
ROSEIRES	310	5	35	02	1	5	Ac	11.4		21	35		12		35	5	0	0	38
EL OBEID	40		30	00	1	7	Ac, Cs	13.5		21	33		18		16	-6	0	6	16
EL FASHER	320	3	30	01	0	1	Ci			17	35		11		52	7	0	6	6
GENEINA											35								4
MALAKAL	50	8	30	03	1	5	Ac, Ci	9.4		27	35		20		30	8	0	70	91
WAU	360	4	30	02	1	7	Ac, Ci	8.4		25			23		36	9	0	144	163
JUBA	50	5	30	01	2	7	Ac	7.7		30	36		25		52	19	0	199	180

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	75	+10
Ezbeklya	73	+13
Giza	68	+6
Helwan	70	+24

GIZA GRASS MINIMUM TEMP. ON 20th 9.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport — On 19th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	122	24	47	360	16
950					
900					
850	1507	11	88	40	17
800					
700	3101	2	41	50	20
600					
500	5719	-17		10	23
400	7359	-29		20	33
300	9362	-42		30	36

Airport — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 19th

Height m.	Farouk Dir.	Farouk Vel.	Fouad Dir.	Fouad Vel.	S. Barani Dir.	S. Barani Vel.	Fouad Dir.	Fouad Vel.	Farouk Dir.	Farouk Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	15		14		14		20		20		20		20	
300	20	18	340		340	9	350	12	350	18	360	34	10	10
600	30	18	350	20	330	7	360	11	360	17	350	36	20	9
1000	30	18	70	9	290	6	360	11	20	15	360	22	40	7
1500	40	17	20	16	290	8	80	13	40	19	10	12	40	6
2000	60	20			340	8	100	7						
3000	50	20			350	14	70	6						
4000														
5000	20	22												
6000	360	14												
7000														
8000														

UPPER WIND OBSERVATIONS on 20th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					2		2																	
Height m.																								
300					320	10	320	7																
600					320	9	320	7																
1000					290	7	320	4																
1500					190	6	350	5																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time							8		4		4								4	30	5		4	
Height m.																								
300							10	7	20	15														
600							360	19	20	20	10	25											50	19
1000							360	22	10	15	360	15							30	31	10	9	30	25
1500							360	15	20	17	280	12							40	17	60	19	50	15
2000																								
3000									340	18	320	10							300	15			60	8
4000																							260	17
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

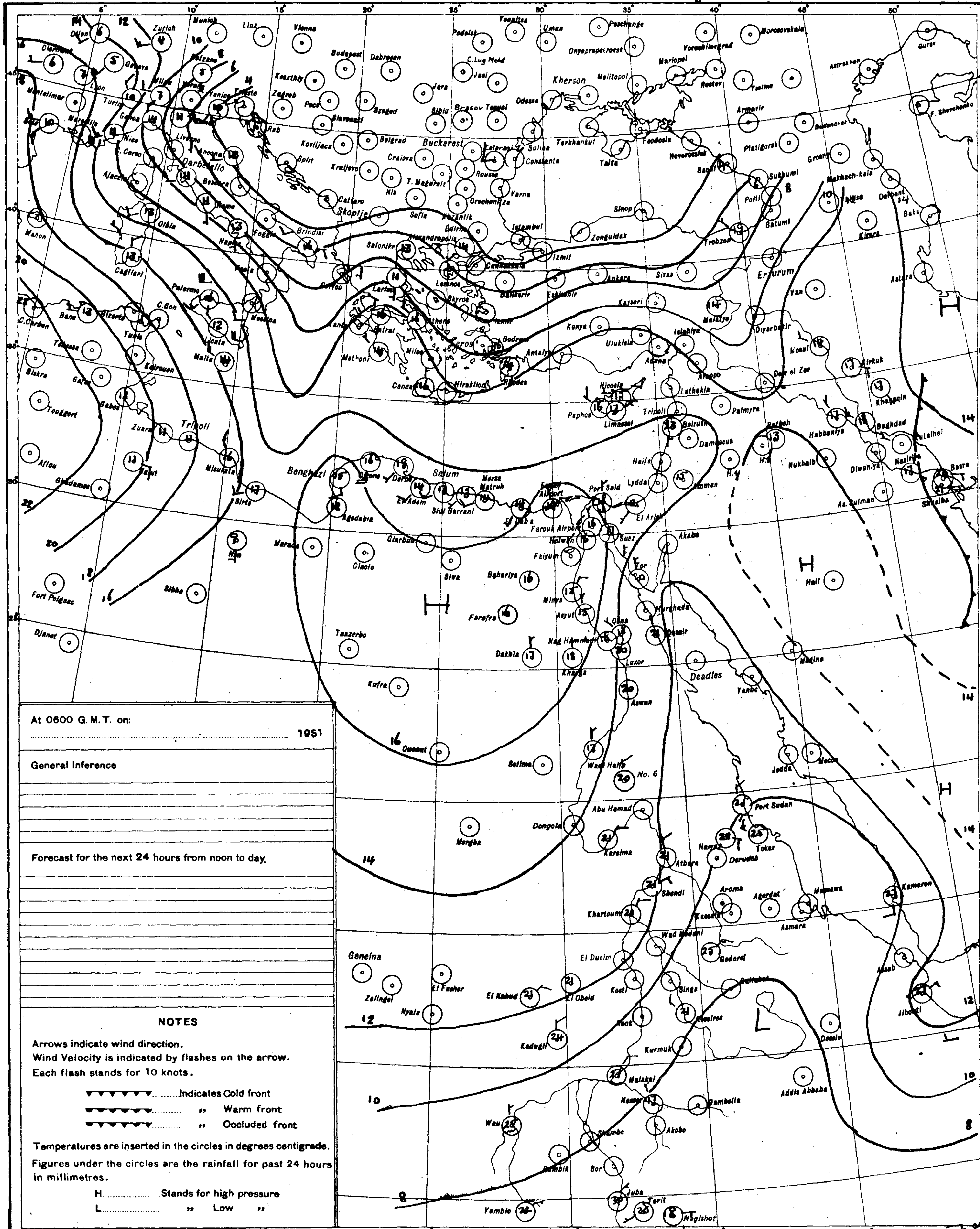
Printed by the Survey of Egypt 1949 (45/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

LIBRARY MAY 24 19 WEATHER B

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 20/3/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (*vis less than 1000 m.*) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 59 G. M. T.

" " Sunset 16 06 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 151

DAILY WEATHER REPORT

Date : Wednesday 21st March, 1951

LIBRARY MAY 24 1951 WEATHER BUREAU

At 1200 on Tuesday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	250	9	35	03	1	4	cs	12.4	28	22	4
	303	SÎDI BARÂNI	290	10	15	02	0	1	ci	12.6	26	25	4
	306	MATRÛH	290	10	15	02	1	4	cs	13.4	23	36	7
	309	EL DABA	360	6	35	02	1	4	cu	12.4	24	32	6
		ALEXANDRIA	270	10	50	02	2	7	cu, sc	14.7	19	73	14
	318	FOUAD (Airport)	260	12	18	02	2	7	cs	14.8	22	36	6
	330	DAMIETTA	320	2	35	03	1	5	ac	14.4	21	57	12
	333	PORT SA'ÎD	360	4	30	02	0	7	cs	14.3	21	69	15
	336	EL 'ARISH	290	7	15	01	2	1	cu	15.0	20	73	15
Lower Egypt	339	DAMANHUR	360	5	15	02	1	6	ci	14.7	24	38	9
	342	MANSURA	320	5	35	03	2	5	ac	14.3	25	48	13
	348	TANTA	330	2	35	03	2	8	ac	14.5	24	47	12
	354	ZAGAZIG	320	1	35	03	2	3	ci	14.3	26	42	12
	440	ISMAÎLÎA	290	2	35	03	2	8	ac	14.0	26	42	12
Cairo Area	366	FAROUK (Airport)	360	2	18	03	2	7	ci	14.6	23	47	11
	372	ALMÂZA	20	6	15	02	2	5	ci	14.0	23	50	12
		EZBEKÎYA	350	8	18	02	1	4	ci	14.1	23	50	12
		GÎZA	350	8	18	02	1	4	ci	14.4	24	47	12
	378	HELWÂN	320	10	15	03	2	8	cs	13.6	23	38	8
Upper Egypt	381	FAIYÛM	360	2	35	03	1	4	cs	13.9	24	47	12
	387	MINYA	20	9	12	03	2	2	ci	13.7	26	42	12
	393	ASYÛT MANQABÂD	310	4	18	03	0	1	ci	12.6	24	36	8
	399	NAG' HAMMÂDI	320	2	35	00	0	0	—	12.8	27	37	11
	402	QENA	270	2	50	00	0	0	—	11.4	30	31	11
	405	LUXOR	200	5	30	00	0	0	—	12.1	29	29	9
	414	ASWÂN	290	6	50	00	0	0	—	10.5	28	31	9
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	03	1	4	ac	15.4	25	34	8
	423	FARAFRA	320	1	35	02	1	1	—	16.3	25	42	11
	432	DAKHLA	340	4	50	00	0	0	—	15.4	25	61	17
	435	KHARGA	360	4	15	00	0	0	—	12.6	26	30	7
Red Sea	450	SUEZ	360	5	50	03	0	6	sc	13.0	24	38	9
	459	TÔR											
	462	HURGHÂDA	360	9	30	02	0	1	cu	11.5	23	65	16
	465	QUSEIR	20	13	15	00	0	0	—	12.3	23	65	16
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Tuesday 20th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM												
SÎDI BARÂNI												
MATRÛH	200	6	14	02	0	0	—	12.5	18	49	7	0
EL DABA												
ALEXANDRIA	220	3	35	01	2	2	cu, ci	13.1	18	60	10	0
FOUAD (Airport)	00	0	12	01	1	2	ci	13.0	15	68	9	0
DAMIETTA	320	2	7	01	1	3	ci	13.9	16	88	14	0
PORT SA'ÎD	40	6	18	03	0	7	cs	13.7	18	73	13	0
EL 'ARISH	320	2	15	02	0	2	cu	13.8	15	95	15	0
DAMANHUR	40	5	7	02	1	3	ci	14.3	17	52	7	0
MANSURA	320	3		03	2	5	ac	14.0	19	64	12	0
TANTA	00	0	35	02	1	0	—	14.3	17	77	13	0
ZAGAZIG	320	1	35	03	1	3	ci		19	64	12	0
ISMAÎLÎA	20	5	35	02	2	7	ac	13.9	20	56	11	0
FAROUK (Airport)	40	5	12	02	2	7	cs	13.9	20	60	12	0
ALMÂZA	50	5	12	03	2	7	cs	13.2	21	50	10	0
EZBEKÎYA	00	0	12	02	1	6	ci	13.1	19	60	11	0
GÎZA	00	0	12	02	1	6	cb	13.9	18	60	10	0
HELWÂN	340	5	15	02	2	8	cs	13.0	20	56	11	0
FAIYÛM	00	0	35	02	1	4	st	13.8	19	73	14	0
MINYA	20	2	8	01	1	2	ci	13.2	18	60	10	0
ASYÛT MANQABÂD	310	3	10	02	0	1	ci	12.4	19	49	8	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.6	18	60	10	0
QENA	270	2	7	00	0	0	—	11.2	23	38	8	0
LUXOR	00	0	12	00	0	0	—	11.7	22	41	8	0
ASWÂN	00	0	50	00	0	0	—	11.5	24	38	9	0
SÎWA												
BAHARÎYA	00	0	15	03	1	4	ac	14.6	21	41	7	0
FARAFRA												
DAKHLA	340	3	50	00	0	0	—	14.6	23	50	12	0
KHARGA	360	2	15	00	0	0	—	14.2	21	33	4	0
SUEZ	360	6	35	02	0	6	sc	12.7	21	50	10	0
TÔR												
HURGHÂDA	280	4	12	01	1	2	ci	10.6	20	78	16	0
QUSEIR	360	9	15	01	1	0	—	11.9	21	83	18	0
PORT SÛDÂN	340	8	30	02	0	1	cu	11.2	25	58	16	0
WÂDI HALFA	340	9	50	02	0	0	—	11.1	24	22	1	0
ABU HAMAD	340	4	30	02	0	0	—		24	16	-4	0
KAREIMA	340	4	30	02	0	0	—	9.7	24	17	-3	0
'ATBARA	340	5	30	02	0	0	—	9.2	25	17	-2	0
KHARTÛM	320	7	30	02	0	0	—	8.0	27	17	0	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	6	30	01	0	0	—	7.8	25	16	-3	0
EL FÂSHER	80	5	30	03	0	2	ci		27	19	1	0
GENEINA	50	8	30	03	1	5	ci		28	15	-1	0
MALAKÂL	40	6	30	03	2	7	ac	4.6	30	16	1	0
WÂU												
JUBA	00	0	30	02	9	8	sc, ac	3.0	27	70	21	2

At 0600 on Wednesday 21st March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M. S. L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	290	9	15	00	1	1	cu	10.4		17			13	+2	77	13	0	84	
SÎDI BARÂNI	270	15	14	03	0	4	cu, sc	10.5		17			11		77	13	0	98	
MATRÛH	330	11	15	00	0	0	—	10.3	-6.0	18	25		15		40	4	0	Rain	
EL DABA																			
ALEXANDRIA	220	14	50	00	0	0	—	10.4	-5.3	18	21	-1	15	+2	37	3	0	55	178
FOUAD (Airport)	220	13	18	02	0	0	—	10.1		18	22		14		52	8	0	55	136
DAMIETTA	200	2	7	00	0	0	—	11.2	-4.4	19	22	+2	13	+2	73	14	0	Rain	98
PORT SA'ÎD	190	10	15	01	0	0	—	10.3	-4.5	19	22		16		52	9	0	17	
EL 'ARISH											21	-1							81
DAMANHÛR	230	13		02	0	0	—	11.5	-4.5	18	25	+1	12	+2	66	6	0	29	90
MANSÛRA	220	5	35	00	0	0	—	11.9	-3.9	18	27	+3	12	+2	73	13	0	29	46
TANTA	220	2	35	02	0	0	—	11.7	-4.7	17	26	+1	12	+3	68	11	0	22	34
ZAGAZIG	220	2	35	02	0	0	—	12.0	-3.9	17	27	+2	12	+3	68	11	0	16	24
ISMAÎLÎA											27								
FAROUK (Airport)	200	10	18	00	0	0	—	12.4		21	25		14		47	7	0	Rain	
ALMÂZA	200	10	12	00	0	0	—	12.0	-4.0	20	25		14		46	8	0	12	
EZBEKÎYA	00	0	12	00	0	0	—	12.2	-3.8	17	25	0	14	+3	68	11	0	10	21
GÎZA	00	0	12	00	0	0	—	12.7	-3.7	18	25	0	10	+2	73	13	0	10	21
HELWÂN	90	8	7	00	0	0	—	12.7	-3.2	17	24	-1	14	+2	60	9	0	12	23
FAIYÛM	360	4	35	01	0	0	—	13.9	-2.3	19			11	+1	52	9	0	8	7
MINYA	110	3	8	00	1	0	—	13.3	-2.9	17	27		10		64	10	0	3	
ASYÛT MANQABÂD	290	4	8	10	0	0	—	13.7	-2.1	18	26		14		46	6	0	dr.	
NAG' HAMMÂDI											27	0							
QENA	320	2	15	00	0	0	—	12.7	-1.9	19	31	-1	15	+3	52	7	0	0	
LUXOR	00	0	30	00	0	0	—	12.5	-2.4	22	30		15		47	10	0	0	
ASWÂN											29	-3							
SÎWA																			7
BAHARÎYA	340	2	35	02	0	0	—	14.3	-2.3	18	27	+1	9	0	46	6	0	0	7
FARAFRA	220	1	35	02	0	0	—	14.6		14			9		55	5	0	dr	
DAKHLA	00	0	50	00	0	0	—	15.2	-0.7	15	27	-2	12	+1	68	9	0	0	
KHARGA	00	0	35	00	0	0	—	13.8	-1.6	18	27	-2	11	-1	46	6	0	0	
SUEZ											26	+1							14
TÔR																			13
HURGHADA											24								
QUSEIR	310	9	15	00	0	0	—	11.6	-2.2	21			18	+1	50	10	0	dr.	4
PORT SÛDÂN	360	2	30	02	0	0	—	11.6		25	29		18		51	14	0	152	95
WÂDI HALFA											29								
ABU HAMAD	10	2	30	02	0	0	—			21	31		16		29	2	0		
KAREIMA											31								1
'ATBARA	340		30	02	0	0	—	11.0		21	32		14		20	-3	0	0.3	2
KHARTÛM	350	9	30	02	0	0	—	10.2		23	33				22	0	0	dr	4
KASSALA	50	9	30	02	0	1	—	7.9		27					23	4	0	3	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID											34								16
EL FÂSHER											34								6
GENEINA											35								4
MALAKÂL											38								91
WÂU																			164
JUBA											38								181

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	63	-2
Ezbekîya	67	+8
Gîza	72	+10
Helwân	59	+14

GÎZA GRASS MINIMUM TEMP. ON 21st 6.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 20th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	25	42	10	3
950					
900					
850	1508	12	51	240	3
800					
700	3105	2		320	11
600					
500	5743	-14		310	29
400	7390	-29		310	39
300	9384	-45		310	60

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 20th

Height m.	Farouk Dir.	Farouk Vel.	Fouad Dir.	Fouad Vel.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Minya Dir.	Minya Vel.
Time	15		14		14		14		14		14	
300	360	6	270	16	290	5	340	7	320	16	340	10
600	340	7	260	20	280	4	300	9	290	10	340	10
1000	320	7	250	15	270	4	290	11	260	9	350	10
1500	240	3	220	19	330	7	200	6	260	24	20	6
2000	220	3	210	16	350	6	190	9	280	15	320	10
3000	320	11	300	19			250	9				
4000												
5000	310	22										
6000	310	30										
7000												
8000												

Height m.	Hurghada Dir.	Hurghada Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		20		20	
300	60	9	320	8	310	18	320	16	30	7	360	2	360	21
600	290	3	330	6	310	12	340	13	30	11	300	6	360	11
1000	330	9	350	5	330	14	340	11	30	11	260	9	330	11
1500	310	12	30	4	20	12			360	21	240	16	320	8
2000	270	16	90	2	330	9			340	13	260	17	340	10
3000	320	13	140	4	340	7							320	16
4000					330	14								
5000					320	22								
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 21st

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.
Time							2						2	
300							220	13					340	10
600							260	19					360	12
1000							300	20					340	10
1500							300	16					320	9
2000							320	21					320	16
3000														
4000														
5000														
6000														
7000														
8000														

Height m.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.
Time														
300														
600														
1000														
1500														
2000														
3000														
4000														
5000														
6000														
7000														
8000														

Height m.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time																		
300																		
600																		
1000																		
1500																		
2000																		
3000																		
4000																		
5000																		
6000																		
7000																		
8000																		

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

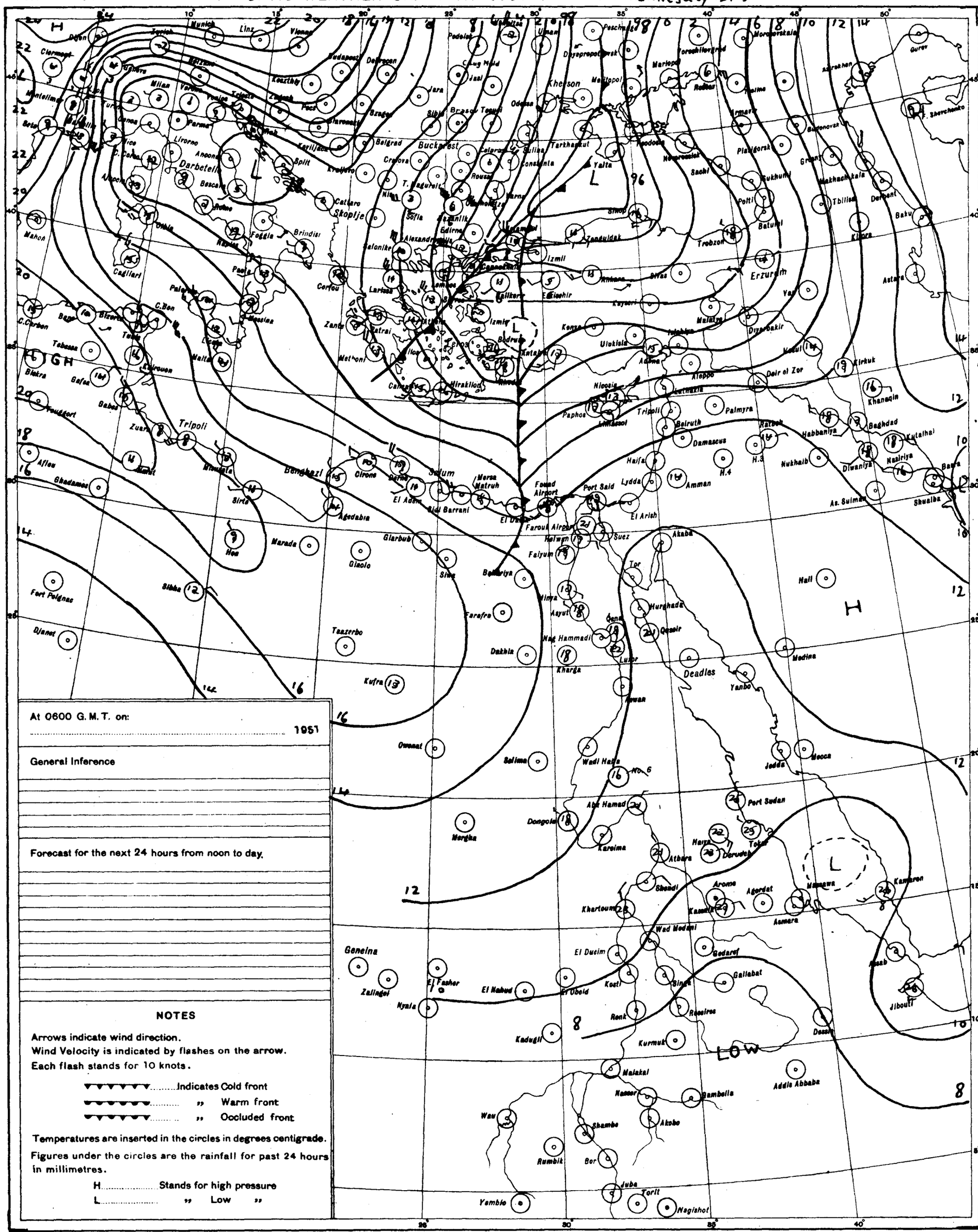
Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 21-3-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 58 G.M.T.
" " Sunset 16 07 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 22nd March, 1951

At 1200 on Wednesday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	70	5	35	00	0	0	—	8.8	22	50	11
	303	SIDI BARANI	310	11	14	12	1	0	—	9.0	19	56	10
	306	MATRUH	350	10	14	02	0	0	—	9.0	19	68	13
	309	EL DABA	320	6	35	00	0	0	—				15
		ALEXANDRIA	310	17	50	00	0	0	—	9.0	20	64	13
	318	FOUAD (Airport)	300	15	18	02	0	0	—	8.9	23	44	10
	330	DAMIETTA	220	5	35	02	0	0	—	8.7	27	33	9
	333	PORT SA'ID	240	11	30	02	0	0	—	9.2	27	37	11
	336	EL 'ARISH	360	4	30	00	0	0	—	9.3	25	34	8
Lower Egypt	339	DAMANHUR	270	13	15	02	0	0	—	9.3	26	30	7
	342	MANSURA	220	9	35	00	0	0	—	9.3	30	25	8
	348	TANTA	310	8	35	02	0	0	—	9.9	30	21	5
	354	ZAGAZIG	320	3	50	02	0	0	—	10.3	29	24	6
	440	ISMA'ILIA	240	15	35	02	0	0	—	9.9	29	24	6
Cairo Area	366	FAROUK (Airport)	250	12	30	00	0	0	—	10.3	28	33	10
	372	ALMAZA	270	11	30	00	0	0	—	9.9	28	22	4
		EZBEKIYA	40	4	18	00	0	0	—	9.2	28	27	7
		GIZA	40	4	18	00	0	0	—	10.4	30	31	11
	378	HELWAN	20	8	50	02	0	0	—	9.8	27	27	6
Upper Egypt	381	FAIYUM	360	4	35	02	0	0	—	11.0	28	27	7
	387	MINYA	00	0	12	00	0	0	—	10.7	29	24	6
	393	ASYUT MANQABAD	00	0	30	00	0	0	—	9.9	28	20	3
	399	NAG' HAMMADI	350	1	35	00	0	0	—	10.4	30	35	13
	402	QENA	320	2	50	00	0	0	—	9.5	32	28	11
	405	LUXOR	00	0	30	00	0	0	—	9.4	30	21	5
	414	ASWAN	240	4	50	00	0	0	—	8.8	30	21	5
Oases	417	SIWA											
	420	BAHARIYA	270	3	35	02	0	0	—	10.7	30	25	8
	423	FARAFRA	90	0	35	02	0	0	—	12.2	29	35	12
	432	DAKHLA	340	2	50	00	0	0	—	11.2	28	29	8
	435	KHARGA	00	0	35	00	0	0	—	11.5	29	24	6
Red Sea	450	SUEZ	180	3	50	02	0	0	—	9.5	26	37	10
	459	TOR	310	5	35	02	0	0	—	8.4	26	37	10
	462	HURGHADA	360	9	30	00	0	0	—	8.8	24	69	18
	465	QUSEIR	20	9	15	02	1	2	Ci	9.9	24	69	18
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	310	4	30	02	0	0	—		31	12	-1
	660	KAREIMA	20	4	30	02	0	0	—	7.6	30	13	-1
	680	'ATBARA	340	9	30	02	0	0	—	5.5	29	10	-6
	721	KHARTUM	310	7	30	02	0	0	—	5.8	32	13	0
	730	KASSALA	320	4	30	02	0	0	—	3.0	36	11	1
Central Sudan	751	WAD MEDANI											
	801	RENK	360	9	35	02	1	3	Ci	4.1	35	12	2
	802	ROSEIRES	90	9	35	02	0	2	Ci	4.2	35	13	3
	771	EL OBEID	40	8	30	01	1	1	—	4.1	33	6	-10
	760	EL FASHER	40	7	30	02	0	1	Ci		31	8	-7
	770	GENEINA											
S. Sudan	840	MALAKAL	360	15	30	03	2	8	ac,cs		36	7	-5
	880	WAU	360	5	30	02	2	8	ac	5.1	35	9	-2
	941	JUBA	360	9	30	03	2	8			37	13	5

At 1800 on Wednesday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	00	0	15	00	0	0	—	8.9	17	68	11	0
SIDI BARANI	360	5	13	02	0	0	—	9.3	16	82	13	0
MATRUH	360	9	14	02	0	0	—	10.0	16	77	12	0
EL DABA												
ALEXANDRIA	360	16	35	03	1	2	sc,cu	9.9	17	77	13	0
FOUAD (Airport)	330	11	14	02	0	0	—	9.7	17	83	14	0
DAMIETTA	320	2	7	02	0	0	—	9.1	18	88	16	0
PORT SA'ID	330	10	15	01	0	0	—	9.9	19	78	15	0
EL 'ARISH	320	2	15	02	0	0	—	10.0	20	56	11	0
DAMANHUR	270	5	15	02	0	0	—	10.2	17	77	13	0
MANSURA	360	5		00	0	0	—	9.6	19	64	12	0
TANTA	00	0	35	01	1	3	cu,sc	9.9	17	77	13	0
ZAGAZIG	320	1	35	02	0	0	—	9.6	22	50	11	0
ISMA'ILIA	290	2	35	02	0	0	—	9.9	22	44	9	0
FAROUK (Airport)	220	19	11	00	1	0	—	9.6	24	47	12	0
ALMAZA	190	13	12	00	0	0	—	9.1	24	34	7	0
EZBEKIYA	00	0	12	00	0	0	—	9.0	22	47	10	0
GIZA	00	0	12	00	0	0	—	9.2	22	44	9	0
HELWAN	180	5	15	02	0	0	—	9.2	23	32	5	0
FAIYUM	00	0	35	02	0	0	—	10.0	22	44	9	0
MINYA	110	2	10	00	0	0	—	10.3	20	53	10	0
ASYUT MANQABAD	00	0	10	00	0	0	—	10.5	23	32	5	0
NAG' HAMMADI	00	0	15	00	0	0	—	11.9	21	57	12	0
QENA	360	2	7	00	0	0	—	9.4	23	44	10	0
LUXOR	00	0	12	00	0	0	—	9.5	23	27	3	0
ASWAN	00	0	50	00	0	0	—	9.8	25	34	8	0
SIWA												
BAHARIYA	270	2	15	02	1	3	ac	11.2	22	36	6	0
FARAFRA	220	1	35	03	1	4	ac	11.2	24	38	9	0
DAKHLA	00	0	50	00	0	0	—	11.9	22			0
KHARGA	00	0	15	00	0	0	—	11.6	23	18	-3	0
SUEZ	180	2	35	02	0	0	—	10.0	24	32	6	0
TOR	00	0	15	00	0	0	—	10.4	20	64	13	0
HURGHADA	100	3	10	00	0	0	—	9.2	21	65	14	0
QUSEIR	20	5	15	01	0	0	—	9.4	22	83	19	0
PORT SUDAN	340	5	30	02	0	0	—	7.1	25	74	20	0
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM	350	7	30	02	0	0	—	6.5	27	16	-1	0
KASSALA	340	2	30	02	0	0	—	6.4	24	28	4	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	2		01	1	2	Ci	6.5	25	14	-5	0
EL FASHER	80	6	30	03	1	7	cs		27	13	-4	0
GENEINA	10	6	30	03	2	7	cs		28	10	-6	0
MALAKAL												
WAU												
JUBA												

At 0600 on Thursday 22nd March

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	220	9	15	00	0	0	—	10.4	-5.5	14	23	+1	11	0	88	12	0	84	
SIDI BARANI	280	5	14	00	0	0	—	9.8		13	20		10		95	13	0	98	
MATRUH	260	8	14	02	0	0	—	10.9	-5.4	14	21		10		82	11	0	Rain	
EL DABA																			
ALEXANDRIA	180	4	50	03	2	3	cu	10.8	-4.8	18	22	0	14	+1	73	13	0	55	178
FOUAD (Airport)	220	5	12	42	4	3	Ci	10.8		17	24		12		83	14	0	54	136
DAMIETTA	290	2	7	03	1	4	ac	11.4	-4.1	16	28	+8	12	+1	88	14	0	Rain	98
PORT SA'ID	350	1	14	01	1	7	ac,cs	10.0	-4.7	18	28		16		83	15	0	17	
EL 'ARISH											28	+6							81
DAMANHUR	310	5		02	1	1	Ci	11.9	-4.0	15	27	+3	11	+1	88	13	0	29	91
MANSURA	360	5		48	4	6	ac	11.5	-4.3	15	31	+7	13	+3	88	13	0	29	46
TANTA	00	0	35	03	2	7	cu,sc	12.2	-4.1	15	30	+5	11	+2	88	13	0	22	34
ZAGAZIG	00	0		28	4	4	Ci	10.8	-5.0	14	30	+5	12	+3	88	12	0	16	24
ISMA'ILIA	290	2	35	03	2	8	ac	11.2		17	29		14		77	13	0	17	
FAROUK (Airport)	50	7	10	03	2	7	ac,Ci	10.7		15	29		12		88	13	0	Rain	
ALMAZA	350	2	14	03	1	7	Ci	10.6	-5.4	18	29		13		73	13	0	12	
EZBEKIYA	350	4	12	02	1	6	Ci	10.8	-5.2	18	30	+5	14	+3	73	13	0	10	21
GIZA	350	4	12	02	1	6	Ci	11.2	-5.1	16	30	+5	11	+2	77	12	0	10	21
HELWAN	00	0	3	06	2	7	Ci	11.1	-4.8	17	28	+3	14	+2	49	6	0	12	23
FAIYUM	00	0	35	03	2	6	Ci	11.5	-4.6	17	30	+4	13	+3	60	9	0	8	7
MINYA	170	5	8	02	2	3	Ci	11.2	-5.0	19	30		13		43	6	0	3	
ASYUT MANQABAD	90	3	8	10	0	6	Ci	11.8	-3.9	21	29				38	6	0	dr.	
NAG' HAMMADI	00	0	7	01	0	4	Sc	11.3	-3.8	22	31	+4	16	+4	57	13	0	0.1	
QENA	270	1	15	03	1	5	Cu	11.8	-2.7	21	33	+1	15	+3	41	7	0	0	
LUXOR	00	0	30	03	2	3	Ci	11.5	-3.3	20	33		13		41	6	0	0	
ASWAN	00	0	50	00	0	0	—	12.2	-2.2	22	31	-1	16	0	36	6	0	0	
SIWA																			7
BAHARIYA	00	0	35	02	1	3	ac	11.9	-4.7	22	31	+5	14	+4	44	9	0	0	7
FARAFRA	00	0	35	03	2	7	cs	12.3		18	31		13		52	8	0	dr.	
DAKHLA	360	1	50	00	0	2	Ci	13.3	-2.6	15	30	+1	11	0	68	9	0	0	
KHARGA	00	0	35	03	1	4	sc	11.6	-3.7	20	30	0	12	0	41	6	0	0	
SUEZ	360	3	50	00	0	0	—	10.8	-5.0	19	29	+4	16	+3	46	7	0	0.3	14
TOR	20	2	7	00	0	0	—	10.8	-3.4	22	28	+3	14	+1	33	5	0	4	13
HURGHADA	250	2	30	03	0	7	Ci	10.2	-4.0	23	27		18		34	6	0	0	
QUSEIR	330	5	15	00	0	4	Ci	11.3	-2.5	21			19	+2	50	10	0	dr.	4
PORT SUDAN	00	0	30	02	0	1	sc,Ci	10.4		20	28		18		83	17	0	152	85
WADI HALFA																			
ABU HAMAD																			
KAREIMA	50	4	30	02	0	0	—	10.4		21	32		16		29	2	0	dr.	1
'ATBARA	340	5	30	03	1	3	cs	9.0		23	33		16		27	3	0	0.3	2
KHARTUM	10	5	30	02	1	4	Ci	9.4		21	33		15		29	2	0	dr.	4
KASSALA											37								8
WAD MEDANI	50	9	35	02	1	3	cc	8.7		22	35		13		19	-3	0	46	12
RENK																			49
ROSEIRES																			38
EL OBEID	30	12	30	03	0	7	ac,cs	9.4		22	33		14		38	7	0	6	16
EL FASHER	20	2	30	01	1	2	Ci			19	34		13		21	-4	0	6	6
GENEINA	50	9	30	03	0	2	cs			21	35				23	-1	0		4
MALAKAL																			92
WAU	00	0	30	03	1	6	ac	69		25	36		22		37	10	0.6	145	165
JUBA																			182

HUMIDITY %

Mean of day

Station	on 21st	Diff. from normal
Alexandria	55	-10
Ezbeklya	51	-8
Giza	52	-10
Helwân	42	-3

GIZA GRASS MINIMUM TEMP. ON 22nd 8.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT, On 21st At 17h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	25	26	320	8
950					
900					
850	1473	13	36	270	23
800					
700	3062	-1	60	290	28
600					
500	5696	-15		300	28
400	7336	-29		290	36
300	9339	-42		290	47

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Helwan Obs AIRPORT, On 21st At 9h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	160	20	78	190	12
950					
900					
850	1530	12	77	250	3
800					
700	3135	0	69	270	16
600	4352	-7		290	22
500	5749	-17		310	19
400	7383	-27		300	34
300	9995	-40		290	31

UPPER WIND OBSERVATIONS on 21st

Station	Farouk		Fouad		S. Barrani																Fouad		Port Said		Minya	
Time	17		14		14																20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	17	310	12	320	17															310	9	290	16	220	9
600	230	21	260	23	320	24															300	10	220	14	260	9
1000	250	22	250	24	300	23															310	14	260	12	260	8
1500	290	23	260	26	290	27																	250	17	290	11
2000	300	23	240	30	270	34																	220	23	290	18
3000	290	28																								
4000																										
5000	300	26																								
6000	310	35																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time							3						2										3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							50	5					220	8									20	8
600							80	9					240	13									330	6
1000							340	5					250	12									220	13
1500							80	14					260	10										
2000							50	4																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4				4		4		4		4 30				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									20	11														
600									30	23			50	13	20	17	50	9					20	28
1000									40	15			50	17	40	13	40	17	30	25			20	29
1500									70	13			50	6	50	6	30	11	110	3			360	20
2000																	190	6	330	12				
3000															270	5	210	13	290	18			180	7
4000															260	10			260	22				
5000																								
6000																								
7000																								
8000																								

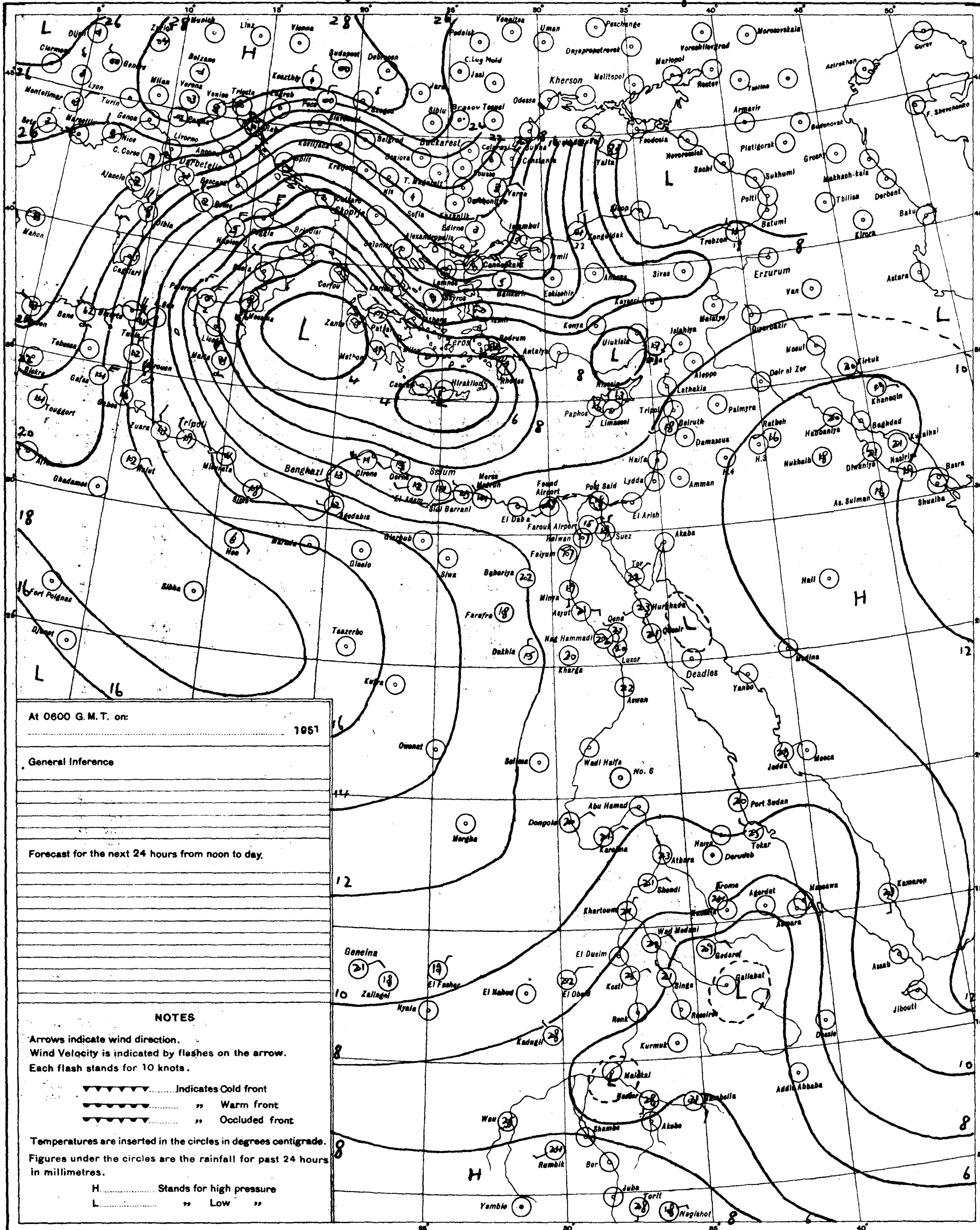
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 22-3-1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless........00
Clouds dissolving........01
State of sky generally unchanged........02
Clouds developing........03
Visibility more than 1000 metres:
- Visibility reduced by smoke........04
- Dry haze........05
- Dust in the air........06
- ,, or sand raised by wind........07
- Dust devil........08
- Duststorm or sandstorm within sight or at station during last hour........09
- Mist........10
- Shallow fog........12

Lightning, no thunder heard........13
Precipitation within sight........16
Thunder, no precipitation........17
During past hour and not at time of observation:
- Squalls........18
- Drizzle........20
- Rain........21
- Showers of rain........25
- ,, ,, hail........27
- Fog........28
- Thunderstorm........29

Duststorm or Sandstorm........31
Fog........45
Drizzle........50
Rain........60
Showers of rain........80
,, ,, hail........87
Rain } Thunderstorm during........91
Hail } the past hour........93
Thunderstorm with rain........95
,, ,, hail........96
,, ,, Sandstorm........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds........0
Some clouds........1
Mainly overcast........2
Sandstorm or Duststorm........3
Fog or thick dusthaze (*vis less than 1000 m.*)........4
Drizzle........5
Rain........6
Snow or rain and snow........7
Showers of rain........8
Thunderstorm with or without rain........9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless........0
1/8 of sky coverd or trace of cloud........1
2/8 th ,, ,, ,,........2
3/8 ,, ,, ,, ,,........3
4/8 ,, ,, ,, ,,........4
5/8 ,, ,, ,, ,,........5
6/8 ,, ,, ,, ,,........6
7/8 ,, ,, ,, ,,........7
Sky completely covered........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness........9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 57 G. M. T.

" " Sunset 16 08 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F

DAILY WEATHER REPORT

Date: Friday 23rd March, 1951

At 1200 on Thursday 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	270	13	15	07	1	4	Cu, Ci	8.6	24	26	3
	303	SÎDI BARÂNI	310	15	15	07	0	1	Ci	8.7	22	41	8
	306	MATRÛH	50	3	14	03	0	2	Ci	9.5	22	44	9
	309	EL DABA	40	5	35	00	0	0	—	10.0	21	50	10
		ALEXANDRIA	330	11	50	00	0	0	—	11.1	20	64	13
	318	FOUAD (Airport)	320	13	18	02	1	0	—	10.8	20	60	12
	330	DAMIETTA	360	5	35	00	0	0	—	11.2	20	73	15
	333	PORT SA'ÎD	360	12	30	02	0	1	Cu, Ci	9.8	21	74	16
	336	EL 'ARISH	360	4	30	01	2	4	Cc	9.1	21	69	15
LOWER EGYPT	339	DAMANHUR	270	9	15	02	1	1	Cu	11.9	25	42	11
	342	MANSURA	220	5	35	00	1	0	—	11.2	25	48	13
	348	TANTA	220	2	35	01	1	3	Cu, Sc	11.9	27	37	11
	354	ZAGAZIG	320	1	50	02	1	0	—	10.7	27	37	11
	440	ISMA'ÎLÎA	340	2	35	01	1	3	Ci	9.5	28	27	7
CAIRO AREA	366	FAROUK (Airport)	290	13	18	03	1	2	Cu, Ci	10.8	25	54	15
	372	ALMÂZA	350	8	15	00	0	0	—	9.6	25	34	8
		EZBEKÎYA	350	16	18	00	0	0	—	10.0	26	37	10
		GÎZA	350	16	18	00	0	0	—	10.4	26	37	10
	378	HELWÂN	220	4	15	02	1	2	Ci	9.6	28	27	7
UPPER EGYPT	381	FAIYÛM	360	5	35	01	1	3	Ci	10.7	28	33	10
	387	MINYA	00	0	10	02	2	6	Ci	10.2	31	19	5
	393	ASYÛT MANQABÂD	350	5	30	01	2	5	Ci	9.7	30	16	1
	399	NAG' HAMMÂDI	00	0	15	01	1	6	Cb	9.1	31	22	7
	402	QENA	130	2	50	02	1	3	Cu	9.3	34	14	3
	405	LUXOR	40	3	30	02	1	2	Cc	9.6	31	12	-1
	414	ASWÂN	00	0	50	01	1	2	Cc	8.5	30	11	-4
OASES	417	SÎWA											
	420	BAHARÎYA	270	3	35	02	1	3	Ac	10.2	29	23	6
	423	FARAFRA	270	2	35	02	2	7	—	11.1	29	40	14
	432	DAKHLA	320	3	50	00	0	0	—	11.1	31		
	435	KHARGA	00	0	35	03	1	4	Sc	10.1	32	15	2
RED SEA	450	SUEZ	00	0	50	02	0	4	Cu, Ci	8.8	27	33	9
	459	TÛR	180	2	15	00	0	0	—	9.6	27	52	16
	462	HURGHÂDA	40	4	30	02	2	7	Cs	9.3	26	51	15
	465	QUSEIR	90	9	15	01	1	3	Ci	9.7	26	70	20
	641	PORT SÛDÂN	60	13	30	02	0	1	Cu, Ci	8.7	28	58	19
NORTH SÛDÂN	600	WÂDI HALFA	360	7	50	01	0	1	Cs	8.0	32	13	0
	640	ABU HAMAD	180	1	30	03	0	1	Ci		33	15	3
	660	KAREIMA	30	5	30	03	0	6	Cs	6.3	33	10	-2
	680	'ATBARA	360	9	30	03	1	2	Ci	4.5	33	14	2
	721	KHARTÛM	300	7	30	03	1	5	Ci	4.1	33	13	1
	780	KASSALA	360	13	30	03	0	2	Ci	1.6	38	13	5
CENTRAL SÛDÂN	751	WÂD MEDANI	230	9	35	02	1	4	Ci	2.8	35	10	-1
	801	RENK	360	9	35	02	0	2	Ci	3.9	37	13	5
	802	ROSEIRES	270	9	35	02	0	0	—	2.3	36	12	2
	771	EL OBEID	10	5	30	02	2	8	Ac, Cs	3.8			
	760	EL FÂSHER											
	770	GENEINA	130	2	30	03	2	7	Cs		33	13	1
S. SÛDÂN	840	MALAKÂL	360	10	30	03	1	4	Ac	1.9	38		
	880	WÂU	50	5	30	02	2	8	Ac	2.5	37	11	2
	941	JUBA	90	5	30	03	1	6	Ac, Cs	0.8	37	13	5

At 1800 on Thursday 22nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	270	9	15	50	3	4	Cb	9.4				dr.
SÎDI BARÂNI	00	0	13	03	1	6	Ac	9.2	17	83	14	0
MATRÛH	150	6	15	03	0	3	Ci	10.4	15	72	10	0
EL DABA	360	6	7	00	0	0	—	10.0	17	77	13	0
ALEXANDRIA	40	3	35	03	1	3	Cu	10.6	17	77	13	0
FOUAD (Airport)	40	5	12	02	0	0	—	10.6	16	77	12	0
DAMIETTA	20	5	7	00	0	0	—	11.2	18	83	15	0
PORT SA'ÎD	20	13	18	02	0	0	—	10.7	18	83	15	0
EL 'ARISH	40	5	15	01	0	1	Cu	11.2	18	83	15	0
DAMANHUR	270	9	7	02	0	0	—	12.0	16	77	12	0
MANSURA	20	5		00	0	0	—	12.4	15	88	13	0
TANTA	270	2	35	01	1	3	Cu, Sc	12.3	17	88	15	0
ZAGAZIG	40	2	35	02	0	0	—	11.8	19	73	14	0
ISMA'ÎLÎA	20	9	35	02	0	0	—	12.0	19	73	14	0
FAROUK (Airport)	40	5	12	00	0	0	—	11.2	22	61	14	0
ALMÂZA	60	5	12	00	0	0	—	10.7	22	44	9	0
EZBEKÎYA	00	0	12	00	0	0	—	11.0	22	44	9	
GÎZA	00	0	12	00	0	0	—	11.4	22	44	9	0
HELWÂN	360	12	7	02	0	0	—	10.4	23	32	5	0
FAIYÛM	00	0	35	01	0	0	—	10.7	21	57	12	0
MINYA	00	0	8	02	1	3	Ci	10.8	22	44	9	0
ASYÛT MANQABÂD	00	0	10	02	1	2	Ci	10.3	24	32	6	0
NAG' HAMMÂDI	00	0	7	01	1	6	Ci	11.2	21	50	10	0
QENA	290	2	7	02	1	3	Cu	10.3	26	30	7	0
LUXOR	00	0	12	03	2	4	Ci	9.4	25	22	2	0
ASWÂN	00	0	50	00	0	0	—	9.8	25	22	2	0
SÎWA												
BAHARÎYA	00	0	15	02	1	0	—	12.0	22	36	6	0
FARAFRA	270	1	15	02	2	2	Ci	11.0	21	50	10	0
DAKHLA	00	0	50	00	0	3	Ci	10.3	28			0
KHARGA	00	0	15	01	1	2	Sc	11.6	26	14	-5	0
SUEZ	310	4	35	01	0	0	—	10.2	22	44	9	0
TÛR	130	9		00	0	0	—	8.8	23	83	20	0
HURGHÂDA	130	8	10	01	2	6	Ac	9.3	21	83	18	0
QUSEIR	40	5	15	02	1	3	Ci	9.3	23	83	20	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA	340	2	30	03	1	5	Cs	6.5	27	23	4	0
'ATBARA	360	2	30	03	2	6	Cs	5.3	28	19	2	0
KHARTÛM	340	6	30	01	1	2	Ci	5.3	28	11	-5	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	03	1	7	Cs	5.7	26	12	-6	0
EL FÂSHER	90	4	30	03	1	7	Cs		27	19	1	0
GENEINA	00	0	30	01	2	4	Ci		29	19	3	0
MALAKÂL	20	3	30	03	1	6	Ac, Cs	3.5	30	16	1	0
WÂU												
JUBA	00	0	30	01	1	1	Ac	2.6	31	22	7	0

At 0600 on Friday 23rd March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	13	15	21	6	8	Ac	11.2	-4.6	13	25	+3	11	0	67	7	3	87	
SÎDI BARÂNI	350	12	18	02	2	3	Ac	11.0		16	22		12		68	10	0	98	
MATRÛH	300	16	14	03	2	7	Cu, Ci	11.9	-4.3	16	24		11		59	8	0	Rain	
EL DABA	160	6	15	01	1	3	Cu	10.6		16	22		10		77	12	0	54	
ALEXANDRIA	130	13	50	00	0	0	—	11.9	-3.7	17	21	-1	14	+1	77	13	0	55	178
FOUAD (Airport)	120	11	18	01	0	0	—	11.8		17	23		14		83	14	0	55	136
DAMIETTA	110	5	7	00	0	0	—	11.7	-3.8	19	23	+3	12		88	17	0	Rain	99
PORT SA'ÎD	80	13	14	02	0	0	—	11.7	-3.0	19	22		17		83	16	0	17	
EL 'ARISH	140	2	35	01	0	0	—			20	23	+1	12	+1	73	15	0	Rain	82
DAMANHÛR	360	9		02	0	0	—	11.9	-3.9	15	25	+1	11	+1	88	13	0	29	91
MANSÛRA	40	9	35	00	0	0	—	12.0	-3.7	18	28	+4	13	+3	83	15	0	29	46
TANTA	90	2	35	02	0	0	—	12.0	-4.2	17	27	+2	11	+2	77	13	0	22	34
ZAGAZIG	320	1	35	02	0	0	—	11.8	-4.0	17	30	+5	13	+4	77	13	0	16	24
ISMA'ÎLÎA	90	2	35	02	0	0	—	12.3		20	29		14		56	11	0	17	
FAROUK (Airport)	290	2	12	02	1	1	Cs	11.6		20	27		14		60	12	0	Rain	
ALMÂZA	00	0	12	02	1	3	Cc	11.5	-4.4	18	27		13		73	13	0	12	
EZBEKÎYA	310	4	12	00	0	0	—	12.2	-3.7	17	27	+2	13	+2	72	12	0	10	22
GÎZA	310	4	12	00	0	0	—	12.0	-4.3	17	28	+3	10	+1	77	13	0	10	21
HELWÂN	00	0	7	03	1	2	Ci	11.6	-4.2	18	29	+4	13	+1	60	10	0	12	23
FAIYÛM	00	0	35	01	0	4	St	12.8	-3.3	19	30	+4	12	+2	64	12	0	8	7
MINYA	00	0	8	02	1	3	Ci	12.2	-3.9	18	31		10		52	8	0	3	
ASYÛT MANQABÂD	110	3	8	10	0	5	Ci	11.5	-4.1	20	32		16		38	5	0	dr	
NAG' HAMMÂDI	00	0	7	01	1	5	Ac	11.7	-3.3	22	34	+6	12	+2	44	9	0	0.1	
QENA	320	1	15	03	1	5	Cu	11.2	-3.3	25	35	+3	15	+2	28	5	0	0	
LUXOR	60	2	30	01	2	6	Cs	11.5	-3.3	21	34		14		38	6	0	0	
ASWÂN	00	0	50	01	1	5	Ci	10.8	-3.4	22	31	-1	18	+2	20	-2	0	0	
SÎWA																			7
BAHARÎYA	00	0	35	02	1	4	Ac	11.6	-4.9	20	30	+4	11	+1	46	8	0	0	7
FARAFRA	220	1	35	02	2	4	Ci	11.0		15	30		9		59	7	0	dr	
DAKHLA	00	0	50	03	0	7	Ci	12.0	-3.8	19	33	+4	14	+3	64	12	0	0	
KHARGA	00	0	35	03	1	5	Sc	11.6	-3.6	24	33	+3	16	+4	32	6	0	0	
SUEZ	00	0	35	00	0	2	Ci	11.9	-3.9	18	30	+5	13	0	73	13	0	0.3	14
TÛR	00	0	35	00	0	0	—	11.8	-3.3	21	28	+3	15	+1	41	7	0	4	13
HURGHADA	300	10	30	03	1	7	Cc	11.0	-3.1	22	27		16		69	16	0	0	
QUSEIR	330	5	15	00	1	6	Ac, Ci	11.5	-2.2	22			18	+1	36	6	0	dr	4
PORT SÛDÂN																			95
WÂDI HALFA	00	0	12	00	0	6	Ac, Ci	10.7		19	34		16		28	0	0	dr	
ABU HAMAD											35								
KAREIMA	20	1	30	02	1	4	Ac, Ci	9.2		22	34		17		33	5	0	dr	1
'ATBARA	30	9	30	02	2	7	Cs	8.2		24	34		18		38	9	0	0.3	2
KHARTÛM	20	7	30	03	1	7	Ac, Cs	8.3		23	35		17		27	3	0	dr	4
KASSALA	300	2	30	02	1	1	Ac, Ci	7.3		25	39		17		45	12	0	3	8
WÂD MEDANI	50	9	35	02	2	8	Ci	8.2		25	36		15		30	6	0	46	12
RENK	360	13	35	02	0	3	Ci	9.3		29	38		18		23	6	0	0	49
ROSEIRES	360	5	35	02	0		Ci	9.4					17			5	0	0	38
EL OBEID											35								16
EL FÂSHER	330	4	30	03	1	7	Ac			18	35		14		20	-5	0	6	6
GENEINA	80	2	30	02	2	7	Ac			18	36		15		24	-3	0	0	4
MALAKÂL	20	8	30	02	1	5	Ac, Ci	7.3		27	39		21		12	-4	0	70	92
WÂU	250	5	30	02	2	8	Ac, Ci	7.7		28	37		23		58	19	0	145	166
JUBA	180	9	30	02	2	8	Ac, Ci	8.8		27	38		24		62	19	0	201	183

HUMIDITY % Mean of day

Station	on 22nd	Diff. from normal
Alexandria	75	+10
Ezbeklya	52	-7
Gîza	59	-3
Helwân	43	-2

GÎZA GRASS MINIMUM TEMP. ON 23rd 7.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 22nd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	26	35	340	9
850					
900					
850	1477	14	42	220	16
800					
700	3084	3	30	270	29
600					
500	5716	-16		280	35
400	7356	-29		280	39
300	9359	-42		280	69

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Height m.	Farouk Dir.	Farouk Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	El Arish Dir.	El Arish Vel.	Port Said Dir.	Port Said Vel.	Fouad Dir.	Fouad Vel.
Time	15		14		14		13	45	14		14	
300	350	10	270	7	320	6	360	18	110	7	330	11
600	340	9	250	11	280	6	360	11	100	4	250	13
1000	310	4	280	10	270	6	200	6	340	5	220	10
1500	220	16	280		240	6			360	5	220	16
2000	250	19			270	12			330	27	210	17
3000	270	29			280	12			340	21		
4000					270	21			350			
5000	280	32										
6000	280	32										
7000												
8000												

Height m.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Kharga Dir.	Kharga Vel.	S. Barani Dir.	S. Barani Vel.	Farouk Dir.	Farouk Vel.	Fouad Dir.	Fouad Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		20		20		20	
300	80	11	320	13	60	4	240	15	60	17	70	18	80	10
600	70	8	280	9	70	4	310	23	80	16	70	3	00	0
1000	100	6	290	10	100	6	270	25	200	3	250	10	90	4
1500			240	12	100	8	210	17	210	12			270	10
2000			240	21			240	23						
3000			230	26										
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 23rd

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Station																								
Time	8				3		3		8				8		8		4						8	
300	260	16			120	28	90	20	110	14			130	8	120	10	40	9					210	7
600	280	25			110	28	80	20	90	19			120	7	120	17	40	11					190	11
1000	270	29			130	29	100	16	150	11			140	9	110	15	40	18					200	16
1500	220	16			130	23	140	5	180	16			180	12	150	9	40	15					210	26
2000					240	7	170	10	210	22			210	14	160	4							220	20
3000							140	4							290	12								
4000															250	13								
5000															240	26								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahârîya Dir.	Bahârîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassâla Dir.	Kassâla Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Station																								
Time			8		8		8																	
300			120	13	130	8	80	7																
600			120	11	130	14	100	15																
1000			130	14	140	25	100	11																
1500			150	21	150	23	100	5																
2000							60	7																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

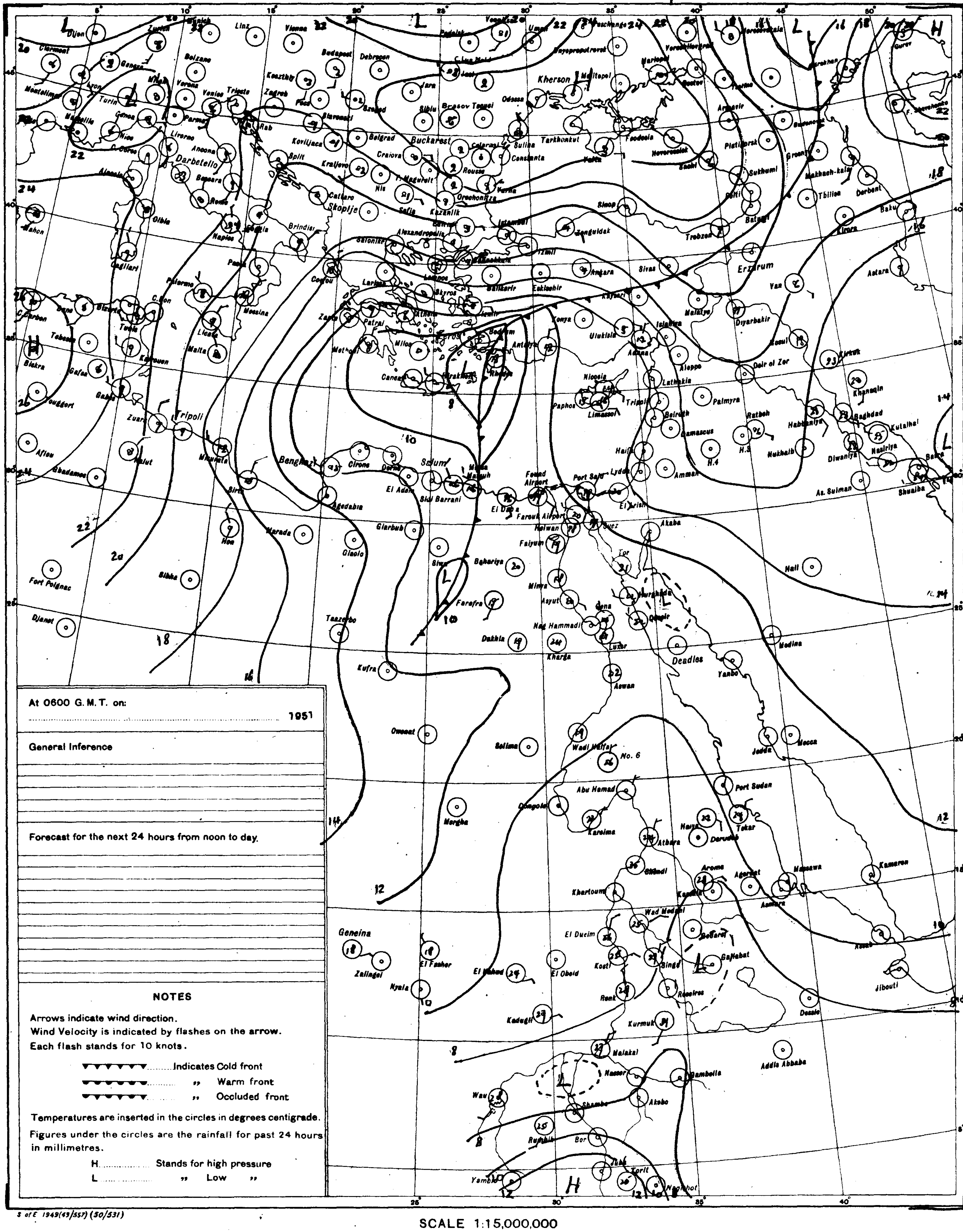
Printed by the Survey of Egypt 1949 (49/552)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 23-3 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H........ Stands for high pressure
L........ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 55 G. M. T.

" " Sunset 16 08 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 24th March, 1951

LIBRARY MAY 24 1951 METEOROLOGICAL DEPARTMENT

At 1200 on Friday 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	220	13	35	21	5	8	ac	10.7	15	68	9
	303	SÎDI BARÂNI	240	17	14	02	2	8	ac	11.1	18	46	6
	306	MATRÛH	350	19	14	01	8	5	ci, ac	11.7	18	52	8
	309	EL DABA	320	8	35	03	2	6	sc	10.9	21	50	10
		ALEXANDRIA	360	8	50	03	1	4	cu	10.6	27	27	6
	318	FOUAD (Airport)	220	4	18	03	0	4	ac	10.9	28	42	14
	330	DAMIETTA	40	5	35	00	0	0	—	10.9	22	65	15
	333	PORT SA'ÎD	50	12	18	02	0	1	ci	10.2	20	88	18
	336	EL 'ARISH	20	9	18	02	0	1	ci	10.5	22	65	15
Lower Egypt	339	DAMANHUR	130	9	15	02	0	0	—	11.7	26	30	7
	342	MANSURA	140	5	35	00	0	0	—	11.1	29	29	9
	348	TANTA	180	5	35	01	1	3	cu, sc	11.4	30	21	5
	354	ZAGAZIG	220	3	50	02	0	0	—	10.4	30	31	11
	440	ISMA'ÎLIA	250	5	35	03	1	4	ci	10.3	32	20	6
Cairo Area	366	FAROUK (Airport)	200	14	30	03	1	3	cu, ci	10.7	30	16	1
	372	ALMAZA	180	13	18	03	1	4	sc, cs	9.9	30	21	5
		EZBEKÎYA	180	8	18	02	1	3	ac, ci	9.5	31	19	5
		GÎZA	180	8	18	02	1	3	ac, ci	10.4	32	20	6
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	5	35	02	1	4	st	10.7	31	22	7
	387	MINYA	140	7	10	02	1	3	ci	10.1	32	18	5
	393	ASYÛT MANQABÂD	00	0	18	02	1	4	ci	9.2	34	18	6
	399	NAG' HAMMÂDI	00	0	15	01	1	4	sc, cu	10.7	31	22	7
	402	QENA	130	2	35	02	1	3	cu	10.0	33	21	8
	405	LUXOR	350	6	30	03	2	7	cs	9.5	32	9	5
	414	ASWÂN	00	0	50	01	1	4	ci	10.2	33	8	5
Oases	417	SÎWA											
	420	BAHARÎYA	180	4	35	03	1	4	ac	9.8	32	20	6
	423	FARAFRA	180	8	7		2	4	ci	8.8	33	32	14
	432	DAKHLA	160	8	50	00	0	7	cc	9.9	32		
	435	KHARGA	00	0	35	03	1	6	sc	9.6	34	18	6
Red Sea	450	SUEZ	180	3	50	03	0	4	cu, ci	10.0	28	27	7
	459	TÛR											
	462	HURGHÂDA	40	3	30	02	2	7	cu, cs	10.3	27	58	18
	465	QUSEIR	40	9	15	03	2	4	ac	11.0?	25	84	22
	641	PORT SUDÂN	50	15	30	02	2	7	cu, cs	8.4	28	62	20
North Sudan	600	WÂDI HALFA	230	6	50	02	2	7	ac, cs	8.2	33	10	3
	640	ABU HAMAD	180	1	30	02	2	7	cs		34	14	3
	660	KAREIMA	70	3	30	03	1	8	cs	5.6	35	10	1
	680	'ATBARA	340	9	30	03	1	6	ac, cs	3.9	36	13	4
	721	KHARTÛM	00	0	30	01	2	3	ac, ci	4.2	36	15	6
	730	KASSALA	280	4	30	01	2	6	ci	1.5	39	14	7
Central Sudan	751	WÂD MEDANI											
	801	RENK	310	13	35	02	1	3	ci	5.0	39	11	3
	802	ROSEIRES											
	771	EL OBEID	40	9	30	01	2	6	ac, ci	3.4	35	6	9
	760	EL FÂSHER	160	3	30	03	2	8	ac, cs		34	6	9
	770	GENEINA	200	12	30	03	1	7	cu, ac		33	20	7
S Sudan	840	MALAKÂL	40	7	30	01	2	8	ac, cs	3.5	39	8	2
	880	WÂU	90	5	30	03	2	7	cu, cs	2.8	37	17	8
	941	JUBA	110	9	30	02	2	8	cu, sc	6.2	33	32	14

At 1800 on Friday 23rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALÛM	220	9	15	01	6	5	ac	10.2	14	77	10	2
303	SÎDI BARÂNI	200	9	13	01	6	3	ac	10.8	13	94	12	2
306	MATRÛH	330	6	14	01	8	1	cu, ac	11.4	15	59	7	dr.
309	EL DABA												
	ALEXANDRIA	360	22	35	01	2	3	sc, cu	11.6	17	77	13	0
318	FOUAD (Airport)	360	18	12	02	0	1	ac	11.8	17	72	12	0
330	DAMIETTA			7	02	0		cu	11.9	20			0
333	PORT SA'ÎD	70	13	14	02	0	1	ci	11.2	20	73	15	0
336	EL 'ARISH	40	2	15	02	0	1	cu	11.0	19	78	15	0
339	DAMANHUR	40	13	7	02	0	0	—	11.0	18	73	13	0
342	MANSURA	220	5		02	1	2	ac	11.5	20	73	15	0
348	TANTA	360	2	35	02	1	0	—	11.2	20	83	17	0
354	ZAGAZIG	40	3	35	02	0	0	—	10.9	22	65	15	0
440	ISMA'ÎLIA	20	5	35	01	0	0	—	11.2	22	65	15	0
366	FAROUK (Airport)	140	3	12	03	0	5	sc, ac	10.3	25	28	5	0
372	ALMAZA	150	9	12	03	1	4	sc, ci	9.7	26	30	7	0
	EZBEKÎYA	00	0	12	02	1	5	cu	9.5	23	41	9	0
	GÎZA	00	0	12	02	1	5	cu	10.0	23	44	10	0
378	HELWÂN	00	0	7	02	1	6	cu	9.8	26	18	0	0
381	FAIYÛM	170	2	35	01	1	3	st	9.8	24	38	9	0
387	MINYA	130	6	8	02	1	3	ci	9.2	22	44	9	0
393	ASYÛT MANQABÂD	180	2	10	02	1	3	ci	9.4	22			0
399	NAG' HAMMÂDI	00	0	7	01	0	3	cs	10.1	22	44	9	0
402	QENA	320	2	7	03	1	4	cb	10.8	23	24	1	0
405	LUXOR	00	0	12	03	2	6	cs	9.6	26	23	3	0
414	ASWÂN												
417	SÎWA												
420	BAHARÎYA												
423	FARAFRA	180	3	15	02	2	4	ci	7.9	25	42	11	0
432	DAKHLA												
435	KHARGA	00	0	15	01	2	4	sc	8.7	25	17	-2	0
450	SUEZ	00	0	15	01	0	2	ci	9.8	23	44	10	0
459	TÛR												
462	HURGHÂDA	140	5	12	02	2	7	cs	10.0	22	41	8	0
465	QUSEIR	90	5	15	03	2	8	ac	11.8	23	88	21	0
641	PORT SUDÂN	20	7	30	02	2	7	ac	11.1	27	66	20	0
600	WÂDI HALFA	340	4	30	01	2	6	ci	9.5	28	22	4	0
640	ABU HAMAD	00	0	30	02	2	7	cs		28	18	1	0
660	KAREIMA	340	4	30	03	2	8	cs	7.4	29	17	1	0
680	'ATBARA	360	9	30	01	2	8	cs	6.5	29	22	5	0
721	KHARTÛM	360	6	30	02	1	6	ac, cs	5.9	30	17	2	0
730	KASSALA	20	2	30	01	1	0	—	5.2	27	28	7	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	50	4	30	02	1	6	ac, cs	6.7	29	11	-4	0
760	EL FÂSHER	170	2	50	02	2	8	ac, cs		28	14	-2	0
770	GENEINA	180	6	30	00	6	8	ac		27	35	10	dr.
840	MALAKÂL	90	2	30	02	2	8	ac, cs	4.6	30	16	1	0
880	WÂU												
941	JUBA	130	2	30	01	2	7	ac, cs	6.5	29	49	17	0

At 0600 on Saturday 24th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	9	15	00	0	2	cb	10.2	-5.6	17	19	-3	8	-3	52	7	2	89	
SÎDI BARÂNI											19								
MATRÛH	260	8	14	03	2	7	ac, ci	10.4	-5.8	15	20		11		63	8	dr.	Rain	
EL DABA																			
ALEXANDRIA	360	13	50	02	5	6	cb, ac	9.4	-6.1	19	28	+6	15	+2	68	13	dr.	55	179
FOUAD (Airport)	340	11	18	02	2	7	st, ac	9.5		17	28		16		77	13	dr.	55	136
DAMIETTA	40	5	7	03	1	4	ac	7.6	-7.8	20	23	+3	17	+6	83	17	0	Rain	99
PORT SA'ÎD	50	8	12	03	0	1	ac, ci	7.0	-7.6	21	22		17	+3	74	16	0	17	
EL 'ARISH	220	2	35	02	0	1	cu	8.0	-7.6	24			13	+2	61	16	0	Rain	82
DAMANHUR	360	9	7	03	2	8	as	9.1	-6.6	18	29	+5	14	+4	83	15	0	29	91
MANSURA	90	5	35	00	0	0	—	7.8	-7.9	20	31	+7	15	+5	83	17	0	29	47
TANTA	220	2	15	03	2	6	As	8.5?	-7.6	17	30	+5	13	+4	88	15	0	22	34
ZAGAZIG	40	1	35	02	0	0	—	7.6	-8.1	17	30?	+5	12	+3	77	13	0	16	24
ISMA'ÎLIA	250	2	35	01	1	2	ac	8.7		20	33		15		64	13	0	17	
FAROUK (Airport)	130	5	15	02	1	4	sc, ci	9.0		19	30		14		68	13	0	Rain	
ALMAZA	140	6	10	05	1	3	ac, cs	8.0	-7.8	19	32		14		73	14	0	12	
EZBEKÎYA	270	8	12	02	1	3	ac, cs	7.9	-7.9	19	32	+6	15	+4	73	14	0	10	22
GÎZA	270	8	12	02	1	3	ac, cs	7.8	-8.4	18	32	+7	12	+3	88	16	0	10	21
HELWÂN	00	0	7	10	2	6	ac, ci	7.9	-7.8	17	31	+6	14	+2	77	13	0	12	23
FAIYÛM	360	4	35	03	1	4	As			17	33	+7	13	+2	88	15	0	8	7
MINYA	20	4	8	02	2	7	ac, ci	8.6	-7.4	17	33		12		68	11	0	3	
ASYÛT MANQABÂD	120	5	8	10	0	6	ac	7.8	-7.7	22	34		14		36	6	0	dr.	
NAG' HAMMÂDI	00	0		01	1	7	sc, ac	9.1	-5.8	20	33	+5	14	+4	64	13	0	0.1	
QENA	90	1	7	03	1	7	As	8.6	-5.8	21	34	+2	15	+2	33	4	0	0	
LUXOR	00	0	30	03	0	4	cs	9.6	-5.1	25	34		14		22	2	0	0	
ASWÂN																			
SÎWA																			7
BAHARÎYA																			7
FARAFRA											34								
DAKHLA																			
KHARGA	00	0	15	03	1	6	ac	9.6	-5.5	21	35	+5	16	+4	26	1	0	0	
SUEZ											30	+5							14
TÛR																			13
HURGHADA	00	0	30	02	2	7	ac	8.6	-5.4	23	28		16		38	8	0	0	
QUSEIR	180	5	15	00	2	8	As	9.9	-3.7	21			20	+3	74	16	0	dr.	4
PORT SUDÂN	320	3	30	02	2	7	cu, ac	10.6		26	29		22		66	19	0	152	95
WÂDI HALFA	140	2	50	02	2	8	ac	9.8		23	34		18		24	1	0	dr.	
ABU HAMAD	70	4	30	02	2	7	ac			26	36		22		37	10	0		
KAREIMA											36								1
'ATBARA											37								2
KHARTÛM	360	7	30	02	2	7	ac, ci	8.4		27	38		21		25	5	0	dr.	4
KASSALA	20	1	30	01	0	0	—	8.6		27	40		18		55	17	0	3	8
WÂD MEDANI																			12
RENK																			49
ROSEIRES	230	5	35	02	0	0	—	9.8		23	40		20		34	6	0	0	38
EL OBEID	70	6	30	01	1	5	ac	8.0		28	37		20		11	-5	0	6	16
EL FÂSHER											34								6
GENEINA	320	7	10	60	6	8	sc, ac			20	34		19		88	18	4		4
MALAKÂL											37								92
WÂU																			167
JUBA	180	5	30	03	1	7	ac	9.7		25	33		23		70	19	0	201	184

HUMIDITY

Mean of day

Station	on 23rd	Diff. from normal
Alexandria	86	+21
Ezbeklya	51	-8
Giza	56	-5
Helwân	36	-9

GÎZA

GRASS MINIMUM TEMP. ON 24th 8.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 23rd At 15½

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	30	17	240	10
950					
900					
850	1496	12	51	240	17
800					
700	3112	2	64	250	19
600					
500	5730	-17		230	12
400	7370	-28		270	55
300	9386	-39		260	81

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 23rd

Height m.	Matruh Dir.	Matruh Vel.	Luxor Dir. (14)	Luxor Vel. (15)	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	Farouk Dir.	Farouk Vel.	Hurghada Dir. (14 30)	Hurghada Vel.	Farouk Dir. (20)	Farouk Vel.
300	280	16	320	6	80	4	120	12	120	5	70	17	90	2	240	4	20	10	270	6
600	280	18	360	3	120	4	120	15	130	8	80	16	100	3	210	4	10	8	160	6
1000	270	14	40	1	140	7	130	13	140	10	50	12	90	3	220	5	340	8	190	13
1500	220	20	20	3	160	4	110	6	190	6	40	15	70	3	240	12	360	5	210	13
2000	190	38	10	9	210	5	240	11							230	22	200	6		
3000					270	6									250	19				
4000					300	12														
5000					160	23									250	26				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 24th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport (2) Dir.	Fouad Airport Vel.	Port Sa'îd (2) Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
300					330	10	100	7																
600							120	3																
1000							140	3																
1500							160	5																
2000							190	4																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm (4) Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl (4) Dir.	Malakâl Vel.
300																								
600															30	19							200	7
1000															30	18							170	17
1500															340	3							150	11
2000																								
3000																							50	7
4000																								
5000																							160	7
6000																								
7000																								
8000																								

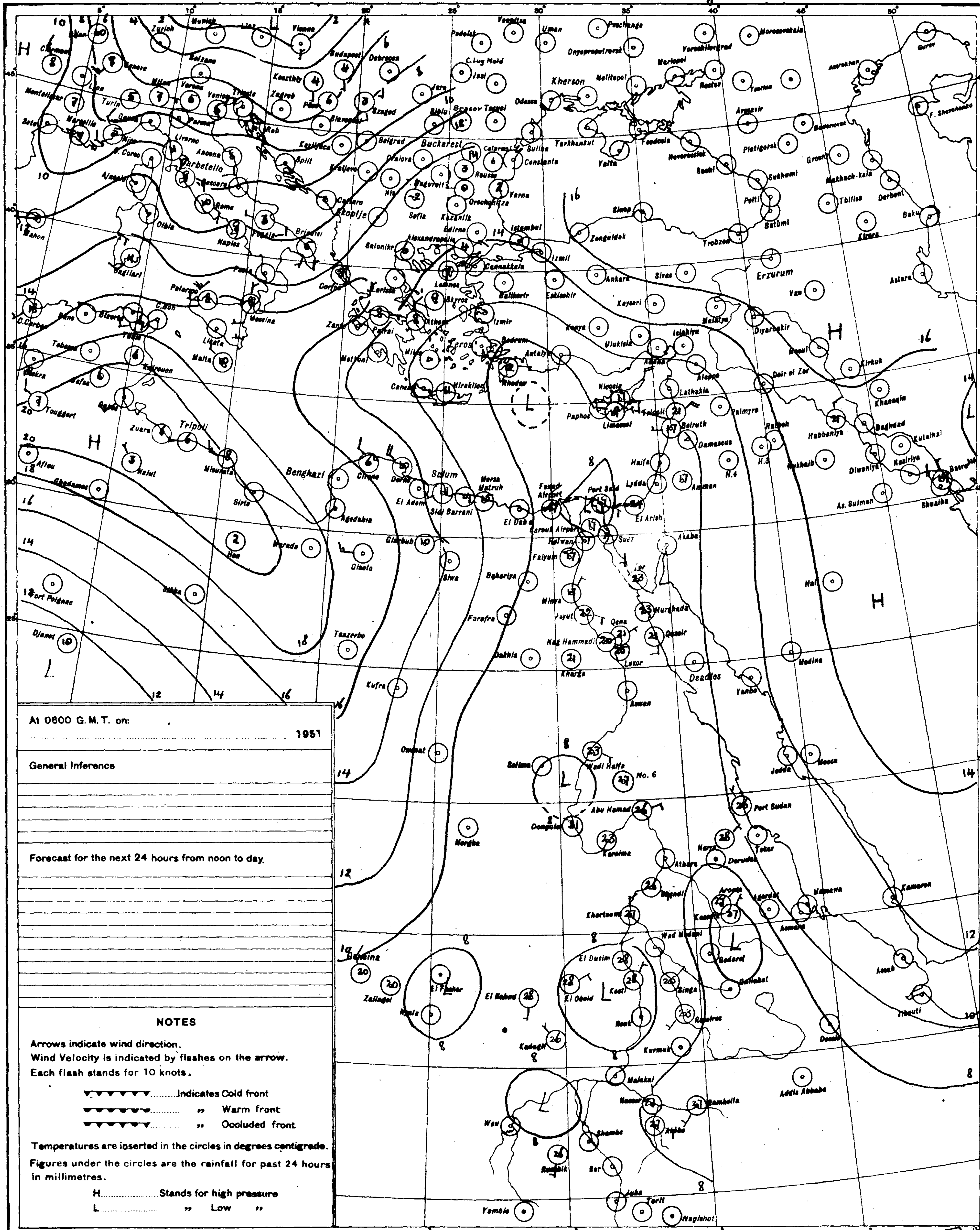
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/537) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Saturday 24/3/*1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 54 G. M. T.

" " Sunset 16 09 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Sunday 25th March, 1951

LIBRARY MAY 24 1951 METEOROLOGICAL DEPARTMENT

At 1200 on Saturday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	320	13	35	03	6	6	ch, ac	9.6	16	49	5
	303	SIDI BARANI	280	17	15	52	5	6	cu, as	8.8	15	52	5
	306	MATRUH	350	28	4	07	1	5	ch	8.6	18	43	5
	309	EL DABA											
		ALEXANDRIA	220	11	50	03	6	8	ch	9.8	15	77	11
	318	FOUAD (Airport)	220	5	12	62	2	8	ac, as	8.9	15	82	12
	330	DAMIETTA	320	5	7	03	2	8	sc	7.2	19	83	16
	333	PORT SA'ID	300	17	18	03	2	8	ac	5.6?	21	74	16
	336	EL 'ARISH	270	20	15	07	1	6	cu, ci	4.2	25?	54	15
Lower Egypt	339	DAMANHUR	310	13		50	5	8	sc, cu	9.8	16	88	14
	342	MANSURA	360	5	35	02	3	5	sc, cu	8.0	23	50	12
	348	TANTA	270	17	35	03	2	8	ns	8.7	22	44	9
	354	ZAGAZIG	220	3	35	03	2	5	cu	7.8	23	65	16
	440	ISMA'ILIA	250	9	35	03	2	8	ac	7.5	23	61	15
Cairo Area	366	FAROUK (Airport)	280	18	12	03	2	7	cu, ac	8.8	23	57	14
	372	ALMAZA	290	18	12	02	2	5	ac	7.9	23	61	15
		EZBEKIYA	310	20	18	02	1	6	st, ci	8.7	24	36	8
		GIZA	310	20	18	02	1	6	st, ci	9.0	24	38	9
	378	HELWAN	320	19	15	02	2	8	ac	7.6	23	44	10
Upper Egypt	381	FAIYUM	360	12	7	30	3	8	cu	9.8	24	38	9
	387	MINYA	330	17	8	02	2	7	ac	8.8	24	32	6
	393	ASYUT MANQABAD	270	12	14	02	2	8	ac	8.6	25	34	8
	399	NAG' HAMMADI	00	0		03	2	7	ac	6.3	31	31	12
	402	QENA	130	2	35	02	1	7	ns	6.4	33	16	4
	405	LUXOR	180	1	30	02	2	7	st	5.9	34	9	-3
	414	ASWAN	200	6	50	03	2	8	ns	6.8?	31	22	7
Oases	417	SIWA	280	19	11	06	1	4	cu	14.2	20	56	11
	420	BAHARIYA	270	6	35	02	2	8	ac	12.3	18	46	6
	423	FARAFRA	270	14	1.5	31	3	6	ac	14.0	20	83	17
	432	DAKHLA	320	15	35	00	0	8	ci	8.0	23	74	18
	435	KHARGA	320	11		02	2	8	as	9.5	24	32	6
Red Sea	450	SUEZ	180	5	50	03	0	8	sc	5.3	25	42	11
	459	TOR	180	2	15	03	2	7	cu, ac	6.2	27	55	17
	462	HURGHADA	70	11	30	02	2	7	st	5.4	25	70	19
	465	QUSEIR	180	9	15	02	2	8	ac	7.0	25	94	24
	641	PORT SUDAN	50	13	30	03	2	6	cu, ac	7.3	29	66	22
North Sudan	600	WADI HALFA	290	22	7	07	2	8	ac	7.2	35	7	-6
	640	ABU HAMAD	00	0	30	02	2	7	ac		34	20	8
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM	270	6	30	01	2	4	ac	4.1	37	16	7
	780	KASSALA	220	4	30	03	0	4	ac, ci	1.7	39	12	5
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	130	5	30	03	0	4	ac	2.9	38	10	1
	760	EL FASHER	360	8	30	02	1	6	cu, ac		34	19	7
	770	GENEINA	340	9	30	03	6	8	ac		38	22	13
S. Sudan	840	MALAKAL			30	03	2	7	cu, ac	4.1	37	24	13
	880	WAU	180	2	30	03	0	3	cu, ac	3.5	38	18	10
	941	JUBA	90	5	30	15	1	7	cb, ac	3.5	35	23	11

At 1800 on Saturday 24th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	290	5	15	01	5	3	As	10.7	12	77	8	1
303	SIDI BARANI												
306	MATRUH	320	20	4	25	8	6	ch	9.8	11	58	3	1
309	EL DABA												
	ALEXANDRIA	310	31	0.8	02	6	4	cu	9.0	15	68	9	2
318	FOUAD (Airport)	250	22	12	41	6	2	cu	8.5	16	56	7	2
330	DAMIETTA	200	5			21	6	7	cu	8.6	13	88	11	1
333	PORT SA'ID	240	22	8	09	2	8	ac	7.8	16	56	7	0
336	EL 'ARISH	290	29	0.1	30	3	9	—	8.9	18	78	14	0
339	DAMANHUR	230	9	7	02	5	2	cu	9.8	13	88	11	1
342	MANSURA	180	9		03	6	8	sc, cu	8.3	15	59	7	dr.
348	TANTA	220	5	35	03	6	6	cu, sc	10.2	14	88	12	1
354	ZAGAZIG	320	4	35	01	5	4	cu				9	Rain
440	ISMA'ILIA	110	5	35	21	6	8	as	10.0	15	68	9	dr.
366	FAROUK (Airport)	200	17	12	02	2	2	cu	11.0	15	59	7	0
372	ALMAZA	220	16	10	01	6	4	ac	10.2	16	59	8	0.3
	EZBEKIYA	220	6	12	01	5	0	—	10.3	16	64	9	1
	GIZA	220	6	12	01	5	0	—	11.0	15	59	7	0.5
378	HELWAN	160	8	7	02	6	8	st, ac	10.7	15	59	7	0.1
381	FAIYUM	00	0	35	01	3	3	ch	11.5	15	68	9	0
387	MINYA	290	1	8	02	2	4	ac	12.6	15	42	2	0
393	ASYUT MANQABAD	310	10	10	01	2	1	ac	12.9	15	52	5	0
399	NAG' HAMMADI	290	4	7	02	1	6	ac	11.2	20	46	8	0
402	QENA	270	3		02	1	7	ns	10.0	22	36	6	0
405	LUXOR												
414	ASWAN	350	6	50	02	1	4	ci	8.5	28	22	4	0
417	SIWA	280	12	8	01	2	2	sc, cu	13.5	17	60	9	0
420	BAHARIYA	320	3	15	01	2	4	ac	13.3	14	48	3	0
423	FARAFRA	290	2	7	02	3	0	—	14.6	14	48	3	0
432	DAKHLA	320	4	35	01	0	2	ci	13.3	20	73	15	0
435	KHARGA	320	1		01	1	3	ac	11.6	20	33	3	0
450	SUEZ	40	7	35	53	6	6	sc	11.2	18	77	11	5
459	TOR	310	24?		02	2	7	st	7.4	18	60	10	0
462	HURGHADA	140	13	12	02	2	7	ac	5.4	24	65	17	0
465	QUSEIR	180	13	15	02	2	8	ac	7.2	24	84	21	0
641	PORT SUDAN												
600	WADI HALFA												
640	ABU HAMAD												
660	KAREIMA												
680	'ATBARA												
721	KHARTUM												
780	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER												
770	GENEINA												
840	MALAKAL												
880	WAU												
941	JUBA												

At 0600 on Sunday 25th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	00	0	0	—	12.2	-3.5	11	17	-5	8	-3	77	7	1	90	
SIDI BARANI																			
MATRUH	280	20	10	02	8	6	ac	11.8	-4.3	9	20		9		88	7	2	Rain	
EL DABA																			
ALEXANDRIA	130	22	50	03	6	7	ch	11.5	-4.0	13	20	-2	10	-3	88	11	5	60	179
FOUAD (Airport)	240	14	12	03	8	7	cu, sc	11.3		13	18		10		95	13	3	58	136
DAMIETTA	220	5	7	01	1	2	cu	11.1	-4.2	14	23	+3	9	-3	77	10	1	Rain	99
PORT SA'ID	270	20	14	01	0	1	cu	10.8	-3.7	14	24		12		77	10	0.2	18	
EL 'ARISH																			82
DAMANHUR	310	13	7	02	6	3	cu	12.3	-3.3	12	17	-7	9	-1	77	8	4	33	92
MANSURA	270	9	35	00	0	0	—	11.8	-3.9	13	23	-1	10	0	77	9	dr.	29	47
TANTA	220	18	35	02	2	0	—	12.7?	-3.3	13	23	-2	8	-1	67	7	1	23	34
ZAGAZIG	220	3	35	02	0	0	—	12.0	-3.7	13	26	+1	9	0	77	9	Rain	Rain	24
ISMA'ILIA	270	9	35	01	1	3	ac	12.6		14			12		67	8	dr.	17	
FAROUK (Airport)	240	15	15	00	0	0	—	13.4		13			10		67	7	dr.	Rain	
ALMAZA	250	15	30	00	1	0	—	13.1	-2.7	13	24		10		67	7	0.3	12	
EZBEKIYA	270	10	12	00	0	0	—	13.5	-2.3	14	24	-2	11	0	59	6	1	11	22
GIZA	270	10	12	00	0	0	—	13.8	-2.4	15	25	0	8	-1	59	7	0.5	11	21
HELWAN	270	5	15	02	1	1	ac	14.2	-1.4	12	24	-1	10	-2	63	5	0.1	12	23
FAIYUM	360	6	35	01	0	0	—	15.4	-0.6	13	25	-1	9	-2	55	4	0	8	7
MINYA	70	3	8	00	1	0	—	15.5	-0.4	14	25		8		52	4	0	3	
ASYUT MANQABAD	320	6	8	10	0	0	—	15.9	+0.5	14	26		9		48	3	0	dr.	
NAG' HAMMADI											34	+6							
QENA	320	2	15	00	0	0	—	14.6	+0.2	16	33	+1	12	-1	42	3	0	0	
LUXOR	340	8	30	03	0	2	sc	14.7	+0.1	17			12		34	1	0	0	
ASWAN	350	6	50	01	1	3	ci	15.9	+1.9	18	33	+1	16	0	30	0	0	0	
SIWA											21	-5							7
BAHARIYA	270	3	35	02	0	0	—	15.4	-1.0	15	21	-6	10	0	48	4	0	0	7
FARAFRA	290	3	15	02	0	0	—	16.8		14	21		8		48	3	0	dr.	
DAKHLA	00	0	50	00	0	0	—	17.4	+1.8	12	25	-5	8	-3	63	5	0	0	
KHARGA	320	1		00	0	0	—	15.9	+0.9	16	26	-4	10	-2	32	-1	0	0	
SUEZ	310	2	50	00	0	0	—	12.1	-3.6	17	27	+2	12	-1	52	7	5	5	14
TOR	20	9	7	01	1	0	—	12.4	-1.6	18			16	+2	37	3	0	4	13
HURGHADA	270	15	14	00	0	0	—	11.8	-2.1	18	27		15		30	0	0	0	
QUSEIR	310	9	15	00	0	0	—	12.8?	-0.7	18			16	-1	52	8	0	dr.	4
PORT SUDAN																			95
WADI HALFA																			
ABU HAMAD																			
KAREIMA																			1
'ATBARA	20	13	10	07	2	7	ac, cs	9.5		27	39		23		25	5	0	0.3	2
KHARTUM	20	11	3	06	0	3	ac, cc	9.4		26	39		22		18	0	0	dr.	4
KASSALA	30	13	10	07	2	7	cb, ac	8.5		27	41		21		55	17	0	3	8
WAD MEDANI	50	9	0.8	31	3	8	as, cs	8.4		26	40		23		51	15	0	46	12
RENK	360	13	35	02	1	1	ci	10.0		29	40		20		17	1	0		49
ROSEIRES																			38
EL OBEID		18	2	22	2	3	st, ac	13.5?		19	40		17		94	18	0.4	7	16
EL FASHER	00	0	30	03	1	7	ac, ci			22	36		19		44	9	tr.	6	6
GENEINA	20	11	10	21	1	5	ac			25	39		22		54	15	dr.		4
MALAKAL	10	22	30	02	2	4	ac	7.9		30	38		26		13	-1	0	70	92
WAU	200	4	30	12	8	8	ac	6.3		29	38		27		35	12	dr.	145	168
JUBA	200	5	50	60	6	8	cb, ac	9.5		26	37		23		79	22	3	204	185

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	68	+3
Ezbekiya	63	+4
Giza	70	+9
Helwan	64	+19

GIZA GRASS MINIMUM TEMP. ON 25th 5.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 24th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	20	43	290	20
950					
900					
850	1454	10	58	270	33
800					
700	3042	2	48	200	56
600					
500	5665	-16		230	61
400	7305	-28			
300	9308	-43			

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Helwan Obs. AIRPORT — On 24th At 8h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	135	19	83	280	11
950					
900					
850	1550	14	59	210	24
800					
700	3129	2	64		
600	4346	-10		230	26
500	5734	-18		240	71
400	7358	-32			
300	9336	-40			

UPPER WIND OBSERVATIONS on 24th

Height m.	Farouk Dir.	Farouk Vel.	S. Barrani Dir.	S. Barrani Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.	Minya Dir.	Minya Vel.
Time	15		14		13	30	14		14	30	14		14		14		20		20	
300	300	17	300	18	290	33	300	19	310	33	320	36	350	26	70	9	220	26	290	19
600	300	24	290	17	260	29	290	25	310	36	320	43	340	32	140	30?	260	29	290	23
1000	290	39	290	23	290	34	300	36	310	34			340	30	230	8	290	16	290	27
1500	270	33	270	35					310	28					260	10				
2000	220	24													260	15				
3000	200														230	20				
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 25th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'id Dir.	Port Sa'id Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.
Time													2									
300													300	29								
600													300	21								
1000													290	24								
1500													280	23								
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time							8						5				4		4 30				4	
300							340	10																
600							340	15									10	19					310	13
1000							330	16					330	11			10	32	20	27			350	11
1500							300	23					20	12			20	42	40	36			20	19
2000							270	30					40	10			30	15	70	23				
3000													100	6			210	11					30	8
4000																								
5000																								
6000																								
7000																								
8000																								

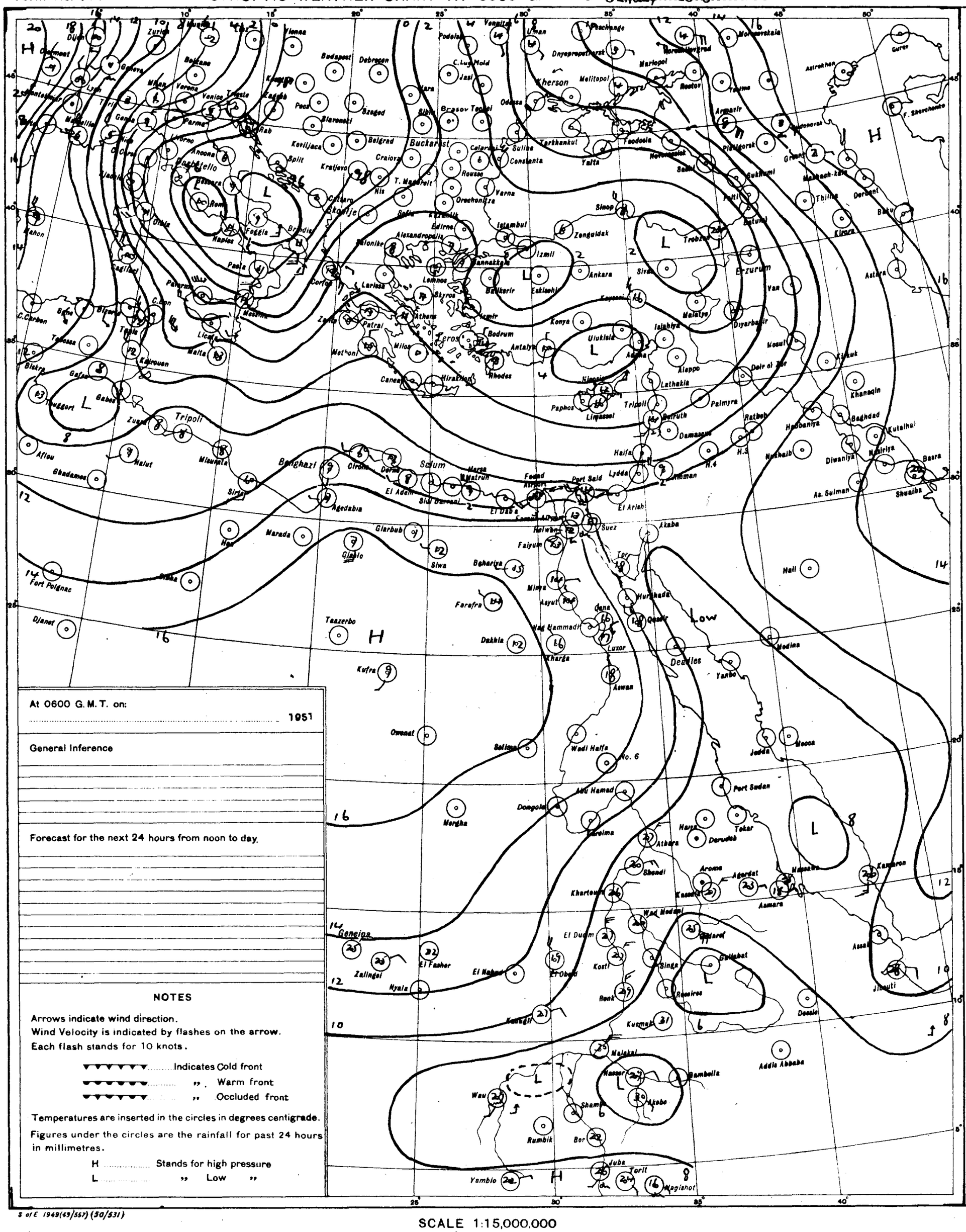
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 25-3-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	∽
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	=
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,
Rain	21	•
Showers of rain	25	▽
,, ,, hail	27	▽
Fog	28	≡
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	▽
Rain / Hail: Thunderstorm during the past hour	91	•
	93	△
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 53 G.M.T.

" " Sunset 16 09 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 26th March, 1951

At 1200 on Sunday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
MEDITERRANEAN	62300	SALÛM	270	9	35	00	0	0	—	10.7	20	33	3	
	303	SÎDI BARÂNI	300	12	18	08	0	0	—	12.0	17	52	7	
	306	MATRÛH	350	14	14	00	1	0	—	12.0	18	46	6	
	309	EL DABA	320	9	35	00	0	0	—	11.3	18	46	6	
		ALEXANDRIA	270	16	50	02	6	5	cb	12.6	17	68	11	
	318	FOUAD (Airport)	280	18	12	02	6	4	Cu	12.4	18	60	10	
	330	DAMIETTA	360	9	7	03	6	5	cu	11.5	18	60	10	
	333	PORT SA'ÎD	280	16	30	02	8	4	Cu.Sc	10.5	19	46	7	
	336	EL 'ARISH	320	13	35	03	1	2	cu	11.8	19	46	7	
LOWER EGYPT	339	DAMANHUR	310	13	15	02	2	7	cu	12.8	18	60	10	
	342	MANSURA	270	9	35	03	2	5	Sc.Cu	11.8	20	56	11	
	348	TANTA	310	5	35	01	1	4	Cu.Sc	11.8	20	41	6	
	354	ZAGAZIG	220	3	35	03	1	3	Cu	11.8	21	50	10	
	440	ISMAÎLÎA	290	9	35	03	1	5	cu	12.0	21	33	4	
CAIRO AREA	366	FAROUK (Airport)	290	19	30	00	0	0	—	13.0	20	43	7	
	372	ALMÂZA	290	13	15	02	1	4	Cu	12.3	19	37	4	
		EZBEKÎYA	310	16	18	02	1	4	Cu	12.3	20	35	4	
		GÎZA	310	16	18	02	1	4	Cu	12.3	22	29	3	
	378	HELWÂN	290	13	35	03	2	4	cu	12.3	19	30	1	
UPPER EGYPT	381	FAIYÛM	360	8	35	03	0	1	Cu.Sc	12.9	21	33	4	
	387	MINYA	320	11	10	00	0	0	—	13.3	23	18	-3	
	393	ASYÛT MANQABÂD	330	6	30	00	0	0	—	13.2	21	33	4	
	399	NAG' HAMMÂDI	250	3	15	00	0	0	—	13.9	23	32	5	
	402	QENA	320	2	50	00	0	0	—	11.9	25	22	2	
	405	LUXOR	320	11	30	00	0	0	—	12.6	23	14	-6	
	414	ASWÂN	330	5	50	00	0	0	—	12.5	24	21	0	
OASES	417	SÎWA	270	7	12	00	0	0	—	15.0	20	26	0	
	420	BAHARÎYA	270	3	35	02	0	0	—	13.8	20	33	3	
	423	FARAFRA	290	4	35	02	0	0	—	14.7	21	17	-5	
	432	DAKHLA	320	10	50	00	0	0	—	14.8	21	50	10	
	435	KHARGA	00	0	15	00	0	0	—	14.0	23	24	1	
RED SEA	450	SUEZ	270	6	50	03	0	3	Cu	11.4	22	21	-1	
	459	TÛR	00	0	35	00	0	0	—	11.4	23	27	3	
	462	HURGHADA	330	20	30	00	0	0	—	10.6	20	53	10	
	465	QUSEIR	20	13	15	01	0	0	—		21	65	14	
	641	PORT SUDÂN	90	8	30	01	6	3	ac	7.0	31	52	20	
NORTH SUDAN	600	WÂDI HALFA	340	13	30	02	1	4	—	11.6	26	11	-7	
	640	ABU HAMAD	310	7	8	05	2	8	ac.cs		29	14	-1	
	660	KAREIMA	340	8	10	07	2	8	ac	8.2	31	19	5	
	680	'ATBARA	20	13	10	07	2	7	ac.Cs	4.8	35	11	0	
	721	KHARTUM	360	13	30	02	1	5	ac.Ci	4.6	36	12	2	
	730	KASSALA												
CENTRAL SUDAN	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	70	13	10	03	0	5	—	4.5	35	12	1	
	760	EL FÂSHER	210	2	30	03	1	7	—		33	20	7	
	770	GENEINA	20	4	18	12	2	7	ac		30	21	5	
S. SUDAN	840	MALAKÂL	20	10	18	06	2	8	ac.cs	2.8	37	10	0	
	880	WÂU	70	9	30	02	2	8	ac	4.6	33	16	4	
	941	JUBA	100	8	30	29	9	8	cb, ac	4.8	27	74	22	

At 1800 on Sunday 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	290	2	15	00	0	0	—	10.3	17	52	7	0
SÎDI BARÂNI	130	2	14	00	0	0	—	10.7	14	72	9	0
MATRÛH	30	2	15	00	0	0	—	12.2	12	77	8	0
EL DABA	00	0	7	00	0	0	—	12.9	13	77	9	0
ALEXANDRIA	360	10	35	00	0	0	—	13.0	15	68	9	1
FOUAD (Airport)	310	5	12	02	0	1	Sc	12.8	14	77	10	3
DAMIETTA	290	5	7	01	1	1	Cu	13.0	16	68	10	dr.
PORT SA'ÎD	300	15	14	01	0	0	—	11.4	16	64	9	0.2
EL 'ARISH	320	13	15	03	2	6	Sc	11.6	17	60	9	0
DAMANHUR	270	9	7	02	1	1	Cu	13.6	14	77	10	0
MANSURA	320	5		00	1	0	—	13.4	15	68	9	0
TANTA	270	2	35	02	1	0	—	13.5	14	77	10	0
ZAGAZIG	220	1	35	02	1	0	—	13.1	15	68	9	0
ISMAÎLÎA	250	5	35	01	0	0	—	13.1	16	59	8	0
FAROUK (Airport)	360	9	7	00	1	0	—	13.6	16	68	10	0
ALMÂZA	30	10	12	00	0	0	—	13.3	16	59	8	0
EZBEKÎYA	360	6	12	00	0	0	—	13.1	16	64	9	0
GÎZA	360	6	12	00	0	0	—	13.9	17	52	7	0
HELWÂN	340	8	15	02	1	0	—	13.1	17	42	4	0
FAIYÛM	360	2	35	01	0	0	—	13.5	17	42	4	0
MINYA	20	6	10	00	0	0	—	13.4	15	39	1	0
ASYÛT MANQABÂD	220	4	10	00	0	0	—	13.2	18	37	3	0
NAG' HAMMÂDI	00	0	7	00	0	0	—	12.4	21?	41	7	0
QENA	360	2	7	00	0	0	—	11.9	19	37	4	0
LUXOR	290	4	12	00	0	0	—	12.6	18	28	-1	0
ASWÂN	350	4	50	00	0	0	—	12.2	21	27	1	0
SÎWA												
BAHARÎYA	270	3	15	02	0	0	—	14.6	14	48	3	0
FARAFRA	00	0	15	02	0	0	—	14.3	16	32	-1	0
DAKHLA	00	0	50	00	0	0	—	14.0	22	44	9	0
KHARGA	10	1	15	00	0	0	—	15.0	20	28	1	0
SUEZ	310	4	35	01	0	0	—	12.7	17	42	4	0
TÛR	340	9		00	0	0	—	11.2	20	28	1	0
HURGHADA	310	19	10	00	0	0	—	10.5	21	47	9	0
QUSEIR	330	13	15	02	0	0	—	11.1	20	73	15	0
PORT SUDÂN	240	9	10	02	1	1	Sc.Ac	10.4	25	70	19	dr.
WÂDI HALFA	350	8	30	01	1	4	ac	12.4	21	23	-1	0
ABU HAMAD	290	5	10	05	2	7	ac		25	7	-13	0
KAREIMA	340	11	30	02	2	0	—	9.8	25	22	2	0
'ATBARA	20	13	7	07	2	3	ac.Ci	7.4	28	25	6	0
KHARTUM	350	13	30	01	1	3	Ci	5.7	31	17	3	0
KASSALA	30	3	30	03	0	3	ac.Ci	4.3	28	27	7	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	4	10	02	2	7	cs	5.0	30	18	3	0
EL FÂSHER	30	3	30	03	1	7	Ci		31	22	7	0
GENEINA	20	11	30	02	2	7	ac		27	25	5	0
MALAKÂL												
WÂU												
JUBA	360	5	50	03	2	8	ac	6.8	25	84	22	2

At 0600 on Monday 26th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	200	13	15	00	0	0	—	8.0	-7.7	15	21	-1	11	-1	30	-3	0	90	
SÎDI BARÂNI	180	15	14	00	0	0	—	9.5		15	17		10		39	1	0	108	
MATRÛH	250	13	15	00	0	0	—	10.8	-5.2	15	18		9		30	-3	0	Rain	
EL DABA	320	5	15	00	0	0	—	10.5		16	18		6		42	3	0	54	
ALEXANDRIA	130	10	50	00	0	0	—	12.7	-2.7	13	18	-4	11	-3	77	9	1	61	179
FOUAD (Airport)	190	6	18	02	0	0	—	12.9		13	18		10		77	9	3	61	136
DAMIETTA	200	2	7	00	0	0	—	13.6	-1.7	14	19	-2	8	-4	77	10	dr.	Rain	100
PORT SA'ÎD	220	8	14	02	0	0	—	12.5	-2.0	16	20		13		72	11	0.2	18	
EL 'ARISH	220	2		01	0	1	Cu			19	20	-2	12		52	8	0	Rain	83
DAMANHUR	180	9		02	0	0	—	14.2	-1.4	14	19	-5	9	-2	77	10	0	33	92
MANSURA	90	5	35	00	0	0	—	14.0	-1.6	15	21	-3	8	-2	68	9	0	29	47
TANTA	00	0	35	02	0	0	—	14.6	-1.3	15	22	-3	7	-2	68	9	0	23	34
ZAGAZIG	220	1	35	02	0	0	—	13.4	-2.2	15	23	-2	9	-1	68	9	0	Rain	24
ISMAÎLÎA	180	2	35	01	0	0	—	14.0		17	22		10		60	9	0	17	
FAROUK (Airport)	270	2	18	00	0	0	—	14.3		14	21		10		67	8	0	Rain	
ALMÂZA	230	9	15	00	0	0	—	13.9	-1.8	16	21		11		59	8	0	12	
EZBEKÎYA	130	6	12	00	0	0	—	13.9	-1.8	15	22	-4	11	0	59	7	0	11	22
GÎZA	130	6	12	00	0	0	—	14.4	-1.7	16	23	-3	8	-1	59	8	0	11	21
HELWÂN	110	3	7	00	0	0	—	14.3	-1.3	15	20	-5	11	-1	63	8	0	12	24
FAIYÛM	00	0	35	02	0	0	—	14.7	-1.2	16	22	-5	8	-3	59	8	0	4	7
MINYA	170	5	8	00	0	0	—	14.9	-0.9	14	23		7		48	3	0	3	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	14.8	-0.5	15	22		10		42	2	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	15.0	+0.3	18	24	-4	8	-2	46	6	0	0.1	
QENA	320	2	15	00	0	0	—	14.2	-0.1	17	27	-5	10	-3	42	4	0	0	
LUXOR	00	0	30	00	0	0	—	14.3	-0.2	15	26		8		42	2	0	0	
ASWÂN	00	0	50	00	0	0	—	15.2	+1.2	18	26	-7	13	-3	43	5	0	0	
SÎWA																			7
BAHARÎYA	00	0	35	02	0	0	—	15.0	-1.4	14	22	-5	5	-5	48	3	0	0	7
FARAFRA	220	1	35	02	0	0	—	15.2		10	23		5		38	-4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	16.0	+0.5	11	23	-7	7	-4	63	4	0	0	
KHARGA	20	1	15	00	0	0	—	14.4	-0.6	16	27	-3	8	-5	36	1	0	0	
SUEZ	00	0	50	00	0	0	—	14.0	-1.6	17	24	-1	9	-4	52	7	0	5	14
TÛR	00	0	15	00	0	0	—	12.2	-1.7	18	25	0	12	-2	40	4	0	4	13
HURGHADA	270	5	30	00	0	0	—	12.9	-0.9	19	21		10		46	7	0	0	
QUSEIR	330	9	15	02	0	0	—	12.2	-1.3	19			15	-3	64	12	0	dr.	4
PORT SUDÂN	340	13	4	05	1	2	Cu.ac	11.7		25	33		22		61	17	dr.	152	95
WÂDI HALFA											28								
ABU HAMAD	360	10	10	02	1	3	ac			22	32		18		21	-1	0		
KAREIMA											33								1
'ATBARA											37								2
KHARTUM											37								4
KASSALA											37								8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID											35								16
EL FÂSHER											35								6
GENEINA											31								4
MALAKÂL	320	1	30	01	1	4	Ci	8.9		28	40		22		31	9	0	70	92
WÂU																			169
JUBA	310	2	30	02	5	8	ac.Ci				33		21			20	2	206	186

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	74	+9
Ezbekîya	55	-4
Gîza	54	-7
Helwân	50	+5

GÎZA GRASS MINIMUM TEMP. ON 26th 3.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 25th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	104	20	35	360	8
950					
900					
850	1475	8	71	300	14
800					
700	3050	4		320	29
600					
500	5716	-13		340	36
400	7378	-25		310	80
300	9397	-42		310	65

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 25th At 8h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	168	16	68	260	12
950					
900					
850	1500	4	87		
800					
700	3098	1	64		
600	4022	-5			
500	5737	-12			
400					
300					

UPPER WIND OBSERVATIONS on 25th

Station	Hurghada		ELArish		Matruh		Minya		Dakhla		Port Said		Asyut		Kharga		S.Bairani		Fouad		Farouk		Port Said		Minya	
Time	14	15	13	30	14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	18	290	20	340	8	340	9	310	12	300	15	330	10	340	7	270	7			20	11	220	9	300	11
600	340	21	280	21	270	26	330	10	300	10	300	24	220	9	330	11	240	14	290	5	360	9	330	7	320	10
1000	320	23	260	20	250	13	310	11	300	14	290	21	310	14	310	13	260	23	280	13	360	7	350	7	340	10
1500	270	32	260	27	270	16	310	13	300	16	120	6	280	14		18	230	18	270	19	300	14	60	3	330	8
2000			230		280	20	280	18	330	14			290	14			280	18			290	22			300	4
3000					240	21							290	22			260	24			290	32				
4000													280	34												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
Time					2		3						2				3 30						2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					200	15	230	15					40	4			10	4					220	4
600					290	17	260	9					270	2			360	13					240	5
1000					230	17	320	7					300	3			340	10					250	4
1500													240	17			300	9					280	15
2000													270	13			310	20					290	22
3000																							290	22
4000																							270	16
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time									4		4		5						4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	12														
600									20	10	10	19	10	17									320	5
1000									10	11	330	7	20	16					30	29			360	9
1500											330	13	10	15					40	20			10	17
2000																								
3000									290	23			340	19					260	13			40	10
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

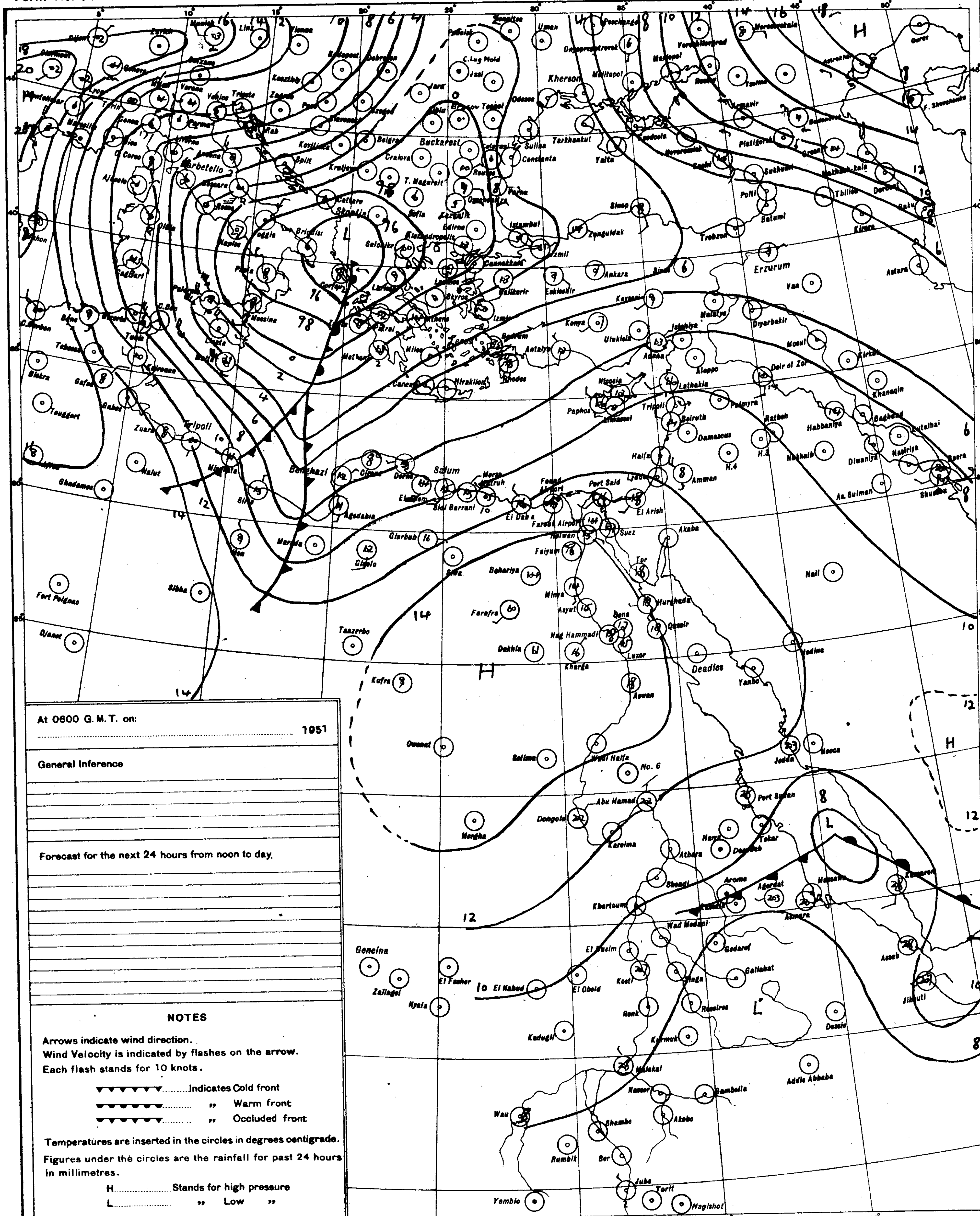
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 26-3- 1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H........ Stands for high pressure
L........ ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 03 52 G. M. T.
" " Sunset 16 10 G. M. T.

DAILY WEATHER REPORT

Date: Tuesday 27th March, 1951

LIBRARY MAY 24 195 WEATHER BUR

At 1200 on Monday 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	200	13	35	00	0	0	—	6.8	28	18	1
	308	SÎDI BARÂNI											
	306	MATRÛH	270	14	12	00	0	0	—	9.9	25	22	2
	309	EL DABA	280	6	35	00	0	0	—	9.5	26	27	5
		ALEXANDRIA	270	8	50	00	0	0	—	12.4	22	29	3
	318	FOUAD (Airport)	320	10	18	02	0	0	—	12.2	23	34	6
	330	DAMIETTA	220	5	35	03	1	1	Cu	13.0	22	44	9
	333	PORT SA'ÎD	190	5	30	02	0	0	—	13.7	22	36	6
	336	EL 'ARISH	230	2	35	01	0	0	—	14.3	20	46	8
Lower Egypt	339	DAMANHUR	230	9	15	02	0	0	—	13.0	25	22	2
	342	MANSURA	270	5	35	00	0	0	—	13.3	25	28	5
	348	TANTA	220	2	35	02	0	0	—	14.0	25	22	2
	354	ZAGAZIG	220	2	50	02	0	0	—	13.1	25	28	5
	440	ISMAÎLÎA	220	3	35	02	0	0	—	13.4	24	26	3
Cairo Area	366	FAROUK (Airport)	200	9	30	00	0	0	—	13.4	23	24	1
	372	ALMÂZA	280	8	30	00	0	0	—	12.7	23	24	1
		EZBEKÎYA	310	8	18	00	0	0	—	13.0	24	26	3
		GÎZA	310	8	18	00	0	0	—	13.1	25	28	5
	378	HELWÂN	200	6	35	02	0	0	—	12.7	23	24	1
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	13.9	25	28	5
	387	MINYA	250	3	12	00	0	0	—	13.2	26	27	5
	393	ASYÛT MANQABÂD	340	5	30	00	0	0	—	12.4	25	28	5
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	13.0	25	34	8
	402	QENA	220	2	50	00	0	0	—	12.3	29	19	3
	405	LUXOR	330	6	30	00	0	0	—	11.6	26	13	-5
	414	ASWÂN	350	8	50	00	0	0	—	11.9	31	9	-6
Oases	417	SÎWA											
	420	BAHARÎYA	270	2	35	02	0	0	—	12.8	27	20	2
	423	FARAFRA	180	2	35	02	0	0	—	12.4	27	15	-2
	432	DAKHLA	00	0	50	00	0	0	—	13.3	27	9	-8
	435	KHARGA	320	1	35	00	0	0	—	12.7	27	20	2
Red Sea	450	SUEZ	180	4	50	02	0	0	—	12.8	21	41	7
	459	TÛR	00	0	15	02	0	0	—	12.0	22	36	6
	462	HURGHÂDA	350	12	30	00	0	0	—	11.3	22	41	8
	465	QUSEIR	20	13	15	02	0	0	—	11.5	22	65	15
	641	PORT SÛDÂN	40	16	4	05	1	4	ac	8.9	27	62	19
North Sûdân	600	WÂDI HALFA	350	13	50	02	0	1	Ci	11.2	28	10	-6
	640	ABU HAMAD	50	6	30	02	0	1	Ci		32	7	-9
	660	KAREIMA	340	9	30	02	1	0	—	8.6	32	10	-3
	680	'ATBARA	20	13	7	07	1	1	Ci	6.1	33	6	-9
	721	KHARTÛM	360	13	15	03	1	4	ac, Ci	6.1	35	8	-6
	730	KASSALA	360	9	30	03	0	2	ac	2.5	37	17	8
Central Sûdân	751	WÂD MEDANI	310	9	35	02	2	0	—	3.5	37	10	0
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	0	—	1.6	39	13	6
	771	EL OBEID	50	10	10	01	1	2	Ci	5.0	33	13	1
	760	EL FÂSHER	110	1	30	03	1	5	Ci		34	12	1
	770	GENEINA	90	1	30	03	1	4	Ci		32	21	7
S. Sûdân	840	MALAKÂL	40	11	30	02	1	0	—	3.0	38	11	3
	880	WÂU	20	2	30	02	2	7	ac	3.2	36	19	8
	941	JUBA	110	9	30	03	2	7	ac, ac	3.5	33	44	17

At 1800 on Monday 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	5	15	00	0	0	—	9.1	16	68	10	0
SÎDI BARÂNI												
MATRÛH	220	15	10	00	0	0	—	8.4	21			0
EL DABA												
ALEXANDRIA	90	3	35	00	0	0	—	11.5	17	42	4	0
FOUAD (Airport)	70	7	12	02	0	0	—	11.4	14	77	10	0
DAMIETTA	110	5	7	00	0	0	—	13.0	18	60	10	0
PORT SA'ÎD	100	12	30	02	0	0	—	12.9	18	52	8	0
EL 'ARISH	20	5	12	00	0	0	—	13.5	15	68	9	0
DAMANHUR	230	5	7	02	0	0	—	13.6	16	68	10	0
MANSURA	90	3		00	0	0	—	12.4	17	52	7	0
TANTA	00	0	35	02	0	0	—	13.0	19	37	4	0
ZAGAZIG	40	1	35	02	0	0	—	12.4	19	46	7	0
ISMAÎLÎA	360	2	35	02	0	0	—	13.1	19	37	4	0
FAROUK (Airport)	150	9	12	00	0	0	—	12.9	20	33	3	0
ALMÂZA	170	8	12	00	0	0	—	12.3	20	23	3	0
EZBEKÎYA	00	0	12	00	0	0	—	11.9	18	46	6	0
GÎZA	00	0	12	00	0	0	—	11.7	18	52	8	0
HELWÂN	00	0	7	02	0	0	—	12.0	19	37	4	0
FAIYÛM	00	0	35	02	0	0	—	12.8	17	52	7	0
MINYA	00	0	8	00	0	0	—	11.9	18	40	4	0
ASYÛT MANQABÂD	260	4	8	00	0	0	—	12.5	20	38	5	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.3	17	68	11	0
QENA	360	2	7	00	0	0	—	13.0	21	33	4	0
LUXOR	00	0	12	00	0	0	—	11.6	20	26	0	0
ASWÂN	00	0	50	00	0	0	—	11.9	19	16	-8	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	13.2	19	30	1	0
FARAFRA	110	2	15	02	0	0	—	12.0	15	48	4	0
DAKHLA	140	3	50	00	0	0	—	12.7	26	13	-5	0
KHARGA	00	0	15	00	0	0	—	13.0	22	21	-1	0
SUEZ	00	0	35	02	0	0	—	12.4	18	46	6	0
TÛR	00	0		00	0	0	—	11.1	21	38	6	0
HURGHADA	240	5	12	00	0	0	—	11.7	19	43	6	0
QUSEIR	330	9	15	02	0	0	—	11.7	20	64	13	0
PORT SÛDÂN												
WÂDI HALFA	310	4	30	02	0	2	Ci		24	11	-9	0
ABU HAMAD												
KAREIMA												
'ATBARA	20	5	30	01	0	1	ac	8.1	26	16	-2	0
KHARTÛM	310	5	20	02	0	0	—	6.5	30	17	2	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	360	3	30	03	0	2	Ci	3.7	31	24	8	0
WÂU												
JUBA	180	5	30	01	2	4	ac, Ci	4.8	29	59	20	0

At 0600 on Tuesday 27th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperature Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALÛM											28	+5							
SÎDI BARÂNI																			
MATRÛH	300	16	12	01	1	0	—	11.7	-4.3	14	27		11		52	4	0	Rain	
EL DABA																			
ALEXANDRIA	310	11	50	03	1	4	Cu	10.3	-5.1	17	23	+1	12	-2	77	13	0	61	180
FOUAD (Airport)	290	10	12	03	0	3	Sc	10.6		18	23		10		88	16	0	61	137
DAMIETTA	160	5	7	00	0	0	—	11.2	-4.0	18	23		12	0	52	8	0	Rain	100
PORT SA'ÎD	160	14	30	02	0	0	—	10.6	-3.8	17	23		14		52	7	0	18	
EL 'ARISH											21	-1							83
DAMANHÛR	230	9	7	02	0	0	—	11.5	-4.0	17	26	+2	10	-1	42	4	0	33	92
MANSÛRA	140	5	35	00	0	0	—	11.1	-4.5	16	27	+2	10	0	49	5	0	29	47
TANTA	220	2	35	02	0	0	—	12.2	-3.6	17	25	0	12	+3	42	4	0	23	34
ZAGAZIG	140	1	35	02	0	0	—	11.0	-4.6	17	27	+1	11	+1	42	4	0	Rain	24
ISMAÎLÎA	160	2			0	0	—	12.0		18	25		14		52	8	0	17	
FAROUK (Airport)	160	24	18	00	0	0	—	11.5		22	25		16		20	-2	0	Rain	
ALMÂZA	190	16	15	00	0	0	—	11.0	-4.6	20	25		15		24	-1	0	12	
EZBEKÎYA	180	4	12	00	0	0	—	11.6	-4.0	16	25	-1	13	+2	45	4	0	11	22
GÎZA	180	4	12	00	0	0	—	12.0	-4.0	18	27	+1	9	0	46	6	0	11	21
HELWÂN	110	3	7	00	0	0	—	12.2	-3.3	16	24	-1	13	+1	42	3	0	12	24
FAIYÛM	360	6	35	02	0	0	—	13.4	-2.5	15	26	-1	9	-2	48	4	0	8	7
MINYA	170	6	10	00	0	0	—	12.7	-3.0	16	27		10		39	2	0	3	
ASYÛT MANQABÂD	00	0	12	00	0	1	Cs	13.2	-2.1	15	26		10		55	6	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	2	Sc			19	28	0	8	-2	46	7	0	0.1	
QENA	40	2	15	00	0	0	—	13.5	-0.8	18	30	-3	10	-3	37	3	0	0	
LUXOR	00	0	30	00	0	0	—	13.4	-1.0	20	28		9		17	-6	0	0	
ASWÂN	00	0	50	01	1	3	Ci	13.9	0.0	21	32	-1	14	-2	38	6	0	0	
SÎWA																			7
BAHARÎYA	270	3	35	02	0	0	—	12.3	-4.0	20	28	+1	8	-2	24	-1	0	0	7
FARAFRA	40	1	35	02	0	0	—	13.3		13	28		6		24	-7	0	dr.	
DAKHLA	140	3	50	03	0	2	Ci	13.8	-1.6	17	29	-1	11	-1	18	-8	0	0	
KHARGA	00	0	35	03	1	4	Ci	13.9	-1.0	16	29	-1	9	-4	42	3	0	0	
SUEZ	180	4	50	00	0	0	—	11.9	-3.7	20	25	0	12	-1	46	8	0	5	14
TÛR	00	0	7	00	0	0	—	12.8	-1.0	17	23	-2	10	-4	42	4	0	4	13
HURGHADA	250	2	30	00	0	0	—	12.2	-1.5	21	22		10				0	0	
QUSEIR	330	9	15	00	0	2	Ci	13.1	-0.3	20			16	-2	53	10	0	dr.	4
PORT SÛDÂN	340	10	30	01	1	1	ac	12.4		23	29		19		65	16	0	152	95
WÂDI HALFA	00	0	50	01	0	1	Cs	13.8		17	30		12		16	-9	0	dr.	
ABU HAMAD	350	8	30	02	0	1	Ci			21	32		15		12	-10	0		
KAREIMA	00	0	30	02	0	0	—	13.2		21	33		16		31	3	0	dr.	1
'ATBARA	340	9	30	02	0	0	—	10.8		23	34		16		18	-3	0	0.3	2
KHARTÛM	10	12	30	02	0	1	Ci	11.0		24	36		19		13	-7	0	dr.	4
KASSALA																			8
WÂD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID																			14
EL FÂSHER	20	5	30	03	1	3	ac, Ci			20	35						0	6	6
GENEINA																			4
MALAKÂL	20	17	30	03	2	8	Cs	8.2		29	39		23		14	-1	0	70	92
WÂU																			170
JUBA	180	9	30	03	2	8	ac	7.6		26	35		23		70	20	0	206	187

HUMIDITY % Mean of day

Station	on 26th	Diff. from normal
Alexandria	56	-9
Ezbekiya	45	-13
Giza	52	-9
Helwân	41	-3

GÎZA
GRASS MINIMUM TEMP. ON 27th 4.2 C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 26th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	22	23	240	7
950					
900					
850	1482	7	43	210	16
800					
700	3057	1		260	16
600					
500	5785	-16		260	16
400	7425	-28		280	24
300	9410	-46		270	24

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Helwan Obs. AIRPORT — On 26th At 8h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	168	17	52	190	9
950					
900					
850	1530	6	57	230	4
800					
700	3107	1	65	240	13
600	4338	-3		280	19
500	5752	-13		250	27
400	7405	-27		280	47
300	9378	-41		260	58

UPPER WIND OBSERVATIONS on 26th

Station	Kharga				Asyut		S. Barani		Farouk		El Arish		Minya		Matruh		Fouad		Luxor		Fouad		Farouk		Minya	
Time	14				14		14		15		14		14		14		14		14 30		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	2			330	9	230	24	230	6	20	10	240	4	220	16	290	12	310	6	110	10	120	17	160	10
600	360	4			320	10	240	21	220	6	10	12	220	4	220	15	250	6	300	4	170	13	120	14	170	6
1000	360	8			310	10	310	26	210	6	320	4	250	3	210	13	200	8	300	4	180	15	140	10	220	2
1500	340	21			260	5	310	21	210	6	340	8	270	14	200	11	180	17	300	10	210	20	200	10	280	9
2000					290	10			230	10			250	9	250	18	180	20	300	9	260	15	280	11	280	14
3000					280	20			260	16			270	15												
4000																										
5000									280	23																
6000									290	23																
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time					4		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					270	21	170	13					150	15									
600					230	25	180	11					140	10									
1000					220	29	200	7					210	10									
1500					220	16	220	9															
2000							250	7															
3000							280	16															
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time															4		4				3 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300																							
600															100	22	10	7					
1000															10	23	40	7					
1500															360	20	300	7			10	38	
2000															310	16					320	7	
3000															320	18	290	15			280	12	
4000															290	19							
5000																							
6000																							
7000																							
8000																							

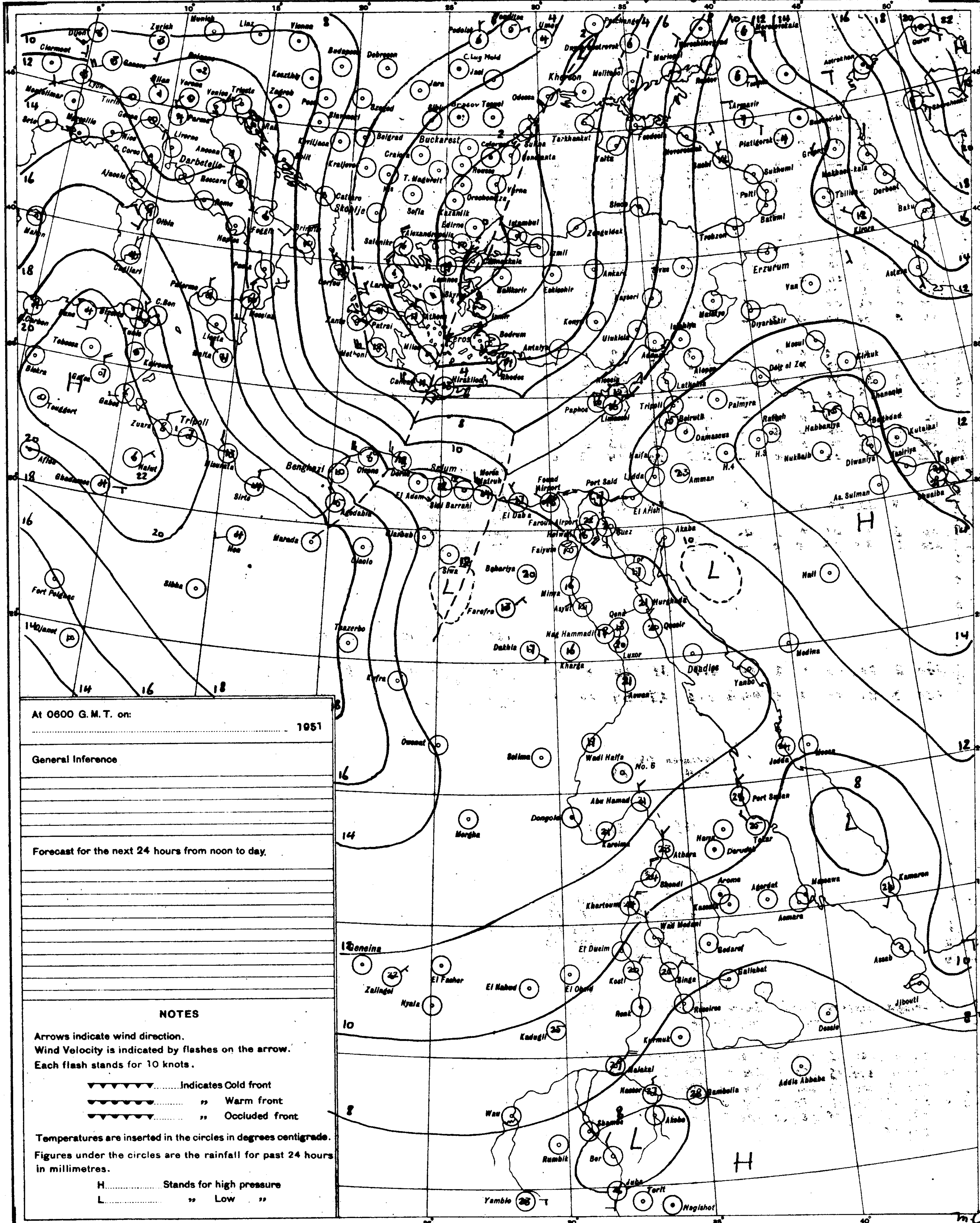
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F. **SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON** Tues Aug 21/8/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
▼▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (vis less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S. of E. 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 51 G.M.T.

" " Sunset 16 11 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 28th March, 1951

At 1200 on Tuesday 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	270	13	35	03	2	6	Cu	12.6	18		
	303	SIDI BARANI	320	20	15	03	0	2	Cu	12.2	17	52	7
	306	MATRUH	340	22	15	03	1	2	Cu	12.6	18	46	6
	309	EL DABA	220		35	00	0	0	—	11.9	18	37	3
		ALEXANDRIA	310	22	50	01	2	3	Cu	11.6	18	60	10
	318	FOUAD (Airport)	290	17	18	03	1	5	SC	11.6	19	64	12
	330	DAMIETTA	320	9	35	02	0	0	—	10.7	20	73	15
	333	PORT SA'ID	240	16	30	02	0	0	—	10.0	26	32	8
	336	EL 'ARISH	360	8	18	00	0	0	—	9.5	25	32	7
Lower Egypt	339	DAMANHUR	310	13	15	02	1	1	Cu	11.9	23	38	8
	342	MANSURA	270	9	35	00	0	0	—	11.0	26	30	7
	348	TANTA	310	8	35	02	0	0	—	11.9	25	42	11
	354	ZAGAZIG	220		32	3	0	—	—	11.8	25	28	5
	440	ISMA'ILIA	250	13	10	06	0	0	—	9.9	28	16	0
Cairo	366	FAROUK (Airport)	240	26	18	00	0	0	—	10.7	27	37	11
	372	ALMAZA	270	24	15	00	0	0	—	10.0	27	15	-2
		EZBEKIYA	220	12	18	00	0	0	—	10.3	27	19	1
		GIZA	220	12	18	00	0	0	—	10.4	29	14	-1
	378	HELWAN	220	16	35	02	0	0	—	10.3	27	12	-5
Upper Egypt	381	FAIYUM	270	8	35	02	0	0	—	11.6	29	14	-1
	387	MINYA	270	10	10	02	1	2	Ci	11.3	31	9	-6
	393	ASYUT MANQABAD	230	4	30	03	1	2	Ci	10.7	31	17	3
	399	NAG' HAMMADI	00	0	35	01	0	4	Cu,Sc	12.0	30	25	8
	402	QENA	220	2	50	00	0	0	—	11.2	31	17	3
	405	LUXOR	140	4	30	02	2	3	Sc,Cu	11.2	30	13	-1
	414	ASWAN	330	4	50	01	1	3	Ci	10.8	29	12	-3
Oases	417	SIWA	290	12	11	06	0	0	—	15.9	21	44	8
	420	BAHARIYA	270	4	35	02	0	0	—	13.4	26	25	4
	423	FARAFRA	320	4	35	02	1	0	—	13.6	26	21	2
	432	DAKHLA	270	4	50	01	0	1	Ci	11.6	31	9	-6
	435	KHARGA	180	1	35	02	1	3	Ci	11.8	32	15	2
Red Sea	450	SUEZ	180	5	50	02	0	0	—	10.2	23	50	12
	459	TOR											
	462	HURGHADA	60	9	30	02	1	2	Ci	10.6	25	48	13
	465	QUSEIR	20	7	15	02	1	2	Ci	10.6	24	47	12
	641	PORT SUDAN	40	15	30	02	0	0	—	9.5	27	66	20
Anglo-Egyptian Sudan	600	WADI HALFA	360	12	50	03	0	2	Ci	10.5	31	8	-8
	640	ABU HAMAD	340	4	30	03	0	1	ac		32	9	-5
	660	KAREIMA	360	8	30	02	0	0	—	8.6	33	7	-7
	680	'ATBARA	360	9	30	02	0	0	—	6.7	33	8	-6
	721	KHARTUM	360	11	30	02	0	1	Ci	6.7	34	9	-3
	730	KASSALA	310	5	30	02	0	0	—	3.3	37	14	6
Equatorial Nile	751	WAD MEDANI											
Kordofan	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	10	10	30	02	1	3	Cc	5.7	34	8	-5
	760	EL FASHER											
	770	GENEINA	70	9	30	03	1	4	ac,Ci		34	9	-4
Red Sea	840	MALAKAL	70	7	30	03	2	8	ac,Cs	3.8	38	9	-1
	880	WAU	130	5	10	05	0	0	—	3.2	38	16	8
	941	JUBA	140	9	30	02	2	7	Sc,ac	4.4	34	34	16

At 1800 on Tuesday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI												
MATRUH	330	15	15	00	1	0	—	14.3	15	59	7	0
EL DABA												
ALEXANDRIA	310	24	35	00	0	0	—	13.8	15	59	7	0
FOUAD (Airport)	320	18	12	02	0	0	—	13.5	15	63	8	0
DAMIETTA	320	9	7	02	0	0	—	12.4	17	68	11	0
PORT SA'ID	310	20	14	03	0	2	Cu	11.7	17	77	13	0
EL 'ARISH	320	15	8	00	0	0	—	11.3	18	83	15	0
DAMANHUR	310	9	7	02	1	2	Cu	13.8	13	77	9	0
MANSURA	320	5		00	0	0	—	13.3	16	59	8	0
TANTA	310	2	35	02	0	0	—	13.9	15	77	11	0
ZAGAZIG	220	3	35	02	3	0	—	12.6	16	68	10	0
ISMA'ILIA	360	5	35	03	2	7	ac	13.4	18	60	10	0
FAROUK (Airport)	320	12	12	00	0	0	—	14.4	17	56	8	0
ALMAZA	350	9	12	00	0	0	—	13.9	17	56	8	0
EZBEKIYA	360	10	12	00	0	0	—	14.0	17	52	7	0
GIZA	360	10	12	00	0	0	—	14.2	16	59	8	0
HELWAN	320	24	15	02	0	0	—	13.2	17	77	13	0
FAIYUM	00	0	35	02	0	0	—	13.8	19	37	4	0
MINYA	320	12	8	00	0	0	—	12.7	21	20	-3	0
ASYUT MANQABAD	310	4	10	00	0	0	—	11.9	20	41	6	0
NAG' HAMMADI	00	0	15	01	0	3	Cu	11.8	21	50	10	0
QENA	360	1	7	00	0	0	—	11.4	22	29	3	0
LUXOR	00	0	50	00	0	0	—	11.2	24	15	-5	0
ASWAN												
SIWA	280	6	10	01	1	1	ac	16.7	17	52	7	0
BAHARIYA												
FARAFRA	320	5	15	02	0	0	—	16.2	18	28	-1	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	12.2	26	13	-5	0
SUEZ	360	11	35	02	0	0	—	12.6	18	60	10	0
TOR												
HURGHADA	180	6	12	00	0	0	—	10.1	19	49	8	0
QUSEIR	40	9	15	02	1	2	Ci	11.1	23	61	15	0
PORT SUDAN	310	5	30	02	0	0	—	10.1	24	74	19	0
WADI HALFA												
ABU HAMAD	00	0	30	02	1	0	—		23	20	-1	0
KAREIMA	340	5	30	02	0	0	—	9.4	25	9	-11	0
'ATBARA												
KHARTUM	340	7	30	02	2	4	Cs	7.4	28	10	-6	0
KASSALA	360	2	30	02	0	0	—	5.8	25	26	4	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	5	30	01	1	2	Ci	7.6	27	14	-3	0
EL FASHER	40	12	30	02	1	1	Ci		30	7	-9	0
GENEINA	20	8	30	01	1	2	Cs		30	13	-1	0
MALAKAL												
WAU	130	2	10	05	0	0	—	4.2	33	19	6	0
JUBA	260	2	30	01	2	6	Sc,Ci					0

At 0600 on Wednesday 28th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SIDI BARANI																			
MATRUH	260	19	14	03	2	7	Cu,Sc	17.1	+1.2	14	18		11		67	8	0	Rain	
EL DABA																			
ALEXANDRIA	290	22	50	03	1	6	Cb	15.4	+0.1	16	20	-2	13	-1	49	5	0	61	180
FOUAD (Airport)	280	16	14	03	8	7	Cu,Sc	15.5		17	21		12		64	10	1	62	137
DAMIETTA	220	5	7	03	1	1	Cu	15.2	0.3	15	25	+4	10	-2	77	11	0	Rain	100
PORT SA'ID	250	15	12	01	0	1	Cu	13.8	-0.6	16	26		13		68	10	0	18	
EL 'ARISH											28	+6							84
DAMANHUR	230	9	7	02	6	2	Cu	16.3	+0.9	14	24	0	10	-1	88	12	2	35	93
MANSURA	270	5	35	00	0	0	—	16.2	+0.7	14	27	+2	10	-1	77	10	0	29	47
TANTA	220	8	35	50	5	8	Ns	17.2	+1.4	14	26	0	8	-2	77	10	dr	23	34
ZAGAZIG	220	1	35	02	0	0	—	16.6	+1.1	14	29	+3	9	-1	67	8	0	Rain	24
ISMA'ILIA	270	5	35	01	0	0	—	16.0		16	28		11		59	8	0	17	
FAROUK (Airport)	250	14	12	01	1	1	Cu	17.3		14	28		11		77	10	0	Rain	
ALMAZA	280	11	12	03	0	2	Sc	16.9	+1.3	14	28		11		67	8	0	12	
EZBEKIYA	270	16	12	00	0	0	—	17.1	+1.5	15	29	+3	11	-1	63	8	0	11	22
GIZA	270	16	12	00	0	0	—	17.2	+1.2	16	29	+3	8	-1	59	8	0	11	21
HELWAN	00	0	15	03	1	4	Sc	17.6	+2.1	13	28	+2	10	-2	67	7	0	12	24
FAIYUM	330	6	35	02	0	0	—	18.0	+2.2	15	29	+2	9	-2	59	7	0	8	7
MINYA	350	8	8	00	0	0	—	18.4	+2.8	14	31		7		59	6	0	3	
ASYUT MANQABAD	310	9	12	00	0	0	—	18.3	+3.1	15	32		11		59	7	0	dr.	
NAG' HAMMADI											30	+1							
QENA	320	2	15	03	1	3	Cu	16.2	+2.0	19	32	-1	9	-4	37	4	0	0	
LUXOR	350	6	50	01	1	4	Ci	14.9	+1.1	20	30	-3	16	0	28	1	0	0	
ASWAN																			
SIWA											22	-5							7
BAHARIYA																			7
FARAFRA											27								
DAKHLA																			
KHARGA	360	11		03	1	2	Ci	17.8	+2.9	16	32	+2	14	+1	32	-1	0	0	
SUEZ	310	4	50	00	0	1	Cu	16.0	+0.5	16	26	0	12	-1	39	2	0	5	14
TOR	340	19	7	00	0	0	—	13.6	-0.1	20			16	+2	33	3	0	4	13
HURGHADA	300	25	30	00	0	0	—	13.0	-0.7	19	26		16		49	8	0	0	
QUSEIR	360	13	30	00	0	0	—	12.3	-1.1	21			17	-1	57	12	0	dr.	4
PORT SUDAN	20	5	50	03	0	1	Cu,ac	10.8		22	28		17		57	13	0	152	95
WADI HALFA	360	28	4	07	1	2	Ci	15.4		19	32		14		26	-1	0	dr.	
ABU HAMAD	360	7	30	03	1	3	ac,Ci			23	33		15		20	-1	0		
KAREIMA	20	2	30	03	0	5	Ci	12.2		21	33		20 ?		23	-1	0	dr.	1
'ATBARA	340	13	10	07	1	5	Cs	10.8		23	34		16		15	-5	0	0.3	2
KHARTUM	20	7	30	02	2	8	Cs	11.1		23	35		16		18	-3	0	dr.	4
KASSALA											38								8
WAD MEDANI	50	9	50	02	2	8	Cc	11.4		20	37		13		18	-5	0	46	12
RENK																			49
ROSEIRES	310	15	35	02	0	0	—	11.0		22	39		19		44	9	0	0	38
EL OBEID	30	12	30	03	1	7	Cs	10.5		24	35		18		9	-11	0	7	16
EL FASHER	320	3	30	02	2	8	Cs			19	34		19		19	-5	0	6	6
GENEINA											35								4
MALAKAL	70	7	30	02	2	8	Cs	9.9		30	39		21		16	1	0	70	93
WAU											40								171
JUBA	180	9	30	03	2	8	ac,Cs	9.8		26	35		23		70	20	0	206	188

HUMIDITY

STATION	Mean of day on 27th %	Diff. from normal
Alexandria	66	+1
Ezbekiya	43	-15
Giza	44	-16
Helwan	52	+8

GIZA

GRASS MINIMUM TEMP. ON 28th 3.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

Pressure mbs	Height above M.S.L. metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 27th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	79	26	21	290	22
950					
900					
850	1483	15	25	240	25
800					
700	3092	3	30	230	35
600					
500	5740	-13		250	62
400	7400	-25		250	66
300	9437	-37		—	—

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 27th At 8h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	157	24	24	190	12
950					
900					
850	1480	13	14	260	13
800					
700	3149	4		250	25
600	4382	-5		260	31
500	5787	-15		260	56
400	7427	-28		270	81
300	9439	-37		290	75

UPPER WIND OBSERVATIONS on 27th

Station	Kharga		Port Said		ELArish		Fouad		Asyut		Dakhla		Minya		Matruh		Hurghada		Siwa		Port Said		Minya		Farouk	
Time	14		14		14		14		14		14		14		14		14	15	14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	180	3	320	14	330	11	300	25	320	19	290	13	280	14	300	28	120	6	280	23	300	14	220	29	340	9
600	180	5	290	16	320	12	300	28	310	11	290	14	280	16	280	27	30	3	280	21	300	14	320	29	320	19
1000	180	3	280	16	300	7	290	31	290	9	300	5	290	19	280	28	240	3	200	27	320	12	310	27	320	26
1500	210	13	250	9			280	30	260	8	280	8	250	8	300	34	280	13	290	30			270	19	260	16
2000	230	10	250	5					250	13	270	10	250	18			280	22	280	28	10	8				
3000			260	6					260	28							300	10	290	36						
4000									270	33																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
Time							2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							280	20					360	17									
600							290	22					350	29									
1000							320	16					340	29									
1500							350	13					330	25									
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time									4						4				4 30		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600									10	21													80	17
1000									360	21					10	21							70	11
1500									360	11					30	24			30	27	40	8	40	25
2000									360	10					10	16			30	18	50	19		
3000															350	10			290	10	30	13		
4000									310	29					280	4			280	12			20	5
5000																			310	11				
6000																			240	9				
7000																			300	17				
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

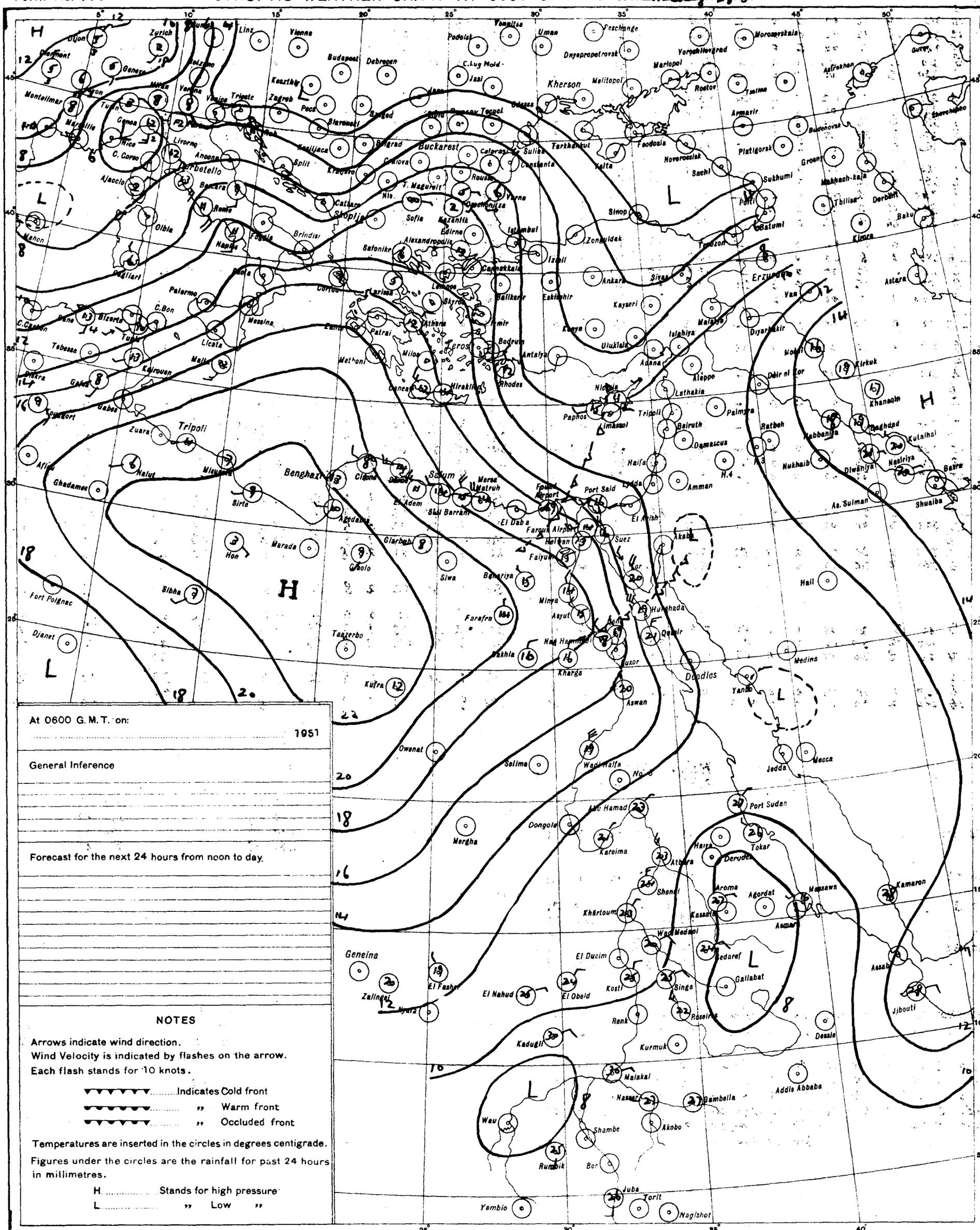
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 28-3-1951.



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... " Warm front
▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	" or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	" " hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
" " hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
" " hail		96
" " Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M. A. H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT — Form 7F.

CAIRO
Time of Sunrise 03 49 G.M.T.
" " Sunset 16 11 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 29th March, 1951

At 1200 on Wednesday 28th / At 1800 on Wednesday 28th

Area	Index Number	Station	12h Wind Dir.	12h Wind Vel. (knots)	12h Visibility (km)	12h Present Weather	12h Past Weather	12h Cloud Amount 0-8	12h Cloud Form	12h Bar. Pressure M.S.L. mbs.	12h Temp. °C.	12h Humidity %	12h Dew Point °C.	18h Wind Dir.	18h Wind Vel. (knots)	18h Visibility (km)	18h Present Weather	18h Past Weather	18h Cloud Amount 0-8	18h Cloud Form	18h Bar. Pressure M.S.L. mbs.	18h Temp. °C.	18h Humidity %	18h Dew Point °C.	18h Rain past 12 hrs mms
MEDITERRANEAN	62300	SALÛM	290	9	35	02	1	5	cu		18	46	6	320	2	15	00	0	0	—	18.8	15	59	7	0
	303	SÎDI BARÂNI	310	17	14	02	0	2	cu	18.5	18	52	8												
	306	MATRÛH	320	22	3	07	2	8	cu, ac	18.3	17	52	7	330	11	9	01	1	0	—	18.7	15	55	6	0
	309	EL DAB'A	320	10	35	01	1	3	cu	16.8	18	46	6	320	9	7	02	2	5	Sc, Cu				5	0
		ALEXANDRIA	310	27	50	03	6	8	cb	16.7	15	77	11	330	22	35	01	5	4	cb	18.3	15	68	9	1
	318	FOUAD (Airport)	330	15	14	25	8	7	cu, sc	16.4	15	72	10	310	14	14	01	1	2	sc	17.9	16	68	10	1
	330	DAMIETTA	270	5	7	03	6	7	cu, sc	15.5	17	68	11	290	5	7	01	1	1	cu	17.4	16	68	10	1
	333	PORT SA'ÎD	300	14	14	01	8	7	cu, sc	15.2	19	52	9	320	19	13	02	2	3	cu, sc	15.0	16	68	10	0.2
	336	EL 'ARISH	290	14	14	03	1	6	Ns	14.1	20	46	8	270	14	10	01	2	2	cb	15.4	16	68	10	0
LOWER EGYPT	339	DAMANHUR	270	9	15	03	6	8	as	16.6	17	68	11	270	5	7	02	1	2	cu	18.2	13	88	11	0.2
	342	MANSURA	270	5	35	50	5	8	Ns	16.3	15	77	11	320	5		00	6	0	—	17.5	14	77	10	2
	348	TANTA	270	5	35	50	5	8	Ns	17.0	18	52	8	270	2	35	02	1	0	—	17.7	13	77	9	0.4
	354	ZAGAZIG	220	2	15	05	1	6	cu	15.4	19	52	9	220	1	35	02	1	0	—	17.8	13	88	11	0
	440	ISMAILIA	270	19	7	06	1	6	ac	15.2	21	41	7	290	2	35	01	0	0	—	17.2	15	68	9	0
	366	FAROUK (Airport)	290	19	15	03	2	7	Sc	16.1	20	30	2	270	5	12	00	1	0	—	18.2	14	67	8	0
	372	ALMÂZA	290	18	14	03	2	7	Sc	15.7	20	33	3	350	9	12	00	0	0	—	18.0	15	68	9	0
		EZBEKÎYA	270	20	18	02	1	7	cb	16.0	20	35	4	00	0	12	02	1	3	cb	18.3	15	68	9	0
		GÎZA	270	20	18	02	1	7	cb	15.9	21	33	4	00	0	12	02	1	3	cb	18.2	15	59	7	0
	378	HELWÂN	290	19	35	02	2	8	cu	16.0	19	32	2	320	7	7	01	1	0	—	18.2	15	59	7	0
UPPER EGYPT	381	FAIYÛM	330	8	35	03	2	6	cu	17.8	21	33	4	360	5	35	01	1	2	st	17.8	17	52	7	0
	387	MINYA	330	15	10	00	1	1	cu	16.9	23	18	-3	350	4	8	00	1	0	—	17.8	14	52	4	0
	393	ASYÛT MANQABÂD	340	15	30	00	0	0	—	16.6	22	17	-4	280	3	8	00	0	0	—	17.8	16	42	3	0
	399	NAG' HAMMADI	360	8	35	00	0	0	—	15.4	23	32	5	360	3	15	00	0	0	—	16.2	18	46	6	0
	402	QENA	320	3	50	00	0	0	—	14.7	25	17	-2	320	2	7	00	0	0	—	16.4	20	24	-1	0
	405	LUXOR	300	17	15	07	3	0	—	14.0	24	34	7	290	10	12	00	0	0	—	15.8	19	37	4	0
	414	ASWAN	330	3	50	00	0	0	—	13.2	30	13	-1												
OASES	417	SÎWA	280	8	13	00	0	0	—	20.8	20	56	11	270	2	10	00	0	0	—	20.2	16	45	4	0
	420	BAHARÎYA												320	3	15	02	0	0	—	19.0	17	42	4	0
	423	FARAFRA	320	5	35	02	0	0	—	19.8	21	33	4	320	2	50	02	0	0	—	20.2	15	34	-1	0
	432	DAKHLA	340	8	50	00	0	0	—	18.7	21	20	-3	340	11	50	00	0	0	—	19.2	19	23	-3	0
	435	KHARGA	20	11	7	00	0	0	—	16.8	23	24	1	20	1	15	00	0	0	—	16.6	18	28	-1	0
RED SEA	450	SUEZ	270	5	50	03	0	6	cu	14.6	22	29	3	310	4	35	01	0	2	cu	16.8	16	59	8	0
	459	TÔR	310	24	7	07	0	0	—	12.7	22	17	-4	20	19		00	0	0	—	15.5	20	24	-1	0
	462	HURGHADA	330	25	30	02	0	1	cu, ac	11.7	21	50	10	290	22	10	00	0	0	—	13.1	20	56	11	0
	465	QUSEIR	360	19	15	01	0	0	—	11.5	23	50	12	330	19	15	02	0	0	—	13.5	20	56	11	0
	641	PORT SÛDÂN	60	13	50	02	1	4	ac	8.5	29	52	18	130	4	30	01	1	0	—	10.6	25	74	20	0
NORTHERN SÛDÂN	600	WÂDI HALFA	360	20	4	07	3	0	—	13.9	27	14	-3	330	16	7	05	0	0	—	15.4	21	17	-5	0
	640	ABU HAMAD	270	5	30	02	1	3	AC		33	21	3	270	10	30	02	0	0	—		26	20	1	0
	660	KAREIMA												10	14	30	02	1	0	—	11.8	27	15	-2	0
	680	'ATBARA	20	13	10	07	1	5	ac, cs	6.3	34	6	-9	360	5	30	01	1	3	ac, ci	8.6	27	14	-3	0
	721	KHARTÛM	350	15	30	02	2	7	cs	6.7	34	7	-7												
	730	KASSALA	300	4	30	01	2	6	ci	3.7	37	12	3												
CENTRAL SÛDÂN	751	WAD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID												30	3	30	01	1	4	ci	8.3	27	12	-5	0
	760	EL FASHER																							
	770	GENEINA	70	9	30	03	1	7	Sc, ci		35	8	-5	30	6	30	02	2	4	ac		28	14	-2	0
S. SÛDÂN	840	MALAKÂL	70	7	30	02	2	8	ci	4.9	37	6	-6	360	5	30	02	2	8	ac	5.7	30	19	4	0
	880	WAU	50	5	30	03	1	7	ac, cs	3.5	37	18	9	20	5	30	00	2	0	—	4.5	31	28	10	0
	941	JUBA	130	5	30	03	6	8	cb, ac	5.2	33	38	17												

At 0600 on Thursday 29th March

Wind Dir.	Wind Vel. (knots)	Visibility (km)	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity %	Dew Point °C.	Rain Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.	Station
250	5	15	00	0	0	—	18.6	+3.1	14	20	-3	10	-2	67	8	0	90		SALUM
190	12	14	00	0	0	—			14						12	0	108		SÎDI BARÂNI
260	9	14	00	0	0	—	18.8	+2.9	14	20		8	-4	67	8	0	Rain		MATRÛH
270	9	15	01	1	3	cu	18.2		13	18		9		67	7	0	54		EL DAB'A
310	15	50	03	2	4	cu	18.7	+3.5	16	18	-4	14	0	59	8	1	62	180	ALEXANDRIA
280	7	14	03	1	4	Sc	18.6		16	19		12		59	8	1	63	137	FOUAD (Airport)
220	5	7	03	2	8	cu, Sc	17.6	+2.5	15	19	-2	9	-3	72	10	1	Rain	101	DAMIETTA
280	12	12	01	0	1	Sc	16.4	+2.1	16	21		14		77	12	0.2	18		PORT SA'ÎD
										20	-2							84	EL 'ARISH
270	9	7	02	0	0	—	19.1	+3.7	15	18	-6	11	0	77	11	0.2	35	93	DAMANHÛR
320	5	35	00	0	0	—	18.7	+3.2	15	20	-5	10	-1	77	11	2	31	47	MANSÛRA
270	2	35	02	0	0	—	18.2	+2.5	14	21	-5	8	-2	77	10	0.4	23	34	TANTA
220	1	35	02	0	0	—	18.4	+2.9	12	23	-3	8	-2	88	10	0	Rain	24	ZAGAZIG
290	5	35	01	0	3	ac	18.6		16	22		11		68	10	0	17		ISMAÎLIA
260	6	18	01	0	0	—	19.3		15	20		11		63	8	0	Rain		FAROUK (Airport)
290	6	14	00	0	0	—	19.1	+3.6	15	20		11		68	9	0	12		ALMÂZA
00	0	12	00	0	0	—	19.4	+3.9	15	22	-4	11	-1	68	9	0	11	22	EZBEKÎYA
00	0	12	00	0	0	—	19.0	+3.1	16	22	-4	7	-2	68	10	0	11	21	GÎZA
00	0	3	05	0	0	—	19.8	+4.4	13	20	-6	10	-2	77	9	0	12	24	HELWÂN
00	0	35	01	0	0	—	19.9	+4.1	15	23	-4	9	-2	68	9	0	8	7	FAIYÛM
350	3	8	00	0	0	—	19.9	+4.3	13	24		7		77	9	0	3		MINYA
320	3	8	11	0	0	—	20.2	+5.1	14	23		9		63	7	0	dr.		ASYÛT MANQABÂD
00	0	15	00	0	0	—	19.1	+4.7	15	24	-5	8	-2	68	9	0	0.1		NAG' HAMMÂDI
290	2	15	00	0	0	—	17.6	+3.5	17	27	-6	11	-2	42	4	0	0		QENA
340	3	30	00	0	0	—	17.9	+3.7	18	26		11		40	4	0	0		LUXOR
350	5	50	00	0	0	—	17.6	+3.9	16			12	-4	39	2	0	0		ASWÂN
00	0	12	00	0	0	—	20.8	+3.9	14	22	-5	6	-4	52	4	0	dr.	7	SÎWA
270	2	35	02	0	0	—	20.2	+3.9	15	22	-5	7	-3	68	9	0	0	7	BAHARÎYA
00	0	35	02	0	0	—	21.0		15	22		8		48	4	0	dr.		FARAFRA
00	0	50	00	0	0	—	19.9	+4.6	12	24	-7	7	-5	33	-4	0	0		DAKHLA
10	1	7	00	0	0	—	16.8	+2.0	16	24	-7	11	-2	52	6	0	0		KHARGA
310	4	50	00	0	2	ac	18.4	+2.9	17	24	-2	11	-2	60	9	0	5	14	SUEZ
340	9	7	00	0	0	—	16.6	+3.0	18	24	-2	15	+1	52	8	0	4	13	TÔR
290	20	30	03	1	2	cu	16.6	+3.0	17	21		13		56	8	0	0		HURGHADA
																		4	QUSEIR
340	17	10	03	0	3	cu, ci	14.3		25	29		21		74	20	0	152	95	PORT SÛDÂN
										29									WÂDI HALFA
340	11	10	05	1	3	ac			19	34		15		28	0	0			ABU HAMAD
40	11	30	02	0	3	ac	16.8		17	34		15		26	-3	0	dr.	1	KAREIMA
20	13	10	07	1	5	ac, ci	13.5		21	35		18		18	-4	0	0.3	2	'ATBARA
340	14	10	06	2	7	ac, ci	13.3		23	34		19		24	1	0	dr.	4	KHARTÛM
20	2	30	03	0	1	ac	9.4		23	37		16		27	3	0	3	8	KASSALA
																		12	WÂD MEDANI
																		49	RENK
																		38	ROSEIRES
30	22	4	05	2	1	ci	12.6		23	35		18		19	-2	0	7	16	EL OBEID
40	11	30	01	2	6	ac, ci			21	35		16		20	-3	0	6	6	EL FÂSHER
30	15	7	05	2	6	ac, ci			23	36		19		12	-8	0		4	GENEINA
30	21	30	03	1	4	ac, ci	9.1		27	38		20		35	10	0	70	93	MALAKÂL
50	1	30	02	2	8	ac, ci	8.6		27	38		22		27	6	9	145	172	WÂU
180	5	50	03	2	8	cu, Sc	7.7		29	36		24		59	20	dr.	206	189	JUBA

HUMIDITY % Mean of day

Station	on 28th	Diff. from normal
Alexandria	56	-9
Ezbakiya	59	+1
Gîza	57	-3
Helwan	58	+14

GÎZA
Grass minimum temp. on 29th 3.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 28th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	138	18	60	330	20
950					
900					
850	1499	6	76	290	22
800					
700	3057	-5		300	32
600					
500	5646	-19		320	69
400	7273	-31			
300	9278	-40			

... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs AIRPORT — On 28th At 8h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	195	17	72	280	12
950					
900					
850	1500	4	81	290	17
800					
700	3097	-2	75		
600	4294	-13			
500	5665	-24	77		
400	7258				
300	9253	-39			

UPPER WIND OBSERVATIONS on 28th

(Dir. Vel. per station)

Station	Farouk	Port Said	Asyut	Dakhla	Minya	Kharga	Fouad	Arish	Hurghada		Fouad	Farouk	Minya
Time	15	14	14	14	14	14	14	13 30	14 15		20	20	20
300	330 23	320 23	330 23	340 31	310 16	10 23	320 27	270 30	340 35		320 17	310 14	350 23
600	320 24	310 22	330 22	340 35	320 18	20 30	310 25	260 48	330 27		310 22	310 19	10 30
1000	300 23	320 16	330 17	340 43	320 22	20 30	310 27	260 44	320 26		310 18	310 19	360 22
1500	290 22	310 40	320 26		310 17		300 26		310		300 13	320 22	320 20
2000	290 22	320 37	320 27									320 23	300 20
3000	300 32		320 24									320 30	
4000			330										
5000													
6000													
7000													
8000													

UPPER WIND OBSERVATIONS on 29th

(Dir. Vel. per station)

Station	SÎDI BARÂNI	MATRÛH	FOUAD AIRPORT	PORT SAÎD	EL 'ARÎSH	HELWÂN	MINYA	ASYÛT MANQABÂD	LUXOR	ASWÂN	HURGHADA	Farouk A.P.
Time			2	2			2					2
300			300 11	290 9			10 17					250 8
600			290 19	300 10			350 16					300 14
1000				320 9			330 24					330 17
1500				340 7			330 25					
2000							330 30					
3000												
4000												
5000												
6000												
7000												
8000												

Station	SÎWA	BAHARÎYA	DAKHLA	KHARGA	WÂDI HALFA	ABÛ HAMAD	KAREIMA	KHARTÛM	KASSALA	EL OBEID	EL FÂSHER	MALAKÂL
Time						4			4	4 15	5	4
300						30 19			360 21			20 29
600						30 23			10 21	20 40	40 15	20 46
1000						30 12			20 18	30 21	50 13	30 19
1500						320 12			340 7	330 21	70 13	
2000									240 13		360 14	
3000												
4000												
5000												
6000												
7000												
8000												

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

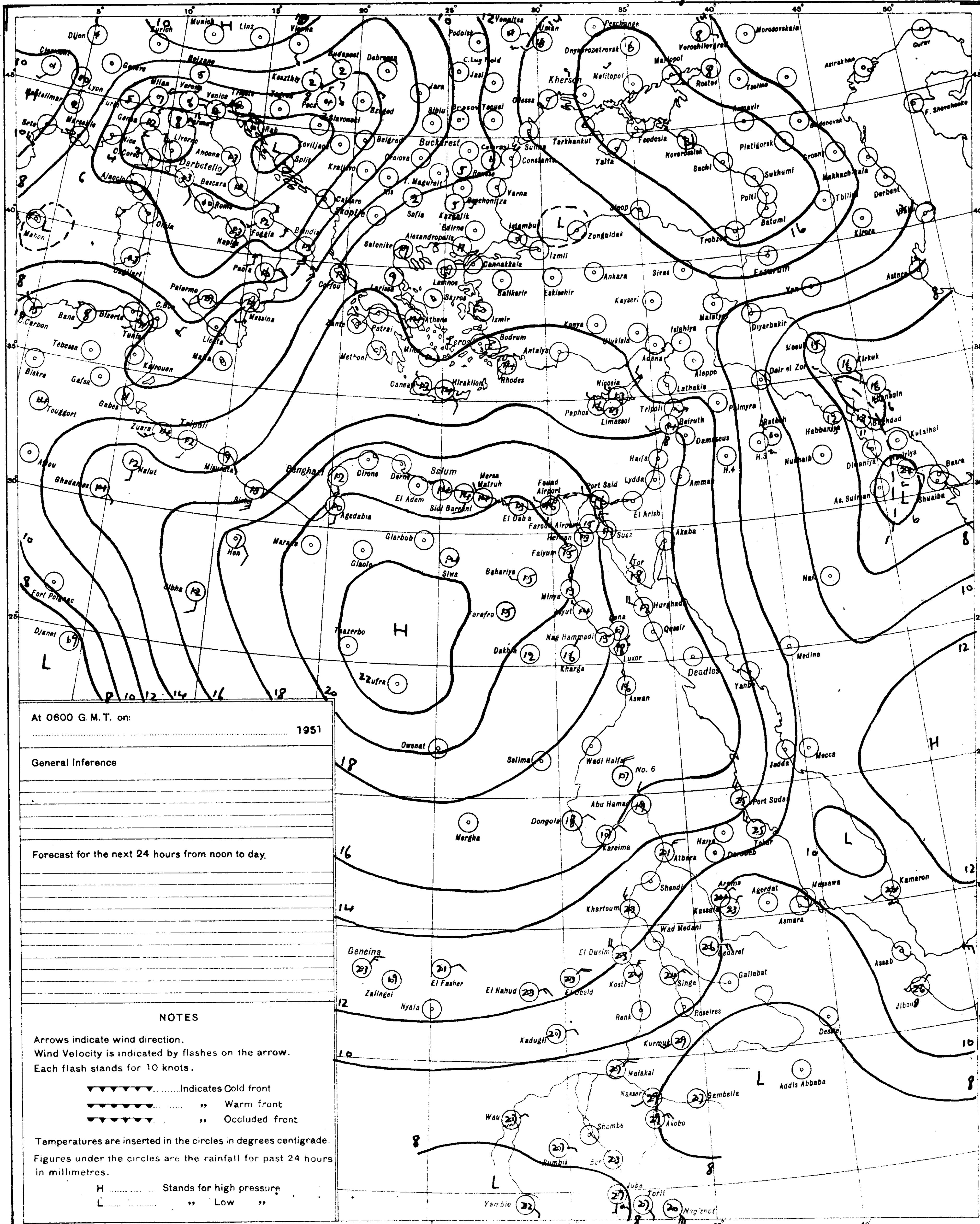
Printed by the Survey of Egypt 1943 (49/557).(50/531)

Annual Subscription P.T. 150

...AY 24 1951

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 29-3-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze *(vis less than 1000 m.)* 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 48 G.M.T.
" " Sunset 16 12 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 30th March, 1951

MAY 24 1951

At 1200 on Thursday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	13	35	00	0	1	Ci	15.8	20	41	6
	303	SÎDI BARÂNI	310	8	18	00	0	0	—	16.7	19	49	8
	306	MATRÛH	30	8	15	03	0	2	Ci	17.3	19	46	7
	309	EL DABA	320	8	35	00	0	0	—	17.2	19	46	7
		ALEXANDRIA	270	12	50	02	2	5	Cu	17.9	19	52	9
	318	FOUAD (Airport)	290	13	18	02	1	5	Cu, ac	17.8	20	56	11
	330	DAMIETTA	340	5	35	01	1	2	Cu	16.6	18	73	13
	333	PORT SA'ÎD	350	16	30	01	1	1	Sc	15.5	18	73	13
	336	EL 'ARISH	290	10	14	02	1	3	Cb	15.2	19	64	12
Lower Egypt	339	DAMANHUR	270	13	75	02	1	4	Cu	18.4	19	64	12
	342	MANSURA	270	5	35	03	2	5	Cu	17.1	23	38	8
	348	TANTA	210	8	35	01	1	4	Cu, Sc	18.2	21	41	7
	354	ZAGAZIG	220	2	50	03	1	3	Cu	17.2	23	44	10
	440	ISMAÎLIA	340	5	35	03	1	4	Cu	16.7	22	44	9
Cairo Area	366	FAROUK (Airport)	290	6	18	01	1	1	Sc	17.4	20	38	5
	372	ALMAZA	290	8	15	00	0	0	—	16.7	22	36	6
		EZBEKÎYA	00	0	18	00	0	0	—	16.6	22	38	7
		GÎZA	00	0	18	00	0	0	—	17.0	23	38	8
	378	HELWÂN	290	3	15	01	0	0	—	17.0	20	41	6
Upper Egypt	381	FAIYÛM	330	6	35	02	0	0	—	17.7	22	44	9
	387	MINYA	350	7	10	00	1	0	—	17.1	23	29	4
	393	ASYÛT MANGABÂD	330	10	30	00	0	0	—	16.9	22	31	4
	399	NAG' HAMMÂDI	360	4	35	00	0	0	—	15.6	25	34	8
	402	QENA	40	2	50	00	0	0	—	14.4	28	19	2
	405	LUXOR	340	8	30	00	0	0	—	14.4	26	37	10
	414	ASWÂN	350	7	50	00	0	0	—	14.6	26	25	4
Oases	417	SÎWA	330	5	14	00	0	0	—	19.4	23	53	13
	420	BAHARÎYA	360	3	35	02	0	0	—	18.0	22	36	6
	423	FARAFRA	360	1	35	02	0	0	—	18.8	24	32	6
	432	DAKHLA	340	11	50	00	0	0	—	18.6	23	24	1
	435	KHARGA	360	4	15	00	0	0	—	16.4	24	26	3
Red Sea	450	SUEZ	360	4	50	02	0	2	Cu	15.9	22	29	3
	459	TÛR	310		15	02	0	0	—	14.7	21		
	462	HURGHADA	220	18	30	00	0	0	—	15.2	20	56	11
	465	QUSEIR	20	13	15	02	0	0	—	14.9	21	50	10
	641	PORT SUDÂN	40	20	7	07	2	8	Cu, ac	11.3	27	55	17
North Sudan	600	WÂDI HALFA	360	16	50	02	0	0	—	14.7	25	11	-8
	640	ABU HAMAD	350	8	30	02	0	2	ac		29	11	-5
	660	KAREIMA	40	9	30	02	1	3	ac	11.4	29	15	0
	680	'ATBARA	340	9	30	02	1	3	ac, Ci	7.6	31	13	0
	721	KHARTÛM	360	14	30	02	0	1	Ci	7.6	31	11	-3
	730	KASSALA	40	3	30	02	0	1	ac	3.2	36	13	3
Central Sudan	751	WÂD MEDANI	360	9	35	02	1	3	Cc	5.1	34	9	-4
	801	RENK											
	802	ROSEIRES	50	9	35	02	0	0	—	4.6	36	12	2
	771	EL OBEID	50	17	10	04	2	2	ac, Ci	6.4	32	8	-6
	760	EL FÂSHER	60	7	7	05	2	5	ac		30	9	-6
	770	GENEINA	60	15	10	04	1	6	Ci		34	6	-8
S. Sudan	840	MALAKÂL	20	17	30	02	2	8	Cs	3.2	38	10	1
	880	WÂU	50	13	35	01	2	1	Ci	1.3	34	27	12
	941	JUBA	50	5	50	91	9	8	Sc, ac	2.6	32	41	17

At 1800 on Thursday 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALÛM	00	0	15	00	0	0	—	15.9	16	68	10	0
SÎDI BARÂNI	00	0	13	01	0	0	—		15	72	10	0
MATRÛH	180	2	14	02	0	2	Ci	17.3	14	55	5	0
EL DABA	00	0	7	00	0	0	—	16.7	14	77	10	0
ALEXANDRIA	330	11	35	00	0	0	—	17.4	16	68	10	0
FOUAD (Airport)	340	3	12	01	1	2	Ci	17.3	14	77	10	0
DAMIETTA	290	2	7	02	1	2	Cu	17.4	16	77	12	0
PORT SA'ÎD												
EL 'ARISH	290	6	12	00	0	0	—	16.2	16	77	12	0
DAMANHUR	270	9	7	02	1	1	Cu	18.3	14	77	10	0
MANSURA	320	5		00	1	0	—	17.5	16	59	8	0
TANTA	00	0	35	02	1	0	—	17.3	16	77	12	0
ZAGAZIG	320	1	35	02	1	0	—	17.5	15	77	11	0
ISMAÎLIA	360	5	35	01	0	0	—	17.5	16	68	10	0
FAROUK (Airport)	340	9	12	00	0	0	—	17.5	17	60	9	0
ALMAZA	10	9	12	00	0	0	—	17.3	17			0
EZBEKÎYA	360	4	12	00	0	0	—	17.6	17	60	9	0
GÎZA	360	4	12	00	0	0	—	17.6	16	68	10	0
HELWÂN	340	12	15	02	0	0	—	17.4	18	49	7	0
FAIYÛM												
MINYA	00	0	8	00	0	0	—	17.0	16	52	6	0
ASYÛT MANGABÂD	00	0	10	00	0	0	—	16.4	18	52	8	0
NAG' HAMMÂDI	360	2	15	00	0	0	—	16.0	19	52	9	0
QENA	320	2	7	00	0	0	—	15.9	19	37	4	0
LUXOR	250	5	12	00	0	0	—	14.4	20	64	13	0
ASWÂN												
SÎWA	00	0	10	00	0	0	—	18.3	17	52	7	0
BAHARÎYA	320	2	15	02	0	0	—	18.2	19	37	4	0
FARAFRA	00	0	15	02	0	0	—	18.0	17	42	4	0
DAKHLA	320	4	50	00	0	0	—	17.2	21	27	1	0
KHARGA	00	0	15	00	0	0	—	17.6	20	33	3	0
SUEZ	360	8	35	01	0	0	—	16.2	18	60	10	0
TÛR	20	13		00	0	0	—	15.9	21	33	4	0
HURGHADA	320	16	10	00	0	0	—	14.3	20	60	12	0
QUSEIR												
PORT SUDÂN	340	13	30	01	1	3	ac	12.7	23	69	17	0
WÂDI HALFA												
ABU HAMAD	360	7	30	02	0	0	—		23	24	1	0
KAREIMA	20	2	30	02	0	0	—	11.6	23	15	-5	0
'ATBARA	340	5	30	01	1	0	—	8.6	27	9	-8	0
KHARTÛM	320	9	30	01	1	3	ac, Ci	9.0	26	16	-2	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	30	7	30	01	2	5	Ci	5.3	28	14	-2	0
WÂU	360	2	30	01	1	1	Ci	5.6	30	22	6	0
JUBA	00	0	50	01	2	7	ac, Ci		30	49	18	dr

At 0600 on Friday 30th March,

Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	14	15	00	0	0	—	16.4		17	21		12		26	-3	0	90	
SÎDI BARÂNI	220	5	14	00	0	0	—	16.2		15	21		8		48	4	0	108	
MATRÛH	270	12	15	03	0	1	Ci	16.7	+0.9	16	20		10				0	Rain	
EL DABA	250	2	15	00	0	0	—	16.8		16	19		8		49	5	0	54	
ALEXANDRIA	130	10	50	00	0	0	—	17.8	+2.7	17	20	-2	12	-2	60	9	0	62	181
FOUAD (Airport)	180	4	12	02	0	0	—	18.0		16	20		11		68	10	0	63	137
DAMIETTA	200	2	7	01	1	1	Cu	18.4	+3.3	15	19		9		77	11	0	Rain	101
PORT SA'ÎD	260	10	14	02	0	0	—	17.0	+2.8	15			14		72	10	0	18	
EL 'ARISH	220	9	35	03	2	6	Cu	17.6	+2.6	20			13	+2	56	11	0	Rain	84
DAMANHUR	270	9		02	0	0	—	18.4	+3.1	15	20	-5	11	0	77	11	0	35	93
MANSURA	40	5	35	00	0	0	—	19.0	+3.6	14	24	-1	9	-2	77	10	0	31	47
TANTA	00	0	35	02	0	0	—	19.0	+3.4	15	23	-3	7	-3	77	11	0	23	34
ZAGAZIG	00	0	35	02	0	0	—	18.8	+3.4	14	27	+1	9	-1	77	10	0	Rain	24
ISMAÎLIA	200	2	35	02	0	0	—	18.6		17	23		11		60	9	0	17	
FAROUK (Airport)	00	0	13	00	0	0	—	18.4		15	22		11		63	8	0	Rain	
ALMAZA	00	0	12	00	0	0	—	18.1	+2.6	15	22		10		48	4	0	12	
EZBEKÎYA	180	4	12	00	0	0	—	18.3	+2.8	15	23	-3	10	-2	52	5	0	11	22
GÎZA	180	4	12	00	0	0	—	18.0	+2.1	18	24	-2	7	-2	52	8	0	11	21
HELWÂN	00	0	15	00	0	0	—	18.7	+3.3	16	22	-4	11	-1	69	8	0	12	24
FAIYÛM	00	0	35	02	0	0	—	18.6	+2.9	17			9	-2	68	11	0	8	7
MINYA	00	0	8	00	0	0	—	18.6	+3.1	16			7		59	8	0	3	
ASYÛT MANGABÂD											23								
NAG' HAMMÂDI	00	0	15	00	0	0	—	18.0	+4.0	18	26	-3	9	-2	52	8	0	0.1	
QENA	270	2	15	00	0	0	—	17.2	+3.2	19	30	-3	12	-2	37	4	0	0	
LUXOR	90	2	30	00	0	0	—	17.2	+3.0	18	28		10		46	6	0	0	
ASWÂN	350	4	50	00	0	0	—	17.3	+3.7	18			14	+4	49	7	0	0	
SÎWA	00	0	12	00	0	0	—	18.8	+2.0	14	25	-2	6	-4	55	5	0	dr	7
BAHARÎYA	320	1	35	02	0	0	—	19.4	+3.2	16	25	-3	7	-3	42	3	0	0	7
FARAFRA	00	0	35	02	0	0	—	19.5		14	25		5		48	3	0	dr	
DAKHLA	00	0	50	00	0	0	—	19.2	+4.0	15	25	-6	9	-3	39	1	0	0	
KHARGA	00	0	15	00	0	0	—	17.9	+3.2	18	25	-6	11	-2	46	6	0	0	
SUEZ	360	4	50	00	0	0	—	17.9	+2.5	15	24	-2	10	-3	77	11	0	5	14
TÛR	240	24	15	00	0	0	—	16.2	+2.6	20	22	-4	13	-1	33	3	0	4	13
HURGHADA	290	13	18	00	0	0	—	16.3	+2.8	19	21		13		56	10	0	0	
QUSEIR	330	13	15	02	0	0	—	16.4	+3.1	20			16	-2	46	8	0	dr	4
PORT SUDÂN	340	15	30	02	0	0	—	14.7		23	28		19		65	16	0	152	95
WÂDI HALFA																			
ABU HAMAD	350	7	30	02	0	0	—			20	30		15		26	0	0		
KAREIMA	50	10	30	02	0	0	—	13.2		19	29		16		19	-5	0	dr	1
'ATBARA	20	9	30	02	0	0	—			21	32		17		21	-2	0.3	2	
KHARTÛM	10	15	30	02	0	1	Ci	11.5		22	32		17		20	-2	0	dr	4
KASSALA	40	9	30	02	0	1	ac	10.1		24	37		18		50	13	0	3	8
WÂD MEDANI	50	9	35	02	1	4	Ci	10.2		22	35		13		13	-8	0	46	12
RENK																			49
ROSEIRES	00	0	18	02	0	0	—	8.0		26	41		19		18	0	0	0	38
EL OBEID	10	10	30	02	0	1	Ci	11.9		20			15		60	12	0	7	16
EL FÂSHER	40	4	10	02	0	2	Ci			16	32		13		17	-9	0	6	6
GENEINA	50	10	30	03	0	1	Ci			19	35		16		16	-8	0		4
MALAKÂL	20	18	30	02	2	8	—	9.2			38		24			-7	0	70	93
WÂU	20	9	30	02	1	4	ac, Ci	8.5		24	36		21		28	4	0	145	173
JUBA	50	2	15	02	2	3	ac, Ci	8.1		23	35		21		57	14	dr	206	190

HUMIDITY %

Mean of day

Station	on 29th	Diff. from normal
Alexandria	62	-3
Ezbeklya	59	+1
Gîza	60	0
Helwân	56	+12

GÎZA
GRASS MINIMUM TEMP. ON 30th 3.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On 29th At 15					
1000	139	21	41	330	9
950					
900					
850	1514	9	67	300	12
800					
700	3110	4		310	23
600					
500	5747	-16		310	33
400	7387	-29		310	39
300	9381	-44		300	43
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 29th

Height m.	Farouk Dir.	Vel.	S. Barrani Dir.	Vel.	Kharga Dir.	Vel.	El Arish Dir.	Vel.	Minya Dir.	Vel.	Matruh Dir.	Vel.
Time	15		14		14		13 30		14		14	
300	330	10	310	12	360	16	320	16	350	14	90	9
600	320	10	290	16	360	19	320	17	340	17	50	12
1000	310	11	270	20	10	23			330	16	10	11
1500	300	12	270	18			270	17	300	23		
2000	310	16	300	17								
3000	310	23	290	21								
4000												
5000	310	33										
6000	310	35										
7000	300	43										
8000												

Height m.	Hurghada Dir.	Vel.	Siwa Dir.	Vel.	Dakhla Dir.	Vel.	Asyut Dir.	Vel.	Fouad Dir.	Vel.	Farouk Dir.	Vel.	Port Said Dir.	Vel.
Time	14		14		14		14		20		20		20	
300	340	23	240	19	330	11	320	10	270	5	330	10	290	9
600	330	30	250	22	350	14	330	16	280	8	320	8	330	7
1000	310	25	240	20	360	13	330	16	300	25	290	7	360	9
1500	310	18	250	16	10	16	340	13	290	30	280	16	300	10
2000	320	26	270	17	10	14	350	19			300	27		
3000	330	25	290	14			330	15						
4000			290	16			330	13						
5000			300	21										
6000			290	26										
7000														
8000														

UPPER WIND OBSERVATIONS on 30th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Mangabâd Dir.	Vel.
Time	8		8		2		2		7 45				2			
300	260	14	290	13	250	4	290	9	270	11			20	7		
600	260	8	300	10	300	7	330	7	280	10			330	11		
1000	290	3	330	9	300	18	360	9	270	9			340	10		
1500	350	5	350	8	320	23	300	10								
2000	300	7	310	10												
3000	320	8	300	10												
4000	340	3	340	6												
5000			330	13												
6000			320	13												
7000																
8000																

Height m.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farouk Dir.	Vel.
Time	4 30				8		8	
300	340	6			320	22	240	4
600					310	18	280	8
1000	360	7			330	16	300	8
1500	340	10			310	20		
2000	330	10			300	14		
3000	340	13			320	18		
4000	330	4						
5000								
6000								
7000								
8000								

Height m.	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.
Time	8		8				8								4	
300	160	10	20	10			30	3								
600	160	7	360	13			360	3							10	25
1000	190	6	340	20			10	4							30	30
1500	220	10	340	13			360	13							310	15
2000	280	8					350	26								
3000	290	16														
4000	270	18														
5000	290	13														
6000	300	15														
7000	280	25														
8000																

Height m.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time							4	
300								
600							10	25
1000							10	32
1500							20	15
2000								
3000								
4000								
5000								
6000								
7000								
8000								

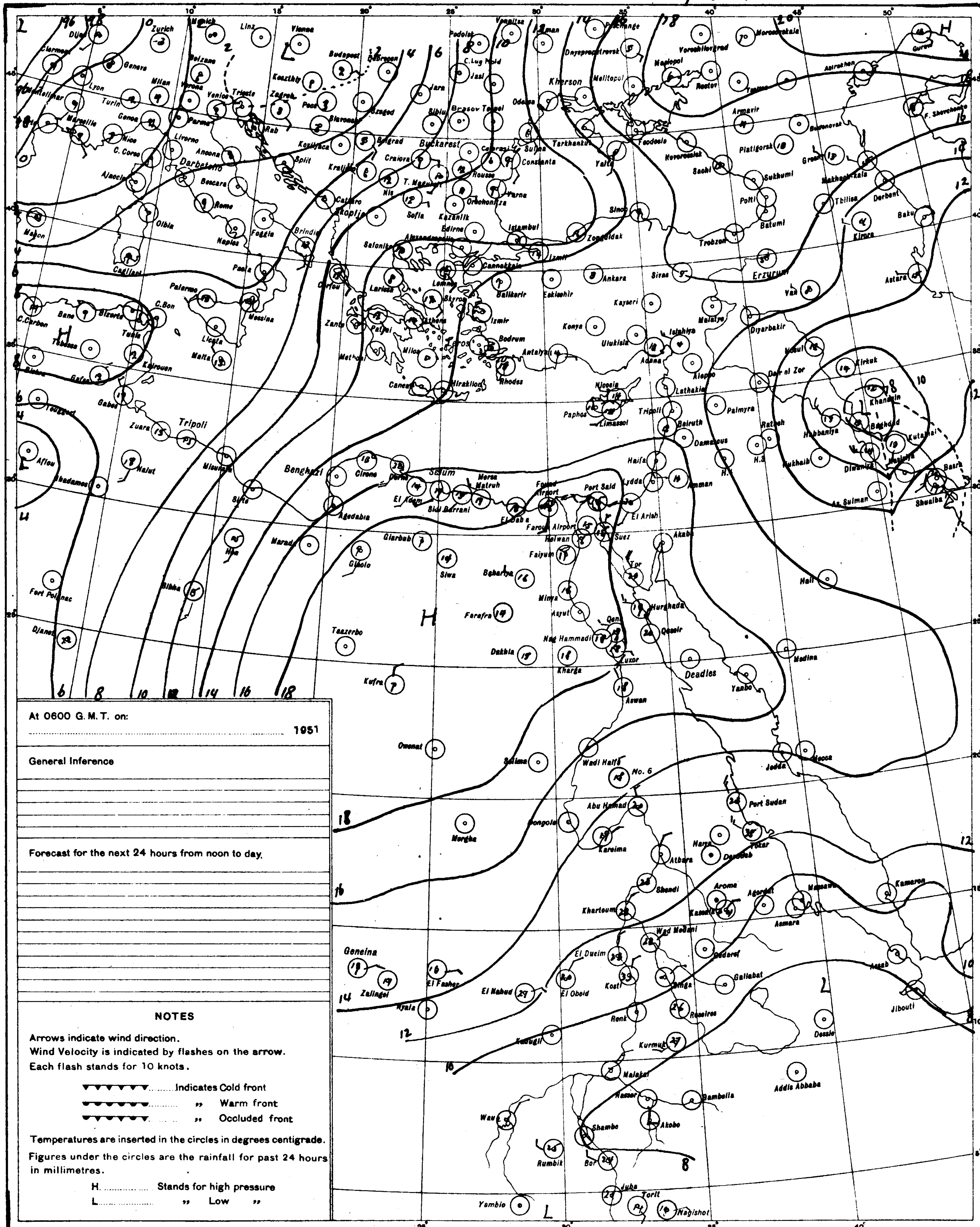
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 3a-3* 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

.... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H. .... Stands for high pressure
L. .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 47 G.M.T.
" " Sunset 16 13 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 31st March, 1951

MAY 24 19 WEATHER BU

At 1200 on Friday 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	70	9	35	00	0	0	—	15.2	25	22	2
	303	SIDI BARANI	320	8	18	03	0	1	Ci	16.4	22	47	10
	306	MATRUH	20	13	15	00	0	0	—	17.3	22	29	3
	309	EL DABA	320	6	35	00	0	0	—	17.8	22	36	6
		ALEXANDRIA	310	11	50	00	0	0	—	17.4	20	56	11
	318	FOUAD (Airport)	340	9	18	02	0	0	—	17.1	21	44	8
	330	DAMIETTA	340	5	35	02	1	1	Cu	17.4	19	64	12
	333	PORT SAID	360	7	30	02	0	0	—	16.2	20	53	10
	336	EL 'ARISH	320	9	18	01	1	1	Cb	16.9	19	68	13
Upper Egypt	339	DAMANHUR	270	5	15	02	0	0	—	18.2	23	38	8
	342	MANSURA	320	5	35	00	0	0	—	17.1	23	38	8
	348	TANTA	270	5	35	01	1	4	Cu, Sc	17.6	25	34	8
	354	ZAGAZIG	320	1	35	02	0	0	—	16.7	25	42	11
	440	ISMAILIA	20	2	35	01	0	0	—		23	33	8
Cairo Area	366	FAROUK (Airport)	290	9	30	00	0	0	—	17.1	23	29	4
	372	ALMAZA	10	8	18	00	0	0	—	16.6	24	28	4
		EZBEKIYA	320	6	18	00	0	0	—	16.6	24	26	3
		GIZA	320	6	18	00	0	0	—	16.7	24	26	3
	378	HELWAN											
Upper Egypt	381	FAIYUM	330	6	35	02	0	0	—	17.8	25	28	5
	387	MINYA	340	6	12	00	0	0	—	16.6	27	19	1
	393	ASYUT MANQABAD	320	5	30	00	0	0	—	15.7	26	21	2
	399	NAG' HAMMADI	360	1	15	00	0	0	—		26	30	7
	402	QENA	290	2	50	00	0	0	—	13.9	30	16	1
	405	LUXOR	360	5	30	00	0	0	—	14.2	28	29	8
	414	ASWAN	330	4	50	00	0	0	—	13.9	28	16	0
Oases	417	SIWA	190	2	14	03	0	2	Cs	18.2	27	13	-4
	420	BAHARIYA	360	3	35	02	0	0	—	17.2	27	20	2
	423	FARAFRA	90	1	35	02	0	0	—	16.2	27	27	6
	432	DAKHLA	320	4	15	00	0	0	—	16.7	27	15	-2
	435	KHARGA	40	4	15	00	0	0	—	15.9	27	20	2
Red Sea	450	SUEZ	360	9	50	02	0	0	—	15.5	23	32	5
	459	TOR											
	462	HURGHADA											
	465	QUSEIR	20	13	15	02	0	0	—	14.8	22	50	11
	641	PORT SUDAN	30	21	7	07	0	0	—	10.8	27	66	20
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	20	10	30	02	0	0	—		32	18	5
	660	KAREIMA	40	10	30	02	0	0	—	9.6	32	7	-8
	685	'ATBARA	20	13	10	07	0	0	—	7.2	32	7	-9
	721	KHARTUM	40	11	30	02	0	1	Ci	7.2	32	17	4
	730	KASSALA	360	8	30	02	0	0	—	3.7	35	18	7
Central Sudan	751	WAD MEDANI											
	801	RENK	310	9	35	02	0	3	Ci	5.6	36	12	2
	802	ROSEIRES											
	771	EL OBEID	10	14	30	03	0	4	Ci	6.9	31	8	-7
	760	EL FASHER	90	9	30	02	0	1	Ci		31	8	-7
	770	GENEINA	90	9	30	03	0	1	Ac		33	9	-4
S. Sudan	840	MALAKAL	20	11	30	02	2	8	Ci	3.5	36	6	-7
	880	WAU	50	8	30	03	1	7	Cs	4.0	38	6	-5
	941	JUBA	360	5	10	05	2	8	Ac, Cs	2.8	36	9	-2

At 1800 on Friday 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	130	6	14	02	0	2	Ci	17.1	17	68	11	0
MATRUH			15	00	0	0	—	18.2	14	67	8	0
EL DABA	00	0	7	00	0	0	—	17.9	15	77	11	0
ALEXANDRIA	360	5	35	00	0	0	—	19.4	16	77	12	0
FOUAD (Airport)	360	3	12	02	0	0	—	18.3	15	72	10	0
DAMIETTA	20	2	7	00	0	0	—	18.6	16	77	12	0
PORT SAID	10	9	30	02	0	0	—	18.4	17	72	12	0
EL 'ARISH	320	2	15	01	0	0	—	19.2	17	60	9	0
DAMANHUR	360	9	7	02	0	0	—	18.4	15	72	10	0
MANSURA	320	5		00	0	0	—	19.0	17	68	11	0
TANTA	00	0	35	02	1	0	—	19.4	17	68	11	0
ZAGAZIG	320	1	35	02	0	0	—	18.6	18	73	13	0
ISMAILIA	20	5	35	02	0	0	—	18.5	18	60	10	0
FAROUK (Airport)	40	5	12	00	0	0	—	17.8	20	41	6	0
ALMAZA	60	4	12	00	0	0	—	17.5	21	44	8	0
EZBEKIYA	360	12	12	00	0	0	—	17.6	19	49	8	0
GIZA	360	12	12	00	0	0	—	17.5	20	41	6	0
HELWAN												
FAIYUM	00	0	35	02	0	0	—	18.0	20	33	3	0
MINYA	00	0	10	00	0	0	—	16.8	18	46	6	0
ASYUT MANQABAD	00	0	8	00	0	0	—	16.9	20	33	3	0
NAG' HAMMADI	360	4	15	00	0	0	—	15.1	21	47	9	0
QENA	320	2	7	00	0	0	—	15.2	21	33	4	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	14.2	24	21	0	0
SIWA												
BAHARIYA												
FARAFRA												
DAKHLA	360	2	50	00	0	0	—	17.1	24	15	-5	0
KHARGA												
SUEZ	00	0	35	02	0	0	—	16.8	19	52	9	0
TOR												
HURGHADA												
QUSEIR	360	9	15	02	0	0	—	13.8	21	57	12	0
PORT SUDAN	310	11	10	02	0	0	—	12.4	24	69	18	0
WADI HALFA	360	7	50	02	0	0	—	13.6	24	17	-3	0
ABU HAMAD	280	5	30	02	0	0	—		26	25	4	0
KAREIMA	20	4	30	02	0	0	—	11.2	25	19	0	0
'ATBARA	360	9	30	02	0	0	—	9.7	25	22	2	0
KHARTUM	360	9	30	01	0	0	—	9.2	26	21	2	0
KASSALA	350	5	30	02	0	0	—	7.6	26	21	2	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	5	30	02	2	8	Cs	9.3	25	13	-6	0
EL FASHER	100	5	30	02	0	0	—		26	15	-3	0
GENEINA	20	7	30	01	0	1	Ac		29	9	-7	0
MALAKAL	20	5	30	02	2	8	Cs	5.6	29	14	-1	0
WAU	00	0	30	02	1	3	Cs	4.6	31	22	7	0
JUBA	320	5	10	05	2	4	Ac	4.8	32	14	1	0

At 0600 on Saturday 31st March,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	110	2	15	00	1	2	Ci	17.0	+1.7	21			14	+2	41	7	0	90	
SIDI BARANI	190	5	14	00	0	0	—	17.1		17	25		8		42	4	0	108	
MATRUH	210	6	15	02	0	4	Ci	18.1	+2.4	20	25		8				0	Rain	
EL DABA	180	3	15	00	0	0	—	17.9		16	22		8		56	7	0	54	
ALEXANDRIA	130	9	50	03	1	4	Cu, Ci	19.2	+4.1	15	22	0	12	-2	77	11	0	62	181
FOUAD (Airport)	140	5	18	02	4	4	Ci	19.5		16	22		9		77	12	0	63	137
DAMIETTA	110	5	7	03	1	5	Ns	19.5	+4.5	18	21	0	11	-1	73	13	0	Rain	101
PORT SAID	80	8	14	02	0	1	Cu	19.1	+5.0	18	21		16		68	12	0	18	
EL 'ARISH											21	-1							85
DAMANHUR	130	9		02	1	2	Ci	19.6	+4.4	15	25	0	12	+1	88	13	0	35	93
MANSURA	40	5	35	02	1	3	Ac	19.6	+4.2	17	26	+1	11	0	77	13	0	31	47
TANTA	00	0	35	02	0	0	—	20.0	+4.5	15	25	-1	7	-3	68	9	0	23	34
ZAGAZIG	320	1	35	02	0	0	—			15	26	0	9	-1	68	9	0	Rain	24
ISMAILIA	110	5	35	01	0	0	—	19.1		17	25		11		68	11	0	17	
FAROUK (Airport)	40	6	13	02	1	1	Ci	19.1		13	25		10		77	9	0	Rain	
ALMAZA	60	5	12	01	0	1	Ci	18.4	+3.0	15	25		10		68	9	0	12	
EZBEKIYA	350	4	12	02	1	1	Ac, Ci	18.8	+3.4	16	25	-1	11	-1	77	12	0	11	22
GIZA	350	4	12	02	1	1	Ac, Ci	18.6	+2.8	15	25	-1	7	-2	77	11	0	11	21
HELWAN																	0	12	24
FAIYUM	360	8	35	02	0	0	—	19.4	+3.8	16	27	0	11	0	68	10	0	8	7
MINYA	350	5	8	00	0	0	—	17.4	+2.0	16	28		8		64	9	0	3	
ASYUT MANQABAD											27								
NAG' HAMMADI											30	+1							
QENA	270	2	15	00	0	0	—	16.7	+2.8	18	32	-1	13	-1	46	6	0	0	
LUXOR	30	5	30	00	0	0	—	16.2	+2.1	20			10		24	-1	0	0	
ASWAN											29	-4							
SIWA																			7
BAHARIYA																			7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	18.8	+3.7	13	28	-3	9	-3	24	-7	0	0	
KHARGA																			
SUEZ	360	3	50	00	0	0	—	17.5	+2.2	17	25	-1	10	-3	60	9	0	5	14
TOR																			13
HURGHADA																			
QUSEIR	330	13	15	02	0	0	—	15.2	+2.0	22			18	0	36	6	0	dr.	4
PORT SUDAN	340	10	50	03	0	1	Cu	13.2		25	29		15		58	16	0	152	95
WADI HALFA	340	7	50	02	0	0	—	15.8		17	32		11		22	-5	0	dr.	
ABU HAMAD	310	5	30	02	0	0	—			21	34		10		33	4	0		
KAREIMA	40	5	30	02	0	0	—				33		17			-3	0	dr	1
'ATBARA											34								2
KHARTUM											34								4
KASSALA											36								8
WAD MEDANI																			12
RENK																			49
ROSEIRES																			38
EL OBEID	30	7	30	03	0	5	Ci	11.2		21	33		14		14	-8	0	7	16
EL FASHER	350	2	30	02	0	1	Ci			17	34		12		22	-5	0	6	6
GENEINA											35								4
MALAKAL	20	15	30	03	1	6	Ci	8.3		28	38		20		8	-9	0	70	93
WAU	00	0	30	01	2	8	Ac, Cs	9.5		27	38		20		28	7	0	145	174
JUBA	180	9	30	05	2	8	Ac, Cs	8.6		28	38		22		31	9	0	206	192

HUMIDITY %

Mean of day

Station	on 30th	Diff. from normal
Alexandria	66	0
Ezbekiya	44	-14
Giza	46	-14
Helwan		

GIZA
GRASS MINIMUM TEMP. ON 31st 4.3 C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport On 30th At 15½ Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	148	22	29	340	9
950					
900					
850	1518	6	31	340	11
800					
700	3095	0		330	22
600					
500	5693	-19		310	15
400	7314	-32		320	36
300					

On ... At ... Airport Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

On ... At ... Airport Pressure mbs	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 30th

Station	Farouk		Matruh		El Arish		Asyut		Dakhla		Port Said		Minya		Siwa		Kharga		Farouk		Port Said		Fouad		Minya	
Time	15		14		14	30	14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	8	350	13	320	13	320	9	350	7	360	8	350	17	140	7	360	4	70	23	40	8	350	10	20	20
600	340	9	340	8	330	11	320	20	360	9	330	9	340	19	150	6	360	8	60	24	40	7	340	10	10	20
1000	330	10	290	7	270	4	320	18	350	8	280	16	330	11	180	7	360	9	30	18	10	5	360	10	360	17
1500	340	11	250	6	300	16	350	14	10	11	310	16	300	16	220	3	20	12	340	26	300	8	360	13	350	16
2000	340	19	340	10	310	19	330	23	360	3	340	19	340	30	270	5			330	25	310	16	350	18	340	9
3000	330	22	320	9	340	24	320	19			340	26	310	20	280	12			360	24	340	18	10	18	360	15
4000			340	6							330	24	330	23	290	11					340	15				
5000	330	19	320	9							340	26			270	9					320	20				
6000	310	19	250	21											280	10										
7000			360	3																						
8000																										

UPPER WIND OBSERVATIONS on 31st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time							2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel
300							60	10					20	13									
600							60	9					10	19									
1000							70	10					340	27									
1500							30	10					360	17									
2000							40	15					40	13									
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									4				4		4								4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel
300									40	15													
600													50	21	20	23							20 30
1000													50	27	50	31							20 38
1500									40	10			60	11	40	30							30 16
2000																							
3000									20	10			40	12	360	10							290 17
4000									320	5			10	15	310	18							
5000																							
6000																							
7000																							
8000																							

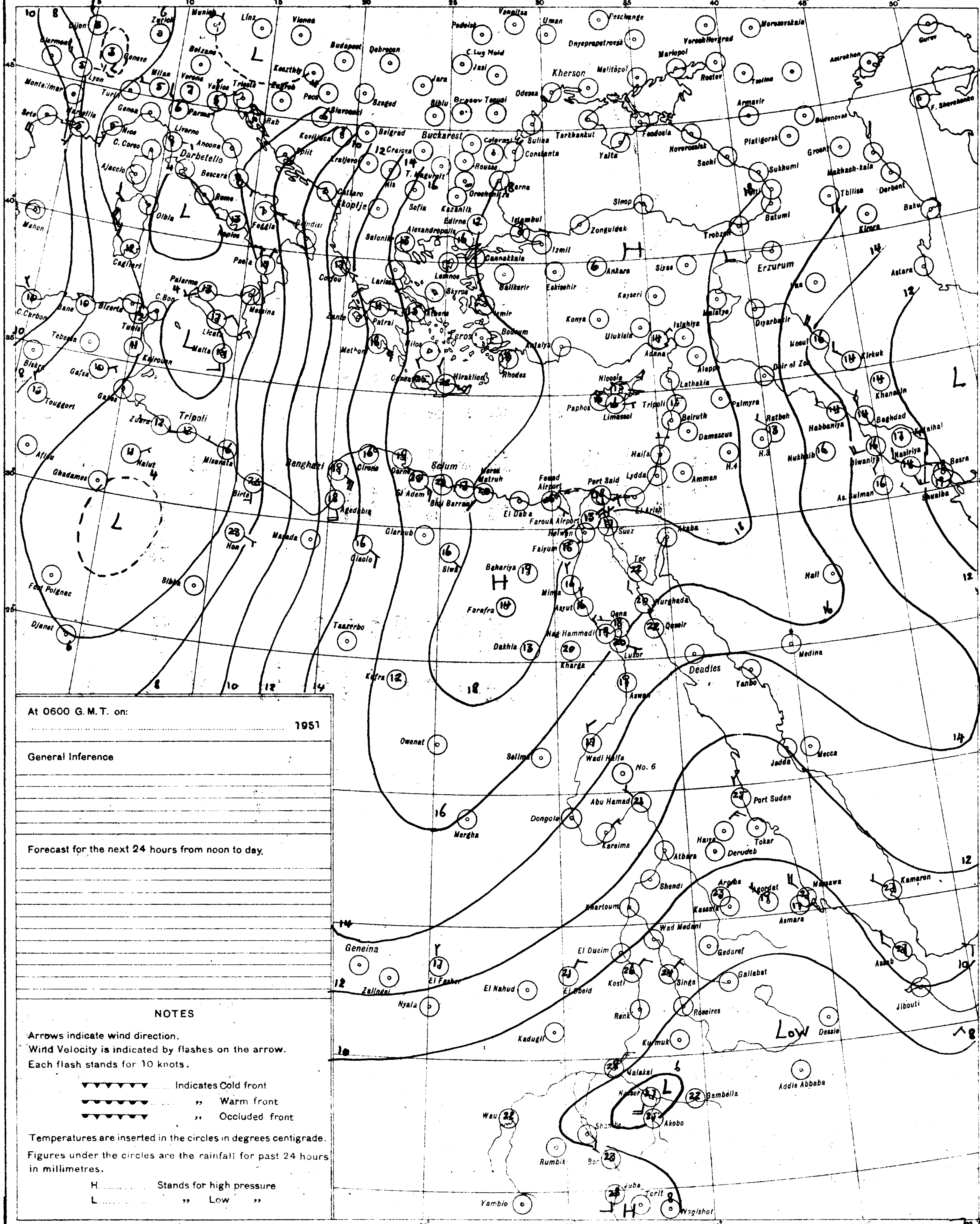
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 31/3/1951



S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ...... Indicates Cold front
●●●●●● ...... ,, Warm front
●▼●▼●▼ ...... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	○
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain / Hail	Thunderstorm during / the past hour	91 / 93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 03 46 G.M.T.
" " Sunset 16 13 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

DAILY WEATHER REPORT

Date: Sunday 1st April, 1951

Form 7F.

LIBRARY JUN 11 1951 WEATHER BUREAU

At 1200 on Saturday 31st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	70	5	35	00	0	1	—	15.8	28	27	7
	303	SÎDI BARÂNI	60	10	18	03	0	1	Ci	16.2	27		
	306	MATRÛH	90	10	15	03	1	1	—	17.7	26	25	4
	309	EL DABA	40	7	35	00	0	0	—	16.6	22	44	9
		ALEXANDRIA	40	16	50	01	2	2	Ci	18.2	19	73	14
	318	FOUAD (Airport)	80	12	18	01	2	1	Ci	17.7	24	47	12
	330	DAMIETTA	110	2	35	01	1	4	ac	18.8	20	64	13
	333	PORT SA'ID	50	9	30	03	0	4	Ci	17.3	23	53	13
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	13	15	03	1	3	Ci	19.1	25	36	9
	342	MANSURA	360	5	35	00	1	0	—	18.3	25	34	8
	348	TANTA											
	354	ZAGAZIG	320	2	35	03	1	4	Ci	18.6	24	54	14
	440	ISMA'ILIA	40	9	35	03	1	4	Ci	17.5	24	38	9
Cairo Area	366	FAROUK (Airport)	40	15	18	02	1	4	Ci	17.0	26	32	8
	372	ALMAZA	70	13	30	02	0	4	Cs	16.6	25	34	8
		EZBEKIYA	360	18	18	02	1	3	ac, Ci	16.7	26	30	7
		GIZA	360	18	18	02	1	3	ac, Ci	16.7	26	30	7
	378	HELWAN	20	13	35	02	1	3	Ci	15.9	27	20	2
Upper Egypt	381	FAIYUM	360	8	35	03	1	4	Ci	17.2	27	27	6
	387	MINYA	350	9	10	02	1	1	Ci	15.5	28	19	2
	393	ASYUT MAMQADAO	320	6	30	00	0	0	—	14.3	29	17	1
	399	NAG' HAMMADI	320	1	35	00	0	0	—	13.3	31	22	7
	402	QENA	270	2	50	00	0	0	—	13.8	31	17	3
	405	LUXOR	30	3	30	00	0	0	—	12.9	32	26	10
	414	ASWÂN	20	3	50	00	0	0	—	11.5	30	14	0
Oases	417	SÎWA	190	5	14	02	0	1	Cs	18.6	29	20	4
	420	BAHARIYA	360	2	35	02	1	0	—	16.3	28	22	4
	423	FARAFRA	00	0	35	02	0	0	—	17.6	27	40	12
	432	DAKHLA	320	6	50	00	0	0	—	14.6	28	5	-16
	435	KHARGA	360	2	35	00	0	0	—	13.8	30	11	-4
Red Sea	450	SUEZ	360	5	50	03	0	3	Cu, Ci	15.5	26	25	4
	459	TOR	00	0	50	02	0	0	—	13.9	23	50	12
	462	HURGHADA	340	8	30	00	0	0	—	13.7	23	57	14
	465	QUSEIR	20	19	15	02	0	0	—	14.1	24	47	12
	641	PORT SUDAN	20	18	10	02	0	0	—	10.4	29		
North Sudan	600	WADI HALFA	10	8	50	01	0	0	—	11.9	31	7	-9
	640	ABU HAMAD	360	5	30	02	0	0	—		33	14	2
	660	KAREIMA	50	10	30	02	0	0	—	9.1	33	8	-5
	680	'ATBARA											
	721	KHARTUM	10	10	30	01	1	3	Ci	6.5	33	7	-7
	730	KASSALA	360	3	30	02	1	0	—	2.9	35	18	7
Central Sudan	751	WAD MEDANI	50	9	35	02	1	3	Cc	3.0	35	13	3
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	7	30	02	2	7	Cs	6.1	33	8	-6
	760	EL FASHER	70	10	30	03	0	0	—		32	10	-3
	770	GENEINA											
S. Sudan	840	MALAKAL	40	10	30	03	2	8	Cs	3.2	37	7	-5
	880	WAU	50	9	30	01	2	6	ac, Ci	3.8	37	7	-4
	941	JUBA	340	5	30	04	2	8	Cu, ac	3.1	37	19	10

At 1800 on Saturday 31st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALŪM	340	2	15	00	0	3	Ci	15.6	21	33	4	0
SÎDI BARÂNI												
MATRÛH	140	11	9	00	0	0	—	17.4	17	77	13	0
EL DABA												
ALEXANDRIA	40	16	35	00	0	0	—	17.4	17	77	13	0
FOUAD (Airport)	60	7	12	03	2	1	Ci	18.1	16	82	13	0
DAMIETTA	360	2	7	00	0	0	—	18.8	17	77	13	0
PORT SA'ID	40	12	14	02	0	0	—	17.2	18	78	14	0
EL 'ARISH												
DAMANHUR	90	9	7	02	1	2	Ci	18.6	16	77	12	0
MANSURA												
TANTA	90	2	35	02	0	0	—	17.9	18	73	13	0
ZAGAZIG	320	3	35	02	0	0	—	17.8	17	77	13	0
ISMA'ILIA	20	5	35	01	0	0	—	17.9	17	77	13	0
FAROUK (Airport)	40	15	12	00	0	0	—	17.4	20	60	12	0
ALMAZA	70	13	12	00	0	0	—	16.9	20	56	11	0
EZBEKIYA	40	4	12	00	0	0	—	17.1	19	60	11	0
GIZA	40	4	12	00	0	0	—	17.1	20	56	11	0
HELWAN	20	15	7	01	0	0	—	16.7	21	33	4	0
FAIYUM	00	0	35	01	0	0	—	17.6	21	41	7	0
MINYA	00	0	8	00	0	0	—	15.1	18	46	6	0
ASYUT MAMQADAO	270	3	8	00	0	0	—	14.2	21	33	4	0
NAG' HAMMADI	00	0	15	00	0	0	—	13.9	23	50	12	0
QENA	270	2	7	00	0	0	—	12.8	24	32	6	0
LUXOR	320	5	12	00	0	0	—	11.9	25	17	-2	0
ASWÂN	00	0	50	00	0	0	—	12.2	25	22	2	0
SÎWA												
BAHARIYA	360	2	15	02	0	0	—	16.3	22	29	3	0
FARAFRA												
DAKHLA	320	5	50	00	0	0	—	15.0	25	5	-17	0
KHARGA	00	0	15	00	0	0	—	14.8	24	15	-5	0
SUEZ	360	6	15	01	0	0	—	16.8	19	52	9	0
TOR	00	0		00	0	0	—	13.4	20	73	15	0
HURGHADA	300	11	12	00	0	0	—	13.0	22	53	12	0
QUSEIR	20	9	15	02	0	0	—	12.9	21	57	12	0
PORT SUDAN	310	2	10	02	0	0	—	11.5	23	74	18	0
WADI HALFA	360	8	50	02	0	0	—	10.8	25	15	-4	0
ABU HAMAD	310	4	30	02	0	0	—		25	28	5	0
KAREIMA	360	7	30	02	0	0	—	9.7	25	13	-6	0
'ATBARA	360	5	10	05	0	0	—	8.2	26	17	-1	0
KHARTUM	360	7	30	01	0	1	Ci	7.7	27	8	-10	0
KASSALA	360	5	30	02	0	0	—	6.4	25	26	4	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	1	0	—	8.2	25	16	-3	0
EL FASHER	90	6	30	01	0	0	—		27	19	1	0
GENEINA	90	2	30	02	0	2	ac		29	13	-2	0
MALAKAL	310	4	30	02	2	8	Cs	5.3	29	19	3	0
WAU	00	0	30	01	1	1	Ci	3.7	30	19	4	0
JUBA			30	01	2		ac, Ci	5.6	27	33	9	0

At 0600 on Sunday 1st April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	00	0	15	03	2	6	Cs	15.0	-0.3	22	29	+6	15	+3	44	9	0	90	
SIDI BARANI																			
MATRUH	170	9	15	02	2	6	Ci	17.3	+1.7	14	28		11		88	12	0	Rain	
EL DABA																			
ALEXANDRIA	130	10	50	03	1	6	cb, Ci	18.2	+3.1	16	21	-1	13	-1	88	14	0	62	181
FOUAD (Airport)	10	7	12	03	2	7	ac, Ci	18.1		16	24		13		88	14	0	63	137
DAMIETTA	140	2	7	03	1	6	Cu, ac	18.2	+3.3	19	21	0	10	-2	73	14	0	Rain	101
PORT SA'ID	90	12	12	01	1	1	Ci	16.7	+2.6	19	25		16		73	14	0	18	
EL 'ARISH																			85
DAMANHUR	130	13		02	4	4	Ci	18.7	+3.5	17	26	+1	12	+1	77	13	0	35	94
MANSURA	90	5	35	03	2	4	ac	17.8	+2.4	18			13	+2	83	15	0	31	48
TANTA	90	2	35	03	2	7	Cu, Sc	17.8	+2.4	17	26	0	10	0	77	13	0	23	35
ZAGAZIG	40	1	35	03	1	3	Ci	17.6	+2.3	16	26	0	12	+2	88	14	0	Rain	25
ISMA'ILIA	40	5	35	03	2	8	Ci	18.2		16	25		12		68	10	0	17	
FAROUK (Airport)	70	21	14	02	2	7	Cs	17.5		16	26		12		77	12	0	Rain	
ALMAZA	100	25	15	02	2	7	Ci	17.1	+1.7	16	26		12		77	12	0	12	
EZBEKIYA	90	10	12	02	1	7	ac, Cs	17.1	+1.7	17	27	0	13	+1	72	12	0	11	23
GIZA	90	10	12	02	1	7	ac, Cs	17.1	+1.4	17	27	+1	11	+2	68	11	0	11	22
HELWAN	40	13	15	03	2	7	Ci	16.2	+1.0	19	27	+1	14	+1	46	7	0	12	25
FAIYUM	360	6	35	03	2	6	Ci	17.5	+1.9	16	29	+2	12	+1	68	10	0	8	7
MINYA	350	5	8	02	1	3	Ci	15.6	+0.3	16	29		11		68	10	0	3	
ASYUT MAMQADAO	00	0	8	10	0	2	Ci	15.7	+0.8	16	30		12		52	6	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	15.0	+0.8	20	32	+3	9	-2	46	8	0	0.1	
QENA	320	2	15	00	0	0	—	13.8	-0.1	18	34	+1	11	-3	46	6	0	0	
LUXOR	360	4	30	00	0	0	—	13.7	-0.3	20	32		12		23	-2	0	0	
ASWÂN	00	0	50	01	1	4	Ci	13.9	+0.5	22	32	-1	16	-1	29	3	0	0	
SÎWA																			7
BAHARIYA											30	+2							7
FARAFRA	00	0	35	02	1	1	ac	17.0		18			13		52	8	0	dr.	
DAKHLA	320	2	50	00	0	0	—	16.0	+1.0	19	29	-2	12	0	30	1	0	0	
KHARGA	00	0	15	03	1	1	Ci	14.7	+0.2	15	31	0	11	-2	55	6	0	0	
SUEZ	360	4	35	00	0	3		16.8	+1.5	17	27	+1	13	-1	60	9	0	5	15
TOR	360	9	15	00	0	0	—	14.4	+1.0	19	24	-2	14	-1	52	9	0	4	13
HURGHADA	300	14	30	03	0	2	Ci	13.9	+0.5	20	23		13		56	11	0	0	
QUSEIR	360	9	15	02	0	0	—	13.9	+0.8	22			18	0	44	9	0	dr.	4
PORT SUDAN	320	5	30	02	0	1	Cu	12.3		24	29		14		74	19	0	152	95
WADI HALFA	360	6	50	03	1	0	—	13.7		19	32		13		19	-5	0	dr.	
ABU HAMAD	360	4	30	02	0	0	—			24	34		16		17	-3	0		
KAREIMA	20	5	30	02	0	0	—	11.9		22	37		17		19	-3	0	dr.	1
'ATBARA											34								2
KHARTUM	10	10	30	02	0	0	—	10.3		23	35		14		10	-11	0	dr.	4
KASSALA	270	3	30	02	0	0	—	9.2		21	37		13		31	3	0	3	9
WAD MEDANI																			12
RENK																			49
ROSEIRES																			39
EL OBEID	30	8	30	03	0	0	—	10.7		22	34				12	-9	0	7	17
EL FASHER											33								6
GENEINA											35								4
MALAKAL	20	12	30	01	1	1	Ci	8.8		28	38		20		15	-1	0	70	94
WAU											37								175
JUBA	180	9	30	01	0	1	Ci	9.0		27	38		22		45	14	0	206	193

HUMIDITY %

Mean of day

Station	on 31st	Diff. from normal
Alexandria	78	+12
Ezbekiya	61	+4
Giza	62	+2
Helwan	41	-3

GIZA
GRASS MINIMUM TEMP. ON 1st 9.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On 31st At 15h					
1000	140	26	21	60	21
950					
900					
850	1528	12		60	16
800					
700	3127	4		40	7
600					
500	5754	-16		340	20
400	7394	-29		300	24
300	9379	-45		290	31
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 31st

Station	Farouk		Matruh		Hurghada		Port Said		Kharga		Minya		Asyut		Dakhla								Port Said		Minya	
Time	15		14		14		14		14		14		14		14								20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	60	23	120	8	340	11	40	10	360	3	350	9	310	13	160	12							50	16	10	33
600	60	25	160	7	350	8	50	10	360	6	330	11	340	12	350	20							60	16	30	27
1000	60	25	170	9	300	11	60	8			340	10	350	12	360	5							40	12	10	24
1500	60	16	170	6	310	16	60	9	20	12	350	10	340	10	350	7							40	13	10	23
2000	40	10	170	3	320	14	40	12			350	10	330	12									60	19		
3000	40	7			350	9					10	10	360	10												
4000																										
5000	350	14																								
6000	340	18																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Mamqadad		Luxor		Aswan		Hurghada		
Time							2				7 45		2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							90				60	22	40	20									
600							70	9			70	12	50	23									
1000							80				40	12	40	11									
1500							70	10			50	19	20	11									
2000											60	25	50	16									
3000											50	14											
4000											30	11											
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time							8		4		4				4				4				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							20	10															
600							30	16	30	23	60	15			30	22							20 28
1000							50	13	40	25	60	16			30	33			30	31			300 23
1500							80	9	40	17	50	18			30	21			30	19			10 7
2000							20	6											30	7			
3000									80	7	360	2			270	3			340	22			310 18
4000									90	7													240 11
5000											290	17			260	13							
6000																							
7000																							
8000																							

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

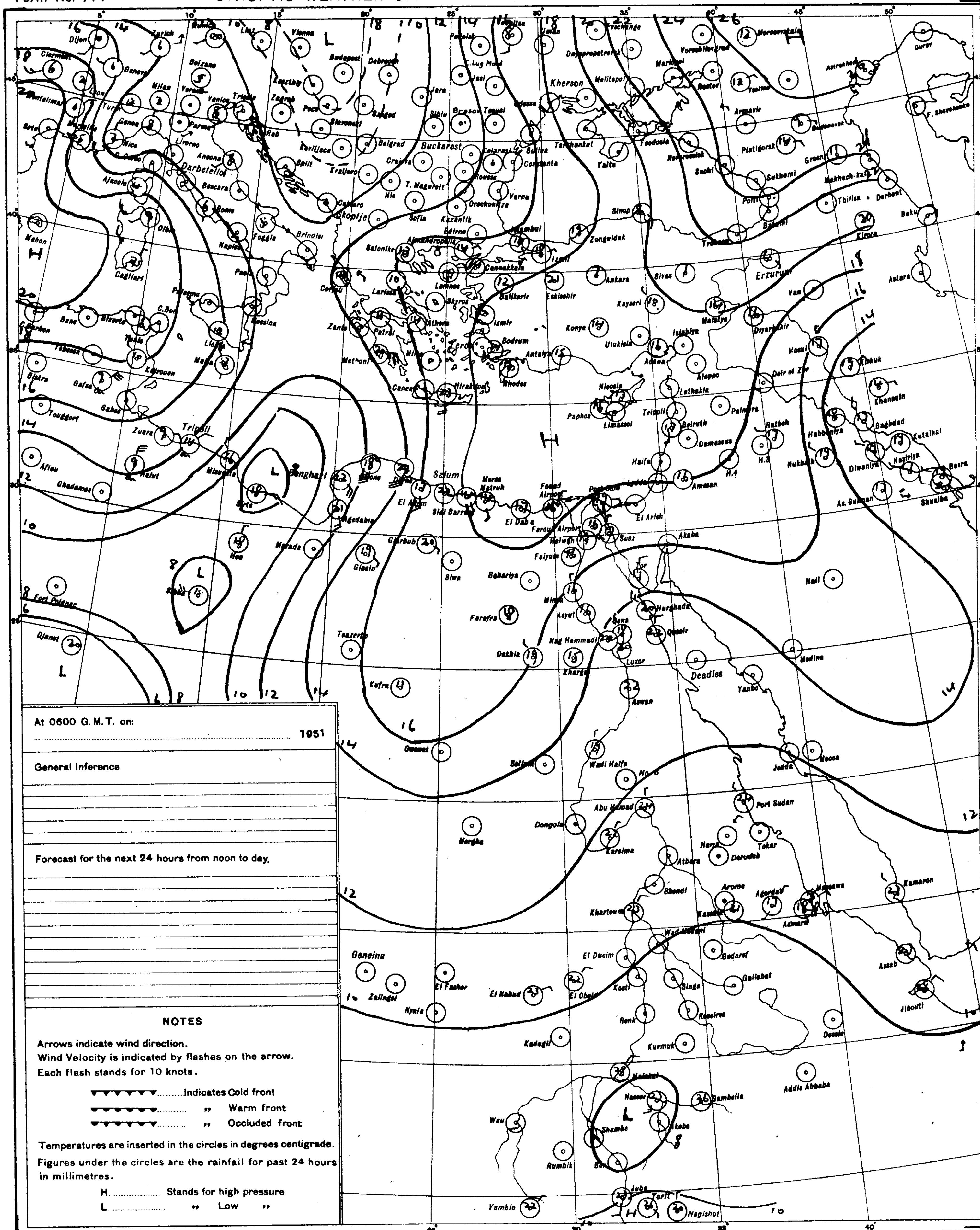
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 1-4- 1951



S of E 1949(49/557) (50/531)

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●......... ,, Warm front
▼●▼●▼●▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

CAIRO
Time of Sunrise 03 45 G. M. T.
" " Sunset 16 14 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 2nd April, 1951

At 1200 on Sunday 1st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	70	9	35	02	1	5	Cs	13.9	24	47	12
	303	SÎDI BARÂNI	60	10	14	01	1	3	Cs		22	74	17
	306	MATRÛH	110	11	15	03	2	4	Ci	16.1	24	54	14
	309	EL DABA	40	7	35	01	1	3	Cu	17.4	20	64	13
		ALEXANDRIA	40	14	50	02	2	7	Ac, Cs	17.2	19	83	16
	318	FOUAD (Airport)	360	8	18	02	2	8	Cc	16.7	22	65	15
	330	DAMIETTA	20	5	35	02	1	7	Ac	16.8	20	73	15
	333	PORT SA'ID	360	8	30	03	1	7	Cu, Ci	15.7	22	65	15
	336	EL 'ARISH	360	6	30	02	1	1	Ci	15.2	19	73	14
Lower Egypt	339	DAMANHUR	90	9	15	02	1	4	Ci	16.6	27	33	9
	342	MANSURA	40	5	35	03	2	5	Ac	15.8	28	33	10
	348	TANTA	30	5	35	03	2	7	Cu, Sc	15.5	28	33	10
	354	ZAGAZIG	40	3	35	03	1	3	Ci	15.2	27	37	11
	440	ISMA'ILIA	20	5	35	02	2	8	Ci	15.2	26	42	12
Cairo Area	366	FAROUK (Airport)	70	15	30	02	2	7	Cs	15.3	27	35	10
	372	ALMAZA	50	13	30	02	2	5	Cs	14.3	27	27	6
		EZBEKIYA	360	12	18	02	1	6	As, Cs	14.6	26	22	4
		GIZA	360	12	18	02	1	6	Ac, Cs	14.7	28	22	4
	378	HELWÂN	40	8	35	03	2	8	Ci	13.8	28	12	-4
Upper Egypt	381	FAIYÛM	360	6	35	03	2	7	Ci	15.0	29	19	3
	387	MINYA	340	8	12	03	1	4	Ci	13.0	30	22	6
	393	ASYUT MANQABÂD	340	4	30	03	0	1	Ci	12.0	30	11	-4
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	12.3	31	31	12
	402	QENA	270	1	50	00	0	0	—	11.0	34	14	3
	405	LUXOR											
	414	ASWÂN	240	3	50	01	1	3	Ci	10.2	32	7	-8
Oases	417	SÎWA	140	6	8	03	1	5	Cs	15.8	29	37	13
	420	BAHARÎYA	40	4	35	02	2	6	Ac	14.7	29	25	7
	423	FARAFRA	40	3	35	03	2	6	As	15.1	29	35	12
	432	DAKHLA	340	8	50	00	0	0	—	13.0	31	9	-6
	435	KHARGA	40	1	35	00	0	0	—	12.0	32	10	-3
Red Sea	450	SUEZ	00	0	50	02	0	3	Cu, Ci	13.1	30	31	11
	459	TOR	290	2	35	02	0	0	—	12.7	27	27	6
	462	HURGHADA	360	11	30	01	2	3	Ci	11.6	24	69	18
	465	QUSEIR	20	9	15	00	0	2	Ci	12.8	24	69	18
	641	PORT SUDÂN	40	17	30	02	0	0	—	8.4	27	74	22
North Sudan	600	WÂDI HALFA	340	6	50	02	1	3	Ci	9.7	32	7	-8
	640	ABU HAMAD	270	4	30	02	0	0	—		33	23	9
	660	KAREIMA	330	5	30	02	0	0	—	8.1	32		
	680	'ATBARA	20	13	10	07	0	0	—	6.2	33	5	-13
	721	KHARTÛM	280	9	30	02	0	0	—	5.4	35	5	-11
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	310	5	35	02	0	0	—	4.4	35	7	-6
	801	RENK	270	9	35	02	0	1	Ci	5.0	37	13	5
	802	ROSEIRES	270	9	35	02	0	0	—	2.3	38	11	3
	771	EL OBEID	20	10	30	02	0	0	—	5.5	34	8	-5
	760	EL FÂSHER	110	4	30	02	0	0	—		33	15	3
	770	GENEINA	90	2	30	02	0	0	—		35	4	-13
S. Sudan	840	MALAKÂL	360	8	30	02	0	0	—	3.5	38	6	-5
	880	WÂU											
	941	JUBA	320	5	30	02	0	0	—	2.0	38	11	3

At 1800 on Sunday 1st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALŪM	340	2	15	00	0	0	—	13.3	18	83	15	0
SÎDI BARÂNI	100	11	13	01	1	1	As	13.7	18	83	15	0
MATRÛH	140	7	15	02	1	2	Cs	15.5	16	82	13	0
EL DABA												
ALEXANDRIA	40	15	35	00	0	0	—	15.9	17	77	13	0
FOUAD (Airport)	40	8	12	01	2	0	—	15.8	17	94	16	0
DAMIETTA												
PORT SA'ID												
EL 'ARISH												
DAMANHUR	90	9	7	02	1	3	Ci	16.2	17	77	13	0
MANSURA	40	5		00	1	0	—	16.2	18	83	15	0
TANTA	270	2	35	02	1	0	—	15.8	19	73	14	0
ZAGAZIG	40	2	35	02	1	0	—	15.1	16	88	14	0
ISMA'ILIA	20	5	35	01	0	0	—	15.8	17	88	15	0
FAROUK (Airport)	70	13	12	00	1	0	—	16.0	20	69	14	0
ALMAZA	70	15	12	00	0	0	—	14.8	20	73	15	0
EZBEKIYA	40	16	12	00	0	0	—	15.2	20	60	12	0
GIZA	40	16	12	00	0	0	—	15.1	21	57	12	0
HELWÂN	20	27	15	03	2	0	—	14.9	20	56	11	0
FAIYÛM	00	0	35	01	1	2	Ci	13.8	22	44	9	0
MINYA	360	7	10	00	1	0	—	12.2	19	49	8	0
ASYUT MANQABÂD	250	2	10	02	1	3	Ci	11.5	24	24	2	0
NAG' HAMMÂDI												
QENA												
LUXOR	00	0	12	00	0	0	—	10.3	23	18	-3	0
ASWÂN	00	0	50	00	0	0	—	10.5	26	18	0	0
SÎWA												
BAHARÎYA	40	2	15	02	1	0	—	13.8	23	24	1	0
FARAFRA	270	1	15	01	2	0	—	13.8	24	30	5	0
DAKHLA	320	5	35	00	0	0	—	14.8	26	10	-8	0
KHARGA	00	0	15	00	0	0	—	11.9	25	11	-8	0
SUEZ				02	0	0	—	12.0	22	57	13	0
TOR	230	3	10	00	1	0	—	11.2	19	56	10	0
HURGHADA	360	10	15	01	0	0	—	11.4	22	74	17	0
QUSEIR	340	3	30	01	0	0	—	10.4	24	84	21	0
WÂDI HALFA												
ABU HAMAD	290	2	30	02	0	0	—		26	27	5	0
KAREIMA												
'ATBARA	20	2	30	02	0	0	—	7.3	27	19	1	0
KHARTÛM	360	5	30	02	0	0	—	6.5	28	10	-6	0
KASSALA	310	4	30	02	0	0	—	5.8	28	19	2	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	310	2	30	02	0	0	—	7.4	25	17	-2	0
EL FÂSHER	100	4	30	02	0	0	—		28	20	3	0
GENEINA	30	2	30	02	0	0	—		31	11	-2	0
MALAKÂL	20	6	30	02	0	0	—	4.1	30	11	-4	0
WÂU	20	1	30	02	0	0	—	6.6	31	19	5	0
JUBA	310	2	30	05	0	0	—	4.0	28	25	6	0

At 0600 on Monday 2nd April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	2	15	03	2	6	Cs	13.3	-1.9	22	28	+5	16	+4	50	11	0	90	
SÎDI BARÂNI	160	5	14	00	0	0	—	14.0		18	27		12		60	10	0	108	
MATRÛH	160	8	18	00	1	0	—	14.4	-1.2	15	25		9		72	10	0	51	
EL DABA																			
ALEXANDRIA	130	10	7	03	1	8	Ns, Ci			16	22	-1	14	0	88	14	0	62	181
FOUAD (Airport)	100	9	0.9	49	4	9	—	16.0		15	22		12		95	15	0	63	137
DAMIETTA	40	2	7	03	1	6	Ns	16.2	+1.3	19			14	+2	83	16	0	Rain	101
PORT SA'ID	60	8	18	01	0	2	Sc	16.1	+2.1	19			16	+1	83	16	0	18	
EL 'ARISH																			85
DAMANHUR	110	9		02	1	1	As, Ci	16.4	+1.3	17	28	+3	13	+2	77	13	0	35	94
MANSURA	90	5	35	03	2	5	Ac	15.9	+0.6	18	29	+4	13	+2	83	15	0	31	48
TANTA	360	2	35	02	0	0	—	16.7	+1.3	18	28	+2	12	+2	83	15	0	23	35
ZAGAZIG	40	1	35	03	1	3	Ci	15.5	+0.2	15	28	+2	10	0	88	13	0	Rain	25
ISMA'ILIA	20	5	35	03	1	3	Ac	15.4		18	27		13		60	10	0	17	
FAROUK (Airport)	40	4	14	01	4	2	St, Ci	15.4		15	28		11		88	13	0	Rain	
ALMAZA	50	4	10	01	1	1	Ci	14.9	-0.4	14	28		11		94	13	0	12	
EZBEKIYA	40	4	12	00	0	0	—	14.7	-0.6	16	28	+1	13	+1	88	14	0	11	23
GIZA	40	4	12	00	0	0	—	14.8	-0.9	17	29	+3	12	+2	77	13	0	11	22
HELWÂN	00	0	7	00	0	1	Ci	14.2	-0.9	17	29	+3	13	0	68	11	0	12	25
FAIYÛM	00	0	35	01	0	1	Ci	15.2	-0.1	18	32	+4	12	+1	73	13	0	8	8
MINYA	360	3	8	02	1	1	Ci	13.7	-1.5	16	31		9		77	12	0	3	
ASYUT MANQABÂD	00	0	8	10	0	1	Ci	13.5	-1.3	17	31		12		52	7	0	dr.	
NAG' HAMMÂDI																			
QENA	360	1	15	00	0	0	—	13.3	-0.5	21			12	-2	27	1	0	0	
LUXOR	00	0	30	00	0	0	—	12.6	-1.3	22	33		12		29	3	0	0	
ASWÂN	00	0	50	00	0	0	—	12.4	-0.9	21	33	-1	17	0	41	7	0	0	
SÎWA	90	3	11	03	1	4	Ci	14.2	-2.3	17			12	+2	68	11	0		8
BAHARÎYA	00	0	35	02	0	0	—	14.7	-1.3	18	30	+2	10	-1	52	8	0	0	7
FARAFRA	270	1	35	02	0	0	—	14.7		14	30		10		36	-1	0	dr.	
DAKHLA	00	0	50	00	0	0	—	13.9	-1.0	16	33	+2	10	-2	28	-3	0	0	
KHARGA	00	0	15	00	0	0	—	12.8	-1.7	20	32	+1	11	-2	33	3	0	0	
SUEZ	360	4	50	00	0	0	—	14.2	-1.0	18			13	-1	73	13	0	5	15
TOR	310	13	35	02	0	0	—	13.1	-0.2	22	29	+3	13	-2	74	17	0	4	13
HURGHADA	320	10	30	00	0	0	—	12.5	-0.8	21	24		14		69	15	0	dr.	
QUSEIR	330	9	15	02	0	0	—	12.8	-0.2	22			18	0	69	16	0	dr.	4
PORT SUDÂN											29								95
WÂDI HALFA																			
ABU HAMAD											35								
KAREIMA																			1
'ATBARA											34								2
KHARTÛM											35								4
KASSALA																			9
WÂD MEDANI																			12
RENK	360	5	35	03	0	1	Ci	10.4		24	39		16		26	3	0		49
ROSEIRES	310	5	35	02	0	0	—	9.4		23	39		15		34	6	0	0	39
EL OBEID	360	8	30	03	0	3	Ci	10.3		23	35				10	-10	0	7	17
EL FÂSHER											34								6
GENEINA	50	10	30	03	0	1	Ci			22	36		19		10	-11	0		4
MALAKÂL	20	13	30	02	0	2	Ci	7.5		28	39		20		8	-9	0	70	94
WÂU											39								176
JUBA	180	9	30	05	1	2	Ac	8.3		26	39		19		35	9	0	214	185

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

Station	on 1st	Diff. from normal
Alexandria	81	+15
Ezbekiya	62	+5
Giza	60	+1
Helwân	44	+1

GIZA GRASS MINIMUM TEMP. ON 2nd 7.6 °C

Remarks

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 1st At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	123	26	27	350	17
950					
900					
850	1531	13		60	15
800					
700	3146	5		60	12
600					
500	5793	-15		310	13
400	7440	-23		320	12
300	9434	-43		300	18

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Station	Farouk		Hurghada		Minya		Dakhla		Kharga		Asyut		Port Said		Fouad		Matruh		El Arish		S. Barnem		Farouk		Fouad	
Time	15		14	15	14		14		14		14		14		14		14		13	30	14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	18	90	5	330	8	340	25	60	2	330	7	20	12	70	13	90	13	10	10	90	11	80	29	80	15
600	30	18	320	2	350	10	340	27	40	3	330	8	70	5	110	20	120	12	40	2	140	11	70	28	80	17
1000	50	18	360	3	30	11	350	8	40	3	340	10	70	6	80	11	140	9	60	4	160	10	70	25	80	14
1500	60	15	310	11	350	5	350	7	50	7	360	3	80	6	140	19	160	6	50	6	180	11	70	22	60	11
2000	60	15	300	14	20	3	340	10			100	1	110	5					70	10			80	14		
3000	60	12			50	5					50	5														
4000					70	10																				
5000	360	7			290	10																				
6000	310	12			310	16																				
7000					300	17																				
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time							2				6	45	2										8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							80	7			70	4	70	10									50	13
600							80	8			100	13	80	18									80	21
1000							70	9			80	23	230	8									90	24
1500							60	13			80	9	70	7									80	21
2000											120	2	220	2										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4								4	30	4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	9														
600									40	17	30	13												
1000									40	16	40	13							20	25	30	9		
1500									30	10	30	15							40	17	40	13		
2000																			360	24	270	2		
3000									360	1	320	5							340	21	300	11		
4000																			290	10				
5000																								
6000																								
7000																								
8000																								

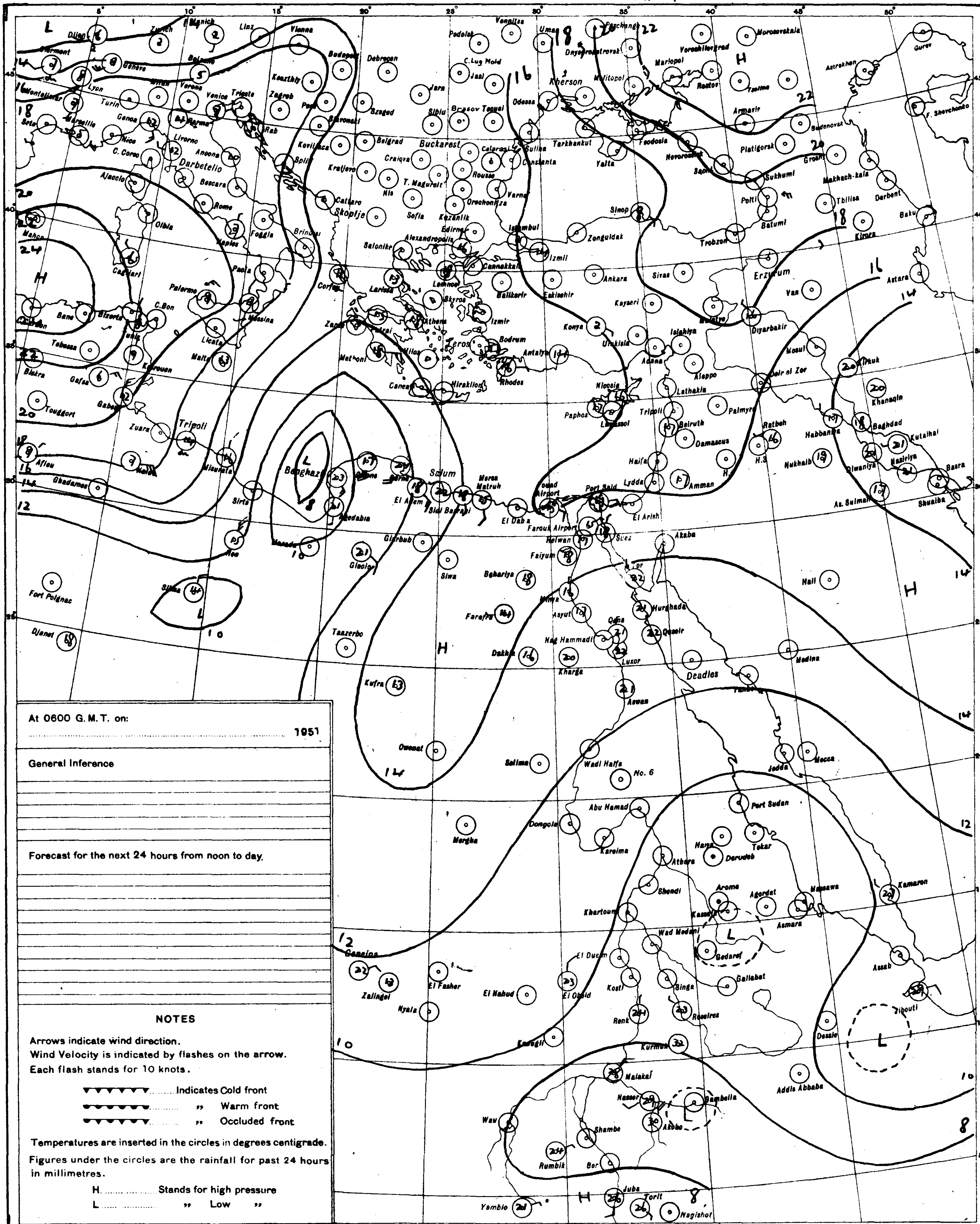
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday.....2-4-..1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
●●●●●●●........ ,, Warm front
●▼●▼●▼●........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	∽
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	⸾
Duststorm or sandstorm within sight or at station during last hour	09	(S→)
Mist	10	=
Shallow fog	12	==
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(⊼)
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	•▽]
,, ,, hail	27	△▽]
Fog	28	≡]
Thunderstorm	29	⊼]
Duststorm or Sandstorm	31	S→
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	•▽
,, ,, hail	87	△▽
Rain } Thunderstorm during	91	⊼]•
Hail } the past hour	93	⊼]△
Thunderstorm with rain	95	•⊼
,, ,, hail	96	△⊼
,, ,, Sandstorm	98	S⊼

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	S→
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	•▽
Thunderstorm with or without rain	9	⊼

FORM OF CLOUD

Cloudless		—
Cirrus	Ci	
Cirrostratus	Cs	
Cirrocumulus	Cc	
Altocumulus	Ac	
Altostratus	As	∠
Stratocumulus	Sc	
Nimbostratus	Ns	---
Cumulus or Fractocumulus	Cu or Fc	⌓
Cumulonimbus	Cb	⊼
Stratus or Fractostratus	St or Fs	—

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 43 G.M.T.

" " Sunset 16 14 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 3rd April, 1951

At 1200 on Monday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	110	9	35	02	2	6	Cu, As	12.7	23	61	15
	303	SÎDI BARÂNI	80	15	14	03	1	8	As	13.3	22	65	15
	306	MATRÛH	150	16	15	01	1	1	Ci	14.1	24	50	13
	309	EL DABA	340	7	35	02	1	3	Cu	13.5	20	64	13
		ALEXANDRIA	40	13	50	01	2	2	Cu, Ci	14.8	20	83	17
	318	FOUAD (Airport)	360	11	18	02	4	1	Ci	14.4	25	58	16
	330	DAMIETTA	20	5	35	00	0	0	—	15.5	21	74	16
	333	PORT SA'ÎD	20	11	30	02	0	1	Ci	14.1	22	78	18
	336	EL 'ARISH	20	8	30	02	0	1	—	14.2	20	73	15
Upper Egypt	339	DAMANHUR	90	9	15	02	0	0	—	15.0	29	29	9
	342	MANSURA	40	5	35	00	1	0	—	15.1	30	35	13
	348	TANTA	90	5	35	02	0	0	—	15.8	30	25	8
	354	ZAGAZIG	40	3	50	02	1	0	—	15.5	29	29	9
	440	ISMAÎLÎA	40	9	35	01	0	0	—	13.6	30	21	5
Cairo Area	366	FAROUK (Airport)	70	17	30	01	1	1	Ci	13.4	30	33	12
	372	ALMÂZA	70	12	15	00	0	0	—	12.5	31	9	-6
		EZBEKÎYA	40	10	18	02	1	1	Ac, Ci	12.4	32	15	2
		GÎZA	40	10	18	02	1	1	Ac, Ci	12.8	32	15	2
	378	HELWÂN	90	3	35	02	0	0	—	11.9	32	10	-3
Upper Egypt	381	FAIYÛM	00	0	35	02	0	1	Ci	13.4	30	21	5
	387	MINYA	00	0	12	00	1	1	Ci	12.0	33	21	8
	393	ASYÛT MANQABÂD	360	2	18	00	0	0	—	10.9	32	14	1
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	11.0	34	25	11
	402	QENA	130	2	50	00	0	0	—	10.0	35	15	5
	405	LUXOR	110	11	30	00	0	0	—	10.3	34	6	-8
	414	ASWÂN	310	4	50	00	0	0	—	8.8	33	8	-5
Oases	417	SÎWA	120	4	12	01	0	2	Ci	14.2	31	43	17
	420	BAHARÎYA	90	2	35	02	1	2	Ac	12.7	32	20	6
	423	FARAFRA	90	1	35	02	0	0	—	12.4	31	31	12
	432	DAKHLA	40	8	50	00	0	0	—	11.9	32	12	-1
	435	KHARGA	00	0	35	00	0	0	—	9.5	33	12	0
Red Sea	450	SUEZ	00	0	50	02	0	0	—	11.8	31	12	-1
	459	TÛR	310	13	50	02	0	0	—		29	35	12
	462	HURGHADA	20	4	30	00	0	0	—	11.1	26	62	18
	465	QUSEIR	20	9	15	02	0	0	—	12.3	26	55	16
	641	PORT SÛDÂN	30	12	30	02	0	0	—	8.4	29	66	22
North Sudan	600	WÂDI HALFA	20	5	50	02	0	0	—	8.7	33	23	9
	640	ABU HAMAD	290	4	30	02	0	0	—		34	6	-8
	660	KAREIMA	10	2	30	02	0	0	—	7.2	33	14	2
	680	'ATBARA											
	721	KHARTÛM	320	7	50	02	0	1	Ci	5.5	35	9	-3
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	310	9	35	02	0	0	—	3.9	36	6	-8
	801	RENK											
	802	ROSEIRES	310	9	35	02	0	0	—	3.8	37	10	0
	771	EL OBEID	330	5	30	02	1	4	Ci	5.6	33	10	-2
	760	EL FÂSHER	50	2	30	02	0	1	Ci		33	15	3
	770	GENEINA	20	5	30	03	0	1	Cs		35	8	-5
S. Sudan	840	MALAKÂL	270	8	50	03	0	2	Ci	4.9	39	6	-5
	880	WÂU	300	13	30	03	0	1	Ci	2.9	38	8	-2
	941	JUBA	340	5	30	03	0	6	Cs	1.3	39	12	4

At 1800 on Monday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	40	5	15	01	1	3	As	11.6	20	83	17	0
SÎDI BARÂNI	100	18	12	01	1	2	As	12.8	18	83	15	0
MATRÛH	150	7	10	00	0	0	—	14.6	17	88	15	0
EL DABA	90	5	7	00	0	0	—	18.1	17	88	15	0
ALEXANDRIA	40	12	35	00	0	0	—	15.0	19	64	12	0
FOUAD (Airport)	40	9	12	01	0	1	Ci	15.2	18			0
DAMIETTA	20	5	7	00	0	0	—	15.5	19	83	16	0
PORT SA'ÎD	10	12	18	02	0	0	—	14.0	19	88	17	0
EL 'ARISH	20	4	12	01	2	3	As	14.8	18	88	16	0
DAMANHUR	90	9	7	02	0	0	—	15.1	19	73	14	0
MANSURA	40	5		00	0	0	—	15.1	18	83	15	0
TANTA	00	0	35	02	0	0	—	15.0	18	83	15	0
ZAGAZIG	40	3	35	01	0	0	—	14.4	19	64	12	0
ISMAÎLÎA	20	9	35	02	0	0	—	14.8	19	83	16	0
FAROUK (Airport)	70	12	12	00	0	0	—	15.1	25	51	14	0
ALMÂZA	60	15	14	00	0	0	—	14.2	24	32	6	0
EZBEKÎYA	40	8	12	00	0	0	—	14.2	23	44	10	0
GÎZA	40	8	12	00	0	0	—	14.3	23	44	10	0
HELWÂN	40	23	7	02	0	0	—	12.8	24	26	3	0
FAIYÛM	00	0	35	01	0	0	—	13.6	24	38	9	0
MINYA	30	4	10	00	1	0	—	12.5	22	38	7	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	11.6	26	21	2	0
NAG' HAMMÂDI												
QENA	360	1	7	00	0	0	—	11.4	23	38	8	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	9.1	27	20	2	0
SÎWA	120	6	10	00	1	1	Ci	13.1	27	45	14	0
BAHARÎYA	00	0	15	02	0	0	—	13.0	24	21	0	0
FARAFRA	00	0	15	02	0	0	—	12.7	24	38	9	0
DAKHLA	320	4	15	00	0	0	—		27	15	-2	0
KHARGA	00	0	15	00	0	0	—	12.7	26	13	-5	0
SUEZ												
TÛR	40	9		02	0	0	—	12.3	22	44	9	0
HURGHADA	270	3	12	00	0	0	—	11.2	22	53	12	0
QUSEIR	40	5	15	02	0	0	—	12.2	22	74	17	0
PORT SÛDÂN	350	3	30	02	0	0	—	10.2	25	89	23	0
WÂDI HALFA	10	4	50	02	0	0	—	9.4	27	13	-4	0
ABU HAMAD	310	2	30	02	0	0	—		26	16	-2	6
KAREIMA	20	3	30	02	0	0	—	8.2	27	17	0	0
'ATBARA	360	5	30	02	0	0	—	6.4	27	13	-4	0
KHARTÛM	340	6	50	01	0	0	—	6.8	29	12	-3	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	0	—	7.3	26	13	-5	0
EL FÂSHER	80	6	30	02	0	1	Ci		28	14	-2	0
GENEINA	00	0	30	02	0	0	—		30	11	-3	0
MALAKÂL	10	4	30	01	1	1	Ci	4.2	30	14	0	0
WÂU	270	1	30	02	0	0	—	3.3	31	17	5	0
JUBA	00	0	30	02	2	0	—	4.5	29	29	9	0

At 0600 on Tuesday 3rd April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	110	2	15	02	1	4	As, Ci	12.3	-2.8	22	28	+4	18	+6	50	11	0	90	
SÎDI BARÂNI	20	5	14	00	0	0	—	12.5		18	27		14		60	10	0	108	
MATRÛH	170	11	15	00	0	0	—	14.8	-0.7	19	26		12		40	5	0	51	
EL DABA	220	6	15	00	0	0	—	14.5		18	26		10		73	13	0	54	
ALEXANDRIA	130	15	1.5	42	4	9	—	15.1	+0.2	14	25	+2	13	-1	95	14	0	62	181
FOUAD (Airport)	110	8		42	4	9	—	15.1		15	27		13		95	15	0	63	137
DAMIETTA	110	2	7	00	0	0	—	16.7	+1.9	20	23	+2	14	+2	73	15	0	Rain	101
PORT SA'ÎD	50	9	12	02	0	0	—	16.4	+2.4	19	22		17		88	17	0	18	
EL 'ARISH											22	-1							85
DAMANHUR	130	9	0.8	43	4	9	—	16.2	+1.1	15	30	+5	12	+1	95	15	0	35	94
MANSURA	90	5	35	03	2	5	Ac	16.7	+1.0	17	31	+6	12	+1	88	15	0	31	48
TANTA	40	2	35	03	2	8	Ac	16.6	+1.3	15	30	+4	11	+1	95	15	0	23	35
ZAGAZIG	40	1	35	02	0	0	—	15.8	+0.6	17	31	+5	15	+5	77	13	0	Rain	25
ISMAÎLÎA	20	9	35	01	0	0	—	15.4		16	30		12		77	12	0	17	
FAROUK (Airport)	40	8	14	02	1	1	Cu			17	32		13		77	13	0	Rain	
ALMÂZA	70	9	14	00	0	0	—	14.8	-0.5	16	32		13		77	12	0	12	
EZBEKÎYA	360	6	12	00	0	0	—	15.1	-0.2	18	32	+5	14	+2	73	13	0	11	23
GÎZA	360	6	12	00	0	0	—	15.0	-0.6	18	32	+5	11	+1	73	13	0	11	22
HELWÂN	340	3	3	05	0	0	—	15.1	+0.1	17	33	+6	14	+1	68	11	0	12	25
FAIYÛM	00	0	35	02	0	0	—	15.9	+0.5	20	33	+5	13	+1	46	8	0	8	8
MINYA	360	2	10	00	0	0	—	14.0	-1.1	18	34		10		60	10	0	3	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	13.9	-0.8	22	33				44	9	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	14.1	+0.1	23			12	+1	50	12	0	0.1	
QENA	90	2	15	00	0	0	—	13.9	+0.2	21	37	+3	11	-3	27	1	0	0	
LUXOR	00	0	30	00	0	0	—	13.9	+0.1	22			13		21	-1	0	0	
ASWÂN	00	0	50	00	0	0	—	13.5	+0.3	22	35	+1	18	+1	23	0	0	0	
SÎWA	100	3	11	01	0	1	Ci	13.4	-3.0	19	32	+4	15	+5	64	12	0	dr.	8
BAHARÎYA	360	2	35	02	0	0	—	13.9	-2.0	22	33	+5	14	+3	36	6	0	0	7
FARAFRA	00	0	35	02	0	0	—	14.4		18	33		10		37	3	0	dr.	
DAKHLA	00	0	50	00	0	0	—	14.4	-0.5	19	33	+2	12	-1	23	-3	0	0	
KHARGA	00	0	35	00	0	0	—	13.4	-1.0	23	34	+3	14	0	24	1	0	0	
SUEZ																			15
TÛR	20	5	35	02	0	0	—	13.3	+0.1	22	30	+4	14	-1	50	11	0	4	13
HURGHADA	270	5	30	00	0	0	—	13.0	-0.2	22	26		16		47	10	0	dr.	
QUSEIR	330	5	15	02	0	0	—	13.6	+0.6	23	27	+1	16	-2	32	5	0	dr.	4
PORT SÛDÂN	330	7	30	02	0	0	—	12.2		26	30		19		79	22	0	152	95
WÂDI HALFA	00	0	50	02	0	0	—	12.2		21	35		15		30	-3	0	dr.	
ABU HAMAD	360	2	30	02	0	0	—			25	35		17		16	-3	0		
KAREIMA	70	1	30	02	0	0	—	11.2		22	35		14		25	1	0	dr.	1
'ATBARA	20	5	30	02	0	0	—	10.9		23	36		16		15	-5	0	0.3	2
KHARTÛM	360	7	30	02	0	0	—	10.3		24	36		15		15	-5	0	dr.	4
KASSALA	10	10	30	02	0	0	—	7.3		27	39		13		33	9	0	3	9
WÂD MEDANI	50	9	35	02	0	0	—	9.6		24	37				16	-4	0	46	12
RENK																			49
ROSEIRES	270	5	35	02	0	0	—	12.3		25	38		17		24	3	0	0	39
EL OBEID											35								17
EL FÂSHER											35								6
GENEINA	50	9	30	03	0	6	Cs			22	36		17		12	-9	0		4
MALAKÂL	50	13	30	03	1	6	Ci	9.6		27	40		21		8	-10	0	70	95
WÂU	00	0	10	04	0	2	Ci	9.5		22	40		19		38	7	0	145	178
JUBA											39								198

HUMIDITY %

Mean of day

Station	on 2nd	Diff. from normal
Alexandria	74	+8
Ezbeklya	61	+4
Giza	58	-1
Helwan	42	-1

GÎZA

GRASS MINIMUM TEMP. ON 3rd 8.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 2nd At 15h.

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	31	15	40	10
950					
900					
850	1523	19	24	60	6
800					
700	3149	6		310	3
600					
500	5811	-13		290	15
400	7477	-24		290	30
300	9505	-41		290	29

..... AIRPORT On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 2nd

Station	Farouk		Kharga		Minya		Matruh		Dakhla		Luxor		Port Said		Hurghada		Asyut		Siwa		El Arish		Sherrane		Minya	
Time	15		14		14		14		14		14	15	14		14	15	14		14		13	30	14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	10	50	3	250	3	100	12	180	4	280	4	20	12	130	12	20	4	120	16	360	16	120	12	350	20
600	70	22	60	6	260	4	140	12	170	4	290	6	60	9	130	9	10	4	120	13	10	7	160	16	350	13
1000	60	19	50	7	320	2	160	19			310	5	60	12	150	4	340	3	110	9	20	4	160	16	310	12
1500	60	6	40	7	80	4	100	8			60	8	80	16	90	5	190	5	130	10	180	2	180	16	280	6
2000	150	2			250	3	60	4			80	10	110	10	70	10	180	6	130	2	30	6	170	17		
3000	310	3			290	5	340	8			90	14	140	7	40	2	90	7	90	1	300	4				
4000					140	2	310	17											320	11	310	10				
5000	290	13					290	17											310	19						
6000	290	17																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time							2															
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							90	14														
600							80	23														
1000							80	21														
1500							80	16														
2000							80	9														
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4				4		4	30	4		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	12														
600									340	22	70	19	50	15			70	6					20	25
1000									40	15	50	13	50	20			50	12	20	23	40	3	20	23
1500									50	5	30	10	50	13			20	16	40	11			350	11
2000																			260	7	130	2		
3000									330	7	270	11	320	7			250	5	280	9	220	6	280	11
4000																	250	1	290	7				
5000													310	4					160	7			160	1
6000																			240	2				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

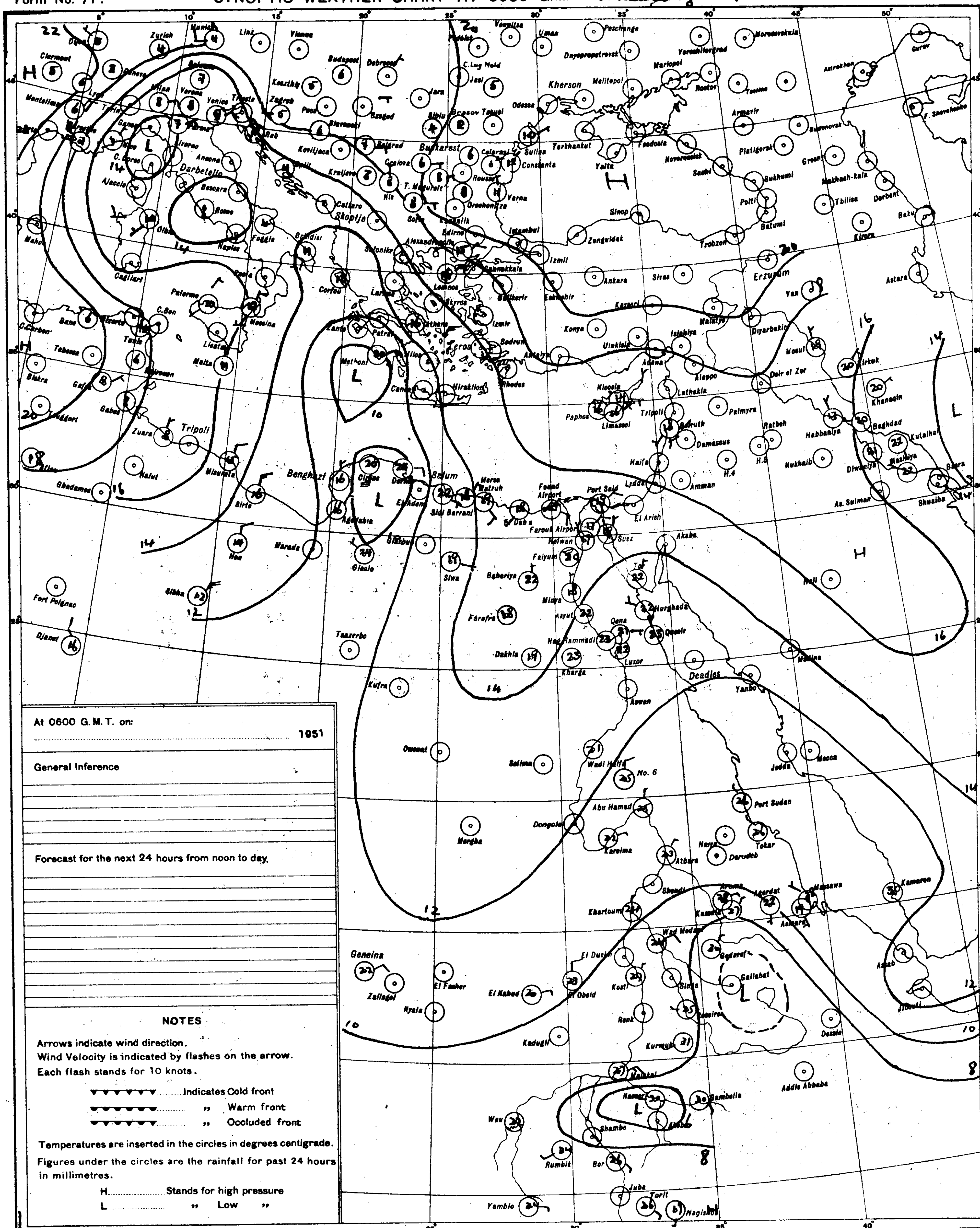
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 3/4/ 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 42 G.M.T.
" " Sunset 16 15 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 4th April, 1951

At 1200 on Tuesday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	180	5	35	03	2	8	as	11.5	34	14	3
	303	SÎDI BARÂNI	80	15	13	03	0	4	as	11.8	26	55	16
	306	MATRÛH	130	16	12	02	0	0	—	13.3	27	35	10
	309	EL DABA'											
		ALEXANDRIA	40	13	50	00	0	0	—	15.0	26	55	16
	318	FOUAD (Airport)	20	10	18	02	0	0	—	14.8	28	49	16
	330	DAMIETTA	20	5	35	02	0	0	—	15.9	22	74	17
	333	PORT SA'ID	10	16	30	02	0	0	—	14.5	22	78	18
	336	EL 'ARISH	20	5	30	00	0	0	—	14.7	21	74	16
Lower Egypt	339	DAMANHUR	130	5	15	02	0	0	—	15.1	31	22	7
	342	MANSURA	40	5	35	00	1	0	—	15.0	31	31	12
	348	TANTA	40	5	35	02	1	0	—	15.9	31	28	10
	354	ZAGAZIG	40	3	50	02	0	0	—	14.6	31	31	12
	440	ISMAÎLÎA	20	2	35	02	0	0	—	14.2	31	22	7
Cairo Area	366	FAROUK (Airport)	340	10	30	00	0	0	—	14.0	32	41	17
	372	ALMÂZA	360	15	15	00	0	0	—	13.1	32		
		EZBEKÎYA	320	4	18	00	0	0	—	13.4	32	18	5
		GÎZA	320	4	18	00	0	0	—	13.6	33	16	4
	378	HELWÂN	320	5	15	02	0	0	—	13.0	32	10	-3
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	13.6	32	20	6
	387	MINYA	300	3	12	00	0	0	—	12.2	36	10	-1
	393	ASYÛT MANQABÂD	60	3	30	00	0	0	—	11.5	36	10	0
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	11.9	35		
	402	QENA	360	2	50	00	0	0	—	11.1	35	15	5
	405	LUXOR	90	8	30	00	0	0	—	10.8	36	4	-12
	414	ASWÂN	00	0	50	00	0	0	—	8.5	36	10	-1
Oases	417	SÎWA	180	9	14	00	0	0	—	13.1	35	37	18
	420	BAHARÎYA	00	0	35	02	0	0	—	12.2	35	15	5
	423	FARAFRA	130	1	35	02	0	0	—	13.1	34	36	17
	432	DAKHLA	340	5	50	00	0	0	—	13.1	35	12	1
	435	KHARGA	00	0	35	00	0	0	—	9.9	36	10	-1
Red Sea	450	SUEZ	00	0	50	02	0	0	—	13.5	32	15	2
	459	TÔR	270	2	35	02	0	0	—	13.1	27	55	17
	462	HURGHADA	30	4	30	00	0	0	—	11.7	27	66	20
	465	QUSEIR	20	9	15	02	0	0	—	12.3	26	62	18
	641	PORT SUDÂN	50	13	30	02	0	0	—	9.6	30	24	7
North Sudan	600	WÂDI HALFA	50	3	50	03	0	3	Ci	9.0	35	10	-1
	640	ABU HAMAD											
	660	KAREIMA	90	1	30	02	0	0	—	7.4	35	10	-1
	680	'ATBARA											
	721	KHARTÛM	360	6	30	03	0	2	Ci	5.8	36	7	-6
	730	KASSALA	310	4	30	02	0	0	—	2.8	39	9	1
Central Sudan	751	WÂD MEDANI	50	5	35	02	0	0	—	4.4	37	10	0
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	2	30	02	1	3	Ci	4.9	35	9	-2
	760	EL FÂSHER	10	3	30	01	2	4	Ci		35	11	0
	770	GENEINA	130	4	30	03	2	7	Cs		35	5	-10
S. Sudan	840	MALAKÂL	360	4	30	03	2	4	Cs	2.9	40	5	-8
	880	WÂU	50	6	30	03	0	4	Cs	3.5	39	7	-3
	941	JUBA	50	9	30	02	2	8	Cu, Cs	2.7	39	20	12

At 1800 on Tuesday 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	290	2	15	01	1	6		10.4	22	57	13	0
SÎDI BARÂNI	100	18	11	01	2	2	Sc, Cu	11.6	20	69	14	0
MATRÛH	140	8	14	03	0	3	Cc	14.5	19	78	15	0
EL DABA'												
ALEXANDRIA	90	12	35	00	0	0	—	15.6	20	64	13	0
FOUAD (Airport)	40	9	12	02	0	0	—	14.9	20	78	16	0
DAMIETTA	20	5	7	02	0	0	—	15.1	19	88	17	0
PORT SA'ID												
EL 'ARISH	40	5	12	00	0	0	—	14.5	18	88	16	0
DAMANHUR	130	5	15	02	0	0	—	15.8	20	73	15	0
MANSURA	40	5		00	0	0	—	16.4	20	73	15	0
TANTA	360	2	35	02	0	0	—	14.9	19	83	16	0
ZAGAZIG		3	35	02	0	0	—	14.0	21	57	12	0
ISMAÎLÎA	20	5	35	02	0	0	—	14.3	21	74	16	0
FAROUK (Airport)	70	14	12	00	0	0	—	14.5	24	24	2	0
ALMÂZA	80	11	12	00	0	0	—	13.8	25	34	8	0
EZBEKÎYA	40	10	12	00	0	0	—	14.0	24	41	10	0
GÎZA	40	10	12	00	0	0	—	14.3	25	42	11	0
HELWÂN	40	22	7	02	0	0	—	13.0	25	34	8	0
FAIYÛM	00	0	35	02	0	0	—		23	50	12	0
MINYA	00	0	10	00	0	0	—	12.3	23	44	10	0
ASYÛT MANQABÂD	210	2	10	00	0	0	—	11.5	28?	19	2	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.4	24	38	9	0
QENA	360	1	7	00	0	0	—	11.4	25	28	5	0
LUXOR	30	4	12	00	0	0	—	11.6	29	11	-4	0
ASWÂN	00	0	50	00	0	0	—	8.5	28	22	4	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	12.7	25	22	2	0
FARAFRA	90	2	15	02	0	0	—	12.2	27	30	8	0
DAKHLA	320	4	35	00	0	0	—	12.0	30	11	-4	0
KHARGA	00	0	35	00	0	0	—	11.0	29	11	-4	0
SUEZ	310	5	15	02	0	0	—	13.2	24	38	9	0
TÔR	180	5		02	0	0	—	12.3	26	25	4	0
HURGHADA	170	5	10	00	0	0	—	12.0	22	81	14	0
QUSEIR	20	5	15	02	0	0	—	13.1?	24	69	18	0
PORT SUDÂN	270	1	30	02	0	0	—	11.0	25	74	20	0
WÂDI HALFA	360	5	30	01	0	0	—	9.5	25	15	-4	0
ABU HAMAD	310	1	30	02	0	0	—		28	14	-2	0
KAREIMA	360	10	30	02	0	0	—	7.5	31	11	-3	0
'ATBARA	360	2	30	01	1	4	Cs	6.1	29	18	2	0
KHARTÛM	360	7	30	01	2	2	Ci	6.5	27	11	-5	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	1	0	—	6.4	28	16	0	0
EL FÂSHER												
GENEINA	180	2	30	01	2	4	Ci		30	11	-3	0
MALAKÂL	00	0	30	01	1	2	Ci	3.5	32	17	4	0
WÂU	00	0	30	01	0	0	—	4.1	32	13	0	0
JUBA	00	0	30	01	2	0	—	4.4	29	27	8	0

At 0600 on Wednesday 4th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	140	5	15	03	2	5	as, Ci	11.1	-3.9	25	34	+10	19	+7	34	8	0	90	
SÎDI BARÂNI	00	0	14	00	0	3	Cu	10.6		22			14		36	6	0	108	
MATRÛH	160	12	14	02	0	0	—	12.3	-2.1	22	29		14		27	2	0	51	
EL DABA'																			
ALEXANDRIA	130	11	50	00	0	0	—	14.2	-0.7	17	27	+4	14	0	77	13	0	62	181
FOUAD (Airport)	100	10	18	02	4	0	—	14.4		17	28		15		83	14	0	63	137
DAMIETTA	90	5	7	00	0	0	—	15.8	+1.0?	20	24	+3	16	+3	83	14	0	Rain	101
PORT SA'ID	80	12	18	02	0	1	Cu	14.2	+0.3	20			16		83	17	0	18	
EL 'ARISH											24	+1							85
DAMANHUR	130	9	1.5	28	4	0	—	15.5	+0.5	16	32	+7	13	+2	88	14	0	35	94
MANSURA	40	5	35	00	0	0	—	15.1	-0.1	18	32	+6	14	+3	88	16	0	31	48
TANTA	90	8	35	01	1	4	Cu, Sc	15.9	+0.7	16	32	+5	13	+3	95	16	0	23	35
ZAGAZIG	40	2	35	02	0	0	—	15.4	0.0	17	34	+7	15	+5	77	13	0	Rain	25
ISMAÎLÎA	20	5	35	01	0	0	—	14.6		19	32		13		73	14	0	17	
FAROUK (Airport)	290	2	13	00	0	0	—	14.6		18	33		15		60	10	0	Rain	
ALMÂZA	00	0	15	00	0	0	—	14.3	-0.9	17	32		14		77	13	0	12	
EZBEKÎYA	350	4	12	00	0	0	—	14.6	-0.6	19	33	+6	15	+3	73	14	0	11	23
GÎZA	350	4	12	00	0	0	—	14.6	-0.9	17	34	+7	12	+2	88	15	0	11	22
HELWÂN	00	0	3	05	0	0	—	14.4	-0.6	17	34	+7	14	+1	77	13	0	12	25
FAIYÛM	00	0	35	02	0	0	—	15.1?	-0.3	22	35	+7	14	+2	50	11	0	8	8
MINYA	00	0	8	00	0	0	—	13.7?	-1.3	22	36		12		50	11	0	3	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	14.1	-0.5	21	36		13		44	8	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	14.2	+0.3	24	36	+6	13	+2	69	18	0	0.1	
QENA	90	1	15	00	0	0	—	14.3	+0.6	24	38	+4	13	-1	21	0	0	0	
LUXOR	70	4	30	00	0	0	—	13.6	-0.1	23	37		15		18	-3	0	0	
ASWÂN	20	3	50	00	0	0	—	13.5	+0.3	24	37	+3	19	+2	26	3	0	0	
SÎWA																			8
BAHARÎYA	00	0	35	02	0	0	—	13.6	-2.3	25	36	+7	14	+3	34	8	0	0	7
FARAFRA	220	1	35	01	0	0	—	15.1		17	35		10		42	4	0	dr.	
DAKHLA	340	5	50	00	0	0	—	14.3	-0.5	16	36	+4	12	-1	28	-3	0	0	
KHARGA	360	1	35	00	0	0	—	13.5	-0.8	24	37	+5	17	+3	15	-5	0	0	
SUEZ	360	4	35	00	0	0	—	13.8	-1.3	21	35	+8	15	+1	50	10	0	5	15
TÔR	00	0	35	02	0	0	—	13.9	+0.7	23	30	+4	15	0	65	16	0	4	13
HURGHADA	00	0	30	00	0	0	—	13.4	+0.3	24	28	+1	14		38	9	0	dr.	
QUSEIR	330	5	15	02	0	0	—	13.8	+0.8	24	27	0	13	-5	41	10	0	dr.	4
PORT SUDÂN	360	7	30	03	0	1	Cu, Ci	13.5		27	31		20		70	21	0	152	95
WÂDI HALFA	130	1	50	03	0	1	Cs	11.9		23	37		16		15	-5	0	dr.	
ABU HAMAD	50	4	30	02	0	0	—			26	37		17		30	7	0		
KAREIMA	70	5	30	03	0	2	Ci	10.7		25	38		18		19	0	0	dr.	1
'ATBARA	360	9	30	01	1	2	Ci	9.5		26	37		18		25	4	0	0.3	2
KHARTÛM	20	9	30	02	1	7	Cs	9.6		27	38		17		14	-3	0	dr.	4
KASSALA	310	2	30	01	1	3	Ci	8.7		26	40		19		37	10	0	3	9
WÂD MEDANI	50	9	35	02	1	3	Ci	8.4		25	39		13		24	3	0	46	12
RENK																			49
ROSEIRES	310	5	35	02	0	0	—	9.1		26	40		16		51	15	0	0	40
EL OBEID											36								17
EL FÂSHER	340	6	30	02	1	3	Ci			18	37		11		17	-8	0	6	6
GENEINA	90	1	30	03	1	5	Cs			20	37		16		16	-7	0		4
MALAKÂL	20	13	30	03	1	5	Cs	7.2		30	41		21		9	-7	0	70	96
WÂU	300	2	30	03	1	5	Ci	8.9		27	40		21		58	18	0	145	180
JUBA											39								201

HUMIDITY %

Mean of day

STATION	on 3rd	Diff. from normal
Alexandria	79	+13
Ezbeklya	53	-4
Giza	53	-6
Helwân	47	+4

GÎZA

GRASS MINIMUM TEMP. 4th 7.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 3rd At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	115	32		40	7
950					
900					
850	1538	20		190	4
800					
700	3170	8		20	11
600					
500	5836	-13		300	14
400	7489	-26		280	32
300	9504	-41		280	42

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 3rd

Height m.	Farouk Dir.	Farouk Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Matruh Dir.	Matruh Vel.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.			P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.	Fouad Dir.	Fouad Vel.	Farouk Dir.	Farouk Vel.
Time	15		14		14		14		14		14		14		14						20		20		20	
300	40	9	70	3	120	7	280	4	330	7	100	15	50	10	40	18			70	17	30	23	280	19	70	26
600	40	8	100	3	140	5	340	3	340	2	120	9	70	13	40	13			40	14	20	8	290	9	70	23
1000	50	6	100	6	140	9	40	3	90	4	170	9	80	13	50	9			50	12	350	8	270	9	50	17
1500	190	4			140	5	30	5	40	3	150	10	100	6	90	7			90	3	300	3	280	6	60	11
2000	270	5			160	5					150	10	160	8	100	7			270	3			360	4	260	12
3000	20	11			40	5					170	7	160	7												
4000													120	8												
5000	300	16											70	3												
6000	250	11											320	6												
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time					2		3						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel
300					100	25	80	11					80	18									
600					110	25	90	17					100	14									
1000					70	16	100	15					100	11									
1500													100	4									
2000													140	9									
3000													100	5									
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8				4								4	15	5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel
300							110	6															
600							120	15			80	19											
1000							120	15			70	15							40	16	350	7	
1500							120	15			30	12							50	9	100	4	
2000							140	12											300	17	190	5	
3000											290	7									270	5	
4000											250	11											
5000																							
6000																							
7000																							
8000																							

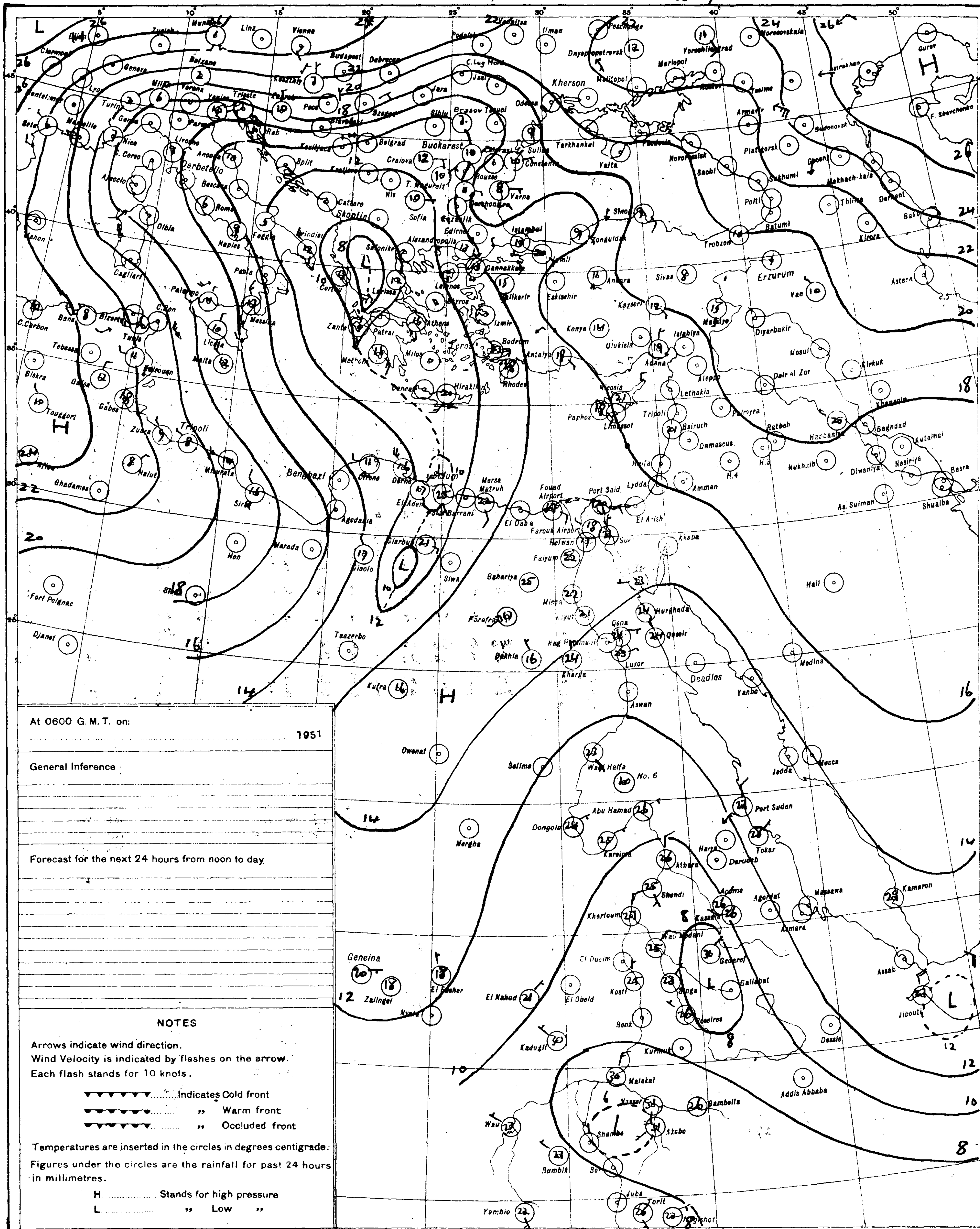
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 4-4-1951



At 0600 G. M. T. on: 1951

General Inference:

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ...... Indicates Cold front
●●●●●● ...... ,, Warm front
▼●▼●▼● ...... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

CAIRO

Time of Sunrise 03 41 G.M.T.

" " Sunset 16 15 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 5th April, 1951

At 1200 on Wednesday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	60	9	35	02	2	3	Ac, Cs	10.0	25	47	13
	303	SÎDI BARÂNI	70	9	14	03	3	3	Ci	10.8	23	50	12
	306	MATRÛH	130	11	15	02	0	0	—	10.9	36	7	-6
	309	EL DABÂ	70	7	35	02	0	0	—	10.5	27	37	11
		ALEXANDRIA	130	8	30	00	0	0	—	11.9	32	24	9
	318	FOUAD (Airport)	140	9	16	02	0	3	—	11.9	33	23	9
	330	DAMIETTA	40	5	35	02	0	0	—	12.1	26	62	18
	333	PORT SA'ÎD	60	12	30	02	0	0	—	12.2	21	83	18
	336	EL 'ARISH	40	2	35	03	1	1	Cu	13.0	22	69	16
Lower Egypt	339	DAMANHUR	130	5	15	02	0	0	—	12.7	34	27	12
	342	MANSURA	90	5	35	00	0	0	—	13.1	33	34	15
	348	TANTA	180	5	35	02	1	0	—	12.7	34	22	9
	354	ZAGAZIG	40	3	30	02	0	0	—	12.4	34	27	12
	440	ISMAÎLIA	360	2	35	02	0	0	—	13.0	34	18	6
Cairo Area	366	FAROUK (Airport)	250	6	30	00	0	0	—	12.4	36	15	6
	372	ALMÂZA	310	6	10	04	0	0	—	11.7	35	12	1
		EZBEKÎYA	320	4	18	00	0	0	—	11.8	35	15	5
		GÎZA	320	4	18	00	0	0	—	11.6	35	23	11
	378	HELWÂN	00	0	7	02	0	0	—	11.5	36	10	-1
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	11.2	36	20	10
	387	MINYA	180	6	12	00	0	0	—	12.0	35	19	8
	393	ASYÛT MANQABÂD	40	2	18	00	0	0	—	13.1	36	10	0
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	12.0	37	40	21
	402	QENA	320	1	50	00	0	0	—	11.2	39	11	3
	405	LUXOR	140	15	30	00	0	0	—	12.9	36	6	-5
	414	ASWÂN	00	0	50	00	0	0	—	9.5	35	8	-1
Oases	417	SÎWA	180	13	14	00	0	0	—	11.2	37		
	420	BAHARÎYA	180	2	35	02	0	0	—	11.1	37	14	6
	423	FARAFRA	180	3	35	02	0	0	—	11.2	38	31	18
	432	DAKHLA	160	6	50	00	0	0	—	12.8	37	8	-3
	435	KHARGA											
Red Sea	450	SUEZ	00	0	50	02	0	0	—	11.4	33	24	10
	459	TÛR	270	2	35	02	0	0	—	12.1	27	55	17
	462	HURGHADA	50	4	30	00	0	0	—	12.3	28	66	21
	465	QUSEIR	20	9	15	02	0	0	—	12.5	27	55	17
	641	PORT SUDÂN	50	12	30	02	0	1	Cu	10.1	30	46	17
North Sudan	600	WÂDI HALFA	360	9	35	02	0	0	—	3.8	34	15	4
	640	ABU HAMAD	90	1	30	02	0	2	Ci		37	13	4
	660	KAREIMA	70	2	30	03	1	4	Ci	6.7	38	12	4
	680	'ATBARA											
	721	KHARTÛM	70	2	50	01	2	2	Ci	4.9	39	10	2
	730	KASSALA	20	4	30	01	1	4	Ci	2.8	39	12	4
Central Sudan	751	WÂD MEDANI	50	5	35	02	1	2	Ci	3.4	39	6	-6
	801	RENK											
	802	ROSEIRES	230	5	35	02	0	0	—	3.5	40	28	18
	771	EL OBEID											
	760	EL FÂSHER	20	7	30	02	1	6	Cs		37	3	-16
	770	GENEINA	30	5	35	01	1	5	Ac		37	6	-6
S. Sudan	840	MALAKÂL	00	0	30	03	1	7	Cs	2.8	41	6	-3
	880	WÂU											
	941	JUBA	320	5	30	03	1	6	Cu, Cs	2.1	39	16	9

At 1800 on Wednesday 4th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
62300	SALÛM	320	9	15	02	2	6	Ac, Cs	15.0	17	77	13	0
303	SÎDI BARÂNI	300	20	12	01	2	3	Sc, Cu	12.7	17	88	15	0
306	MATRÛH	340	20	10	00	0	7	Cs	12.2	19	78	15	0
309	EL DABÂ	00	0	7	00	0	0	—		20	73	15	0
	ALEXANDRIA	130	11	35	00	0	0	—	13.0	18	52	8	0
318	FOUAD (Airport)	40	8	12	01	1	0	—	12.1	21	83	18	0
330	DAMIETTA	40	2	7	02	0	0	—	12.6	21	65	14	0
333	PORT SA'ÎD	80	10	14	01	0	0	—	11.3	20	83	17	0
336	EL 'ARISH	40	12	15	00	0	0	—	13.5	22	68	15	0
339	DAMANHUR	130	5	7	02	0	0	—	11.6	26	42	12	0
342	MANSURA	90	3		00	0	0	—	12.3	23	65	16	0
348	TANTA	30	0	35	02	0	0	—	12.1	24	61	16	0
354	ZAGAZIG	40	1	35	02	0	0	—	12.2	25	48	13	0
440	ISMAÎLIA	40	2	35	01	0	0	—	12.0	27	33	9	0
366	FAROUK (Airport)	90	5	12	00	0	0	—	12.2	28	25	6	0
372	ALMÂZA	80	11	12	00	0	0	—	11.5	27	29	7	0
	EZBEKÎYA	00	0	12	00	0	0	—	11.6	24	44	11	0
	GÎZA	00	0	12	00	0	0	—	11.8	24	38	9	0
378	HELWÂN	00	0	7	02	0	0	—	11.2	30	7	-10	0
381	FAIYÛM	00	0	35	02	0	0	—	11.6	25	48	13	0
387	MINYA	00	0	10	00	0	0	—	11.7	24	26	3	0
393	ASYÛT MANQABÂD	00	0	8	00	0	0	—	11.3	29	20	4	0
399	NAG' HAMMÂDI	00	0	15	00	0	3	Ac	11.4	24	54	14	0
402	QENA	360	2	7	00	0	0	—	11.1	25	22	2	0
405	LUXOR	40	0	18	00	0	0	—	10.6	29	11	-4	0
414	ASWÂN	00	0	50	00	0	0	—	9.8	29	23	6	0
417	SÎWA	280	9	10	01	0	1	As	11.4	27	45	14	0
420	BAHARÎYA	00	0	15	02	0	0	—	12.0	26	21	2	0
423	FARAFRA												
432	DAKHLA	320	6	35	00	0	0	—	13.6	30	7	-10	0
435	KHARGA	00	0	15	00	0	0	—	11.4	30	11	-4	0
450	SUEZ	00	0	15	02	0	0	—	11.4	24	47	12	0
459	TÛR	40	2		02	0	0	—	12.6	24	32	6	0
462	HURGHADA	00	0	10	00	0	0	—	11.4	22	78	18	0
465	QUSEIR	330	5	15	02	0	0	—	12.0	24	74	19	0
641	PORT SUDÂN	00	0	30	01	0	0	—	11.5	27	70	21	0
600	WÂDI HALFA	20	5	50	01	0	0	—	8.6	32	9	-5	0
640	ABU HAMAD	310	1	30	02	0	0	—		31	22	7	0
660	KAREIMA	20	3	30	02	1	0	—	7.5	31	17	3	0
680	'ATBARA	360	5	30	01	2	3	Ci	6.1	31	13	0	0
721	KHARTÛM	360	7	30	02	0	2	Ci	6.1	31	12	-1	0
730	KASSALA	360	2	30	01	0	0	—	5.4	29	25	7	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	360	4	30	01	1	1	Ci	7.1	27	8	-10	0
760	EL FÂSHER			50	02	1	6			30	9	-6	0
770	GENEINA												
840	MALAKÂL	00	0	30	01	2	0	—	2.7	33	20	7	0
880	WÂU	00	0	30	02	0	0	—	3.4	32	18	5	0
941	JUBA												

At 0600 on Thursday 5th April,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
62300	SALÛM	290	9	15	01	1	2	Ac	17.2	+2.2	16	29	+5	13	+1	59	8	0	90	
303	SÎDI BARÂNI	270	25	14	00	0	8	Cu	17.3		16			15				0	108	
306	MATRÛH	350	23	12	02	2	7	Cu, Sc	15.0	-2.4	17	36		16		68	11	0	51	
309	EL DABÂ	320	10	7	03	2	8	Sc	14.0		18	32		17		73	13	0	54	
	ALEXANDRIA	270	16	50	01	1	7	Cu, Sc, Cs	12.7	-2.1	19	34	+11	17	-3	88	17	0	62	181
318	FOUAD (Airport)	270	18	12	03	1	6	Ac, Cs	12.1		20	36		17		88	18	0	63	137
330	DAMIETTA	160	2	7	03	0	1	Ac	11.6	-3.1	24	26	+5	18	+5	57	15	0	Rain	101
333	PORT SA'ÎD	200	8	18	02	0	0	—	10.4	-3.5	23	23		17		57	14	0	18	
336	EL 'ARISH											24	+1							86
339	DAMANHUR	40	13		02	1	2	Ci	12.4	-2.5	21	35	+10	14	+3	57	12	0	35	94
342	MANSURA	220	5	35	00	0	0	—	11.8	-3.3	21	37	+11	15	+4	50	10	0	31	48
348	TANTA	270	2	35	02	0	0	—	12.7	-2.5	19	35	+8	11	+1	53	16	0	23	35
354	ZAGAZIG	220	1	35	02	0	0	—	11.9	-3.2	21	37	+10	15	+5	57	12	0	Rain	25
440	ISMAÎLIA	200	2	35	01	0	0	—	11.8		25	37		18		47	13	0	17	
366	FAROUK (Airport)	250	10	18	00	0	0	—	13.1		20	37		19		69	14	0	Rain	
372	ALMÂZA	280	12	15	00	0	0	—	12.8	-2.3	21	37		20		69	15	0	12	
	EZBEKÎYA	270	12	12	00	0	0	—	13.0	-2.1	22	37	+10	19	+7	65	15	0	11	23
	GÎZA	270	12	12	00	0	0	—	13.1	-2.3	23	37	+10	15	+5	61	15	0	11	22
378	HELWÂN	320	11	15	00	0	0	—	13.2	-1.7	22	37	+10	18	+5	21	-1	0	12	25
381	FAIYÛM	00	0	35	02	0	0	—	13.6	-1.7	22	38	+10	17	+5	36	6	0	6	8
387	MINYA	190	3	8	00	0	0	—	12.7	-2.2	23	36				41	9	0	3	
393	ASYÛT MANQABÂD	00	0	8	10	0	0	—	12.6	-2.0	24	37		18		21	0	0	dr.	
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	13.0	-0.8	25	38	+8	15	+4	48	13	0	0.1	
402	QENA	90	2	15	00	0	0	—	13.1	-0.5	24	40	+6	16	+2	21	0	0	0	
405	LUXOR	20	3	30	00	0	0	—	12.4	-1.2	24	40		15		24	2	0	0	
414	ASWÂN	00	0	50	00	0	0	—			27	40	+6	20	+2	30	8	0	0	
417	SÎWA	350	12	11	03	0	5	As	18.6	+2.4	18	38	+10	16	+5	83	15	0	dr.	8
420	BAHARÎYA	270	2	35	02	0	0	—	13.5	-2.3	21	37	+8	15	+4	50	10	0	0	7
423	FARAFRA																			
432	DAKHLA	340	6	50	00	0	0	—	13.5	-1.2	20	38	+6	12	-1	56	11	0	0	
435	KHARGA	00	0	15	00	0	0	—	11.0	-3.2	24	38	+6	12	-2	21	0	0	0	
450	SUEZ	160	3	35	00	0	0	—	11.4	-3.6	25	34	+7	16	+2	48	13	0	5	15
459	TÛR	20	2	35	02	0	0	—	11.7	-1.4	25	30	+4	16	+1	28	5	0	4	13
462	HURGHADA	00	0	30	00	0	0	—	11.8	-1.2	28	29		18		27	7	0	dr.	
465	QUSEIR	270	5	15	02	0	0	—	12.8	-0.1	24	29	+2	18	-1	38	9	0	dr.	4
641	PORT SUDÂN	00	0	30	02	0	0	—	11.9		29	31		21		52	18	0	152	95
600	WÂDI HALFA	30	1	50	02	0	0	—	10.6		24	39		18		17	-3	0	dr.	
640	ABU HAMAD	360	6	30	02	0	0	—			29	38		21		46	16	0		
660	KAREIMA	70	6	30	02	0	0	—	9.1		27	38		22		33	9	0	dr.	1
680	'ATBARA	20	9	30	03	1	3	As	8.1		28	38		22		49	16	0	0.3	2
721	KHARTÛM	10	5	30	02	0	0	—	7.8		27	39		19		17	0	0	dr.	4
730	KASSALA	100	7	30	02	0	0	—	5.6		32	41		22		32	13	0	3	9
751	WÂD MEDANI																			12
801	RENK																			49
802	ROSEIRES																			40
771	EL OBEID	360	5	18	03	0	2	Ci	8.7		25	38		17		19	0	0	7	17
760	EL FÂSHER																			6
770	GENEINA																			4
840	MALAKÂL	360	7	30	02	2	8	Cs	6.8		27	42		21		15	-2	0	70	97
880	WÂU											40								182
941	JUBA	220	9	30	05	2	7	Ac	8.0		30	40		25		49	12	0	214	204

HUMIDITY %

Mean of day

STATION	on 4th	Diff. from normal
Alexandria	65	-1
Ezbekiya	54	-3
Giza	61	+2
Helwan	40	-3

GÎZA

GRASS MINIMUM TEMP. ON 5th 8.9 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 4th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	97	35		250	3
950					
900					
850	1534	22		210	10
800					
700	3179	8		240	5
600					
500	5845	-12		230	10
400	7505	-27		240	17
300	9517	-43		280	35

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 4th At 9h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	175	28	58	230	8
950					
900					
850					
800					
700	3286	10	54	280	6
600	4544	0	55	270	3
500	5977	-10		280	13
400	7654	-22			
300	9696	-40			

UPPER WIND OBSERVATIONS on 4th

Height m.	Farouk Dir.	Farouk Vel.	El Arish Dir.	El Arish Vel.	Fouad Dir.	Fouad Vel.	Minya Dir.	Minya Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	15		14	30	14		14		14		14		14		14		14		14		14		20		20	
300	250	4	60	11	170	13	160	5	340	12	320	11	40	7	180	3	290	8	50	10	170	2	210	4	110	7
600	210	3	60	4	170	10	160	10	120	11	170	23	60	6	180	6	330	2	60	8	160	5	220	5	110	6
1000	210	2	60	3	190	16	150	7	140	13	200	16	140	3	160	6	250	3	70	8	150	7	220	5	130	5
1500	210	10			200	18	220	10	150	10			180	10	120	4	120	7	120	4	150	8	160	3	150	5
2000	190	16			160	16	150	3	240	7			190	10	100	4	210	13	150	3	140	6	150	11	150	3
3000	210	5			210	6	210	4	170	6			140	7			150	13					180	15		
4000							230	9																		
5000	230	7					200	6																		
6000	230	10					240	19																		
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					5		2						2											
300					320	18	170	12					140	8										
600					260	10	160	7					160	5										
1000					240	12	150	7					240	3										
1500							150	3					320	5										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time											4		4		4		4		4	30	5		4	
300																								
600											90	21	70	19	30	27	80	9					350	19
1000											80	25	80	21	40	17	60	13	30	26	40	13	360	23
1500											50	23	80	21	30	11	10	12	40	18	60	12	360	17
2000																			40	12			360	1
3000											90	12	10	10	50	3	250	12	80	9	20	7		
4000																	250	13						
5000															320	15								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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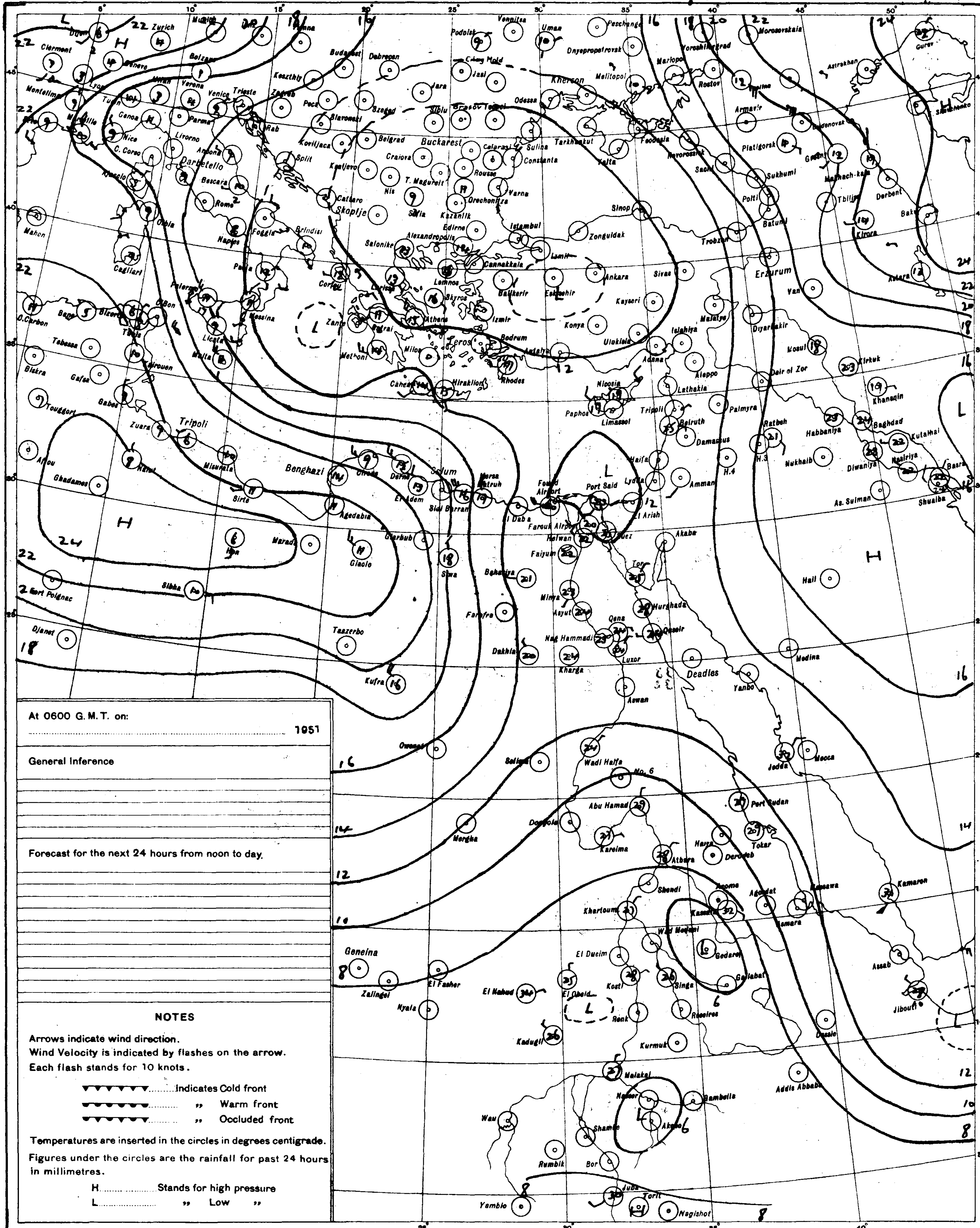
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 5-4- 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

Moh. Ali. Hassan.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 03 40 G. M. T.
" " Sunset 16 16 G. M. T.

DAILY WEATHER REPORT

Date: Friday 6th April, 1951

At 1200 on Thursday 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	220	9	35	00	0	1	Cu	15.8	21		
	303	SÎDI BARÂNI	310	20	14	01	0	0	—	16.9	19	46	7
	306	MATRÛH	340	19	14	02	0	3	Ac	15.9	19	56	10
	309	EL DABA	320	10	35	01	1	3	Cu	14.9	18	60	10
		ALEXANDRIA	310	26	50	03	2	6	Cu	14.2	20	64	13
	318	FOUAD (Airport)	320	17	18	01	2	7	Sc	13.8	20	77	16
	330	DAMIETTA	270	10	7	03	1	6	Ac	11.9	24	61	16
	333	PORT SA'ID	320	13	30	02	0	1	Ci	10.1			18
	336	EL 'ARISH	310	11	30	00	0	0	—	9.7	30	33	12
Lower Egypt	339	DAMANHUR	90	13	15	03	2	7	Sc, Cu	14.0	20	64	13
	342	MANSURA	40	5	35	03	2	6	Ac	11.9	29	46	16
	348	TANTA	270	13	35	03	2	8	Ac		29	52	18
	354	ZAGAZIG	220	1	50	02	0	0	—	11.5	32	49	20
	440	ISMA'ILIA	290	2	35	02	0	0	—	10.8	34	27	12
Cairo Area	366	FAROUK (Airport)	290	10	14	02	1	2	As	12.3	30	49	18
	372	ALMAZA	290	11	18	00	0	1	Ci	11.8	30	40	15
		EZBEKIYA	310	16	18	02	1	3	As, Ci	12.0	30	40	15
		GIZA	310	16	18	02	1	3	As, Ci	12.3	32	28	11
	378	HELWAN	320	11	15	03	1	1	Ci	11.6	30	31	11
Upper Egypt	381	FAIYUM	360	5	35	02	0	0	—	11.9	32	24	9
	387	MINYA	00	0		00	0	0	—	10.5	38	16	8
	393	ASYUT MANQABAD	340	3	30	00	0	0	—	9.6	37	8	-3
	399	NAG' HAMMADI	00	0	35	00	0	0	—	10.3	36		
	402	QENA	90	2	50	00	0	0	—	9.5	40	6	-4
	405	LUXOR	280	2	30	00	0	0	—	8.9	39	9	1
	414	ASWAN	00	0	50	00	0	0	—	7.8	39	8	-1
Oases	417	SÎWA	300	11	14	03	1	3	Ac, Ci	18.4	25	47	13
	420	BAHARIYA	360	3	35	02	1	3	Ac	12.8	29	35	12
	423	FARAFRA	320	10	7	07	3	0	—	13.9	29	29	9
	432	DAKHLA	340	8	50	00	0	0	—	10.7	36	3	-16
	435	KHARGA	00	0	35	00	0	0	—	9.1	39	8	-1
Red Sea	450	SUEZ	180	4	50	02	0	0	—	14.0	30	25	8
	459	TOR	220	2	35	02	0	0	—	10.6	28	58	19
	462	HURGHADA	50	7	30	00	0	0	—	9.8	28	62	20
	465	QUSEIR	40	9	15	02	0	0	—	10.2	27	62	19
	641	PORT SUDAN	70	12	30	02	0	1	Cu	8.9	31	59	22
North Sudan	600	WADI HALFA	130	10	50	02	0	0	—	6.4	39	8	-1
	640	ABU HAMAD	70	6	10	03	0	1	Cu		37	20	11
	660	KAREIMA	70	2	30	02	0	0	—	6.5	38	11	3
	680	'ATBARA											
	721	KHARTUM	290	5	30	02	0	1	Ci	2.6	39	12	5
	730	KASSALA	310	6	30	03	1	3	Ci	0.6	39	13	6
Central Sudan	751	WAD MEDANI	230	9	35	02	0	0	—	2.4	40	8	0
	801	RENK											
	802	ROSEIRES	310	9	35	02	0	0	—	1.9	41	7	-2
	771	EL OBEID	340	13	30	03	1	4	Ci	2.3	37	8	-3
	760	EL FASHER	280	5	30	02	1	1	Ci		37	8	-8
	770	GENEINA	200	3	30	01	1	1	Ci		37	8	-3
S. Sudan	840	MALAKAL											
	880	WAU	340	5	30	02	2	8	Cs	2.7	39	16	9
	941	JUBA	290	2	30	29	2	8	Cb, Ac, Ci	3.9	33	47	20

At 1800 on Thursday 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	220	5	15	00	0	0	—	17.4	16	59	8	0
SÎDI BARÂNI	320	7	13	00	0	0	—	16.8	16	64	9	0
MATRÛH	360	9	30	00	0	0	—	17.2	15	63	8	0
EL DABA	320	8	7	02	0	5	Sc, Cu	16.5	16	56	8	0
ALEXANDRIA	310	16	25	01	2	3	Cu	16.6	16	68	10	0
FOUAD (Airport)	320	12	12	01	1	0	—	16.2	16	77	12	0
DAMIETTA	320	9		03	2	8	Cu, Sc	13.4	19	73	14	0
PORT SA'ID												
EL 'ARISH												
DAMANHUR	310	9	15	02	1	3	Sc, Cu	16.3	16	77	12	0
MANSURA	220	9		00	3	0	—	15.4	19	73	14	0
TANTA	270	2	35	01	1	4	Cu, Sc	15.9	18	88	16	0
ZAGAZIG	320	3	35	02	3	0	—	14.8	18	83	15	0
ISMA'ILIA	340	5	35	01	0	0	—	14.2	20	73	15	0
FAROUK (Airport)	320	10	10	01	2	4	Ac	15.5	19	83	16	0
ALMAZA												
EZBEKIYA	350	14	12	02	1	6	As, Cs	15.0	19	73	14	0
GIZA	350	14	12	02	1	6	As, Cs	15.1	19	73	14	0
HELWAN	320	12	7	05	3	3	Ac, Ci	15.0	19	73	14	0
FAIYUM	360	8	15	06	3	0	—	15.1	20	56	11	0
MINYA	350	24	4	31	3	0	—	12.9	23	50	12	0
ASYUT MANQABAD	240	2	10	00	0	0	—	10.0	28	23	5	0
NAG' HAMMADI	00	0	15	00	0	0	—	9.1	25	47	13	0
QENA	40	2	7	00	0	0	—	10.4	27	33	9	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	10.2	30	25	8	0
SÎWA												
BAHARIYA	360	6	15	02	1	3	Ac	14.6	21	50	10	0
FARAFRA	360	3	7	02	3	1	Ac	14.6	23	38	8	0
DAKHLA	340	11	35	00	0	0	—	12.7	30	7	-10	0
KHARGA	360	2	15	00	0	0	—	9.3	32	15	2	0
SUEZ	360	11	35	02	0	0	—	13.3	21	65	14	0
TOR				02	0	0	—	9.8	24	69	18	0
HURGHADA	140	9	10	00	0	0	—	9.7	25	58	16	0
QUSEIR	20	5	15	02	0	0	—	9.8	25	61	17	0
PORT SUDAN	00	0	30	01	0	0	—	9.	27	77	23	0
WADI HALFA	340	8	50	02	0	0	—	6.9	32	13	0	0
ABU HAMAD	00	0	30	02	0	3	Sc, Cu		34	23	10	0
KAREIMA	330	3	30	02	0	0	—	5.4	31	16	2	0
'ATBARA												
KHARTUM	360	6	30	01	0	1	Ci	3.7	33	17	5	0
KASSALA	10	2	30	02	0	0	—	3.2	28	14	-2	0
WAD MEDANI												
RENK												
ROSEIRES			30	01	1		Ci	4.8	29	11	-5	0
EL OBEID	90	2	30	02	0	0	—				-2	0
EL FASHER	20	3	30	02	0	0	—		31	5	-14	0
GENEINA												
MALAKAL	00	0	30	01	2	7	Cs	4.6	31	29	11	0
WAU	180	13	30	02	9	8	Cb, Ac, Ci	7.9	25	70	19	0
JUBA												

At 0600 on Friday 6th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	9	15	00	0	0	—	16.8	+1.9	13	22	-2	10	-2	55	4	0	90	
SÎDI BARÂNI	280	5	14	00	0	0	—	16.8		11	19		9		77	7	0	108	
MATRÛH	290	14	14	02	0	0	—	17.3	+2.0	15	20		10		63	8	0	51	
EL DABA	270	6	15	00	0	0	—	16.3		16	21		9		56	8	0	54	
ALEXANDRIA	310	11	50	03	2	3	Cu	16.8	+2.0	17	24	+1	15	+1	60	9	0	62	181
FOUAD (Airport)	240	11	18	02	1	2	Sc	17.0		18	22		15		69	10	0	63	137
DAMIETTA	320	9	7	01	1	6	Cu	17.0	+2.3	18	20	+9	16	+3	73	13	0	Rain	101
PORT SA'ID	310	13	18	01	1	6	Sc, Ac	16.5	+2.7	18			17		64	11	0	18	
EL 'ARISH	290	12	15	02	2	8	Sc	16.6	+2.2	19			18	+6	73	14	0	Rain	86
DAMANHUR	310	9	7	02	0	0	—	17.4	+2.5	17	21	-4	13	+2	77	13	0	35	94
MANSURA	270	5	35	02	1	3	Cu	17.2	+2.1	16	31	+5	13	+2	68	10	0	31	48
TANTA	270	2	35	01	1	4	Cu, Sc	17.4	+2.3	17	29	+2	11	+1	77	13	0	23	35
ZAGAZIG	220	1	35	02	0	0	—	17.0	+1.9	17	33	+6	13	+2	77	13	0	Rain	25
ISMA'ILIA	20	9	35	03	2	7	Ac	18.0		19	24		15		66	12	0	17	
FAROUK (Airport)	310	6	11	01	2	5	Cu, Sc, Cs	18.1		16	31		14		77	12	0	Rain	
ALMAZA	10	10	12	01	2	4	Sc	17.5	+2.4	16			14		72	11	0	12	
EZBEKIYA	350	14	12	02	1	4	Ac, Ci	17.8	+2.7	17	31	+4	15	+2	72	12	0	11	23
GIZA	350	14	12	02	1	4	Ac, Ci	17.5	+2.1	17	32	+5	14	+4	68	11	0	11	22
HELWAN	340	11	7	00	0	6	Cu	17.1	+2.2	17	31	+4	15	+2	60	9	0	12	25
FAIYUM	360	2	35	03	0	1	Cu	17.3	+2.1	18	34	+6	14	+2	60	10	0	8	8
MINYA	360	14	8	02	1	1	Ac	16.8	+2.0	17	38		14		64	10	0	3	
ASYUT MANQABAD	350	8	10	00	0	4	Ac	16.4	+1.9	18	38		14		60	10	0	do.	
NAG' HAMMADI	340	3	15	00	0	0	—	13.5	-0.3	20	37	+1	17		73	15	0	0.1	
QENA	320	3	15	00	0	0	—	12.2	-1.3	24	41	+7	18	+3	38	9	0	0	
LUXOR	00	0	30	00	0	0	—	10.7	-2.6	23			18		44	10	0	0	
ASWAN	00	0	50	00	0	0	—	10.5	-2.6	25	39	+5	21	+3	28	5	0	0	
SÎWA	00	0	12	00	0	0	—	19.8	+3.7	16			8	-3	68	10	0	do.	8
BAHARIYA	360	3	35	02	1	2	Ac	17.3	+1.6	17			13	+2	60	9	0	0	7
FARAFRA	320	1	15	02	0	0	—	18.4		17	29		13		68	11	0	do.	
DAKHLA	340	21	35	00	0	0	—	15.8	+1.2	20	37	+5	17	+4	33	3	0	0	
KHARGA	360	13	3	06	0	0	—	14.2	+0.1	21	40	+8	18	+4	50	10	0	0	
SUEZ	310	7	50	00	0	2	Sc	16.2	+1.2	18	33	+6	15	+1	60	10	0	5	15
TOR	310	5	35	02	0	0	—	12.0	-1.0	22	34	+7	19	+4	68	15	0	4	13
HURGHADA	310		18	00	0	0	—	10.9	-2.1	21	30		19		83	18	0	do.	
QUSEIR	330	9	15	02	0	0	—	11.2	-1.6	24	32	+5	20	+1	69	18	0	do.	4
PORT SUDAN	70	3	30	03	0	2	Cu	10.8		29	31		23		74	24	0	152	95
WADI HALFA											40								
ABU HAMAD	360	5	50	02	0	0	—			29	39		24		46	16	0		
KAREIMA	50	5	30	02	0	0	—	6.8		30	39		25		38	14	0	do.	1
'ATBARA	80	5	30	02	0	0	—	7.1		29	39		22		43	15	0	0.3	2
KHARTUM	350	4	30	03	0	1	Ci	6.1		30	40		21		21	5	0	do.	4
KASSALA											42								9
WAD MEDANI	50	9	35	02	0	0	—	6.0		29	41		24		18	2	0	46	12
RENK	230	5	35	02	1	3	Ci	10.2		28	42		23		19	2	0		50
ROSEIRES	230	5	35	02	1	5	Ci	9.8		27	42		21		25	5	0	0	41
EL OBEID											38								17
EL FASHER											38								6
GENEINA											38								4
MALAKAL																			98
WAU	230	8	30	03	1	4	Cs	10.3		28	29		24		31	9	0	145	184
JUBA	260	2	35	02	1	6	Ac, Cs	11.0		25	36		22		70	19	do.	214	207

HUMIDITY %

Mean of day

STATION	on 5th	Diff from normal
Alexandria	76	+10
Ezbekiya	63	+7
Giza	63	+5
Helwan	41	-2

GIZA
GRASS MINIMUM TEMP
ON 6th 11.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 5th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	25	65	300	13
950					
900					
850	1514	20		210	12
800					
700	3146	7		250	15
600					
500	5807	-14		230	20
400	7450	-28		250	49
300	9466	-41		250	63

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

Height m.	Matruh Dir.	Matruh Vel.	P. Said Dir.	P. Said Vel.	Aneh Dir.	Aneh Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		15		13		14		14		14		20	
300	320	16	300	17	310	23	330	15	320	29	330	29	70	3	130	14	360	23
600	320	19	280	18	280	12	320	15	310	10	330	37	60	5	170	16	360	32
1000	300	30	240	24	280	17	290	12	280	8	330		40	5			120	50
1500			200	23			210	12	290	19			30	12				
2000			260	20			290	20	260	22								
3000							250	15	250	34					340	35		
4000									310	26					340	43		
5000							240	25							350	43		
6000							250	37										
7000																		
8000																		

UPPER WIND OBSERVATIONS on 6th

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8						8				4		4						5				4	
300	350	9					10	23																
600	290	5					30	30			80	19	50	13									50	7
1000	280	5					20	33			90	23	60	15					20	17			150	8
1500	310	10									110	22	70	26					20	20			210	
2000	320	14																	250	5				
3000	330	13																	230	11			320	7
4000																							50	3
5000																								
6000																								
7000																								
8000																								

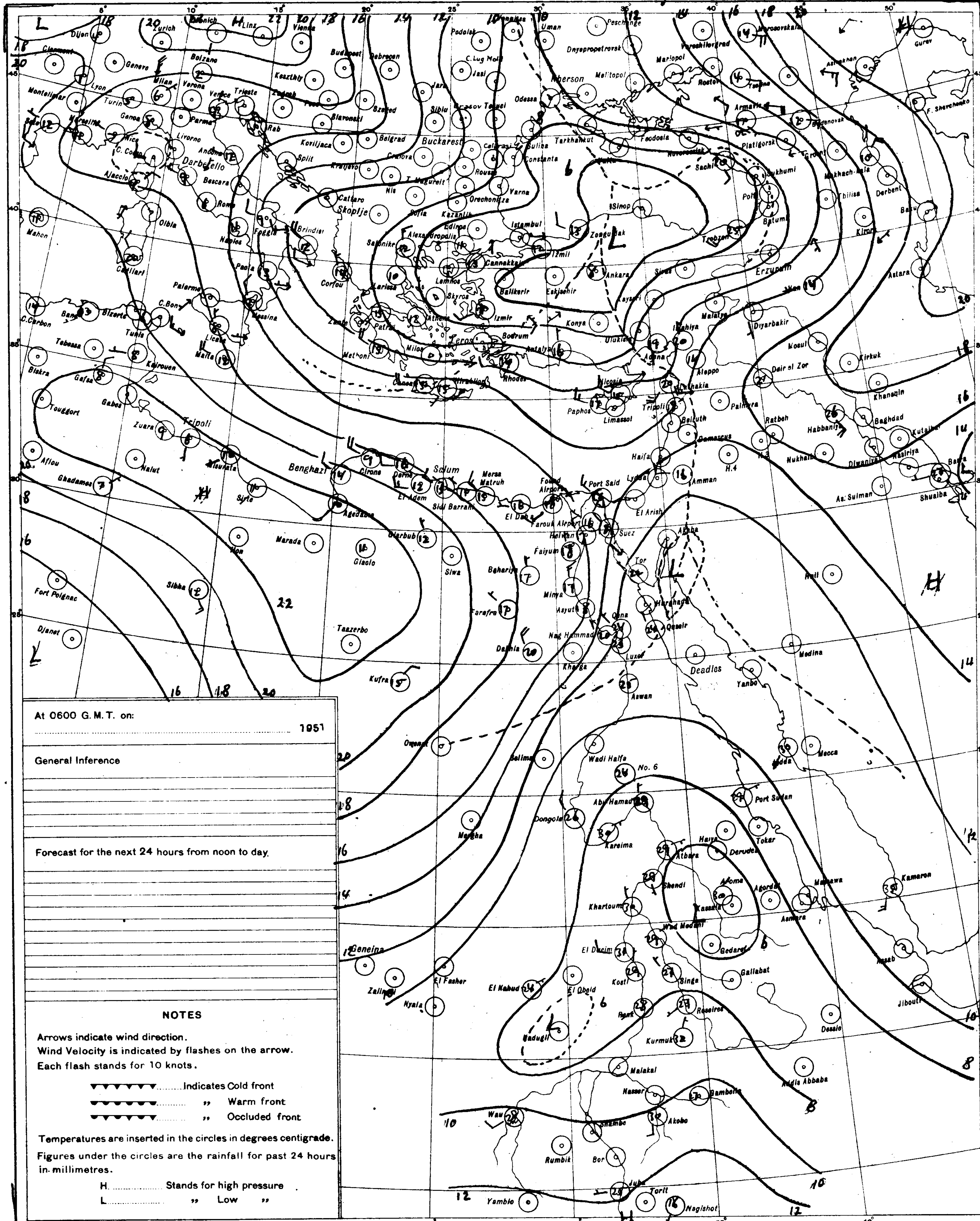
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 6/4/* 1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze *(vis less than 1000 m.)* 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 39 G.M.T.
" Sunset 16 17 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 7th April, 1951

Area	Index Number	Station	At 1200 on Friday 6th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
	61390	SALUM											
	303	SIDI BARANI	320	10	18	03	0	1	Cu	17.2	18	52	8
	308	MATRUH	360	19	15	02	0	0	—	17.0	19	56	10
	309	EL DABA	320	6	35	00	0	0	—	17.1	19	37	4
		ALEXANDRIA	310	13	50	02	2	4	Cu	17.4	19	64	12
	318	FOUAD (Airport)	280	9	18	02	1	3	Cu	17.4	20	46	8
	330	DAMIETTA	320	5	35	00	0	0	—	16.7	19	46	7
	333	PORT SAID	340	16	18	01	1	1	Sc	15.0	19	60	11
	346	EL 'ARISH	290	8	18	03	2	5	Sc, Ci	15.6	20	64	13
	303	DAMANHUR	310	9	15	02	1	3	Cu	17.4	21	41	7
	322	MANSURA	360	5	35	02	1	3	Cu	16.6	22	44	9
	336	TANTA	220	5	35	01	1	3	Cu, Sc	17.2	23	65	16
	337	ZAGAZIG	220	2	50	02	0	0	—	15.6	24	47	12
	341	ISMA'ILIA	360	5	35	02	1	5	Ac	16.0	24	38	9
		FAROUK (Airport)	320	8	30	00	0	0	—	16.1	22	50	11
		ALMAZA	340	12	30	00	0	0	—	15.7	23	44	10
		EZBEKIYA	310	8	18	00	0	0	—	15.5	23	38	8
		GIZA	310	8	18	00	0	0	—	15.8	23	38	8
		HELWAN	320	13	35	01	0	0	—	15.2	22	36	6
	371	FAIYUM	360	5	35	01	0	0	—	17.4	24	32	6
	381	MINYA	360	14	10	00	1	0	—	15.3	26	35	9
	392	ASYUT (Manqadad)	320	5	35	00	0	0	—	13.5	27	27	6
	404	NAG' HAMMADI	290	2	35	00	0	0	—	10.8	31	33	13
	411	QENA	240	3	50	00	0	0	—	8.7	36	13	4
	415	LUXOR	360	13	15	05	0	0	—	9.3	33	23	9
	434	ASWAN	00	0	50	00	0	0	—	8.5	39	11	3
	437	SIWA	270	9	12	00	0	0	—	19.6	23	61	15
	420	BAHARIYA	360	5	15	02	0	0	—	16.6	24	32	6
	423	FARAFRA	360	4	35	02	0	0	—	17.4	24	32	6
	432	DAKHLA	340	21	35	00	0	0	—	14.3	28	16	0
	435	KHARGA	360	22		05	3	0	—	12.6	29	14	-1
	450	SUEZ	360	8	50	02	0	2	Sc	14.3	24	26	3
	459	TOR	310	19	15	02	0	0	—	10.4	25	50	15
	462	HURGHADA	10	21	18	03	0	2	Cu, Ac	9.2	25	58	16
	465	QUSEIR	20	13	15	02	0	0	—	10.1	26	62	18
	641	PORT SUDAN											
	660	WADI HALFA											
	640	ABU HAMAD											
	650	KAREIMA	90	3	30	01	0	1	Cu, Ac		40		
	662	ATBARA	290	2	30	02	0	0	—				7
	721	KHARTUM	270	6	30	03	0	4	Ci	1.8	40	11	4
	730	KASSALA	270	6	30	02	0	1	Cu	999.8	41	12	6
	751	WAD MEDANI											
	761	RENK	230	5	35	02	1	7	Ci	5.0	39	13	6
	802	ROSEIRES											
	771	EL OBEID	350	1	30	02	2	7	Cs	2.3	38	9	0
	760	EL FASHER											
	770	GENEINA	70	4	30	02	0	4	Cs		36	4	-12
	840	MALAKAL	270	7	30	03	2	8	Cu, Cs	4.1	35	35	17
	850	WAU	240	9	30	03	1	1	Ci	2.6	38	19	11
	841	JUBA											

Station	At 1800 on Friday 6th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	330	11	14	03	0	1	Cu	16.6	16	72	11	0
MATRUH	360	7	30	00	0	0	—	17.2	16	59	8	0
EL DABA	320	3	7	00	0	0	—	17.6	15	68	9	0
ALEXANDRIA	330	10	35	00	0	0	—	17.2	16	68	10	0
FOUAD (Airport)												
DAMIETTA	320	2	7	03	0	1	Cu	17.2	17	68	11	0
PORT SAID	330	10	15	03	0	1	Cu	15.7	18	60	10	0
EL 'ARISH	320	5	15	01	1	3	Sc	16.3	18	60	10	0
DAMANHUR	310	5	7	02	1	1	Cu	17.9	15	77	11	0
MANSURA	360	5		00	1	0	—	17.1	17	68	11	0
TANTA	00	0	35	02	0	0	—	17.8	16	88	14	0
ZAGAZIG	220	1	35	02	0	0	—	17.0	16	68	10	0
ISMA'ILIA	20	19	35	01	0	0	—	16.8	18	52	8	0
FAROUK (Airport)												
ALMAZA	20	12	14	00	0	0	—	16.6	19	52	9	0
EZBEKIYA	360	10	12	00	0	0	—	17.0	18	52	8	0
GIZA	360	10	12	00	0	0	—	17.1	18	52	8	0
HELWAN	340	16	15	02	0	0	—	16.4	19	46	7	0
FAIYUM	00	0	35	02	0	0	—	16.6	19	46	7	0
MINYA	350	5	8	00	0	0	—	15.4	17	64	10	0
ASYUT (Manqadad)	350	8	8	00	0	0	—	14.8	20	43	7	0
NAG' HAMMADI	290	4	15	00	0	0	—	11.6	23	38	8	0
QENA	320	2	15	00	0	0	—	10.6	26	25	4	0
LUXOR												
ASWAN	350	6	50	00	0	0	—	9.1	30	22	6	0
SIWA												
BAHARIYA	360	4	15	02	0	0	—	16.8	19	37	4	0
FARAFRA	320	3	15	02	0	0	—	17.2	18	37	3	0
DAKHLA	340	11	35	00	0	0	—	16.3	23	38	8	0
KHARGA	360	6		00	0	0	—	12.2	24	21	0	0
SUEZ	360	8	35	01	0	0	—	15.8	18	60	10	0
TOR	310	5		02	0	0	—	10.7	23	50	12	0
HURGHADA	330	24	12	00	0	0	—	9.9	24	41	10	0
QUSEIR	330	13	15	02	0	0	—	9.5	24	69	18	0
PORT SUDAN	20	3	30	02	0	0	—	8.7	28	74	23	0
WADI HALFA												
ABU HAMAD	360	6	30	02	0	0	—		32	14	1	0
KAREIMA	260	16	30	02	0	0	—	4.4	35	13	3	0
ATBARA	360	9	30	01	1	1	Ac	2.6	34	20	8	0
KHARTUM	340	5	30	01	2	7	Cs	3.3	33	20	7	0
KASSALA	20	1	30	02	0	1	Ac	3.2	29	29	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	2	30	01	2	3	Ci	4.1	31	11	-2	0
EL FASHER												
GENEINA	340	2	30	01	1	5	Ac, Ci				-1	0
MALAKAL	230	3	30	01	8	7	Cs	5.2	30	84	27	0.2
WAU	270	2	30	01	1	3	Ci	2.7	33	34	15	0
JUBA												

Station	At 0600 on Saturday 7th April: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI	180	9	14	00	0	1	Cu	17.2		14	19				77	10	0	108	
MATRUH	270	9	14	02	0	1	Ci	17.4	+2.2	16	20		11		68	10	0	51	
EL DABA	250	4	15	00	0	0	—	16.3		16	20		9		59	8	0	54	
ALEXANDRIA	270	11	50	03	1	5	Cu	16.6	+1.9	17	20	-3	15	+1	68	11	0	62	181
FOUAD (Airport)	270	10	18	02	1	3	Cu	16.5		18			11		60	10	0	63	137
DAMIETTA	220	2	7	02	0	1	Sc	17.4	+2.8	17			14	+1	68	11	0	Rain	101
PORT SAID	280	7	14	03	2	1	Sc	16.8	+3.0	18	20		15		56	9	0	18	
EL 'ARISH	40	2	35	01	1	2	Cu	17.0	+2.7	17	23	0	12	0			0	Rain	86
DAMANHUR	310	5		02	0	0	—	18.0	+3.2	16	23	-3	10	-2	68	10	0	35	94
MANSURA	320	5	35	00	0	0	—	17.1	+2.1	17	25	-1	10	-1	68	11	0	31	48
TANTA	00	0	35	02	0	0	—	17.4	+2.4	16	24	-3	8	-2	77	12	0	23	36
ZAGAZIG	220	1	35	02	0	0	—	16.0	+1.0	16	26	-1	9	-2	77	12	0	Rain	25
ISMA'ILIA	270	2	35	03	1	2	Cu	17.4		18	25		12		60	10	0	17	
FAROUK (Airport)	40	4	13	00	0	0	—	17.6		15			10		77	11	0	Rain	
ALMAZA	40	2	15	00	0	0	—	17.2	+2.2	15	26		11		77	11	0	12	
EZBEKIYA	00	0	12	00	0	0	—	17.5	+2.5	16	24	-3	12	-1	72	11	0	11	23
GIZA	00	0	12	00	0	0	—	17.5	+2.2	16	24	-3	8	-2	68	10	0	11	22
HELWAN	20	8	15	00	0	0	—	17.2	+2.4	16	23	-4	13	0	59	8	0	12	25
FAIYUM	00	0	35	02	0	0	—	18.3	+3.2	16	25	-3	11	-1	68	10	0	8	8
MINYA	360	5	8	00	0	0	—	17.6	+2.9	15	27		10		72	10	0	3	
ASYUT (Manqadad)	360	3	12	00	0	0	—	17.0	+2.6	17	27		11		64	10	0	dr.	
NAG' HAMMADI	290	3	15	00	0	0	—	14.8	+1.1	18	32	+2	13	+1	60	10	0	0.1	
QENA	320	2	15	00	0	0	—	12.4	-1.0	21	37	+3	16	+1	50	10	0	0	
LUXOR	270	6	30	00	0	0	—	12.9	-0.6	21			14		41	7	0	0	
ASWAN											39	+5							
SIWA																			8
BAHARIYA	00	0	35	02	0	0	—	18.0	+2.3	18	25	-4	9	-2	46	6	0	0	7
FARAFRA	00	0	35	02	0	0	—	18.3		19	25		10		37	4	0	dr.	
DAKHLA	160	6	50	00	0	0	—	17.1	+2.6	19	28	-4	13	0	35	3	0	0	
KHARGA	360	11	7	00	0	0	—	16.0	+1.9	18	30	-2	16	+2	46	6	0	0	
SUEZ	360	3	50	00	0	0	—	16.6	+1.7	17	25	-2	11	-3	52	7	0	5	15
TOR	360	5	35	02	0	0	—	12.7	-0.2	21	26	-1	18	+3	41	7	0	4	13
HURGHADA	340	28	30	00	0	0	—	12.2	-0.7	20	25		18		60	12	0	dr.	
QUSEIR	360	19	15	02	0	0	—	12.4	-0.4	22	26	-1	21	+2	50	11	0	dr.	4
PORT SUDAN	80	2	30	01	1	2	Cu	10.0		27	32		17		74	22	0	152	95
WADI HALFA	360	9	30	02	0	0	—	12.9		21	39		17		26	1	0	dr.	
ABU HAMAD	360	12	10	02	0	0	—			31	41		25		18	4	0		
KAREIMA	20	10	30	02	0	0	—	8.9		27	40		23		28	7	0	dr.	1
ATBARA	340	9	30	01	1	2	Ci	6.4		29	40		23		25	7	0	0.3	2
KHARTUM	330	10	30	02	0	2	Ci	7.3		30	41		25		22	6	0	dr.	4
KASSALA											42								9
WAD MEDANI	50	9	35	02	1	4	Cs	3.7		30	40		18		19	4	0	46	12
RENK																			50
ROSEIRES	270	5	35	02	0	0	—	7.1		26	40				45	13	0	0	41
EL OBEID	10	12	7	05	0	2	Ci	7.6		28	40		22		15	-1	0	7	17
EL FASHER	290	4	30	03	0	1	Ci			22	38		16		20	-2	0	6	6
GENEINA											39								4
MALAKAL											37								99
WAU	250	13	30	01	1	3	Ci	6.1		31	40				46	18	0	145	186
JUBA	300	13	30	07	6	8	Ci, Ac	9.0		25	37		23		58	16	dr.	214	210

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On 6th At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 6th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	131	13	67	20	11
950					
900					
850	1514	10	58	330	9
800					
700	3121	7		260	26
600					
500	5787	-13		250	50
400	7447	-25		250	73
300	9471	-40		260	78

RAWINSONDE — AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

HUMIDITY % Mean of day on 6th

Station	Mean	Diff. from normal
Alexandria	63	-3
Ezbekiya	59	+3
Giza	59	+1
Helwan	48	+5

GIZA GRASS MINIMUM TEMP. ON 7th 4.5 °C.

Remarks

UPPER WIND OBSERVATIONS on 6th

Station	Farouk		Matruh		Dakhla		Kharga		Asyut		El Arish		Minya		Port Said		S. Barrani		Hurghada		Farouk		Fouad		Minya	
Time	15		14		14		14		14		13 30		14		14		14		14 15		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	13	310	18	330	23	360	27	330	20	330	15	360	35	330	23	240	17	320	26	40	15	320	14	360	23
600	360	14	290	16	330	21	360	30	340	25	330	14	320	4	340	9	350	15	340	18	30	15	310	10	360	23
1000	360	11	280	18	350	16	10	30	350	24			330	14	270	17	320	23	340	13	340	14	300	11	350	19
1500	330	9	280	12					340	20					270	16			300	14	30	13			320	17
2000	280	12	280	17					260	11					200	8			260	8	30	10			320	6
3000	260	26							240	20									240	18						
4000									240	33																
5000	250	41							240	34																
6000	250	51																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time					2		4						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					300	11	280	16					20	20									
600					300	10	310	13					10	31									
1000					310	15	320	4					350	25									
1500							320	9					300	17									
2000													290	13									
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time							8		5		4		4						4 15		5		4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	22	10	15														
600							360	29	30	27	40	19	30	20									180	7
1000							10	31	20	31	50	18	30	23					20	36	360	9	130	7
1500									40	24	40	13	20	24					10	24	50		60	7
2000													350	17					340	12	90	7		
3000													310	13					80	7	270	1	240	2
4000																							40	4
5000																								
6000																								
7000																								
8000																								

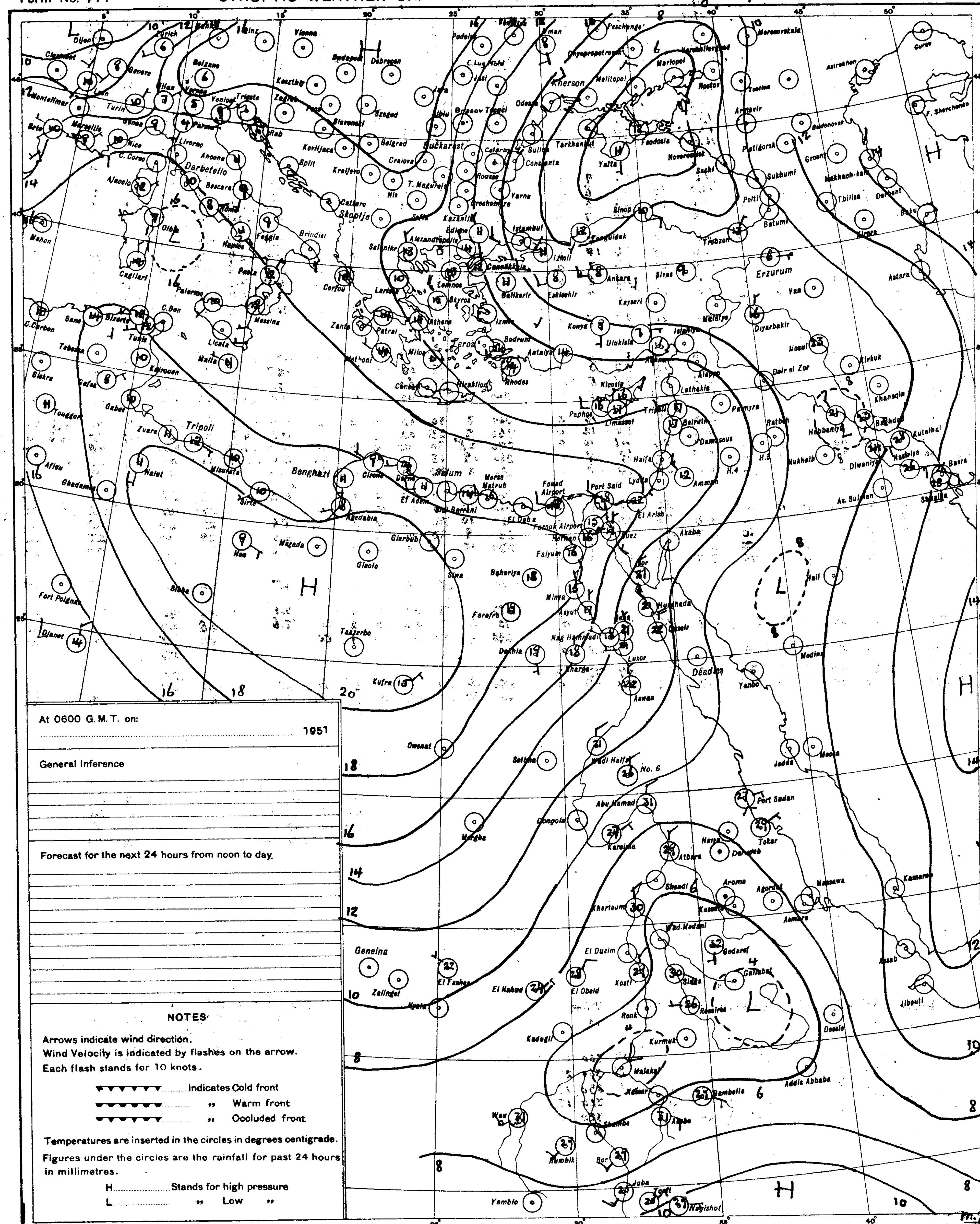
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 1/4/1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H........Stands for high pressure
L........ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	○
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (v/s less than 1000 m.)	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 37 G.M.T.

" Sunset 16 17 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 8th April, 1951

At 1200 on Saturday 7th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
62300	SALUM											
303	SIDI BARANI	340	10	14	02	0	2	Cu, Ci	17.6	17	72	12
330	MATRUH	30	15	14	01	0	2	Cu, Ci	17.4	20	60	12
339	EL DABA	320	6	35	00	0	0	—	17.1	19	52	9
	ALEXANDRIA	310	13	50	02	2	4	Cu	16.8	20	56	11
318	FOUAD (Airport)											
330	DAMIETTA	360	5	35	03	1	2	Cu, ac	16.7	20	56	11
333	PORT SAID	360	11	30	03	0	2	Sc, Cu	16.7	20	60	12
336	EL 'ARISH	360	5	30	02	1	1	Cu	17.1	20	56	11
339	DAMANHUR	310	13	15	02	1	4	Cu	17.4	21	57	12
342	MANSURA	320	5	35	03	2	5	Cu	16.7	24	39	9
348	TANTA	270	2	35	03	2	6	Cu, Sc	17.5	24	38	9
354	ZAGAZIG	220	2	50	03	1	4	Cu	15.9	24	54	14
440	ISMA'ILIA	290	5	35	03	1	4	Cu	15.9	24	32	6
[illegible]	FAROUK (Airport)	320	8	18	02	0	1	Cu	16.3	22	44	9
[illegible]	ALMAZA	60	9	30	02	0	1	Cu	15.9	22	47	10
	EZBEKIYA	360	12	18	02	1	2	Cu	16.0	23	38	8
	GIZA	360	12	18	02	1	2	Cu	16.0	24	32	6
518	HELWAN	360	9	15	02	0	0	—	15.9	22	36	6
231	FAIYUM	360	5	35	02	0	0	—	17.0	23	38	8
354	MINYA	10	16	10	00	0	0	—	15.0	26	28	6
[illegible]	ASYUT MANQAGAD	330	12	30	00	0	0	—	14.0	25	38	8
[illegible]	NAG' HAMMADI	320	3	35	00	0	0	—	12.7	29	23	6
[illegible]	QENA	270	2	50	00	0	0	—	10.6	34	10	-2
405	LUXOR	330	8	30	00	0	0	—	11.1	31	12	-1
414	ASWAN	310	5	50	00	0	0	—	9.5	33	13	1
417	SIWA	270	12	14	01	0	0	—	18.3	25	51	14
430	BAHARIYA	360	2	35	02	0	0	—	16.6	24	32	6
423	FARAFRA	360	4	35	02	0	0	—	16.6	25	22	2
432	DAKHLA	340	11	50	00	0	0	—	15.0	27	15	-2
435	KHARGA	360	6	15	00	0	0	—	12.4	27	15	-2
450	SUEZ	360	4	50	02	0	0	—	15.0	22	36	6
459	TOR	310	13	35	02	0	0	—	11.2	22	57	13
462	HURGHADA	340	22	30	00	0	0	—	11.2	23	50	12
465	QUSEIR	20	13	35	02	0	0	—	11.9	25	54	15
641	PORT SUDAN											
600	WADI HALFA	340	15	30	02	0	0	—	9.2	34	9	0
640	ABU HAMAD	340	6	30	03	0	2	Cu		39	15	8
660	KAREIMA	70	3	30	02	0	1	Cu, ac	4.4	39	14	7
686	'ATBARA											
721	KHARTUM	330	8	30	02	0	1	Ci	2.2	40	10	3
750	KASSALA	360	3	30	02	0	1	Cu	999.5	43	12	7
751	WAD MEDANI	50	9	35	02	1	3	Cc	0.7	37	11	2
801	RENK											
802	ROSEIRES	90	5	35	02	0	2	Ci	3.1	41	9	2
771	EL OBEID	10	6	30	01	1	2	Ci	2.2	38	9	0
760	EL FASHER											
770	GENEINA	80	4	30	02	2	7	ac, ac		35	10	-1
840	MALAKAL											
860	WAU	200	9	30	17	1	7	Cu	2.9	37	59	28
941	JUBA											

At 1800 on Saturday 7th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALUM												
303	SIDI BARANI	30	9	13	01	0	0	—	16.6	16	68	11	0
330	MATRUH	40	5	10	00	0	0	—	17.4	16	68	10	0
339	EL DABA	360	5	7	00	0	0	—	17.0	16	68	10	0
	ALEXANDRIA	360	8	35	00	0	0	—	17.0	17	60	9	0
318	FOUAD (Airport)	320	8	12	02	0	0	—	17.0	16	72	11	0
330	DAMIETTA	320	5	7	00	0	0	—	17.0	17	68	11	0
333	PORT SAID	340	13	18	02	0	1	Sc	16.5	18	73	13	0
336	EL 'ARISH												
339	DAMANHUR	310	9	15	02	0	0	—	17.6	15	77	11	0
342	MANSURA	20	5		00	1	0	—	17.5	17	68	11	0
348	TANTA	00	0	35	02	1	0	—	17.5	17	68	11	0
354	ZAGAZIG	320	1	35	02	0	0	—	17.0	18	73	13	0
440	ISMA'ILIA	40	5	35	01	0	2	Cu	16.6	18	60	10	0
[illegible]	FAROUK (Airport)	20	12	12	02	0	0	—	16.8	19	52	9	0
[illegible]	ALMAZA	40	13	12	00	0	0	—	16.0	20	56	11	0
	EZBEKIYA	360	6	12	00	0	0	—	16.6	19	56	10	0
	GIZA	360	6	12	00	0	0	—	16.7	19	52	9	0
518	HELWAN												
231	FAIYUM	00	0	35	02	0	0	—	17.0	19	52	9	0
354	MINYA	10	7	8	00	0	0	—	15.1	18	52	8	0
[illegible]	ASYUT MANQAGAD	320	3	8	00	0	0	—	14.8	19	46	7	0
[illegible]	NAG' HAMMADI	270	2	15	00	0	0	—	12.7	22	36	6	0
[illegible]	QENA	360	2	7	00	0	0	—	13.4	24	21	0	0
405	LUXOR	270	3	12	00	0	0	—	11.9	24	26	3	0
414	ASWAN												
417	SIWA												
430	BAHARIYA												
423	FARAFRA	360	2	15	02	0	0	—	16.0	20	24	-1	0
432	DAKHLA	340	11	50	00	0	0	—	15.9	22	16	-5	0
435	KHARGA	360	1	15	00	0	0	—	15.2	23	24	1	0
450	SUEZ	360	7	35	02	0	0	—	15.4	19	52	9	0
459	TOR	310	2		02	0	0	—				10	0
462	HURGHADA	320	23	12	00	0	0	—	10.9	23	47	11	0
465	QUSEIR	20	9	15	02	0	0	—	10.7	23	61	15	0
641	PORT SUDAN	350	9	30	02	0	0	—	9.7	27	83	24	0
600	WADI HALFA	340	14	30	02	0	0	—	10.2	28	14	-2	0
640	ABU HAMAD	280	8	30	02	0	0	—		33	13	1	0
660	KAREIMA	360	13	30	02	0	0	—	5.7				0
686	'ATBARA	20	5	30	02	0	0	—	3.9	33			0
721	KHARTUM	350	4	30	02	0	0	—	3.1	34	14	3	0
750	KASSALA	10	2	30	02	0	0	—	2.8	35			0
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER												
770	GENEINA												
840	MALAKAL	6	30	01	2	4	Ci					11	0
860	WAU	230	5	30	13	2	8	—	7.1	32			0
941	JUBA												

At 0600 on Sunday 8th April,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
62300	SALUM																			
303	SIDI BARANI	270	5	14	00	0	0	—	18.5		14	19		10		88	12	0	108	
330	MATRUH	270	3	13	02	1	1	Ci	17.5	+2.4	16	20		8		68	10	0	51	
339	EL DABA	00	0	14	00	0	0	—	16.8		16	20		9		68	10	0	54	
	ALEXANDRIA	40	3	50	01	1	4	Cu	17.2	+2.5	19	21	-2	14	0	64	12	0	62	181
318	FOUAD (Airport)	160	2	18	01	0	2	Sc	17.2		18	21		11		78	14	0	63	137
330	DAMIETTA	200	2	7	03	0	1	Cu	17.4	+2.8	17	21	-1	11	-2	77	13	0	Rain	101
333	PORT SAID	40	3	14	02	0	3	Sc	17.1	+3.4	19	20		16	+1	64	12	0	18	
336	EL 'ARISH																			86
339	DAMANHUR	310	5		02	1	2	Cu	18.0	+3.3	16	22	-4	11	-1	77	12	0	35	95
342	MANSURA	320	5	35	00	0	0	—	17.4	+2.4	17	25	-1	11	-1	77	13	0	31	49
348	TANTA	00	0	35	02	0	0	—	18.4	+3.4	13	25	-2	8	-3	88	11	0	23	36
354	ZAGAZIG	00	0	35	02	0	0	—	17.5	+2.5	16	26	-1	10	-1	77	12	0	Rain	25
440	ISMA'ILIA	140	2	35	01	0	0	—	17.5		19	25		14		64	12	0	17	
[illegible]	FAROUK (Airport)	70	9	12	00	0	0	—	17.3		17	24		12		64	10	0	Rain	
[illegible]	ALMAZA	70	7	15	00	0	0	—	17.1	+2.1	17	25		13		68	11	0	12	
	EZBEKIYA	00	0	12	00	0	0	—	17.2	+2.2	18	24	-3	13	0	64	11	0	11	23
	GIZA	00	0	12	00	0	0	—	17.4	+2.2	17	24	-3	9	-1	68	11	0	11	22
518	HELWAN																			25
231	FAIYUM	360	2	35	02	0	0	—	18.4	+3.3	17	25	-4	11	-1	68	11	0	8	8
354	MINYA	350	5	8	00	0	0	—	17.6	+3.0	17	26		11		72	12	0	3	
[illegible]	ASYUT MANQAGAD	290	4	8	10	0	0	—	16.3	+1.9	17	26		12		64	10	0	dr.	
[illegible]	NAG' HAMMADI	270	1	15	00	0	0	—	15.8	+2.2	17	30	0	11	-1	56	8	0	0.1	
[illegible]	QENA	220	2	15	00	0	0	—	14.8	+1.5	19	35	+1	14	-1	46	7	0	0	
405	LUXOR	00	0	30	00	0	0	—	14.9	+1.5	21	33		12		38	6	0	0	
414	ASWAN	330	5	50	00	0	0	—	14.2	+1.3	22			17	-1	36	6	0	0	
417	SIWA																			8
430	BAHARIYA																			7
423	FARAFRA	00	0	35	02	0	0	—	18.3		15	26		8		39	1	0	dr.	
432	DAKHLA	340	5	50	00	0	0	—	17.5	+3.1	17	27	-5	11	-2	34	1	0	0	
435	KHARGA	00	0	15	00	0	0	—	16.0	+2.0	19	28	-4			37	4	0	0	
450	SUEZ	360	4	50	00	0	0	—	16.4	+1.5	18	25	-2	12	-2	56	9	0	5	15
459	TOR	40	2	35	02	0	0	—	13.8	+1.0	20	24	-3	12	-4	41	6	0	4	13
462	HURGHADA	320	22	30	00	0	0	—	14.1	+1.3	20	24		15		69	14	0	dr.	
465	QUSEIR	330	13	15	02	0	0	—	13.8	+1.1	22	25	-2	18	-1	50	11	0	dr.	4
641	PORT SUDAN	340	12	30	01	1	0	—	12.0		27	32		23		74	22	0	152	95
600	WADI HALFA	360	12	30	02	0	0	—	14.1		20	34		15		26	0	0	dr.	
640	ABU HAMAD	290	5	30	02	0	0	—			28	40		24		19	2	0		
660	KAREIMA	20	13	30	02	0	0	—	9.9		27	40		23		13	-4	0	dr.	1
686	'ATBARA											40								2
721	KHARTUM	360	13	30	01	0	1	Cu	7.3		30	41		25		13	-1	0	dr.	4
750	KASSALA											43								9
751	WAD MEDANI																			12
801	RENK																			50
802	ROSEIRES																			42
771	EL OBEID	10	12	30	02	0	1	Cc	8.3		27	39		22		15	-2	0	7	17
760	EL FASHER																			6
770	GENEINA	50	9	10	03	1	5	Ci			25	37		21		10	-9	0		4
840	MALAKAL	130	1	10	06	2	8	Cs	7.8		27	41		23		48	15	0	70	100
860	WAU	270	6	30	03	1	6	Ci	7.7		25	38		23		70	19	dr.	145	188
941	JUBA	180	9	30	02	0	1	Cc	7.5		27	36		23		62	19	0	214	213

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	on 7th	Diff. from normal
Alexandria	64	-2
Ezbekiya	59	+3
Giza	61	+3
Helwan		

GIZA GRASS MINIMUM TEMP. ON 8th 5.8 °C.

Remarks

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT On 7th At 15½					
1000	131	23	44	340	10
950					
900					
850	1514	10	71	330	12
800					
700	3108	3		270	17
600					
500	5746			260	49
400	7406	-25		270	60
300	9425	-41		260	79
..... AIRPORT On ... At ...					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT On ... At ...					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 7th

Height m.	Farouk Dir.	Farouk Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	15		15		14		14		14		14		14		13 30		14		20		20	
300	350	12	300	26	60	16	340	28	360	22	350	13	320	15	320	9	320	23	20	21	330	10
600	10	11	300	23	60	14	340	28	360	28	340	14	310	14	320	9	330	22	10	27	340	10
1000	360	12	40	6	90	6	330	19	10	29	310	15	280	12	270	8	340	21	10	40	320	7
1500	330	12	330	15	80	9	210	17			280	21	330	17	270	16	350	23			270	14
2000	320	8	310	21							290	15	280	16	280	17	290	14			290	12
3000	270	17	270	29							280	19			240	30	270	16			260	14
4000																	240	16				
5000	260	35															260	27				
6000	260																260					
7000																						
8000																						

UPPER WIND OBSERVATIONS on 8th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqagad Dir.	Asyut Manqagad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time							2						2											
300							40	5					30	20										
600							20	3					10	20										
1000							10	2					360	17										
1500							320	9					340	17										
2000							320	17					330	20										
3000							260	25																
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									4				4						4 30				4	
300									20	13														
600									50	15			40	23									220	11
1000									30	16			50	29					20	36			210	19
1500									360	7			50	23					20	23			310	16
2000																			10	5			360	11
3000									310	10			360	12					20	7			30	11
4000																			170	5				
5000																			230	4				
6000																			20	3				
7000																			310	7				
8000																								

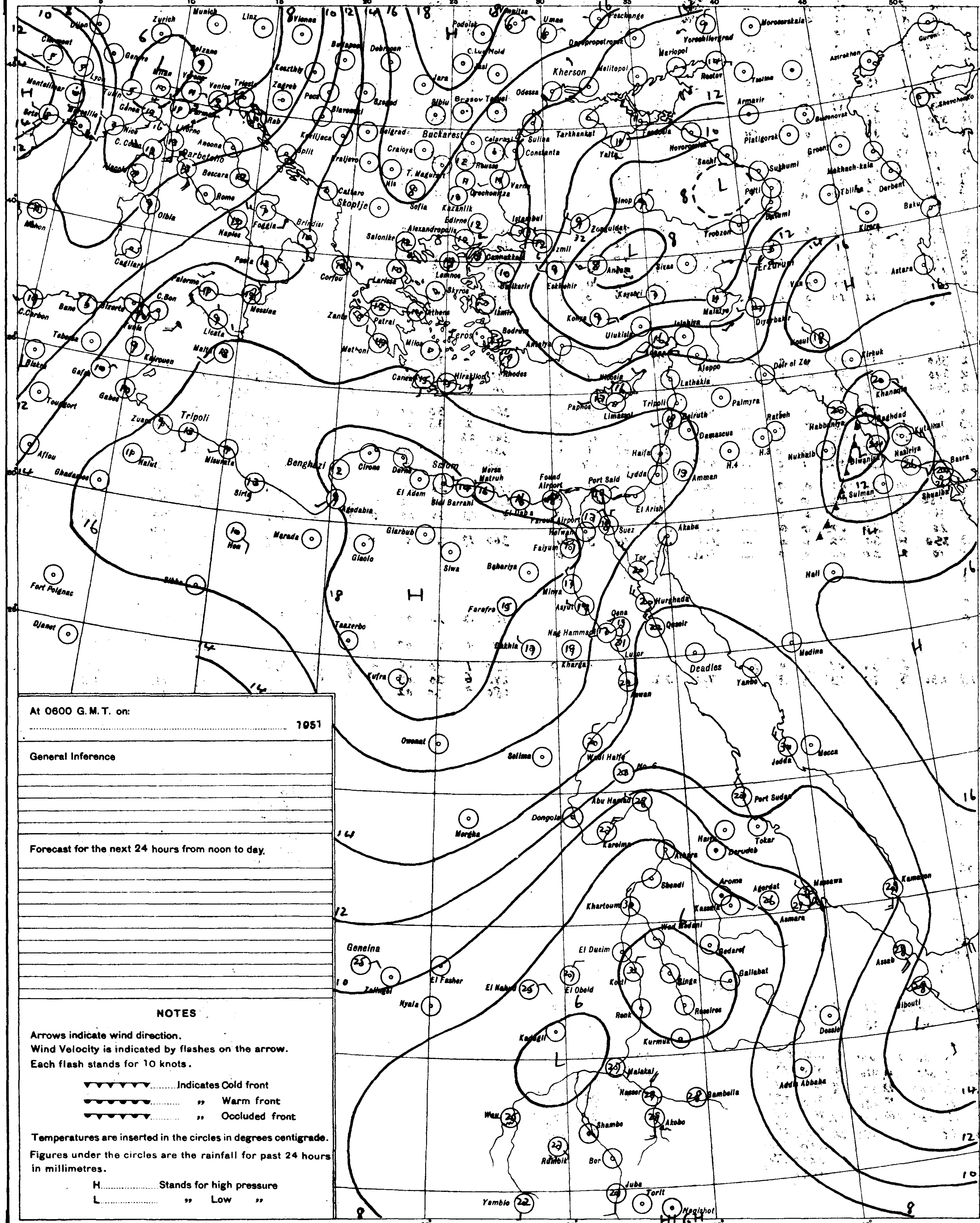
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 8-4-51 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H................Stands for high pressure
L................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 36 G.M.T.
" " Sunset 16 18 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 9th April, 1951

At 1200 on Sunday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SIDI BARANI	360	15	15	02	0	1	Cu	17.4	18		
	306	MATRUH	50	10	14	01	1	0	—	17.4	19	56	10
	309	EL DABA	40	6	35	00	0	0	—	17.0	21	57	12
		ALEXANDRIA	270	11	50	01	2	3	Cu	18.3	20	56	11
	318	FOUAD (Airport)	290	13	18	02	0	2	SC	18.0	20	60	12
	330	DAMIETTA	360	5	35	02	0	1	Cu	17.5	19	64	12
	333	PORT SA'ID	350	9	30	01	1	1	SC		21	61	13
	336	EL 'ARISH	320	5	35	01	0	0	—	17.6	20	73	15
Lower Egypt	339	DAMANHUR	360	9	15	02	1	3	Cu	18.0	23	38	8
	342	MANSURA	270	5	35	03	1	3	Cu	17.0	24	47	12
	348	TANTA											
	354	ZAGAZIG	220	2	50	03	1	3	Cu	17.1	25	47	13
	440	ISMA'ILIA	20	2	35	03	1	4		16.2	25	34	8
Cairo Area	366	FAROUK (Airport)	290	7	30	01	1	2	Cu	16.7	23	34	6
	372	ALMAZA	340	13	15	02	0	1	Cu	15.8	23	44	10
		EZBEKIYA	310	10	18	00	0	0	—	16.3	24	36	8
		GIZA	310	10	18	00	0	0	—	16.2	25	34	8
	378	HELWAN	290	11	15	02	0	0	—	15.5	23	32	5
Upper Egypt	381	FAIYUM											
	387	MINYA	360	12	12	00	0	0	—	16.1	27	27	6
	393	ASYUT MANQABAD	330	12	30	00	0	0	—	14.6	27	30	8
	399	NAG' HAMMADI	290	1	35	00	0	0	—	13.4	29	23	6
	402	QENA	290	2	50	00	0	0	—	11.8	32	15	2
	405	LUXOR	10	12	30	00	0	0	—	11.9	31	15	1
	414	ASWAN	20	5	50	00	0	0	—	11.2	32	10	-3
Oases	417	SIWA	270	13	12	00	0	0	—	18.2	26	17	-1
	420	BAHARIYA	360	4	35	02	0	0	—	16.0	27	27	6
	423	FARAFRA	320	3	35	02	0	0	—	16.7	27	20	2
	432	DAKHLA	340	11	50	00	0	0	—	16.2	27	15	-2
	435	KHARGA	20	4	15	00	0	0	—	14.8	28	16	0
Red Sea	450	SUEZ	310	4	50	02	0	0	—	15.1	24	26	3
	459	TOR											
	462	HURGHADA	360	18	30	03	0	1	Cu	11.3	23	61	15
	465	QUSEIR	360	14	15	02	0	0	—	11.8	23	65	16
	641	PORT SUDAN	20	17	30	02	0	0	—	8.6	30	66	23
North Sudan	600	WADI HALFA	340	15	50	02	0	0	—	11.0	32	7	-8
	640	ABU HAMAD	340	3	30	02	0	1	Cu		38	17	9
	660	KAREIMA	50	13	30	02	0	2	Ci	5.6	39	10	2
	680	'ATBARA	340	13	10	07	0	1	Cu	3.0	40	12	6
	721	KHARTUM	310	10	30	08	0	1	Ci	3.1	40	12	5
	730	KASSALA	360	5	30	03	1	4	Cu, Ci	0.3	43	13	9
Central Sudan	751	WAD MEDANI	310	9	35	01	1	3	Cc	0.7	41	13	7
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	20	10	15	03	1	6	Ci		36	10	0
	770	GENEINA	20	6	10	03	1	3	Cu, Cb		36	8	-3
S. Sudan	840	MALAKAL	290	3	30	03	2	8	Cu, Cs	3.1	37	22	12
	880	WAU	160	2	30	03	1	5	Cu, Cs	2.5	38	21	12
	941	JUBA	230	5	30	03	1	6	Cu, Cs	2.6	37	25	14

At 1800 on Sunday 8th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALUM												
303	SIDI BARANI	10	5	13	00	0	0	—	18.0	16	77	12	0
306	MATRUH	26	4	10	03	0	4	Sc, Cu	18.4	16	72	11	0
309	EL DABA												
	ALEXANDRIA	40	18	35	00	0	0	—	17.9	18	64	11	0
318	FOUAD (Airport)	20	6	12	02	0	0	—	17.9	16	77	12	0
330	DAMIETTA	320	2	7	00	0	0	—	18.7	17	68	11	0
333	PORT SA'ID	350	15	14	01	0	0	—	17.8	18	73	13	0
336	EL 'ARISH												
339	DAMANHUR	360	9	7	02	0	0	—	18.6	15	77	11	0
342	MANSURA	360	5	15	00	1	0	—	17.5	17	68	11	0
348	TANTA	00	0	35	02	0	0	—	18.3	17	77	13	0
354	ZAGAZIG	320	2	35	02	1	0	—	18.6	17	68	11	0
440	ISMA'ILIA	20	9	35	01	0	0	—	17.6	18	60	10	0
366	FAROUK (Airport)	40	16	12	00	1	0	—	17.7	18	52	8	0
372	ALMAZA												
	EZBEKIYA	360	16	12	00	0	0	—	17.8	19	56	10	0
	GIZA	360	16	12	00	0	0	—	17.6	19	52	9	0
378	HELWAN	360	18	7	02	0	0	—	17.2	19	46	7	0
381	FAIYUM	00	0	35	02	0	0	—	17.6	20	41	6	0
387	MINYA	10	8	10	00	0	0	—	16.1	19	49	8	0
393	ASYUT MANQABAD	00	0	10	00	0	0	—	15.8	20	46	8	0
399	NAG' HAMMADI	320	2	15	00	0	0	—	13.9	23	38	8	0
402	QENA	270	2	7	00	0	0	—	13.5	26	18	0	0
405	LUXOR	320	6	12	00	0	0	—	12.9	25	26	4	0
414	ASWAN	350	6	50	00	0	0	—	13.1	27	15	-2	0
417	SIWA	00	0	10	00	0	0	—	17.6	23	34	6	0
420	BAHARIYA	360	4	15	02	0	0	—	17.1	21	33	4	0
423	FARAFRA	360	2	15	02	0	0	—	17.6	21	26	1	0
432	DAKHLA	340	8	35	00	0	0	—	16.7	22	9	-12	0
435	KHARGA	00	0	15	00	0	0	—	15.0	25	22	2	0
450	SUEZ	360	8	35	02	0	0	—	17.1	19	73	14	0
459	TOR												
462	HURGHADA	310	16	12	00	0	0	—	11.6				0
465	QUSEIR	330	9	15	02	0	0	—	11.7	22	65	15	0
641	PORT SUDAN	20	2	30	03	0	1	Cu, ac	10.5	27	84	24	0
600	WADI HALFA	330	16	30	02	0	0	—	12.4	27	13	-4	0
640	ABU HAMAD	270	12	10	02	0	0	—		32	10	-3	0
660	KAREIMA	330	20	7	08	0	0	—	9.1	32	7	-8	0
680	'ATBARA	360	5	30	02	0	0	—	5.5	33	20	7	0
721	KHARTUM	330	9	30	02	0	1	Ci	4.3	35	18	7	0
730	KASSALA	20	3	30	02	0	0	—	3.4	31	26	9	0
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	350	4	30	02	0	0	—	5.0	31	15	1	0
760	EL FASHER	40	8	30	02	2	5	Ci		30	12	-2	0
770	GENEINA	20	10	30	02	0	1	Ci		32	7	-8	0
840	MALAKAL												
880	WAU	00	0	30	02	0	1	Ci	2.5	33	32	14	0
941	JUBA	20	2	30	13	2	7	Cb	3.3	31	49	19	0

At 0600 on Monday 9th April,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM																			
303	SIDI BARANI	250	5	14	00	0	2	Cu	20.1		14	19		10		77	10	0	108	
306	MATRUH	300	6	30	02	1	2	Sc, Cu	20.3	+5.2	16	20		11		72	11	0	51	
309	EL DABA																			
	ALEXANDRIA	240	7	50	03	1	1	Cu	20.2	+5.6	19	21	-2	15	0	64	12	0		181
318	FOUAD (Airport)	290	7	18	03	1	5	Cu, Sc	20.3		19	23		11		73	14	0	63	137
330	DAMIETTA	320	2	7	03	0	1	Cu	19.5	+4.9	17	21	-1	11	-2	77	13	0	Rain	101
333	PORT SA'ID	270	6	12	01	1	1	Sc	18.1	+4.4	18	21		15		73	13	0	18	
336	EL 'ARISH	290	5	18	02	1	3	St	17.5	+3.3	20			12	0	60	12	0	Rain	87
339	DAMANHUR	230	9	7	02	0	0	—	20.2	+5.5	17	27	+1	12	0	68	11	0	35	95
342	MANSURA	270	5	35	00	0	0	—	18.8	+3.9	17	26	0	11	-1	68	11	0	31	49
348	TANTA	00	0	35	02	0	0	—	19.5	+4.6	16	25	-2	9	-2	77	12	0	23	36
354	ZAGAZIG	320	1	35	02	0	0	—	19.9	+5.0	17	27	0	10	-1	68	11	0	Rain	25
440	ISMA'ILIA	360	2	35	01	1	2	Cu	20.0		18	26		13		60	10	0	17	
366	FAROUK (Airport)	320	7	18	00	0	0	—	20.3		14	24		11		77	10	0	Rain	
372	ALMAZA	30	4	13	00	0	0	—	20.2	+5.3	15			11		77	11	0	12	
	EZBEKIYA	360	4	12	00	0	0	—	20.3	+5.4	16	25	-3	13	0	72	11	0	11	23
	GIZA	360	4	12	00	0	0	—	20.0	+4.9	16	25	-2	9	-1	68	10	0	11	22
378	HELWAN	360	3	7	00	0	0	—	19.9	+5.2	15	24	-4	12	-1	68	9	0	12	25
381	FAIYUM	00	0	35	02	0	0	—	20.7	+5.7	17	26	-3			60	9	0	8	8
387	MINYA	340	2	8	00	0	0	—	19.9	+5.4	16	28		9		68	10	0	3	
393	ASYUT MANQABAD	330	4	12	00	0	0	—	19.2	+4.9	18	27		13		60	10	0	dr.	
399	NAG' HAMMADI	00	0	15	00	0	0	—	18.4	+4.9	21	30	-1	12	0	50	10	0	0.1	
402	QENA	320	2	15	00	0	0	—	16.6	+3.3	21	34	0	16	+1	41	7	0	0	
405	LUXOR	160	4	12	00	0	0	—	16.4	+3.1	21	33		13		33	4	0	0	
414	ASWAN	350	5	50	00	0	0	—	17.6	+4.7	21	33	-1	17	-1	33	4	0	0	
417	SIWA	00	0	13	00	0	0	—	21.1	+5.2	18	28	0	9	-2	60	10	0	dr.	8
420	BAHARIYA	00	0	35	02	0	0	—	20.0	+4.4	19	28	-1	11	-1	52	9	0	0	7
423	FARAFRA	220	1	35	02	0	0	—	20.3		17	28		8		42	4	0	dr.	
432	DAKHLA	340	8	50	00	0	0	—	19.6	+5.2	19	28	-4	13	0	23	-3	0	0	
435	KHARGA	00	0	15	00	0	0	—	18.7	+4.8	22	29	-3	14	-1	36	6	0	0	
450	SUEZ	360	5	35	00	0	0	—	19.0	+4.2	18	27	0	11	-3	60	10	0	5	15
459	TOR																			13
462	HURGHADA											24								
465	QUSEIR	360	19	15	02	0	0	—	14.6	+2.0	22	24	-3	20	+1	50	11	0	dr.	4
641	PORT SUDAN	340	7	10	03	0	1	Cu	12.9		27	31		23		74	22	0	152	95
600	WADI HALFA	10	7	50	02	0	0	—	7.3		21	34		16		28	2	0	dr.	
640	ABU HAMAD	290	31	03	32	0	0	—			26	39		22		15	-3	0		
660	KAREIMA	20	21	4	07	0	0	—	12.8		25	39		21		13	-6	0	dr.	1
680	'ATBARA	340	13	4	07	0	0	—	9.9		28	40		26		10	-7	0	0.3	2
721	KHARTUM	360	17	10	07	0	0	—	9.4		28	41				13	-3	0	dr.	4
730	KASSALA											43								9
751	WAD MEDANI	50	13	15	02	0	0	—	7.9		30	43		25		9	-6	0	46	12
801	RENK																			50
802	ROSEIRES																			42
771	EL OBEID											40								17
760	EL FASHER	360	5	30	01	0	1	Ci			22	38				25	1	0	6	6
770	GENEINA											39								4
840	MALAKAL	160	6	30	01	2	7	Ac, Ci	8.3		31	40		24		31	12	0	70	101
880	WAU	270	11	30	02	2	8	Cs	8.1		29	40		26		55	19	0	145	190
941	JUBA											37								216

HUMIDITY %

STATION	Mean of day on 8th	Diff. from normal
Alexandria	67	+1
Ezbekiya	56	0
Giza	59	+1
Helwan	52	+10

GIZA GRASS MINIMUM TEMP. ON 9th 6.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 8th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	139	22	38	340	14
950					
900					
850	1516	7	76	340	9
800					
700	3093	1		230	17
600					
500	5681	-21		240	34
400	7288	-33		260	62
300	9275	-41		250	78

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 8th

Station	Farouk		Minya		Dakhla		Asyut		Matruh		Fouad		Siwa		Port Said		Hurghada						Minya		Port Said	
Time	15		14		14		14		14		14		14		14		14						20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	12	340	14	340	10	350	16	20	16	330	15	310	23	360	12	350	20					30	20	320	3
600	330	12	340	19	340	12	340	20	10	10	330	16	310	23	330	13	340	19					20	20	320	3
1000	340	13	340	27	340	4	320	25	320	6	290	5	290	10	290	12	300	17					20	19	320	3
1500	340	9	330	13	320	12	340	28	240	17	300	14	310	10	260	13	270	13					350	22	340	3
2000	290	10					330	12	240	17	300	21	310	38	280	15	270	20					290	19	360	1
3000	230	17					280	20	280	31	290	18	300	37	230	16	270	20								
4000									270	37			310	49	230	19										
5000	240	30													230	23										
6000	240	43																								
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time							2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							330	9					10	6									
600							330	9					20	12									
1000							330	7					330	20									
1500							350	7															
2000							330	5															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									4				4				3		4 30		3			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									30	15													
600									30	30			360	24			50	9					
1000									20	31			10	35			60	13	20	34	20	17	
1500									10	25			20	25			20	17	30	25	50	27	
2000																					50	17	
3000									290	14			30	9			330	11	160	3	180	1	
4000																	280	7			310	6	
5000																							
6000																							
7000																							
8000																							

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

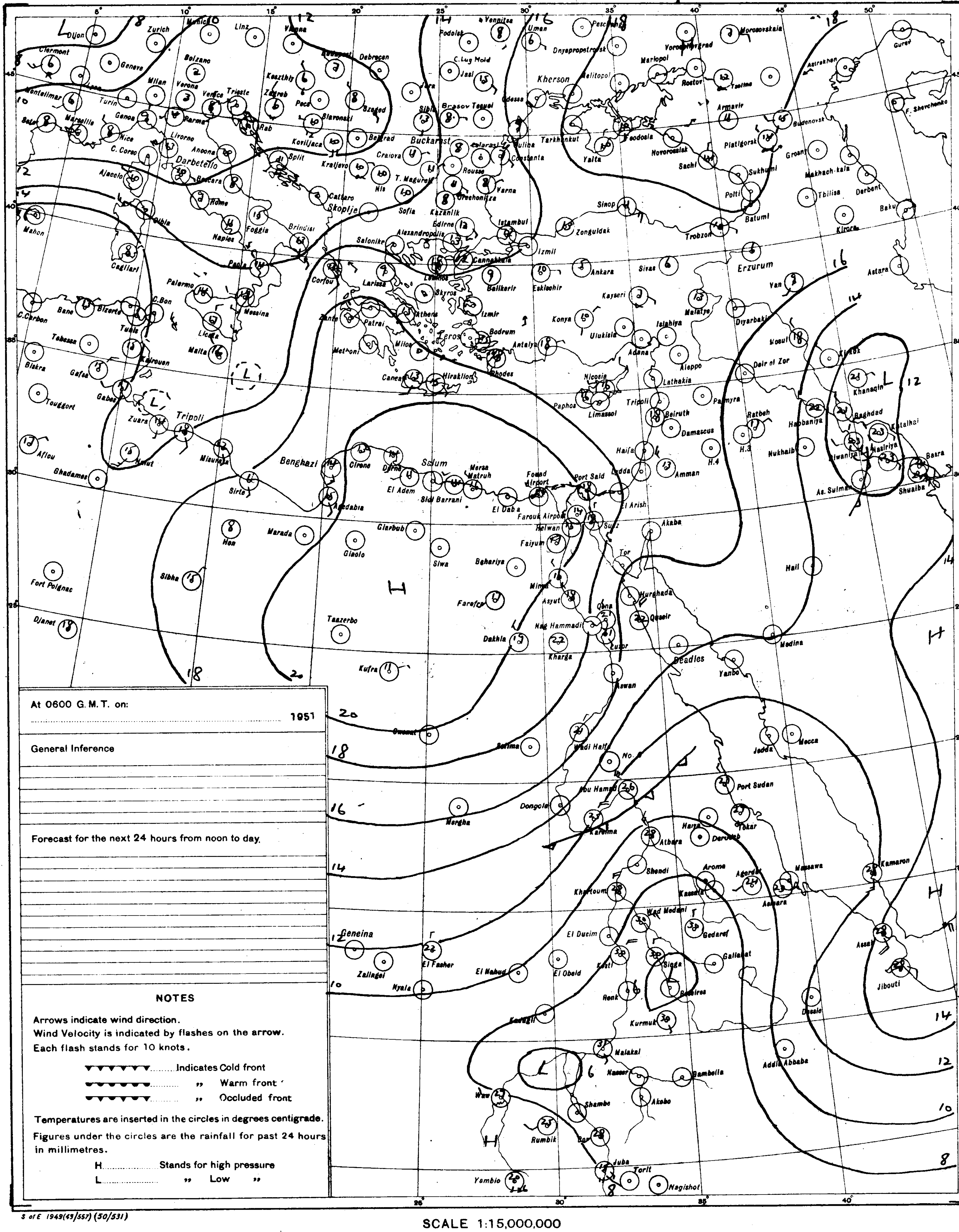
Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 9-4-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
●▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(43/557) (50/531)

CAIRO

Time of Sunrise 03 36 G.M.T.

" " Sunset 16 19 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 10th April, 1951

At 1200 on Monday 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALUM											
	303	SIDI BARANI	320	9	15	00	0	0	—	21.0	18	68	12
	306	MATRUH	30	12	15	00	0	0	—	20.8	19	56	10
	309	EL DABA	360	6	35	00	0	0	—	20.2	20	46	8
		ALEXANDRIA	310	16	50	02	2	4	Cu	20.6	20	56	11
	318	FOUAD (Airport)	290	13	18	02	1	4	Cu	20.4	20	60	12
	330	DAMIETTA	340	5	35	02	1	2	Cu	19.6	19	73	14
	333	PORT SA'ID	850	12	30	02	0	1	Sc	18.1	19	73	14
	336	EL 'ARISH	320	12	30	02	1	1	Cu	18.5	21	83	18
LOWER EGYPT	339	DAMANHUR	40	13	15	02	1	4	Cu	20.3	22	50	11
	342	MANSURA	360	5	35	02	1	5	Ac	19.6	23	44	10
	348	TANTA	270	5	35	01	1	4	Sc, Cu	19.9	23	38	8
	354	ZAGAZIG	320	2	50	03	1	3	Cu	19.4	24	47	12
	440	ISMAILIA	360	2	35	03	1	6	Cu	18.7	24	32	6
CAIRO AREA	366	FAROUK (Airport)	320	8	18	02	2	3	Cu	19.3	22	36	6
	372	ALMAZA	50	11	12	02	2	5	Sc	18.5	23	44	10
		EZBEKIYA	350	4	18	02	1	3	Cu	19.2	23	41	9
		GIZA	350	4	18	02	1	3	Cu	18.7	24	38	9
	378	HELWAN	290	4	15	02	0	0	—	18.4	23	32	5
UPPER EGYPT	381	FAIYUM	360	2	35	02	0	0	—	20.0	24	32	6
	387	MINYA	360	18	12	00	0	0	—	18.3	27	27	6
	393	ASYUT MANQABAD	330	12	30	00	0	0	—	17.0	27	23	4
	399	NAG' HAMMADI	290	1	35	00	0	0	—	15.2	30	21	5
	402	QENA	320	2	50	00	0	0	—	14.4	32	20	6
	405	LUXOR	340	13	30	00	0	0	—	14.2	30	14	0
	414	ASWAN	20	4	50	00	0	0	—	13.2	30	11	-4
OASES	417	SIWA	300	4	14	00	0	0	—	20.6	29	37	13
	420	BAHARIYA	270	4	35	02	0	0	—	18.4	27	27	6
	423	FARAFRA	360	9	15	07	3	0	—	19.2	29	23	6
	432	DAKHLA	340	11	50	00	0	0	—	19.6	29	9	-7
	435	KHARGA	360	9	15	00	0	0	—	15.9	28	16	9
RED SEA	450	SUEZ			50	02	0	0	—	17.4	24	34	7
	459	TOR	310	9	35	02	0	0	—	14.1	24		
	462	HURGHADA	340	20	30	00	0	0	—	14.6	24	57	15
	465	QUSEIR	360	24	15	02	0	0	—	14.2	24	54	14
	641	PORT SUDAN	20	19	7	07	0	0	—	10.2	30	52	19
NORTH SUDAN	600	WADI HALFA	360	22	10	07	0	0	—	13.8	31	8	-8
	640	ABU HAMAD	270	11	10	02	0	0	—		35	7	-6
	660	KAREIMA	360	13	30	02	0	0	—	9.4	35	7	-7
	680	'ATBARA											
	721	KHARTUM	10	15	12	06	0	0	—	5.5	38	11	2
	730	KASSALA	30	9	30	02	0	0	—	1.7	41	14	8
CENTRAL SUDAN	751	WAD MEDANI	50	13	15	02	0	0	—	2.7	40	10	3
	801	RENK											
	802	ROSEIRES	230	4	35	02	1	6	Cu	1.4	41	13	7
	771	EL OBEID											
	760	EL FASHER	50	15	30	01	0	1	—		35	10	-1
	770	GENEINA											
SOUDAN	840	MALAKAL	30	6	30	03	2	6	Cu, Ci	3.3	39	12	5
	880	WAU	340	9	30	15	2	8	Cb, Cs	4.3	36	33	17
	941	JUBA	180	2	30	03	2	8	Cb, ac	4.7	34	36	17

At 1800 on Monday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	40	9			0	0	—	20.9	15	77	11	0
MATRUH	60	4	10	00	0	0	—	21.2	15	72	10	0
EL DABA	00	0	15	00	0	0	—	21.1	15	68	9	0
ALEXANDRIA	360	9	35	01	2	2	Cu	20.7	19	60	11	0
FOUAD (Airport)	340	7	12	01	0	0	—	20.6	16	72	11	0
DAMIETTA	360	5	7	00	0	0	—	19.9	17	68	11	0
PORT SA'ID	350	12	18	01	0	1	Sc	18.5	17	39	3	0
EL 'ARISH	320	5	15	01	0	0	—	18.8	17	77	13	0
DAMANHUR	40	9	7	02	0	0	—	20.8	16	77	12	0
MANSURA	360	5	7	00	0	0	—	20.7	17	72	12	0
TANTA	00	0	35	02	1	0	—	21.2	17	77	13	0
ZAGAZIG	320	1	35	02	1	0	—	20.0	17	77	13	0
ISMAILIA	20		35	01	0	0	—	20.3	18	73	13	0
FAROUK (Airport)	50	16	13	00	1	0	—	20.1	19	56	10	0
ALMAZA	60	15	12	00	0	0	—	19.5	20	64	13	0
EZBEKIYA	350	10	12	00	0	0	—	19.8	19	60	11	0
GIZA	350	10	12	00	0	0	—	19.8	19	52	9	0
HELWAN	340	12	7	02	0	0	—	19.3	20	41	6	0
FAIYUM												
MINYA	20	6	8	00	0	0	—	18.7	18	56	9	0
ASYUT MANQABAD	320	6	10	00	0	0	—	18.3	20	43	7	0
NAG' HAMMADI	00	0	15	00	0	0	—	16.4	22	36	6	0
QENA	360	2	7	00	0	0	—	14.7	25	22	2	0
LUXOR	290	4	12	00	0	0	—	15.1	27	20	2	0
ASWAN												
SIWA												
BAHARIYA	360	2	15	02	0	0	—	19.5	20	41	6	0
FARAFRA												
DAKHLA												
KHARGA	00	0	15	00	0	0	—	17.1	23	24	1	0
SUEZ	360	6	15	02	0	0	—	18.7	19	73	14	0
TOR	310	13		02	0	0	—	15.0	23	44	10	0
HURGHADA	30	14	12	00	0	0	—	14.3	23	53	13	0
QUSEIR	360	9	15	02	0	0	—	15.2	23	50	12	0
PORT SUDAN												
WADI HALFA	340	12	30	02	0	0	—	13.9	25	14	-5	0
ABU HAMAD	270	8	30	02	0	0	—		28	13	-3	0
KAREIMA	340	12	30	02	0	0	—	10.1	28	8	-10	0
'ATBARA	20	13	10	07	0	0	—	6.5	31	10	-4	0
KHARTUM	340	10	30	02	0	1	Ci	6.5	32	8	-7	0
KASSALA	20	6	30	02	0	0	—	3.8	33	24	10	0
WAD MEDANI												
RENK												
ROSEIRES	350	7	10	02	0	0	—	7.3	30	13	-1	0
EL OBEID	30	7	30	03	1	6	Cs		28	14	-2	0
EL FASHER	10	3	30	02	0	0	—		31	6	-11	0
GENEINA												
MALAKAL	360	8	30	01	2	4	Ci	3.7	33	19	6	0
WAU	200	7	30	13	2	8	Cb, Cs	6.1	29	52	18	0
JUBA	290	9	30	25	8	8	Cb	10.0	24	84	21	dr.

At 0600 on Tuesday 10th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI	180	5	14	00	0	0	—	20.7		15	18		8		68	9	0	108	
MATRUH	240	3	10	00	0	0	—	21.4	+6.4	16	20		7		72	11	0	51	
EL DABA	00	0	15	00	0	0	—	20.8?		18	20		8		60	10	0	54	
ALEXANDRIA	40	6	50	02	2	5	Cu	21.4	+6.8	18	21	-2	15	0	60	10	0	62	181
FOUAD (Airport)	340	7	18	03	1	4	Sc	21.3		19	20		11		64	12	0	63	137
DAMIETTA	340	2	7	03	1	4	Cu	21.4	+6.9	17	21	-1	12	-1	68	11	0	Rain	101
PORT SA'ID	360	8	18	02	1	4	Sc, Cu	20.5	+6.9	19	21		17?		68	13	0	18	
EL 'ARISH	320	2	35	03	1	1	Cu	19.8	+5.7	21	23	0	13	+1	57	12	0	Rain	87
DAMANHUR	310	5	7	02	0	0	—	21.8	+7.2	17	23	-3	10	-2	68	11	0	35	95
MANSURA	320	5	35	00	0	0	—	21.5	+6.6	17	26	-1	10	-2	68	11	0	31	49
TANTA	00	0	35	02	0	0	—	21.5	+6.7	15	25	-2	9	-2	88	13	0	23	36
ZAGAZIG	320	1	35	02	0	0	—	19.9	+5.0	17	28	+1	11	0	68	11	0	Rain	25
ISMAILIA	20	2	35	01	0	0	—	20.6		18	25		14		73	13	0	17	
FAROUK (Airport)	40	7	12	02	1	1	Cu	21.2		16	24		12		72	11	0	Rain	
ALMAZA	70	9	12	00	0	0	—	20.6	+5.7	16	24		12		77	12	0	12	
EZBEKIYA	350	4	12	02	1	2	Cu	21.0	+6.1	17	24	-4	13	0	72	12	0	11	23
GIZA	350	4	12	02	1	2	Cu	20.7	+5.7	17	25	-3	9	-1	68	11	0	11	23
HELWAN	20	11	15	00	0	4	Cu	20.7	+6.1	17	24	-4	13	-1	68	11	0	12	26
FAIYUM	360	2	35	02	0	0	—	21.4	+6.5	16			12	0	77	12	0	8	8
MINYA	10	10	8	00	0	0	—	20.1	+5.7	16	28		11		77	12	0	3	
ASYUT MANQABAD	330	2	8	01	0	0	—	19.6	+5.4	16	27		11		77	12	0	dr.	
NAG' HAMMADI											30	-1							
QENA	320	1	15	00	0	0	—	16.8	+3.6	20	33	-1	15	0	41	6	0	0	
LUXOR											31								
ASWAN	350	9	50	00	0	0	—	16.6	+3.8	21			17	-1	33	4	0	0	
SIWA																			8
BAHARIYA	360	3	35	02	0	0	—	21.2	+5.7	16	28	-2	11	-1	68	10	0	0	7
FARAFRA																			
DAKHLA																			
KHARGA	360	2	15	00	0	0	—	18.8	+5.0	19	29	-4	16	+1	46	7	0	0	
SUEZ	360	3	50	00	0	0	—	19.2	+4.5	18	24	-3	12	-2	60	10	0	5	15
TOR	310	5		02	0	0	—	16.7	+4.0	20	26	-1	19	+3	43	7	0	4	13
HURGHADA											24								
QUSEIR	360	24	15	02	0	0	—	16.2	+3.6	22	26	-1	20	+1	57	13	0	dr.	4
PORT SUDAN	360	10	30	02	0	1	Cu	13.2		27	31		21		25	5	0	152	75
WADI HALFA											32								
ABU HAMAD	300	10	30	03	0	2	Ci			25	36		20		28	5	0		
KAREIMA	20	20	7	07	0	0	—	13.3		24	36		18		15	-5	0	dr.	1
'ATBARA											38								2
KHARTUM	350	15	30	02	0	0	—	11.4		25	39		22		12	-7	0	dr.	4
KASSALA											41								9
WAD MEDANI	50	13	35	02	0	0	—	9.1		27	41		18		13	-4	0	46	12
RENK																			51
ROSEIRES	230	5	35	02	1	0	—	9.8		23	44		17		32	5	0	0	43
EL OBEID	360	17	30	02	1	7	Cs	11.7		24	38		19		10	-10	0	7	17
EL FASHER	20	10	30	03	2	8	Cs			21	36		15		23	-1	0	6	6
GENEINA	50	17	30	01	1	4	Ci			22	37		20		9	-13	0		5
MALAKAL	00	0	30	03	2	8	Cs	10.7		28	41		24		58	19	0	70	102
WAU	270	8	30	02	2	7	ac	10.1		26	37		24		62	18	0	145	192
JUBA	180	9	30	03	2	8	Sc, ac	11.0		26	34		23		70	20	0.1	214	219

HUMIDITY %

Mean of day

Station	9th	Diff. from normal
Alexandria	63	-3
Ezbeklya	61	+6
Giza	63	+6
Helwan	49	+7

GIZA

GRASS MINIMUM TEMP ON 9th 6.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 9th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	157	24	38	300	9
950					
900					
850	1546	12	59	340	9
800					
700	3141	3		330	16
600					
500	5773	-14		300	28
400	7433	-27		300	60
300	9448	-40		300	58

AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Station	Hurghada		El Arish		Port Said		Asyut		Dakhla		Minya		Siwa		Farouk		Matruh		Fouad		S. Barrani		Farouk		Fouad	
Time	14		13	30	14		14		14		14		14		15		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	30	320	17	340	16	330	13	350	12	360	42	310	17	320	13	350	11	320	16	330	27	30	14	360	16
600	320	22	330	9	360	12	340	15	350	14	360	25	310	18	350	11	340	18	320	13	310	10	20	17	350	13
1000	310	19	300	9	340	15	340	20	350	16	360	13	350	5	350	9	340	17	320	10			20	15	330	7
1500	320	18	300	7	340	23	340	24			350	25	330	10	340	9			350	8			320	14	350	8
2000	330	23	280	11			350	21					330	19	320	15			340	16			340	14	310	14
3000	310	17	300	17			340	23					320	25	330	16			320	18			340	12	310	16
4000							330	21					300													
5000							310	24							300	28										
6000							290	28							300	47										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada		
Time					2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					10	6	10	6					30	22									
600					10	8	10	8					10	23									
1000					10	9	350	9					350	23									
1500					350	9	350	12					350	21									
2000							320	15															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4		4		3		4		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									20	17														
600									30	32	30	21	10	21	350	23	30	23						
1000									20	31	40	22	30	26	20	34	40	17	10	31	10	17		
1500									30	20	70	17	30	21	350	9	30	11	20	20	20	15		
2000									20	10					330	15			310	7				
3000									30	12	280	14	70	7	300	16	270	1	250	9	350	9		
4000															210	15								
5000															260	9								
6000															260	11								
7000															270	17								
8000															220	7								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

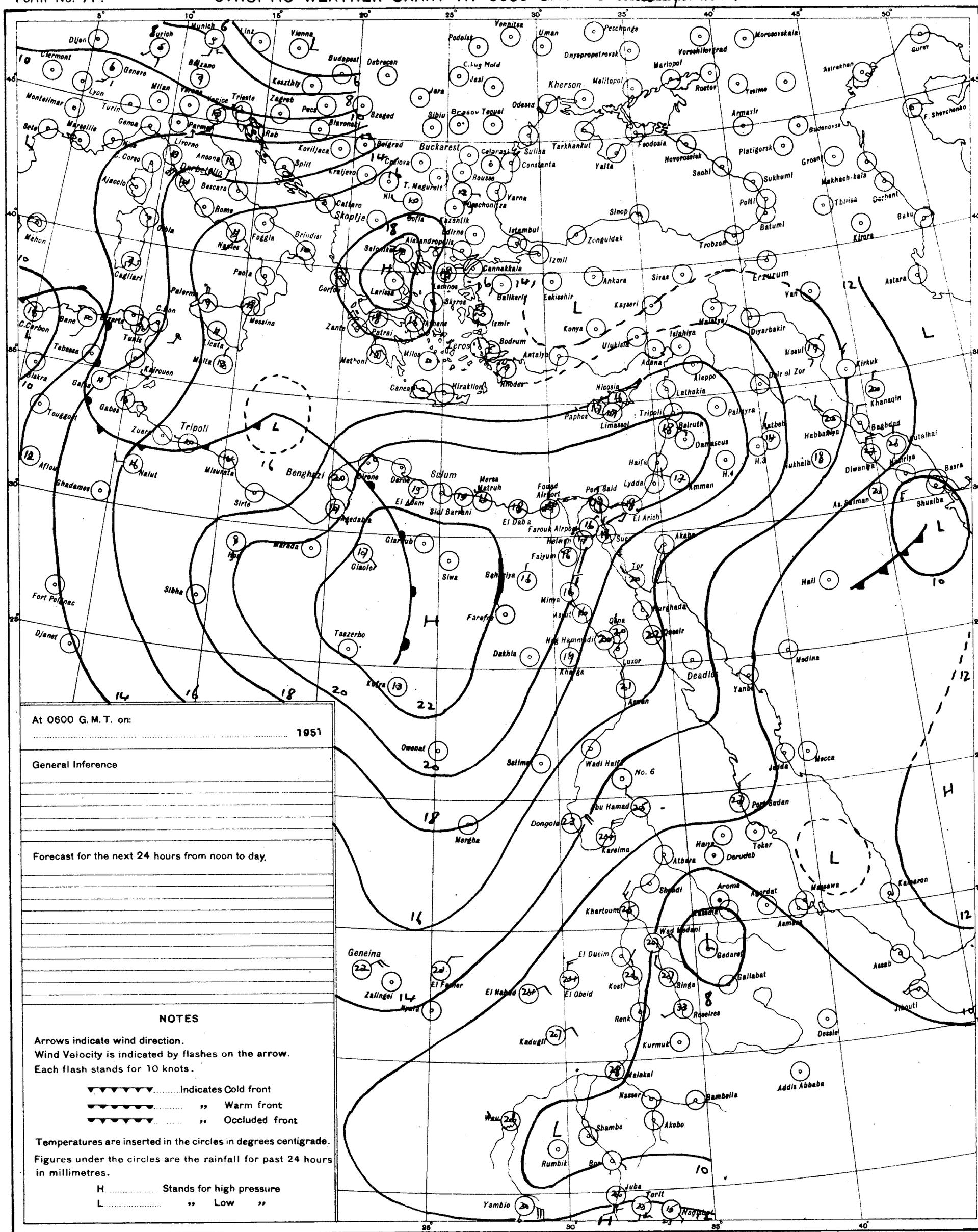
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 10-4-1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▬▬▬▬▬.....,, Warm front
▼▬▼▬▼▬.....,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 34 G.M.T.
" " Sunset 16 19 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: Wednesday 11th April, 1951

At 1200 on Tuesday 10th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
62300	SALUM											
303	SIDI BARANI	50	9	18	00	0	0	—	20.6	22	50	11
306	MATRUH	80	11	15	00	0	0	—	21.2	23	32	5
309	EL DABA											
	ALEXANDRIA	360	13	50	00	0	1		21.8	20	56	11
318	FOUAD (Airport)	330	9	18	01	0	0	—	21.6	20	56	11
330	DAMIETTA	360	5	35	01	1	1	Cu	21.0	19	64	12
333	PORT SAID	350	12	30	01	0	1	Sc	19.6	19	64	12
336	EL ARISH											
339	DAMANHUR	40	9	15	02	0	0	—	21.4	23	44	10
342	MANSURA	320	5	35	00	0	0	—	20.7	24	38	9
346	TANTA	360	8	35	02	0	0	—	20.8	24	32	6
354	ZAGAZIG	40	1	50	02	0	0	—	20.3	25	47	13
440	ISMAILIA	20	5	35	01	0	0	—	19.6	24	32	6
366	FAROUK (Airport)	320	13	18	03	0	1	Cu	20.4	23	38	8
	ALMAZA	50	12	15	00	0	0	—	19.8	23	36	7
	EZBEKIYA	360	10	18	00	0	0	—	19.9	23	38	8
	GIZA	360	10	18	00	0	0	—	18.8	24	32	6
	HELWAN	320	11	35	02	0	0	—	18.2	24	26	3
381	FAIYUM	360	8	35	02	0	0	—	20.3	25	28	5
387	MINYA	360	15	12	00	0	0	—	18.1	26	32	8
	ASYUT MANQABAD	310	12	30	00	0	0	—	16.5	27	30	8
	NAG HAMMADI	270	2	35	00	0	0	—	14.3	30	25	8
	QENA	130	2	50	00	0	0	—	13.9	32	20	6
405	LUXOR	340	8	30	00	0	0	—	14.2	30	17	2
414	ASWAN	350	6	50	00	0	0	—	13.9	29	14	-1
417	SIWA	110	2	14	00	0	0	—	21.8?	29	33	11
420	BAHARIYA	360	4	15	02	0	0	—	19.4	26	25	4
423	FARAFRA	360	1	15	02	0	0	—	17.8	28	27	7
432	DAKHLA	340	13	50	00	0	0	—	18.0	28	12	-4
	KHARGA	360	9	15	00	0	0	—	16.2	28	16	0
450	SUEZ	330	4	50	01	0	0	—	18.2	23	38	8
459	TOR	310	5	35	02	0	0	—	15.0	22	29	3
462	HURGHADA	360	13	30	00	0	0	—	14.5	22	65	15
465	QUSEIR	20	13	15	02	0	0	—	14.3	23	65	16
641	PORT SUDAN	20	21	7	07	1	1	Cu	10.8	29	52	18
600	WADI HALFA	360	13	30	02	0	0	—	13.1	31	11	-3
640	ABU HAMAD	270	7	30	02	0	0	—		34	7	-6
660	KAREIMA	330	13		11?	0	2	Ci	9.3	34	7	-7
	ATBARA	20	12	10	07	1	3	Ci	6.2	36	10	0
	KHARTUM	20	10	30	03	0	3	Ci	6.4	36	9	-2
	KASSALA	360	5	30	03	0	0	—	1.9	39	21	13
	WAD MEDANI	360	9	35	02	0	0	—	3.9	38	11	3
	RENK											
	ROSEIRES	230	9	35	02	0	0	—	3.9	38	17	9
	EL OBEID	350	2	30	02	2	7	Cs	7.2	33	5	-12
760	EL FASHER	10	14	30	02	1	6	Ci		33	13	1
	GENEINA	50	14	30	01	1	3	Ci		32	4	-14
840	MALAKAL	50	6	30	01	1	1	Ci	5.0	38	9	-1
880	WAU	50	6	30	01	1	1	Cu, ac	5.1	37	20	11
	JUBA	180	5	30	02	2	8	Sc, Cu	6.8	32	43	18

At 1800 on Tuesday 10th

Station	Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM												
SIDI BARANI	130	13	14	00	0	0	—	21.1	17	68	11	0
MATRUH	90	5	10	00	0	0	—	20.8	16	59	8	0
EL DABA	00	0	7	00	0	0	—	20.3	16	68	10	0
ALEXANDRIA	360	10	35	00	0	0	—	21.5	17	68	11	0
FOUAD (Airport)	320	8	12	02	0	0	—	20.7	17	72	12	0
DAMIETTA	320	5	7	02	1	6	Cu	20.7	17	68	11	0
PORT SAID	350	12	15	02	0	0	—	19.7	18	73	13	0
EL ARISH												
DAMANHUR	40	9	15	02	0	0	—	21.6	17	68	11	0
MANSURA	360	5	15	00	0	0	—	20.7	17	68	11	0
TANTA	00	0	35	02	0	0	—	20.5	17	68	11	0
ZAGAZIG	40	1	35	02	0	0	—	20.8	17	68	11	0
ISMAILIA	360	5	50	02	0	0	—	20.4	17	60	9	0
FAROUK (Airport)	50	16	13	00	1	0	—	20.1	19	56	10	0
ALMAZA	60	16	12	00	0	0	—	19.7	20	41	6	0
EZBEKIYA	00	0	12	00	0	0	—	20.6	19	49	8	0
GIZA	00	0	12	00	0	0	—	20.1	19	43	6	0
HELWAN	360	9	7	02	0	0	—	19.9	20	41	6	0
FAIYUM	00	0	35	02	0	0	—		20	46	8	0
MINYA	350	8	8	00	0	0	—	18.1	18	52	8	0
ASYUT MANQABAD	290	6	10	00	0	0	—	17.8	20	43	7	0
NAG HAMMADI	00	0	15	00	0	0	—	14.8	22	23	0	0
QENA	320	2	7	00	0	0	—	13.6	25	22	2	0
LUXOR	320	12	12	01	3	0	—	13.4	26	42	12	0
ASWAN	350	6	50	00	0	0	—	13.9	27	15	-2	0
SIWA	00	0	14	00	0	0	—	21.2	21	44	8	0
BAHARIYA	360	2	15	02	1	0	—	19.9	21	33	4	0
FARAFRA	360	10	15	02	0	0	—	20.4	18	52	8	0
DAKHLA	320	8	35	00	0	0	—	18.0	23	12	-8	0
KHARGA	360	10	15	00	0	0	—	16.0	24	21	0	0
SUEZ												
TOR	360	24		02	0	0	—	14.0				0
HURGHADA	310	22	12	00	0	0	—	14.2	23	50	12	0
QUSEIR	360	9	15	02	0	0	—	14.8	22	74	17	0
PORT SUDAN	310	4	10	01	1	0	—	12.0	25	70	19	0
WADI HALFA	350	15	50	02	0	0	—	13.2	25	9	-11	0
ABU HAMAD	270	5	30	02	0	0	—		25	11	-8	0
KAREIMA	310	8	30	02	0	0	—	8.5	26	11	-7	0
ATBARA												
KHARTUM	310	9	30	01	2	6	Cs	7.7	31	9	-5	0
KASSALA	360	5	30	02	0	0	—	4.9	31	31	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	5	30	01	2	5	Ci	9.4	28	8	-9	0
EL FASHER	10	9	30	01	1	5	Ci		26	17	-1	0
GENEINA												
MALAKAL	340	4	30	02	0	2	Ci	6.7	30	24	7	0
WAU	360	2	30	02	0	0	—	6.3	32	29	12	0
JUBA	310	2	30	13	2	6	Cb, Cs	7.5	29	52	18	0

At 0600 on Wednesday 11th April

Wind Direction	Wind Velocity in knots	Visibility in km	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs	Bar. Diff. from normal mbs	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Total from Oct. 1st	Normal from Oct. 1st	Station
																			SALUM
180	10	14	00	0	0	—	19.8		20			12		46	8	0	108		SIDI BARANI
250	10	14	00	0	0	—	20.2	+5.2	21	24		13				0	51		MATRUH
00	0	15	00	0	0	—	20.4		19	22				37	4	0	54		EL DABA
00	0	50	00	0	0	—	20.8	+6.2	21	21	-2	15	0	65	14	0	62	182	ALEXANDRIA
00	0	15	02	4	0	—	21.2		19	21		10		83	16	0	63	137	FOUAD (Airport)
20	2	7	00	0	0	—	21.1	+6.6	19	20	-2	11	-2	83	16	0	Rain	102	DAMIETTA
10	4	14	02	0	3	Sc	19.8	+6.2	20	21		17		69	14	0	18		PORT SAID
30	0	8	01	2	2	Cu	20.3	+6.2	20			12	0	64	13	0	Rain	87	EL ARISH
230	5		02	0	0	—	22.0	+7.5	17	24	-2	11	-1	88	15	0	35	95	DAMANHUR
270	5	35	00	0	0	—	21.5	+6.6	16	24	-3	10	-2	77	12	0	31	49	MANSURA
00	0	35	01	1	3	ac	21.6	+6.8	15	25	-3	9	-2	88	13	0	23	36	TANTA
40	1	35	02	0	0	—	20.7	+5.9	18	27	-1	11	0	83	15	0	Rain	25	ZAGAZIG
200	2	35	01	0	0	—	21.2		19	24		12		64	12	0	17		ISMAILIA
70	9	12	03	0	1	Cu	21.4		17	24		12		72	12	0	Rain		FAROUK (Airport)
60	6	15	03	0	1	Sc	21.3	+6.5	16	23		11		77	12	0	12		ALMAZA
00	0	12	00	0	0	—	21.5	+6.7	18	25	-3	13	0	64	11	0	11	23	EZBEKIYA
00	0	12	00	0	0	—	21.2	+6.2	17	25	-3	11	+1	64	10	0	11	23	GIZA
20	5	7	00	0	0	—	21.2	+6.7	16	24	-4	12	-2	72	11	0	12	26	HELWAN
360	2	35	02	0	0	—	21.8	+7.0	16	26	3	11	-1	77	12	0	8	8	FAIYUM
250	10	8	00	0	0	—	20.6	+6.3	16	27		10		68	10	0	3		MINYA
320	4	12	00	0	0	—	19.7	+5.6	17	28		10		56	8	0	dr.		ASYUT MANQABAD
										31	0								NAG HAMMADI
320	2	15	00	0	0	—	16.1	+3.0	19	34	-1	15	0	37	4	0	0		QENA
230	4	30	00	0	0	—	16.4	+3.3	20	31		16		35	4	0	0		LUXOR
330	6	50	00	0	0	—	15.6	+2.9	21	30	-5	17	-2	28	2	0	0		ASWAN
140	2	12	00	0	0	—	21.8	+6.0	19	30	+1	10	-1	46	7	0	dr.	8	SIWA
360	2	35	02	0	0	—	21.4	+6.0	17			10	-2	60	9	0	0	7	BAHARIYA
40	1	35	02	0	0	—	19.3		18	28		17?		56	9	0	dr.		FARAFRA
340	8	50	00	0	0	—	19.4	+5.2	20	29	-4	15	+1	33	3	0	0		DAKHLA
360	9	7	00	0	0	—	19.0	+5.2	19	29	-4	16	+1	37	4	0	0		KHARGA
360	6	35	00	0	0	—	19.9	+5.3	18			12	-3	60	10	0	5	15	SUEZ
310	5	35	02	0	0	—	15.6	+3.0	21			18?	+2	33	4	0	4	13	TOR
340	22	30	00	0	0	—	16.5	+3.9	19	23		15				0	dr.		HURGHADA
360	24	15	02	0	0	—	15.4	+2.9	21	25	-2	20	+1	50	10	0	dr.	4	QUSEIR
340	10	30	03	0	1	Cu	12.6		26	30		21		66	19	0	152	95	PORT SUDAN
340	10		02	0	0	—	16.1		18	32		13		30	0	0	dr.		WADI HALFA
300	10	30	02	0	0	—			25	35		20		10	0	0			ABU HAMAD
20	13	30	02	0	0	—	12.8		24	35		17		9	-11	0	dr.	1	KAREIMA
																		2	ATBARA
340	13	30	01	1	3	Ci	10.2		25	37		21		16	-3	0	dr.	4	KHARTUM
10	10	30	01	1	1	Ci	8.1		28	39		21		45	15	0	3	10	KASSALA
																		12	WAD MEDANI
																		51	RENK
																		43	ROSEIRES
360	13	30	03	0	3	Ci	12.4		23	35		19		10	-11	0	7	17	EL OBEID
10	4	30	03	1	7	Ci			18	34		11		26	-2	0	6	6	EL FASHER
																		5	GENEINA
										39								103	MALAKAL
00	0	7	05	0	1	Ci	10.1		26	39		21		21	2	0	145	194	WAU
180	5	30	02	2	7	ac	8.9		27	34		21		66	20	0	214	223	JUBA

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	64	-2
[illegible]	56	+1
[illegible]	55	-2
[illegible]	48	+6

GIZA GRASS MINIMUM TEMP. 11th 7.5

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 10th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	165	23	38	360	8
950					
900					
850	1548	9	62	350	15
800					
700	3132	0		330	15
600					
500	5745	-17		320	30
400	7372	-30		320	34
300	9366	-42		310	40

AIRPORT — On At

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 10th At 8h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	212	18	56	350	4
950					
900					
850	1550	10	54	20	15
800					
700	3163	1	47	330	20
600	4375	-7		320	19
500	5770	-17		270	23
400	7392	-31		260	50
300	9151	-36		260	71

UPPER WIND OBSERVATIONS on 10th

Station	Farouk		Minya		Siwa		Port Said		Matruh		S. Barrani		Fouad		Farouk		Minya	
Time	15		14		14		14		14		14		20 15		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	10	350	19			340	13	110	20	40	9	360	11	40	18	10	29
600	10	18	350	26	160	5	340	12	140	2	20	4	10	16	20	20	20	36
1000	360	15	360	21	90	5	340	14	10	6	260	5	350	20	10	24	20	28
1500	350	15			60	13	350	28			260	8	360	20	10	23	20	35
2000	340	20					340	38					350	28				
3000	330	15											350	28				
4000																		
5000	330	29																
6000	310	32																
7000																		
8000																		

UPPER WIND OBSERVATIONS on 11th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada	
Time							3						2									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							350	5					20	22								
600													360	23								
1000													20	31								
1500																						
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time					8				4		4				4				4 30				4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					30	19			10	11														
600					20	22			30	24	30	25			30	25							50	16
1000					30	28			40	22	50	19			10	34			360	38			40	14
1500									20	12	30	3			10	14			10	15			30	23
2000															200	3			270	3				
3000									360	19	310	11			310	19							50	7
4000															230	16								
5000																								
6000															260	17								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note All times are G.M.T.

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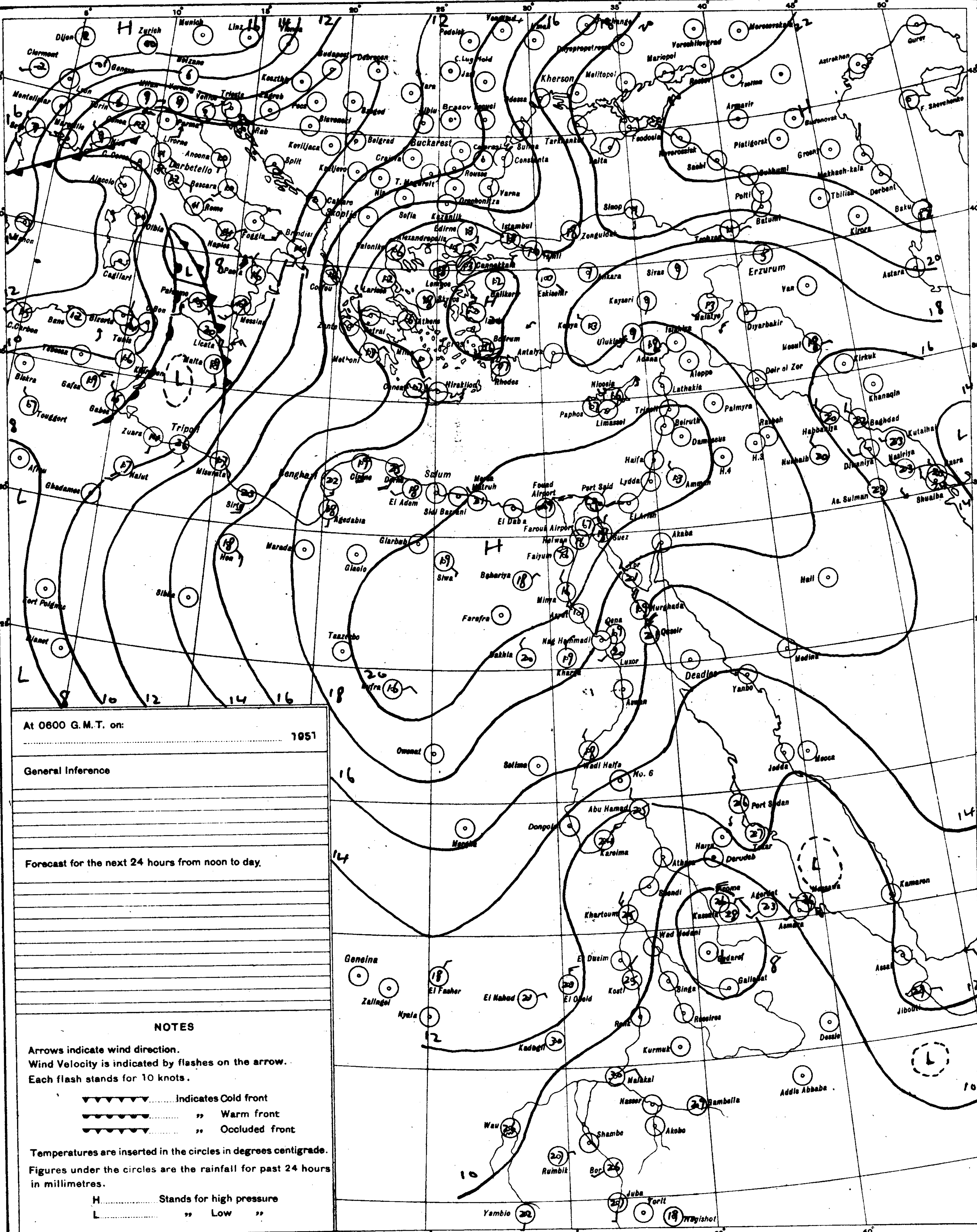
Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 11-4 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during the past hour	91	
Hail } Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 33 G.M.T.

" " Sunset 16 20 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 12th April, 1951

At 1200 on Wednesday 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SÎDI BARÂNI	10	9	18	00	0	0	—	19.0	26	37	10
	306	MATRUH	60	7	18	00	0	0	—	19.5	27		
	309	EL DABA	40	5	35	00	0	0	—	19.0	25		
		ALEXANDRIA	360	15	50	00	0	0	—	20.8	21	65	14
	318	FOUAD (Airport)	320	11	15	02	0	0	—	20.7	22	50	11
	330	DAMIETTA	20	2	35	02	0	0	—	20.6	22	50	11
	333	PORT SA'ID	10	7	30	02	0	0	—	20.0	20	69	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	20.3	26	37	10
	342	MANSURA	360	5	35	00	0	0	—	20.2	27	27	6
	348	TANTA	310	8	35	02	1	0	—	19.8	28	22	4
	354	ZAGAZIG	40	2	50	02	0	0	—	19.5	26	42	12
	440	ISMA'ILIA	20	5	35	01	0	0	—	19.2	26	30	7
Middle Egypt	366	FAROUK (Airport)	40	14	30	03	0	1	Cu	19.3	25	28	5
	372	ALMAZA	70	13	15	00	0	0	—	18.5	25	28	5
		EZBEKIYA	20	6	18	00	0	0	—	18.7	26	28	6
		GIZA	20	6	18	00	0	0	—	18.4	26	28	6
	378	HELWAN	360	18	35	02	0	0	—	18.2	25	22	2
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	—	19.1	26	25	4
	387	MINYA	360	22	8	00	0	0	—	17.1	27	23	4
	393	ASYUT MANQABAD	360	17	12	00	0	0	—	15.1	28	22	4
	399	NAG' HAMMADI	320	2	35	00	0	0	—	13.4	31	17	3
	402	QENA	180	1	50	00	0	0	—	12.8	32	15	2
	405	LUXOR	340	8	30	00	0	0	—	12.6	30	11	-4
	414	ASWAN	330	9	50	00	0	0	—	12.2	30	17	2
Oases	417	SÎWA	180	2	14	00	0	0	—	20.7	31	17	3
	420	BAHARIYA	360	6	35	02	0	0	—	18.6	28	22	4
	423	FARAFRA	360	2	35	02	0	0	—	17.2	28	16	0
	432	DAKHLA	340	11			0	0	—	16.7	29	14	-1
	435	KHARGA	360	19	3	07	0	0	—	15.1	28	12	-4
Red Sea	450	SUEZ	360	5	50	02	0	0	—	17.5	25	34	8
	459	TOR	310	5	35	02	0	0	—	13.6	24	47	12
	462	HURGHADA	360	11	30	00	0	0	—	14.3	23	65	16
	465	QUSEIR	360	19	15	02	0	0	—	13.7	24	44	11
	641	PORT SUDAN	20	12	30	02	0	0	—	9.7	29	46	16
North Sudan	600	WADI HALFA	360	13	30	02	0	0	—	11.8	31	7	-9
	640	ABU HAMAD	300	2	30	02	0	0	—		34	7	-6
	660	KAREIMA	40	8	30	02	0	0	—	8.9	33	17	5
	680	'ATBARA	340	9	30	02	0	0	—	6.8	35	9	-2
	721	KHARTUM	360	10	30	01	0	1	Ci	5.8	36	6	-8
	730	KASSALA	360	5	30	02	0	0	—	2.4	38	18	10
Central Sudan	751	WAD MEDANI	360	5	35	02	0	0	—	4.2	36	12	2
	801	RENK	310	9	35	02	1	3	Ci	6.7	37	13	5
	802	ROSEIRES	130	5	35	02	0	0	—	5.4	38	25	15
	771	EL OBEID	10	12	30	03	1	4	Ci	6.4	33	6	-9
	760	EL FASHER	20	9	30	08	2	7	Cs		31	16	2
	770	GENEINA											
S. Sudan	840	MALAKAL	20	6	30	03	1	6	Ci	4.5	37	9	-1
	880	WAU	70	6	30	03	0	4	ac	5.2	37	10	0
	841	JUBA	180	9	30	17	9	8	Cb, ac	5.2	31	43	17

At 1800 on Wednesday 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SÎDI BARÂNI	130	8	14	00	0	0	—	18.9	20	53	10	0
MATRUH	130	4	14	00	0	0	—	19.2	18	68	12	0
EL DABA	00	0	7	00	0	0	—	19.8	17	68	11	0
ALEXANDRIA	40	8	35	00	0	0	—	20.2	18	73	13	0
FOUAD (Airport)	20	3	10	02	0	0	—	20.5	16	82	13	0
DAMIETTA	360	5	7	02	0	0	—	20.0	18	83	15	0
PORT SA'ID	360	15	18	02	0	0	—	19.8	19	78	15	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	20.8	17	68	11	0
MANSURA	20	5	15	00	0	0	—	20.5	18	83	15	0
TANTA	00	0	35	02	0	0	—	21.2	18	83	15	0
ZAGAZIG	40	1	35	02	0	0	—	19.7	17	68	11	0
ISMA'ILIA	00	0	35	02	0	0	—	19.5	19	73	14	0
FAROUK (Airport)	40	16	12	00	0	0	—	19.2	20	53	10	0
ALMAZA	60	16	12	00	0	0	—	19.0	21	41	7	0
EZBEKIYA	40	9	12	00	0	0	—	19.2	20	49	9	0
GIZA	40	9	12	00	0	0	—	19.4	20	46	8	0
HELWAN	360	15	7	02	0	0	—	18.4	21	33	4	0
FAIYUM	00	0	35	02	0	0	—	19.1	21	41	7	0
MINYA	10	10	8	00	0	0	—	16.8	19	49	8	0
ASYUT MANQABAD	320	3	10	00	0	0	—	15.9	19	49	8	0
NAG' HAMMADI	00	0	15	00	0	0	—	14.0	23	34	6	0
QENA	180	2	7	00	0	0	—	13.1	26	18	0	0
LUXOR	00	0	13	00	0	0	—	13.1	23	24	1	0
ASWAN	350	4	50	00	0	0	—	13.9	27	15	-2	0
SÎWA												
BAHARIYA	360	3	15	02	0	0	—	18.7	22	29	3	0
FARAFRA	360	1	15	02	0	0	—	18.6	20	41	6	0
DAKHLA	340	8	35	00	0	0	—	17.9	23	12	-8	0
KHARGA	360	9	7	00	0	0	—	15.9	23	18	-3	0
SUEZ	360	5	15	02	0	0	—	18.2	19	64	12	0
TOR	130	5		02	0	0	—	12.7	21	57	12	0
HURGHADA	320	19	12	00	0	0	—	13.3	23	61	15	0
QUSEIR	360	9	15	02	0	0	—	13.8	22	65	15	0
PORT SUDAN	340	4	30	02	0	0	—	11.1	25	65	18	0
WADI HALFA	330	10	50	02	0	0	—	11.7	25	7	-13	0
ABU HAMAD	270	4	30	02	0	0	—		27	11	-6	0
KAREIMA	320	6	30	02	0	0	—	10.0	25	9	-11	0
'ATBARA	360	5	30	02	0	0	—	8.1	27	16	-1	0
KHARTUM	320	9	30	02	0	0	—	7.1	30	10	-5	0
KASSALA	360	2	30	03	0	1	ac	5.6	27	33	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER	20	6	30	01	1	3	Ci		25	19	0	0
GENEINA												
MALAKAL	360	3	30	01	1	1	Ci	5.9	31	22	7	0
WAU												
JUBA	200	5	30	01	9	8	ac	7.5	25	79	21	0.1

At 0600 on Thursday 12th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	180	10	14	00	0	0	—	17.5		16	30		12		49	5	0	108	
MATRUH	240	7	14	00	0	0	—	18.4	+3.5	22	28		11				0	51	
EL DABA	200	4	15	00	0	0	—	18.1		19	27		9		52	9	0	54	
ALEXANDRIA	130	10	35	04	0	9	—	19.6	+5.0	16	22	-1	14	-1	88	14	0	62	182
FOUAD (Airport)	140	2	0.05	45	4	9	—	19.6		14	23		10		95	14	0	63	137
DAMIETTA	140	2	7	00	0	0	—	19.9	+5.5	19	23	+1	15	+2	83	15	0	Rain	102
PORT SA'ID	60	10	18	02	0	1	Cu	19.4	+5.9	20	22		17		78	16	0	18	
EL 'ARISH																			88
DAMANHUR	130	9	7	02	0	0	—	20.0	+5.5	17	27	+1	9	-3	77	13	0	35	95
MANSURA	360	5	35	00	0	0	—	20.3	+5.5	18	28	+1	12	0	83	15	0	31	49
TANTA	00	0	35	02	0	0	—	20.2	+5.4	15	28	0	8	-3	88	13	0	23	37
ZAGAZIG	40	1	35	02	0	0	—	19.5	+4.7	17	28	0	9	-2	68	11	0	Rain	25
ISMA'ILIA	140	2	35	01	1	4	Ac	19.2		19	26		13		73	14	0	17	
FAROUK (Airport)	70	14	14	03	0	1	Cu	18.9		18	26		12		78	14	0	Rain	
ALMAZA	90	10	15	00	0	0	—	18.8	+4.0	18	26		13		78	14	0	12	
EZBEKIYA	50	10	15	00	0	0	—	18.7	+3.9	19	27	-1	14	+1	73	14	0	11	23
GIZA	50	10	15	00	0	0	—	18.5	+3.6	18	27	-1	12	+2	68	12	0	11	23
HELWAN	40	13	15	00	0	0	—	18.3	+3.9	19	26	-2	15	+1	62	9	0	12	26
FAIYUM	360	2	35	00	0	0	—	19.5	+4.7	17	27	-2	12	-1	77	13	0	8	8
MINYA	20	11	10	00	0	0	—	16.3	+2.1	16	28		13		77	12	0	3	
ASYUT MANQABAD	30	10	8	01	0	0	—	16.7	+2.7	17	30		11		64	10	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	15.2	+2.0	20	33	+2	13	0	46	8	0	0.1	
QENA	320	2	15	00	0	0	—	15.0	+2.0	21	35	0	15	-1	33	4	0	0	
LUXOR	00	0	30	00	0	0	—	14.4	+1.4	20	33		13		33	3	0	0	
ASWAN	350	6	50	00	0	0	—	14.6	+2.0	21	31	-4	15	-4	41	7	0	0	
SÎWA																			8
BAHARIYA	360	2	35	02	0	0	—	19.4	+4.1	17	29	-1	15	+3	60	9	0	0	7
FARAFRA	40	1	35	02	0	0	—	19.5		19	28		18		46	7	0	dr.	
DAKHLA	340	8	50	00	0	0	—	18.3	+4.2	19	29	-4	16	+2	37	4	0	0	
KHARGA	360	2	15	00	0	0	—	15.1	+1.4	20	29	-4	16	+1	41	6	0	0	
SUEZ	360	5	35	00	0	0	—	17.8	+3.3	18	26	-2	14	-1	73	13	0	5	15
TOR	310	5	35	02	0	0	—	14.0	+1.4	21	24	-3	18	+2	65	14	0	4	13
HURGHADA	320	13	30	00	0	0	—	14.1	+1.5	20	23		16		69	14	0	dr.	
QUSEIR	360	29	15	02	0	0	—	13.5	+1.0	23	26	-1	20	+1	44	10	0	dr.	4
PORT SUDAN	340	4	30	02	0	1	ac	11.2		26	29		18		48	14	0	152	95
WADI HALFA			30	02	0	0	—	12.7		18	34		13		43	5	0	dr.	
ABU HAMAD											35								
KAREIMA											34								1
'ATBARA											37								2
KHARTUM											37								4
KASSALA	20	5	30	02	0	0	—	7.8		27	39		10		33	9	0	3	10
WAD MEDANI																			13
RENK																			51
ROSEIRES																			44
EL OBEID																			17
EL FASHER											33								6
GENEINA																			5
MALAKAL	20	12	30	01	1	6	ac, Cs	9.2		29	39		22		8	-9	0	70	104
WAU	200	3	10	04	1	7	Cs	10.5		24	38		20		30	5	0	145	196
JUBA	180	5	30	01	6	7	ac, Cs	9.4		27	36		24		70	21	0.1	214	227

HUMIDITY %

Mean of day

STATION	on 11th	Departure from normal
Alexandria	69	+2
Ezbekiya	53	-2
Giza	52	-5
Helwan	46	+4

GIZA

GRASS MINIMUM TEMP. on 12th 6.9°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 11th

Height m.	Suez Dir.	Suez Vel.	Fouad Dir.	Fouad Vel.	Luxor Dir.	Luxor Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Asyut Dir.	Asyut Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Fouad Dir.	Fouad Vel.
Time	14		14		14 30		14		14		13 30		14		14		14								20	
300	170	3	340	12	330	6	350		350	8	350	17	360	23	20	17	350	14							40	15
600	170	3	350	12	340	10	350		360	8	20	14	10	26	20	23	330	19							20	16
1000	160	3	360	14	340	16	350		10	9	20	12	10	23	10	32	330	14							20	22
1500	210	3	10	18	350	13	20	16	30	14	30	10	10	22			320	9							20	17
2000					10	12			40	6	20	16	10	20			10	5							10	10
3000									80	7	20	11	20	16			10	6							10	15
4000									170	8							360	11								
5000									80	12																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabad Dir.	Asyût Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					2		2						2											
300					280	9	60	8					10	25										
600					280	12	40	12					30	26										
1000					80	12	60	16					30	26										
1500							50	19					30	20										
2000							70	12																
3000							360	12																
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									4		4		4						5				3	
300									330	16														
600									10	18	10	23	360	19									10	29
1000									360	13	20	17	10	24					360	27			10	32
1500									350	11	50	9	20	24					20	12			10	9
2000																							200	3
3000									310	8	290	17	50	5									320	9
4000																							100	8
5000																								
6000																								
7000																								
8000																								

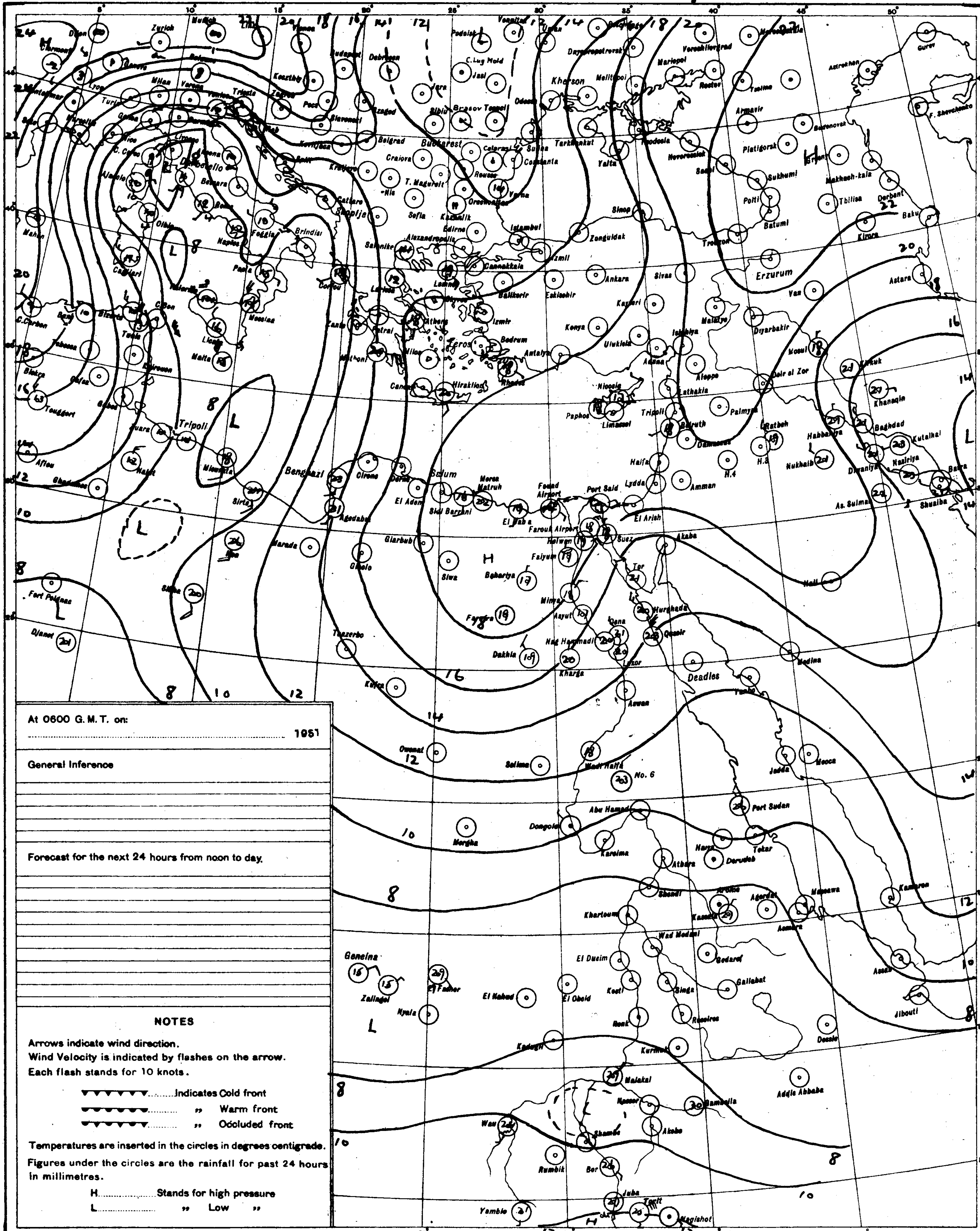
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49,557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 12-4-1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless....00
Clouds dissolving....01
State of sky generally unchanged....02
Clouds developing....03

Visibility more than 1000 metres:
- Visibility reduced by smoke....04
- Dry haze....05
- Dust in the air....06
- ,, or sand raised by wind....07
- Dust devil....08
- Duststorm or sandstorm within sight or at station during last hour....09
- Mist....10
- Shallow fog....12

Lightning, no thunder heard....13
Precipitation within sight....16
Thunder, no precipitation....17

During past hour and not at time of observation:
- Squalls....18
- Drizzle....20
- Rain....21
- Showers of rain....25
- ,, ,, hail....27
- Fog....28
- Thunderstorm....29

Duststorm or Sandstorm....31
Fog....45
Drizzle....50
Rain....60
Showers of rain....80
,, ,, hail....87
Rain } Thunderstorm during....91
Hail } the past hour....93
Thunderstorm with rain....95
,, ,, hail....96
,, ,, Sandstorm....98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds....0.
Some clouds....1.
Mainly overcast....2.
Sandstorm or Duststorm....3.
Fog or thick dusthaze (v/s less than 1000 m.)....4.
Drizzle....5.
Rain....6.
Snow or rain and snow....7.
Showers of rain....8.
Thunderstorm with or without rain....9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless....0
1/8 of sky coverd or trace of cloud....1
2/8 th ,, ,, ,,....2
3/8 ,, ,, ,, ,,....3
4/8 ,, ,, ,, ,,....4
5/8 ,, ,, ,, ,,....5
6/8 ,, ,, ,, ,,....6
7/8 ,, ,, ,, ,,....7
Sky completely covered....8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness....9

M. A. H.

S of E 1949(45/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 32 G.M.T.
" " Sunset 16 20 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 13th April, 1951

At 1200 on Thursday 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI											
	306	MATRÛḤ	110	13	13	00	0	0	—	18.6	26	21	2
	309	EL DABA	40	5	35	00	0	0	—		22	44	9
		ALEXANDRIA	360	20	50	00	0	0	—	18.0	20	73	15
	318	FOUAD (Airport)	10	13	12	02	4	0	—	18.3	22	65	15
	330	DAMIETTA	20	5	35	02	0	0	—	18.0	21	74	16
	333	PORT SA'ÎD	10	12	30	02	0	0	—	16.4	23	65	16
	336	EL 'ARISH	360	8	30	00	0	0	—	16.3	20	73	15
Lower Egypt	339	DAMANHUR	90	13	15	02	0	0	—	17.5	27	33	9
	342	MANṢURA			35	00	0	0	—	17.2	28		
	348	ṬANTA	90	8	35	02	0	0	—	17.9	28	27	7
	354	ZAGAZIG	40	2	50	02	0	0	—	16.7	28	33	10
	440	ISMAÎLÎA	40	9	35	01	0	0	—	16.0	26	30	7
Cairo Area	366	FAROUK (Airport)	70	15	30	00	0	0	—	15.9	28	29	8
	372	ALMÂZA	70	15	15	00	0	0	—	15.2	28	22	4
		EZBEKÎYA	30	12	18	00	0	0	—	15.4	28	23	5
		GÎZA	30	12	18	00	0	0	—	15.6	28	33	10
	378	HELWÂN	20	17	35	02	0	0	—	14.2	28	16	0
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	—	15.5	29	19	3
	387	MINYA	360	17	10	00	0		—	13.0	30	21	5
	393	ASYÛṬ MANQABÂD	360	8	30	00	0	0	—	12.1	30	18	3
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	12.0	31	28	10
	402	QENA	290	2	50	00	0	0	—	10.7	33	16	4
	405	LUXOR	90	8	30	00	0	0	—	10.4	33	14	2
	414	ASWÂN	00	0	50	00	0	0	—	8.1	32	7	-8
Oases	417	SÎWA	220	3	14	00	0	0	—	18.2	32	26	10
	420	BAHARÎYA	40	2	35	02	0	0	—	15.9	29	20	4
	423	FARAFRA	90	1	35	02	0	0	—	17.8	28	16	0
	432	DAKHLA	340	11	50	00	0	0	—	14.2	29	4	-16
	435	KHARGA	360	4	15	00	0	0	—	11.2	30	16	1
Red Sea	450	SUEZ	360	6	35	02	0	0	—	13.4	29	19	3
	459	ṬÛR	270	5	35	02	0	0	—	12.2	24	54	14
	462	HURGHÂDA	350	8	30	00	0	0	—	11.5	23	84	20
	465	QUSEIR	20	13	15	02	0	0	—	11.5	26	42	12
	641	PORT SÛDÂN	60	11	30	02	0	0	—	8.2	29	59	20
North Sudan	600	WÂDI HALFA	340	4	50	02	0	0	—	10.2	31	8	-6
	640	ABU ḤAMAD	230	2	30	02	0	0	—		34	7	-6
	660	KAREIMA											
	680	'ATBARA	20	13	10	07	0	0	—	5.2	34	9	-3
	721	KHARTÛM	340	7	30	08	0	0	—	6.1	35	9	-3
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	2	30	03	0	2	Ci	6.8	33	6	-9
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	20	5	30	03	2	8	ac, cs	4.5	38	9	-1
	880	WÂU	90	5	30	02	2	8	cs	5.1	36	12	2
	941	JUBA	180	5	30	01	2	8	cu, ac	6.5	32	46	19

At 1800 on Thursday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SÎDI BARÂNI	100	10	14	01	0	0	—	16.1	18	73	13	0
MATRÛḤ	140	8	12	00	0	0	—	17.6	17	77	13	0
EL DABA	40	5	7	00	0	0	—	17.2	18	83	15	0
ALEXANDRIA	360	16	35	00	0	0	—	18.2	18	88	16	0
FOUAD (Airport)	10	6	12	01	0	0	—	17.8	17	88	15	0
DAMIETTA												
PORT SA'ÎD												
EL 'ARISH												
DAMANHUR	90	9	7	02	0	0	—	17.1	18	83	15	0
MANṢURA	20	9	15	00	0	0	—	16.4	18	73	13	0
ṬANTA	00	0	35	02	0	0	—	17.5	19	73	14	0
ZAGAZIG	320	2	35	02	0	0	—	17.1	18	83	15	0
ISMAÎLÎA	20	9	35	02	0	0	—	16.6	19	73	14	0
FAROUK (Airport)	40	11	12	00	1	0	—	17.1	20	64	13	0
ALMÂZA	50	11	12	00	0	0	—	16.4	20	56	11	0
EZBEKÎYA	30	10	12	00	0	0	—	16.7	20	53	10	0
GÎZA	30	10	12	00	0	0	—	16.8	21	41	7	0
HELWÂN	20	19	15	02	0	0	—	15.5	21	50	10	0
FAIYÛM												
MINYA	20	1	10	00	0	0	—	13.7	19	52	9	0
ASYÛṬ MANQABÂD	300	3	10	00	0	0	—	12.6	22	47	10	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.4	22	57	13	0
QENA	320	2	7	00	0	0	—	12.7	27	20	2	0
LUXOR												
ASWÂN												
SÎWA	00	0	10	00	1	0	—	16.6	25	34	8	0
BAHARÎYA	360	5	15	02	0	0	—	15.5	23	32	5	0
FARAFRA	360	1	15	02	0	0	—	16.0	21	31	3	0
DAKHLA	320	8	50	00	0	0	—	14.4	26	7	-12	0
KHARGA	00	0	15	00	0	0	—	12.2	24	15	-5	0
SUEZ	310	5	35	02	0	0	—	15.5	20	64	13	0
ṬÛR	360	2		02	0	0	—	12.2	22	57	13	0
HURGHÂDA	310	11	30	00	0	0	—	10.9	22	69	16	0
QUSEIR	360	13	15	02	0	0	—	10.3	24	38	9	0
PORT SÛDÂN	340	4	30	02	0	0	—	9.8	26	74	21	0
WÂDI HALFA	340	3	50	02	0	0	—		25	19	0	0
ABU ḤAMAD	280	1	30	02	0	0	—		27	11	-6	0
KAREIMA	310	8	30	02	0	0	—	9.1	25	9	-11	0
'ATBARA	20	5	50	02	0	0	—	6.9	29	9	-7	0
KHARTÛM	320	7	30	02	0	1	Ci	7.7	29	9	-7	0
KASSALA	230	4	30	02	0	0	—	6.1	27	23	4	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	340	4	30	02	0	0	—	9.7	26	7	-12	0
EL FÂSHER	10	6	30	02	0	0	—		24	22	1	0
GENEINA	30	8	30	02	0	0	—		26	6	-15	0
MALAKÂL	220	2	30	02	1	1	Cc	5.9	31	18	4	0
WÂU	00	0	30	01	1	2	Ci	6.0	31	19	5	0
JUBA	180	9	30	02	2	8	Sc, ac	9.7	25	70	19	0

At 0600 on Friday 13th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI											30								
MATRÛḤ	170	6	30	00	0	1	Ci	16.8	+1.9	17	28		8		64	10	0	51	
EL DABA	00	0	15	00	0	0	—	16.5		20	23		9		60	12	0	54	
ALEXANDRIA	40	13	50	01	1	3	Cu, Ci	16.4	+1.9	21	22	-1	16	+1	65	14	0	62	132
FOUAD (Airport)	60	9	18	02	0	1	Ci	16.3		21	23		13		65	14	0	63	137
DAMIETTA	20	5	7	00	0	0	—	14.7	+0.3	20			16	+2	83	17	0	Rain	102
PORT SA'ÎD	40	13	12	02	0	0	—	14.6	+0.5	20			18		83	17	0	18	
EL 'ARISH	00	0	18	00	0	0	—	14.4	+0.5	21			14	+1	50	10	0	Rain	88
DAMANHUR	40	13	7	02	0	0	—	16.1	+1.6	18	28	+2	11	-1	83	15	0	35	96
MANṢURA	360	5	35	00	0	0	—	15.6	+0.8	19	28	+1	13	+1	83	16	0	31	49
ṬANTA	40	5	35	02	0	0	—	15.8	+1.4	17	28	0	10	-1	77	13	0	23	37
ZAGAZIG	320	1	35	02	1	0	—	16.6	+1.9	20	29	+1	12	+1	83	17	0	Rain	25
ISMAÎLÎA	250	2	35	01	0	0	—	15.9		21	26		15		65	14	0	17	
FAROUK (Airport)	40	10	10	03	0	6	St	16.0		17	28		13		88	15	0	Rain	
ALMÂZA	70	9	10	03	0	6	Sc	15.0	+0.3	18	28		12		83	15	0	12	
EZBEKÎYA	360	12	12	02	1	8	Cu	15.2	+0.5	17	28	0	13	0	77	13	0	11	23
GÎZA	360	12	12	02	1	8	Cu	15.4	+0.6	17	29	+1	13	+3	88	15	0	11	23
HELWÂN	20	15	15	02	1	1	Cu	14.0	-0.4	19	28	0	14	0	64	12	0	12	26
FAIYÛM	360	5	35	02	0	0	—	15.1	+0.4	20			14	+1	64	13	0	8	8
MINYA	20	10	10	00	0	0	—	13.8	-0.3	18	31		13		83	15	0	3	
ASYÛṬ MANQABÂD	310	3	12	00	0	0	—	13.8	-0.1	17	31		12		64	10	0	dr	
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.0	-0.2	22			14	+1	44	9	0	0.1	
QENA	360	2	15	00	0	0	—	12.2	-0.7	19	36	+1	15	-1	46	7	0	0	
LUXOR																			
ASWÂN	350	5	50	00	0	0	—	11.9	-0.7	24			18	-1	24	2	0	0	
SÎWA	90	6	12	00	0	0	—	16.2	+0.6	20	34	+5	13	+1	38	5	0	dr	8
BAHARÎYA	00	0	50	00	1	0	—	15.9	+0.6	19	30	0	13	+1	32	2	0	0	7
FARAFRA	270	1	15	02	0	0	—	16.3		17	32		12		42	4	0	dr	
DAKHLA	320	1	50	00	0	0	—	16.2	+2.2	17	30	-3	15	+1	34	1	0	0	
KHARGA	00	0	15	00	0	0	—	13.4	-1.2	21	30	-3	15	0	41	7	0	0	
SUEZ	310	7	50	00	0	0	—	13.9	-0.5	20	30	+2	15	0	73	15	0	5	15
ṬÛR	310	2	35	02	0	0	—	11.3	-1.2	21	27	0	15	-1	53	11	0	4	13
HURGHÂDA	330	15	30	00	0	0	—	11.3	-1.2	22	24		16		65	15	0	dr	
QUSEIR	320	13	15	02	0	0	—	11.2	-1.2	25	27	0			34	8	0	dr	4
PORT SÛDÂN											29								95
WÂDI HALFA	340	2	50	02	0	0	—	12.3		20	32		14		21	-3	0	dr	
ABU ḤAMAD	280	4	30	02	0	0	—			24	35		17		11	-9	0		
KAREIMA	40	3	30	02	0	0	—	11.4		23	34		16		15	-5	0	dr	1
'ATBARA	20	13	10	07	0	0	—	9.8		25	35		17		15	-4	0	0.3	2
KHARTÛM	350	11	30	02	0	0	—	11.1		25	36		19		12	-7	0	dr	4
KASSALA	340	1	30	02	0	0	—	8.4		27	39		14		28	7	0	3	10
WÂD MEDANI																			13
RENK																			51
ROSEIRES																			49
EL OBEID	230	5	35	02	0	0	—	11.1		25	38		18		19	0	0	0	17
EL FÂSHER											34								6
GENEINA											32								5
MALAKÂL											33								
WÂU	40	4	30	03	1	5	ac, cs	9.6		30	39		21		11	-4	0	70	105
JUBA	180	18	30	03	2	8	ac, Cu	7.9		26	38 32		22		58	17	0	214	198 231

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	83	+16
Ezbeklya	57	+2
Giza	58	+1
Helwân	48	+6

GIZA GRASS MINIMUM TEMP ON 13th 9.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 12th At 15½

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	132	27	23	40	17
950					
900					
850	1523	11	71	50	14
800					
700	3117	2		40	9
600					
500	5240	-17		370	11
400	7367	-31		330	12
300	9341	-47		310	24

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

Station	Minya		Dakhla		Hurghada		Asyut		Farouk		EL Arish		Port Said		Matruh		Siwa		Farouk		Fouad		Port Said		Minya	
Time	14		14		14	15	14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	23	360	10	40	9	320	16	30	35	360	12	40	24	80	12	320	9	50	27	320	17	40	12	10	30
600	350	16	360	11	320	5	340	11	70	30	30	14	40	19	100	8	320	7	50	32	330	18	40	9	30	35
1000	350	25	360	12	330	3	360	7	40	19			40	17	210	3	330	4	50	14	330	11	50	5	30	28
1500	10	20	350	11	160	3	20	10					160	3	320	7	320	5	50	40	350	13	60	5	30	16
2000	70	16			180	3	40	7					50	6			30	6	40	52			50	8	20	5
3000					360	6	10	9									30	24								
4000							20	10									60	16								
5000							340	9									340	14								
6000																	10	17								
7000																	330	23								
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sîdi Barâni		Matrûḥ		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		8		2		7 30				2		8		8						8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			120	10	50	9	30	11	260	29			20	20	280	5	270	2					50	19
600			120	7	80	10	90	10	300	17			20	19	360	2	20	10					60	17
1000			210	3	70	10	70	7	300	23			60	18	50	2	10	9					70	22
1500			360	9	100	12	80	3	280	12					120	4	360	4					120	28
2000			360	16	120	16			280	10					180	1	30	7					70	26
3000			360	20	50	16			320	2					20	3							100	13
4000															330	10							140	9
5000															320	14								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8						4		4		5		4		3		4 30					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	12	30	26					350	12														
600	130	13	30	36					10	21	10	24			350	21	10	4						
1000	140	12	30	34					360	15	40	18	30	21	350	25	10	15	360	7				
1500	150	14	30	36					10	8	60	5	40	13	30	9	360	10	90	2				
2000	160	15																	230	15				
3000	160	17							280	5	270	15	190	5	250	10	210	11	240	9				
4000													260	11					230	13				
5000											280	21			260	13			260	11				
6000													270	17	270	21			280	15				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

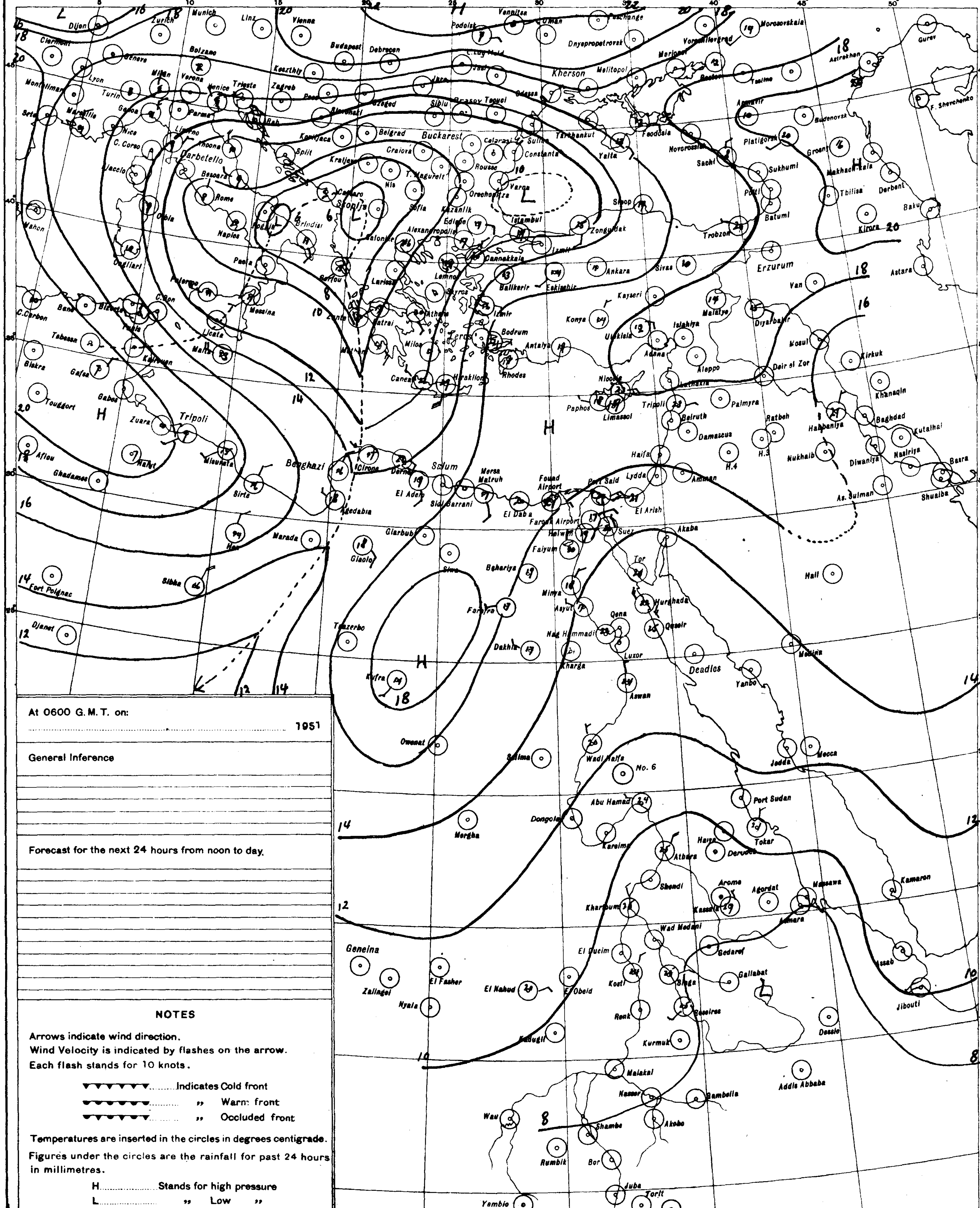
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 13 . 4 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼..........Indicates Cold front
●●●●●●.......... ,, Warm front
▼●▼●▼●.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557)(50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 31 G. M. T.

" " Sunset 16 21 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 14th April, 1951

At 1200 on Friday 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
	62300	SALUM											
Mediterranean	303	SÎDI BARÂNI	100	15	15	03	0	2	Ci		23	44	10
	306	MATRUH	120	12	30	02	0	1	Ci	15.1	26	21	2
	309	EL DABA	40	4	35	00	0	0	—	14.8	23	50	12
		ALEXANDRIA	40	24	50	02	2	2	Cu,Ci	14.6	21	65	14
	318	FOUAD (Airport)	30	13	18	02	0	0	—	14.5	25	47	13
	330	DAMIETTA	40	5	35	00	0	0	—	15.7	22	74	17
	333	PORT SA'ID	20	15	30	02	0	0	—		23	74	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	13	15	02	0	0	—		26	37	10
	342	MANSURA	360	9	35	00	0	0	—	13.0	28	52	17
	348	TANTA								13.9	30	40	15
	354	ZAGAZIG	320	1	50	02	0	0	—	13.6	30	40	15
	440	ISMA'ILIA	20	9	35	02	0	0	—	12.8	30	35	13
Cairo & Suez	366	FAROUK (Airport)	40	15	30	00	0	0	—	12.9	30	22	6
	372	ALMAZA	60	16	18	00	0	0	—	12.0	29	29	9
		EZBEKIYA	40	8	18	00	0	0	—	11.8	30	35	13
		GIZA	40	8	18	00	0	0	—	12.2	31	37	12
	378	HELWAN	360	15	35	00	0	0	—	10.8	31	17	3
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	—	12.0	32	24	9
	387	MINYA	10	8	12	00	0	0	—	11.7	31	28	10
	393	ASYUT MANQABAD	00	0	18	00	0	0	—	10.5	32	22	8
	399	NAG' HAMMADI	00	0	35	00	0	0	—	10.6	34	22	9
	402	QENA	220	2	50	00	0	0	—	9.8	36	13	4
	405	LUXOR	220	8	30	00	0	0	—	9.3	34	14	3
	414	ASWAN	290	5	50	00	0	0	—	9.1	33	8	-5
Oases	417	SIWA	180	1	14	03	0	1	Ci	16.0	32	36	15
	420	BAHARIYA	20	6	35	02	0	0	—	13.1	30	21	5
	423	FARAFRA	360	3	35	02	0	0	—	13.5	30	29	10
	432	DAKHLA	340	4	50	00	0	0	—	11.5	31	12	-1
	435	KHARGA	40	1	15	00	0	0	—	11.4	33	16	4
Red Sea	450	SUEZ	360	4	50	02	0	0	—	10.4	32	20	6
	459	TOR	310	2	35	02	0	0	—	10.0	30		
	462	HURGHADA	10	5	30	00	0	0	—	9.6	25	84	22
	465	QUSEIR	20	13	15	02	0	0	—	9.8	28	45	15
	641	PORT SUDAN	90	11	30	02	0	0	—	8.2	29	62	21
North Sudan	600	WADI HALFA	270	5	50	02	0	0	—	9.1	33	7	-7
	646	ABU HAMAD	140	1	30	01	0	0	—		34	9	-4
	660	KAREIMA	330	3	30	02	0	0	—	7.5	34	5	-10
	680	'ATBARA	290	5	30	02	0	0	—	5.5	35	9	-3
	721	KHARTUM	320	5	30	02	0	0	—	6.0	34	7	-6
	730	KASSALA	70	5	30	02	0	0	—	2.9	39	8	-2
Central Sudan	751	WAD MEDANI											
	801	RENK	230	5	35	01	0	2	Ci	7.0	37	13	5
	802	ROSEIRES											
	771	EL OBEID	320	3	30	02	0	0	—	6.4	33	7	-8
	760	EL FASHER	90	5	30	02	0	0	—		31	7	-9
	770	GENEINA	90	5	30	02	0	0	—		32	7	-9
Equatorial Sudan	840	MALAKAL	290	4	30	01	1	3	Ac,Ci	5.1	37	8	-2
	880	WAU	70	5	30	03	0	1	Cu,Ac	4.2	36	25	13
	941	JUBA											

At 1800 on Friday 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SÎDI BARÂNI												
MATRUH	150	10	15	01	1	2	Ci	17.2	18	78	14	0
EL DABA												
ALEXANDRIA												
FOUAD (Airport)	10	8	12	02	0	0	—	14.4	18	94	17	0
DAMIETTA	340	5	7	00	0	0	—	13.8	20	83	17	0
PORT SA'ID	10	14	30	02	0	1	Ci	11.3	21	83	18	0
EL 'ARISH	20	15	12	00	0	0	—	11.7	23	50	12	0
DAMANHUR	40	9	15	02	0	0	—	14.6	17	77	13	0
MANSURA	360	9	15	00	0	0	—	13.1	19	83	16	0
TANTA	360	2	35	02	1	0	—	13.8	20	73	15	0
ZAGAZIG	320	2	35	02	0	0	—	12.4	21	74	16	0
ISMA'ILIA	20	5	35	02	0	0	—	13.6	23	44	10	0
FAROUK (Airport)	40	11	12	00	0	0	—	13.1	24	47	12	0
ALMAZA	40	10	12	00	0	0	—	12.6	24	54	14	0
EZBEKIYA	360	8	12	00	0	0	—	12.6	23	50	12	0
GIZA	360	8	12	00	0	0	—	13.0	24	47	12	0
HELWAN	360	16	15	00	0	0	—	11.6	25	34	8	0
FAIYUM												
MINYA	00	0	10	00	0	0	—	11.6	21	50	10	0
ASYUT MANQABAD	250	3	10	00	0	0	—	10.8	25	30	6	0
NAG' HAMMADI	00	0	15	01	0	2	Ac	10.0	23	78	19	0
QENA	320	2	7	00	0	0	—	10.4	26	18	0	0
LUXOR	250	3	12	00	0	0	—	9.7	24	18	-2	0
ASWAN	00	0	50	00	0	0	—	9.1	29	9	-7	0
SIWA												
BAHARIYA	360	4	15	02	0	0	—	13.0	26	21	2	0
FARAFRA	00	0	15	02	0	0	—	13.1	26			0
DAKHLA	320	6	50	00	0	0	—	13.5	26	7	-12	0
KHARGA	00	0	15	00	0	0	—	10.8	26	13	-5	0
SUEZ	360	5	35	02	0	0	—	10.4	26	37	10	0
TOR	00	0	15	02	0	0	—	11.1	24	30	5	0
HURGHADA	280	4	12	00	0	0	—	10.1	22	78	18	0
QUSEIR	360	9	15	02	0	0	—	10.2	24	74	19	0
PORT SUDAN	00	0	30	02	0	0	—	9.8	25	79	21	0
WADI HALFA	00	0	50	02	0	0	—	9.1	28	14	-2	0
ABU HAMAD	270	1	50	02	0	0	—		27	15	-2	0
KAREIMA	320	3	30	02	0	0	—	8.6	26	8	-11	0
'ATBARA	340	7	30	02	0	0	—	6.5	30	9	-7	0
KHARTUM	300	7	30	02	0	0	—	7.3	29	10	-6	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	4	30	02	0	0	—	8.3	25	9	-10	0
EL FASHER	40	5	30	02	0	0	—		25	11	-8	0
GENEINA	20	6	30	02	0	0	—		27	14	-3	0
MALAKAL	360	3	30	01	0	0	—	5.8	30	25	8	0
WAU	00	0	30	01	0	0	—	5.4	30	17	2	0
JUBA	130	5	30	01	2	7	Cb,Ac	6.0	30	43	16	0

At 0600 on Saturday 14th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	270	15	12	00	0	8	Ac	14.6		17			10		77	13	0	108	
MATRUH	330	12	12	02	2	7	Ac,Cs	14.4	-0.4	18	26		13		78	14	0	81	
EL DABA																			
ALEXANDRIA	130	5	15	04	0	9	—	12.7	-1.8	19			17	+2	88	17	0	62	182
FOUAD (Airport)	00	0	6	05	4	7	Cs	12.5		19	25		11		94	18	0	63	137
DAMIETTA	40	5	7	03	1	6	Ac	12.7	-1.6	22	22	0	17	+3	74	17	0	Rain	102
PORT SA'ID	60	6	14	03	0	6	—	12.3	-1.1	22	24		20		78	18	0	18	
EL 'ARISH											27	+3							88
DAMANHUR	130	5	15	28	4	1	Ci	13.8	-0.6	20			12	0	83	17	0	35	96
MANSURA	360	5	35	00	0	0	—	12.3	-2.4	20	30	+3	15	+3	83	17	0	31	49
TANTA	40	2	35	03	2	6	Cu,Sc	12.6	-2.2	19	30	+2	12	+1	83	16	0	23	37
ZAGAZIG	140	1	35	02	0	0	—	12.2	-2.4	19	32	+4	14	+3	83	16	0	Rain	25
ISMA'ILIA	290	2	35	01	2	7	Ac	12.0		22	32		15		85	15	0	17	
FAROUK (Airport)	320	4	10	02	2	6	Cs	13.0		18	31		13		73	13	0	Rain	
ALMAZA	350	1	8	05	1	3	Cb	12.0	-2.7	18	30		13		83	15	0	12	
EZBEKIYA	350	6	12	02	1	7	Ci	12.2	-2.5	19	31	+2	14	+1	78	15	0	11	23
GIZA	350	6	12	02	1	7	Ci	12.7	-2.1	16	31	+3	14	+3	95	16	0	11	23
HELWAN	00	0	3	05	1		Cc	11.5	-2.8	18	32	+4	15	+1	83	15	0	12	26
FAIYUM	00	0	35	02	0	0	—	12.7	-1.9	19			15	+2	83	16	0	8	8
MINYA	00	0	10	03	0	1	Ci	11.8	-2.2	20	32		13		78	16	0	3	
ASYUT MANQABAD	270	3	8	01	0	0	—	12.1	-1.7	20	32		12		73	15	0	dr.	
NAG' HAMMADI	00	0	15	01	0	2	—	11.9	-1.2	25	35	+4	14	+1	42	11	0	0.1	
QENA	300	2	15	00	0	0	—	11.6	-1.2	23	37	+2	18	+2	32	5	0	0	
LUXOR	00	0	30	00	0	0	—			26	36		15		23	3	0	0	
ASWAN											35	0							
SIWA																			8
BAHARIYA	00	0	35	02	1	3	Ci	13.4	-1.8	24	31	+1	13	+1	38	9	0	0	7
FARAFRA	00	0	35	01	1	1	Ac			22	30		10		36	6	0	dr.	
DAKHLA	00	0	50	00	0	0	—	13.0	-0.9	20	31	-2	13	-1	24	-1	0	0	
KHARGA	00	0	35	01	0	0	—	12.6	-0.9	22	34	+1	13	-2	29	3	0	0	
SUEZ	360	4	50	00	0	0	—	12.0	-2.3	22	34	+6	16	+1	50	11	0	5	15
TOR	290	2	35	02	0	0	—	11.6	-0.8	23	31	+3	18	+2	38	8	0	4	13
HURGHADA	320	5	30	00	0	0	—	10.7	-1.7	24	26		17		54	14	0	dr.	
QUSEIR	330	5	15	02	0	0	—	11.1	-1.3	25	28	0	15	-5	28	5	0	dr.	4
PORT SUDAN	360	1	30	02	0	0	—	10.5		29	30		18		35	12	0	152	95
WADI HALFA	340	2	50	02	0	1	Ci	12.1		21	34		15		18	-4	0	dr.	
ABU HAMAD											35								
KAREIMA											35								1
'ATBARA	340	9	30	02	0	0	—	9.4		26	36		17		7	-12	0	0.3	2
KHARTUM	350	9	30	02	0	0	—	9.7		25	36		15		16	-3	0	dr.	4
KASSALA	30	1	30	02	0	0	—	9.1		26	40		12		21	2	0	3	10
WAD MEDANI																			13
RENK																			52
ROSEIRES																			45
EL OBEID	360	9	30	03	0	1	Ac	10.8		24	35		18		47	12	0	7	17
EL FASHER	340	2	30	02	0	1	Ci			17	33		9		16	-9	0	6	6
GENEINA	70	2	30	02	0	0	—			21	34		14				0		5
MALAKAL	20	4	30	03	2	7	Ac,Ci	8.3		28	38		23		13	-3	0	70	106
WAU											38								200
JUBA	180	13	30	01	2	7	Ac	8.7		27	36		21		62	19	0	214	235

UPPER AIR OBSERVATIONS

HUMIDITY % Mean of day

STATION	on 13th	Diff. from normal
Alexandria	73	+6
Ezbekiya	60	+5
Giza	63	+6
Helwan	46	+5

GIZA GRASS MINIMUM TEMP. ON 14th 11.7°C.

Remarks

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

	FAROUK AIRPORT On 13th At 15h					On ... At ... AIRPORT					On ... At ... AIRPORT				
Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	32	22	30	16	1000						1000					
950						950						950					
900						900						900					
850	1516	16	39	10	14	850						850					
800						800						800					
700	3134	6	21	130	10	700						700					
600						600						600					
500	5719	-14		110	17	500						500					
400	7438	-28		360	20	400						400					
300	9432	-45		330	31	300						300					

UPPER WIND OBSERVATIONS on 13th

Station	Farouk		Minya		Port Said		El Arish		Matruh		Asyut		Fouad		Dakhla		Siwa		S. Barrani				Fouad		Farouk	
Time	15		14		14		13	30	14		14		14		14		14		14				20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	13	10	6	60	17	20	21	100	8	320	6	40	13	320	13	170	2	120	17			30	13	30	15
600	330	12	350	9	60	17	30	17	280	3	340	6	40	17	320	14	110	3	130	12			40	11	60	26
1000	330	10	310	8	60	15	50	16	300	9	330	6	80	16			210	2	160	12			80	12	60	36
1500	10	14	360	7	70	11	80	12	290	5	320	7	80	12			10	3							80	16
2000	30	11			110	5			340	19	120	2	120	7			350	7							90	18
3000	130	10							40	5	110	8														
4000									350	10	320	10														
5000	170	8							350	29	330	16														
6000	60										330	18														
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabad		Luxor		Aswân		Hurghada			
Time							2						3								8 30			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							80	17					40	12							320	16		
600							90	14					40	9							10	8		
1000							110	9					40	13							60	2		
1500							140	5					20	10							360	13		
2000							150	7					120	7										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4				4		4		4 30					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									350	9														
600									10	20	20	20			350	19	40	3						
1000									350	10	30	23			10	19	10	11	10	26				
1500									360	11	30	14			20	3	10	16	330	7				
2000																			290	4				
3000											300	9			260	17			290	13				
4000											280	17							260	19				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

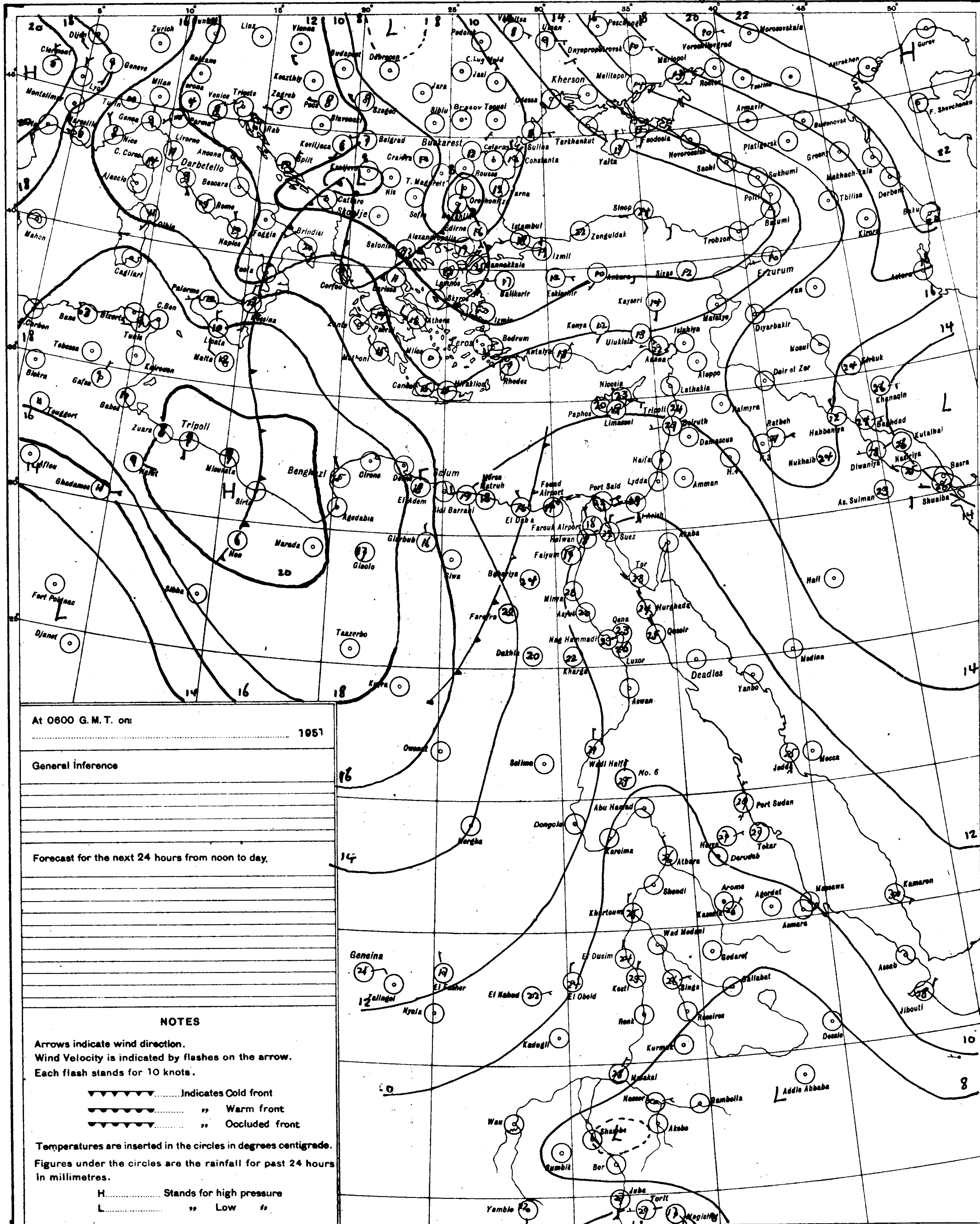
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 14/4/1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
▲▲▲▲▲▲▲ .... ,, Warm front
▼▲▼▲▼▲▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

S of E 1949(43/587) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	○
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	⌠
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	==
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(ꓘ)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	▽]
	,, ,, hail	27	▽]
	Fog	28	≡]
	Thunderstorm	29	ꓘ]
Duststorm or Sandstorm		31	S
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	▽
,, ,, hail		87	▽
Rain	Thunderstorm during	91	ꓘ]•
Hail	the past hour	93	ꓘ]△
Thunderstorm with rain		95	ꓘ
,, ,, hail		96	ꓘ
,, ,, Sandstorm		98	ꓘ

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	ꓘ

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 03 29 G. M. T.
" " Sunset 16 21 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date : Sunday 15th April, 1951

At 1200 on Saturday 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
	62990	SALUM											
	303	SÎDI BARÂNI	330	15	14	01	2	5	—	15.3	23	41	9
	306	MATRÛH	320	11	8	02	2	7	ac	14.3	19	68	13
	329	EL DABA	320	13	15	03	2	6	sc	14.4	20	83	17
		ALEXANDRIA	360	17	50	01	1	7	cu, ac	13.1	20	88	18
	318	FOUAD (Airport)	360	12	18	02	2	7	ac, cs	12.7	22	74	17
	330	DAMIETTA	340	9	7	02	1	7	—	11.9	27	62	19
	333	PORT SAÎD	10	9	30	03	1	4	ci	11.7	25	74	20
	336	EL 'ARISH											
	339	DAMANHUR	40	9	15	02	2	7	cs	13.0	25	47	13
	342	MANSURA	360	9	35	03	1	6	cs	10.6	33	30	13
	348	TANTA	310	13	35	03	2	8	ac	11.8	29?	40	14
	354	ZAGAZIG	320	2	50	02	0	0	—	11.4	34	32	15
	360	ISMAÎLIA	160	2	35	03	2	8	ci	10.6	36	17	7
	366	FAROUK (Airport)	270	10	18	03	2	7	ac, cs	11.2	31	31	12
	372	ALMAZA	340	11	14	03	0	5	ci	10.7	31	38	15
		EZBEKIYA	310	8	18	02	1	5	cu	10.6	31	38	15
		GÎZA	310	8	18	02	1	5	cu	11.1	32	34	14
	378	HELWÂN	290	13	35	03	1	7	—	10.3	31	28	10
	381	FAIYÛM	00	0	35	03	2	6	ci	12.0	31	28	10
	387	MINYA	210	5	12	02	1	7	cs	10.2	36	17	7
	395	ASYÛT MANQABÂD	00	0	30	00	0	0	—	9.4	34	20	8
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	10.4	30		
	402	QENA	180	2	50	00	0	0	—	9.1	37	11	2
	405	LUXOR	270	4	30	00	0	0	—	8.5	36	8	-4
	414	ASWÂN	260	3	50	00	0	0	—	8.1	35	11	0
	417	SÎWA	320	3	12	03	2	6	ac, ci	14.2	32	38	16
	420	BAHARÎYA	360	3	35	03	2	4	cs	11.5	32	20	6
	423	FARAFRA	00	0	35	01	1	2	ac	13.9	31	16	2
	432	DAKHLA	320	4	50	00	0	0	—	11.1	34	22	9
	435	KHARGA	00	0	35	00	0	0	—	10.2	35	15	5
	450	SUEZ	180	3	50	03	0	6	sc	10.2	31	22	7
	453	TÛR	180	2	35	02	0	0	—	10.6	28	52	17
	462	HURGHADA	70	10	30	00	0	0	—	11.2	28	70	22
	465	QUSEIR	40	9	15	02	0	0	—	11.2	26	74	21
	641	PORT SUDÂN	70	17	30	02	0	0	—	8.5	30	55	20
	600	WÂDI HALFA	290	2	50	02	0	0	—	8.3	35	12	1
	640	ABU HAMAD	120	1	30	02	0	0	—		36	11	1
	660	KAREIMA	260	5	50	02	0	0	—	6.8	35	4	-12
	689	'ATBARA	360	2	30	02	0	0	—	5.0	36	5	-10
	721	KHARTÛM	140	3	50	02	0	0	—	5.9	35	7	-7
	753	KASSALA	40	2	30	02	0	0	—	2.4	39	8	-1
	751	WÂD MEDANI	50	9	35	02	0	0	—	3.6	38	4	-11
	801	RENK											
	802	ROSEIRES	270	5	35	02	0	0	—	4.8	37	10	0
	771	EL OBEID	360	7	30	03	0	1	ci	5.2	35	4	-13
	760	EL FÂSHER	40	4	30	01	0	0	—		32	9	-5
	770	GENEINA											
	840	MALAKÂL	50	5	30	03	2	6	—	3.7	38	5	-9
	880	WÂU	10	3	30	01	1	0	—	2.8	38	11	2
	941	JUBA	130	5	50	17	2	7	ci	3.5	34	36	17

At 1800 on Saturday 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM												
SÎDI BARÂNI	340	18	12	02	2	7	sc, as	15.8	16	77	12	0
MATRÛH	320	18	10	01	2	6	sc, cs	15.4	17	72	12	0
EL DABA	320	10	7	03	2	8	cs	14.0	17	77	13	0
ALEXANDRIA	360	16	35	01	2	7	cs	12.6	19	83	16	0
FOUAD (Airport)	320	9	12	02	2	7	cs	13.3	19	64	12	0
DAMIETTA	320	9		02	2	7	ac	11.9	22	74	17	0
PORT SAÎD	10	10	15	03	2	8	cs	10.2	22	78	18	0
EL 'ARISH												
DAMANHUR	360	9	7	02	1	6	cs	13.5	19	83	16	0
MANSURA	360	9	7	03	1	7	cs	11.9	21	53	11	0
TANTA	40	2	35	03	2	8	ac		21	74	16	0
ZAGAZIG	320	1	35	02	1	0	—		20	83	17	0
ISMAÎLIA	360	5	35	02	2	8	as	11.8	25	42	11	0
FAROUK (Airport)	320	6	12	00	0	8	ac, cs	12.7	24	47	12	0
ALMAZA	40	6	12	02	2	8	ac	12.5	24	54	14	0
EZBEKIYA	360	2	12	02	1	8	ac, cs	12.6	24	54	14	0
GÎZA	360	2	12	02	1	8	ac, cs	12.6	24	54	14	0
HELWÂN	360	12	7	02	0	8	cs	11.4	26	18	0	0
FAIYÛM	00	0	35	01	0	0	—	12.0	26			0
MINYA	30	2	8	01	2	5	ci	10.7	25	45	12	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	9.7	27	35	10	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.1	24	54	14	0
QENA	270	2	7	00	0	0	—	9.9	27	27	6	0
LUXOR	00	0	12	00	0	0	—	8.5	27	27	6	0
ASWÂN	00	0	50	00	0	0	—	9.2	29	23	6	0
SÎWA												
BAHARÎYA	360	3	15	01	2	3	ac	12.2	25	28	5	0
FARAFRA	00	0	15	01	0	0	—	12.6	26	18	0	0
DAKHLA	320	8	50	00	0	0	—	12.4	27	15	-2	0
KHARGA	00	0	15	00	0	0	—	10.6	27	9	-8	0
SUEZ	00	0	35	01	0	0	—	10.8	26	37	10	0
TÛR	00	0		00	0	0	—	9.9	24	47	12	0
HURGHADA	230	2	12	00	0	0	—	9.4	22	69	16	0
QUSEIR	20	5	15	02	0	0	—	9.8	24	84	21	0
PORT SUDÂN	50	1	10	02	0	0	—	10.8	26	79	22	0
WÂDI HALFA	330	2	50	02	0	0	—	8.5	28	14	-2	0
ABU HAMAD	240	1	30	02	0	0	—		30	12	-2	0
KAREIMA	320	7	30	02	0	0	—		28	33	10	0
'ATBARA	340	5	30	02	0	0	—	6.3	30	11	-4	0
KHARTÛM	110	3	30	02	0	0	—	6.7	30	14	0	0
KASSALA	340	3	30	02	0	0	—	5.4	30			0
WÂD MEDANI												
RENK												
ROSEIRES	10	7	30	01	0	0	—	7.5			-7	0
EL OBEID	30	6	30	02	0	0	—		26	27	5	0
EL FÂSHER												
GENEINA												
MALAKÂL	20	3	30	01	1	2	ci	4.2	31	16	2	0
WÂU	00	0	30	02	0	0	—	3.2	32	18	5	0
JUBA			30	12	1	9	cb, ac	5.8	28	58	19	0

At 0600 on Sunday 15th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	340	13	14	00	0	0	—	16.5		17	24		15		64	10	0	108	
MATRÛH	310	16	13	02	2	7	sc, cs	16.6	+1.8	18	21		15		52	8	0	51	
EL DABA	360	8	15	02	2	5	sc, cu	15.1		18	21		15		60	10	0	54	
ALEXANDRIA	360	22	50	03	2	7	cu, sc	14.0	-0.4	18	22	-2	17	+2	73	13	0	62	182
FOUAD (Airport)	340	13	18	02	2	6	sc, ac	13.7		20	23		17		78	16	0	63	137
DAMIETTA	340	13		02	2	7	sc	12.7	-1.6	19	30	+7	18	+4	88	17	0	Rain	102
PORT SAÎD	340	19	14	02	2	7	sc, cs	12.4	-1.0	20	26		20		88	18	0	18	
EL 'ARISH	320	5	35	03	2	6	cu	13.0	-0.9	23					65	16	0	Rain	88
DAMANHUR	40	13	7	02	1	3	as	13.8	-0.6	20	26	-1	16	+4	73	15	0	35	96
MANSURA	320	9	35	03	1	6	ac	12.6	-2.1	19	36	+9	17	+5	83	16	0	31	49
TANTA	310	8	35	03	2	7	cu, sc	13.1	-1.6	20	33	+5	15	+4	73	15	0	23	37
ZAGAZIG	220	2	15	03	1	5	ac	12.4	-2.2	19	35	+7	16	+5	88	17	0	Rain	26
ISMAÎLIA	290	2	35	03	2	8	ac	13.0		21	36		18		74	16	0	17	
FAROUK (Airport)	20	9	12	02	2	7	sc, ac	13.9		19	33		16		83	16	0	Rain	
ALMAZA	40	12	15	07	2	7	sc, cs	13.2	-1.4	18	31		16		88	16	0	12	
EZBEKIYA	360	2	12	02	1	6	cu	13.5	-1.1	19	32	+2	17	+3	83	16	0	11	23
GÎZA	360	2	12	02	1	6	cu	13.4	-1.3	19	33	+5	16	+5	83	16	0	11	23
HELWÂN	360	13	7	01	2	7	cc	12.7	-1.5	19	32	+4	16	+2	73	14	0	12	26
FAIYÛM	360	2	35	03	2	6	ci	12.7	-1.9	19	32	+2	16	+3	73	14	0	8	8
MINYA	10	15	10	02	1	7	cs	11.5	-2.5	19	36		16		83	16	0	3	
ASYÛT MANQABÂD	320	4	8	01	0	5	—	11.2	-2.5	21	34		17		61	13	0	dr.	
NAG' HAMMÂDI	00	0	15	01	0	3	as	10.2	-2.8	26	36	+4	15	+2	42	12	0	0.1	
QENA	130	2	15	00	0	0	—	11.1	-1.6	24	38	+3	16	0	32	6	0	0	
LUXOR	40	3	30	00	0	0	—	10.4	-2.4	24	38		16		15	-5	0	0	
ASWÂN	00	0	50	00	0	0	—	10.8	-1.6	27	36	+1	20	-1	40	12	0	0	
SÎWA																			8
BAHARÎYA	360	5	35	02	2	7	ac	14.2	-0.9	18	34	+4	15	+3	83	15	0	0	7
FARAFRA	360	3	35	03	2	8	ac	15.8		18	32		18		73	13	0	dr.	
DAKHLA	320	3	50	01	1	2	ci	11.9	-1.9	19	34	+1	16	+2	30	1	0	0	
KHARGA	00	0	35	03	1	2	cc	10.6	-2.9	22	35	+2	16	+1	36	6	0	0	
SUEZ											33	+5							15
TÛR	200	2	35	02	0	0	—	11.5	-0.9	23	30	+2			74	18	0	4	13
HURGHADA	310	5	18	00	0	0	—	10.1	-2.3	23	29		16	0	84	20	0	dr.	
QUSEIR	360	5	15	02	0	0	—	10.8	-1.5	26	29	+1	20	0	37	10	0	dr.	4
PORT SUDÂN	20	2	30	02	0	0	—	10.5		29	33		20		43	15	0	152	95
WÂDI HALFA											36								
ABU HAMAD	350	1	30	02	0	0	—			28	37		17		18	1	0		
KAREIMA	20	4	50	02	0	0	—	9.8		24	36		18		16	-4	0	dr.	1
'ATBARA	20	5	30	02	0	0	—	8.4		27	37		18		13	-4	0	0.3	2
KHARTÛM	340	6	30	02	0	0	—	8.3		27	37		15		12	-5	0	dr.	4
KASSALA	220	2	30	02	0	0	—	6.7		27	40		17		25	5	0	3	10
WÂD MEDANI																			13
RENK																			52
ROSEIRES	270	5	35	02	0	0	—	9.0		28	39		18		19	2	0	0	45
EL OBEID	350	9	30	03	0	1	ci	9.8		25	36		17		9	-10	0	7	17
EL FÂSHER	20	3	50	03	0	1	ci			16	34		9		17	-9	0	6	6
GENEINA	50	9	30	02	0	0	—			19	35		12		10	-13	0		5
MALAKÂL	120	11	30	04	1	5	ac, ci	3.6		27	40		21		8	-10	0	70	107
WÂU	160	30	30	02	2	8	cs	8.2		27	41		21		33	9	0	145	202
JUBA											37								239

HUMIDITY %

Mean of day

STATION	on 14th	Diff. from normal
Alexandria	86	+19
Fayoum	63	+9
Giza	71	+15
Helwan	49	+8

GÎZA

GRASS MINIMUM TEMP. on 15th 14.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Station	Siwa		Dakhla		Minya		Asyut		Port Said		El Arish		Hurghada		S. Barrani				Menga		Fouad		Farouk		Port Said	
Time	14		14		14		14		14		13	30	14	30	14				20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	16	360	5	290	6	310	14	330	7	10	18	40	3	340	21			10	24	320	20	30	16	350	12
600	270	13	350	4	280	4	200	11	270	8	20	15	100	10	340	24			20	23	320	11	40	26	360	27
1000	270	9	320	3	250	2	300	10	100	3	360	3	80	5	340	21			30	16	320	14	40	31	80	8
1500	260	7	320	3	220	4	200	9	230	4	180	3	90	6	290	14			240	3	320	3	40	33	300	6
2000	210	9	40	9	190	6	190	9	220	8	190	8									330	9			260	8
3000	260	19			110	20	100	12	180	7																
4000	230	22																								
5000	240	29																								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time							3						2										2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							340	21					30	13									330	21
600							320	9					40	17									330	24
1000							30	3					30	8									340	26
1500							140	6					10	4										
2000													220	8										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4				3		4 45					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									10	8														
600									360	15	90	21	30	21			90	9						
1000									340	11	100	19	40	21			50	12	360	21				
1500									60	4	70	12	30	13			20	12	340	3				
2000									190	9														
3000									170	8	270	10					110	7	230	15				
																			90	17				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

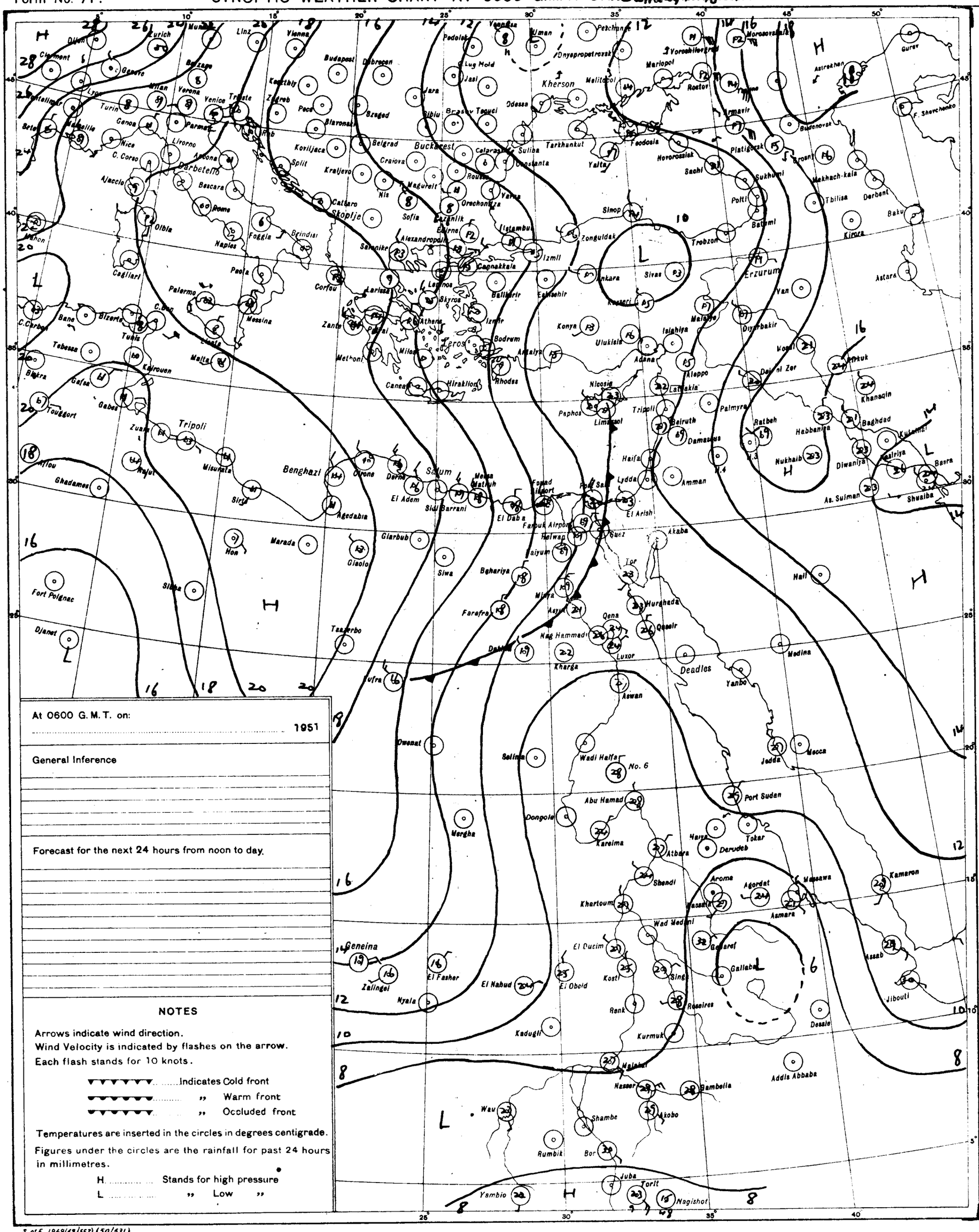
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 15-4-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 28 G.M.T.

" " Sunset 16 22 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 16th April, 1951

At 1200 on Sunday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SÎDI BARÂNI	330	14	15	01	0	1	Cu,Sc	16.9	19	64	12
	306	MATRÛH	360	16	15	02	2	5	Cu,Sc	16.6	19	49	8
	309	EL DABÂ	320	5	35	02	2	5	Sc,Cu	13.9	20	56	11
		ALEXANDRIA	360	22	50	02	2	7	Cu,Sc	14.4	20	64	13
	318	FOUAD (Airport)	340	14	18	03	2	8	Sc	14.1	20	69	14
	330	DAMIETTA	340	13	7	02	2	7	Sc	13.5	20	88	18
	333	PORT SA'ÎD	340	19	18	02	2	7	Cu,Sc	11.4	21	83	18
	336	EL 'ARISH	320	7	18	03	2	7	Cb	10.5	23	65	16
Lower Egypt	339	DAMANHUR	20	13	15	02	1	7	As	14.6	21	65	14
	342	MANSURA	320	19	15	03	1	8	Cs	13.3	24	54	14
	348	TANTA	310	8	35	03	2	8	Ac	13.4	24	54	14
	354	ZAGAZIG	40	2	35	01	1	4	Ac	12.7	28	52	17
	440	ISMAÎLÎA	360	9	35	02	2	8	Ac	11.9	27	52	16
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	40	13	15	02	2	7	Cs	12.4	26	40	12
		EZBEKÎYA	360	12	18	02	1	8	Cs				
		GÎZA	360	12	18	02	1	8	Cs	12.7	25	54	15
	378	HELWÂN	320	13	15	03	2	8	Cs	11.8	26	42	12
Upper Egypt	381	FAIYÛM	360	5	35	03	2	8	Ci	12.4	26	42	12
	387	MINYA	360	16	12	02	2	7	Ci	10.9	28	45	15
	393	ASYÛT MANQABÂD	320	6	12	02	2	7	Cs	9.9	31	38	15
	399	NAG' HAMMÂDI	00	0	35	02	0	5	Ac	8.0	36	29	15
	402	QENA	40	2	50	03	1	4	As	7.9	37	11	2
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	5.8	37	11	2
Oases	417	SÎWA	10	8	14	00	0	0	—	17.4	26	23	3
	420	BAHARÎYA	360	3	35	01	1	4	Ac	13.0	28	33	10
	423	FARAFRA											
	432	DAKHLA	340	6	50	01	1	1	Ci	10.7	32	20	6
	436	KHARGA	360	2	15	03	1	7	Ac	8.6	35	19	8
Red Sea	450	SUEZ	310	8	50	02	0	5	Sc	10.8	29	35	12
	459	TÛR											
	462	HURGHÂDA	30	6	30	02	1	3	Ci	8.8	26	79	22
	465	QUSEIR	90	9	15	02	0	0	—	8.9	26	74	21
	641	PORT SUDÂN	00	0	30	02	0	0	—	7.0	30	46	17
North Sudan	600	WÂDI HALFA	160	4	50	02	0	0	—	6.1	37	10	0
	640	ABU HAMAD	90	1	30	02	0	0	—		37	8	-3
	660	KAREIMA	90	1	30	02	0	0	—	4.3	37	7	-5
	680	'ATBARA	340	9	30	03	0	1	Ci	2.4	38	4	-10
	721	KHARTÛM	270	4	30	02	0	1	Ci	3.3	37	4	-11
	730	KASSALA	270	3	30	02	0	0	—	0.3	41	7	-1
Central Sudan	751	WÂD MEDANI	360	9	35	02	1	3	Ci	2.2	38	6	-7
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	10	6	30	03	0	2	Cs	3.4	35	7	-7
	760	EL FÂSHER	10	5	30	02	0	1	Ci		33	5	-13
	770	GENEINA	50	13	30	02	0	0	—		35	3	-17
S. Sudan	840	MALAKÂL	20	7	30	03	1	8	Ac,Cs	2.6	39	7	-4
	880	WÂU	50	3	30	01	1	6	Cs	3.0	38	11	3
	941	JUBA	90	5	30	03	2	8	Cu,Cs	2.0	37	27	15

At 1800 on Sunday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM												
SÎDI BARÂNI	320	17	13	03	1	4	Cu,Sc	17.2			14	0
MATRÛH	310	12	14	02	1	5	Sc,Cu	16.9	17	64	10	0
EL DABÂ	360	5	15	01	1	3	Cu	16.2	16	59	8	0
ALEXANDRIA	360	16	35	01	2	4	Cu	15.8	18	60	10	0
FOUAD (Airport)	330	8	12	01	1	6	Sc	15.6	17	68	11	0
DAMIETTA	320	9		02	2	7	Sc	15.2	18	83	15	0
PORT SA'ÎD	10	11	14	03	2	8	Sc,Ac	13.3	19	83	16	0
EL 'ARISH												
DAMANHUR	40	9	15	02	1	4	As	15.8	17	68	11	0
MANSURA	360	5	15	00	1	0	—	15.0	18	73	13	0
TANTA	360	2	35	01	2	3	Cu,Sc	15.5	18	83	15	0
ZAGAZIG	320	2	35	03	1	6	Ci	14.6	18	88	16	0
ISMAÎLÎA	360	9	35	01	1	5	Ci	14.2	20	73	15	0
FAROUK (Airport)												
ALMÂZA	60	15	12	01	2	5	As	14.3	20	69	14	0
EZBEKÎYA	360	10	12	02	1	6	Ac	14.3	20	69	14	0
GÎZA	360	10	12	02	1	6	Ac	14.4	19	73	14	0
HELWÂN	360	16	7	01	2	4	Ac	13.8	20	64	13	0
FAIYÛM	360	2	35	01	0	1	Sc,Ci	14.0	21	65	14	0
MINYA	350	12	10	01	2	1	Ci	11.9	21	65	14	0
ASYÛT MANQABÂD	310	5	10	02	1	5	Ac	9.1	23	61	15	0
NAG' HAMMÂDI	00	0	15	01	0	3	Ci	7.5	28	40	13	0
QENA	200	2	7	02	0	4	As	7.7	28	33	10	0
LUXOR	00	0	12	03	2	4	Cs	6.2	30	16	1	0
ASWÂN	00	0	50	00	0	0	—	5.9	33	12	0	0
SÎWA												
BAHARÎYA	360	3	15	02	1	0	—	14.2	22	50	11	0
FARAFRA												
DAKHLA	320	5	50	00	0	0	—	11.1	27	20	2	0
KHARGA	360	6	14	01	0	0	—	8.0	30	16	1	0
SUEZ												
TÛR												
HURGHÂDA	90	5	15	02	0	0	—	9.3	25	61	17	0
QUSEIR	00	0	30	02	0	0	—	8.3	27	70	21	0
WÂDI HALFA	310	3	18	02	0	0	—	6.8	29	13	-2	0
ABU HAMAD	00	0	30	02	0	0	—		30	16	1	0
KAREIMA	330	8	30	02	0	0	—	4.9	30	7	-9	0
'ATBARA	340	5	10	05	0	0	—	4.1	30	21	5	0
KHARTÛM	290	5	30	02	0	0	—	5.5	30	6	-11	0
KASSALA	00	0	30	02	0	0	—	4.2	25	28	5	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	360	4	30	02	0	0	—	7.8	28	10	-7	0
EL FÂSHER	20	7	30	01	0	0	—		24	7	-15	0
GENEINA	30	7	30	02	0	0	—		28	10	-7	0
MALAKÂL	200	1	30	02	2	8	CS	3.2	31	21	6	0
WÂU	00	0	30	02	0	0	—	3.4	31	19	5	0
JUBA	00	0	30	02	2	8	CS	3.2	31	38	15	0

At 0600 on Monday 16th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI	310	15	14	00	0	6	Sc	17.0		17	19		15		72	12	0	108	
MATRÛH	20	10	14	02	1	5	Sc	17.6	+2.9	17	20		14		56	8	0	51	
EL DABÂ	360	6	15	03	2	6	Sc	16.1		18	21		15		52	8	0	54	
ALEXANDRIA	360	13	50	02	2	4	Cu	16.0	+1.6	17	20	-4	16	+1	60	9	0	62	182
FOUAD (Airport)	340	12	18	01	2	4	Sc	16.0		18	21		16		60	10	0	63	138
DAMIETTA	340	5	7	02	1	6	Cu	15.0	+0.7	18	21	-2	16	+2	83	15	0	Rain	102
PORT SA'ÎD	340	11	15	03	0	6	Sc	13.3	-0.1	19	22		18		73	14	0	18	
EL 'ARISH																			89
DAMANHUR	40	13	7	02	1	2	Cu	15.3	+1.0	19	22	-5	12	0	64	12	0	35	96
MANSURA	360	5	35	00	0	0	—	14.6	0.0	18	25	-3	13	+1	73	13	0	31	50
TANTA	360	5	35	02	0	0	—	15.0	+0.4	19	24	-4	11	0	64	12	0	23	37
ZAGAZIG	320	1	35	03	1	4	Ac	14.7	+0.1	17	29	+1	12	0	77	13	0	Rain	26
ISMAÎLÎA	340	9	35	03	1	4	Sc,Cu	14.6		20	28		15		64	13	0	17	
FAROUK (Airport)	40	13	12	01	2	3	Sc	15.4		16			13		77	12	0	Rain	
ALMÂZA	50	13	11	01	2	5	Sc	14.9	+0.3	17	26		13		68	11	0	12	
EZBEKÎYA	360	14	12	02	1	6	Cu	14.8	+0.2	18	26	-3	14	0	73	13	0	11	24
GÎZA	360	14	12	02	1	6	Cu	15.2	+0.6	18	26	-2	13	+2	73	13	0	11	23
HELWÂN	360	10	7	03	2	6	Cu	14.8	+0.7	17	26	-3	15	+1	68	11	0	12	26
FAIYÛM	00	0	35	01	0	0	—	15.2	+0.7	17	28	-2	14	+1	68	11	0	8	8
MINYA	360		12	00	0	0	—	13.1	-0.8	18	28		14		78	14	0	3	
ASYÛT MANQABÂD	330	8	8	01	0	2	Sc	12.8	-0.9	17	32		14		88	15	0	dr.	
NAG' HAMMÂDI											38	+6							
QENA	240	2	15	00	0	0	—	10.0	-2.6	22	38	+3	19	+3	44	9	0	0	
LUXOR	200	4	30	00	0	0	—	8.5	-4.2	25	39		18		45	12	0	0	
ASWÂN											38	+2							
SÎWA	30	2	12	00	0	0	—	19.0	+3.6	15			10	-2	68	9	0	dr.	8
BAHARÎYA	360	6	35	02	0	0	—	16.4	+1.4	16	28	-3	12	-1	68	10	0	0	7
FARAFRA																			
DAKHLA	340	11	35	00	0	0	—	14.2	+0.4	19	33	-1	17	+2	52	9	0	0	
KHARGA	360	6	7	00	0	0	—	10.8	-2.5	21	36	+3	12	-4	57	12	0	0	
SUEZ																			15
TÛR																			13
HURGHADA	330	23	30	00	0	0	—	8.7	-3.6	22			21		78	18	0	dr.	
QUSEIR	330	9	15	02	0	0	—	9.0	-3.2	25	29	+1	21	+1	47	13	0	dr.	4
PORT SUDÂN											32								95
WÂDI HALFA											38								
ABU HAMAD											38								
KAREIMA											38								1
'ATBARA											39								2
KHARTÛM											38								4
KASSALA											42								10
WÂD MEDANI																			13
RENK																			52
ROSEIRES																			46
EL OBEID	350	8	30	03	1	8	CS	7.6		25	36		16		12	-7	0	7	17
EL FÂSHER											35								6
GENEINA											36								5
MALAKÂL											40								108
WÂU	00	0	10	04	2	8	CS	8.2		30	39		18		21	5	0	145	204
JUBA	180	9	50	01	2	8	Ac,Cs	7.5		29	37				52	18	0	214	243

HUMIDITY %

Mean of day

Station	on 15th	Diff. from normal
Alexandria	70	+3
Ezbekîya	71	+17
Gîza	72	+16
Helwân	66	+25

GÎZA

GRASS MINIMUM TEMP ON 16th 11.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
Farouk Airport — On 15th At 15h.					
1000	114	23	61	360	10
950					
900					
850	1508	16	34	360	4
800					
700	3108	2	55	190	12
600					
500	5716	-18	95	210	30
400	7343	-31	95	210	17
300	9312	-48	93	180	36
Airport — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
Helwan Obs. Airport — On 15th At 9½					
1000	159	24	50	330	6
950					
900					
850	1560	18	46	160	10
800					
700	3183	4	44	190	12
600	4963	-4	42		
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Height m.	Siwa Dir.	Siwa Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Farouk Dir.	Farouk Vel.	Hurghada Dir.	Hurghada Vel.	Matruh Dir.	Matruh Vel.	Dakhla Dir.	Dakhla Vel.	Fouad Dir.	Fouad Vel.	S. Barbari Dir.	S. Barbari Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		13 30		14		14		15		14 30		14		14		14		14		20		20	
300	340	10	330	9	310	15	360	22	330	22	360	11	140	10	330	37	350		360	9	340	19	360	33	340	18
600	350	6	310	7	350	18	360	33	340	21	360	16	140	11	320	49	350		360	7	330	20	10	50	360	14
1000	340	6	330	13	10	13	340	17	350	20	360	15	130	13	330	22					330	16	360	22	110	10
1500	340	12	340	12	20	10	290	10	340	10	360	4	20	5	320	37					330	17			120	15
2000	320	11	190	3	220	9	280	9	300	5	250	13	270	3											150	8
3000	310	10	310	6			240	6	190	11	190	12														
4000	300	7							200	12																
5000	280	11							220		200	11														
6000	270	20									220															
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time			4				2						3										2	
300			340	13			360	13					350	14									10	16
600			350	9			360	14					350	35									20	19
1000							20	12					360	13									20	19
1500							40	7															30	17
2000							90	5																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time																								
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

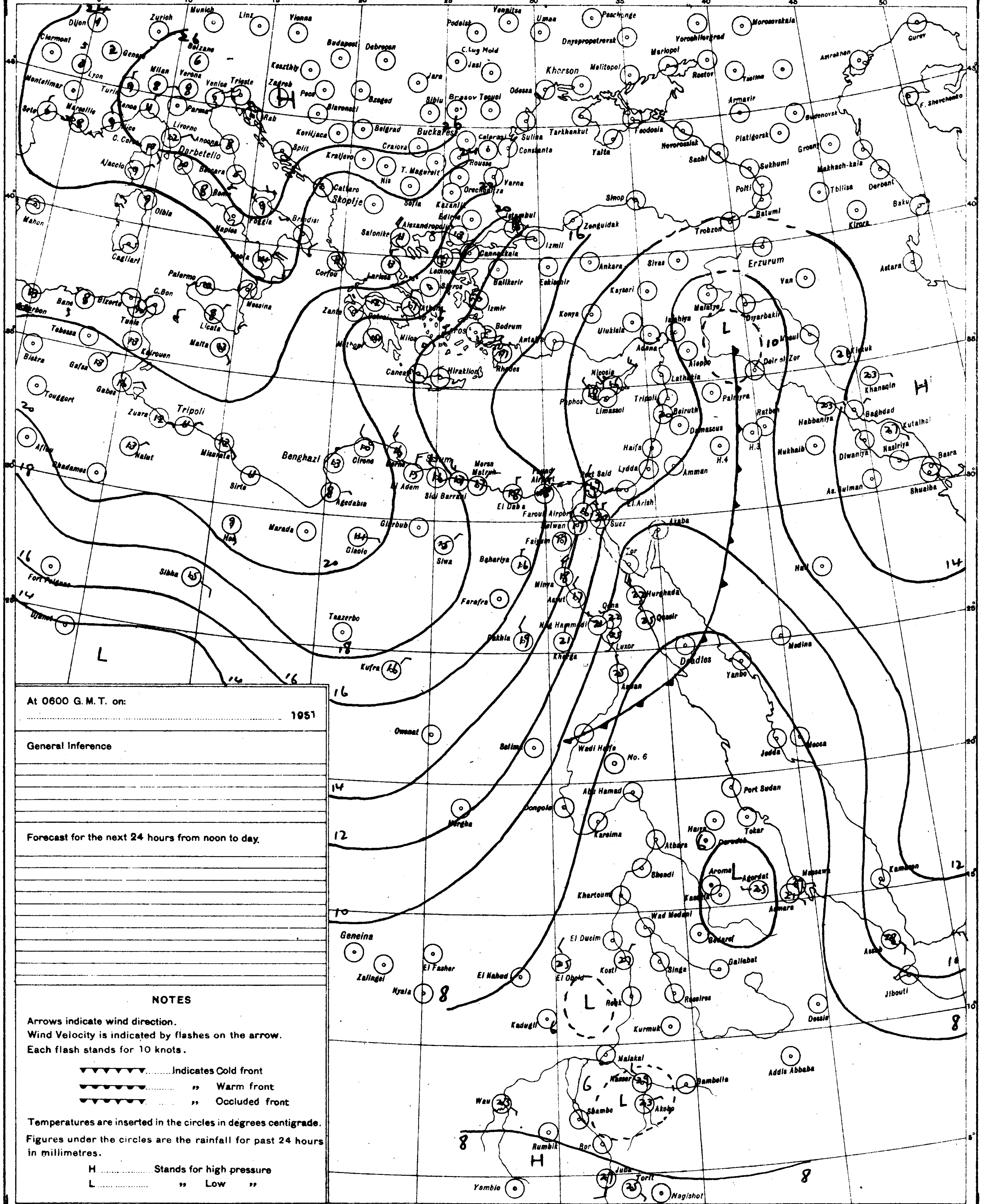
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 16-4- 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Thunderstorm during the past hour	91	
Hail / Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 27 G. M. T.

" " Sunset 16 23 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Tuesday 17th April, 1951

At 1200 on Monday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALŪM	20	9	35	03	2	5	Cu, Cs	16.7	19	73	14
	303	SÎDI BARÂNI	340	12	14	03	1	5	Cu, Ci	16.8	18	78	14
	306	MATRÛH	100	10	18	02	1	5	Cb, Ac	16.4	20	60	12
	309	EL DABA	320	7	35	02	2	5	Sc, Cu		20	46	8
		ALEXANDRIA	360	20	50	02	2	2	Cu	14.8	19	52	9
	318	FOUAD (Airport)	320	12	18	02	1	0	—	14.9	20	56	11
	330	DAMIETTA	340	9	35	01	1	1	Cu	13.9	20	83	17
	333	PORT SA'ÎD	350	16	30	01	2	3	Sc	12.1	20	64	13
	336	EL 'ARISH	340	10				5	Cu	11.8	21	69	15
LOWER EGYPT	339	DAMANHUR	360	9	15	02	0	0	—	14.6	23	44	10
	342	MANSURA	360	9	35	00	0	0	—	13.6	25	42	11
	348	TANTA	360	2	35	02	0	0	—	13.7	24	38	9
	354	ZAGAZIG	320	2	35	02	1	0	—	12.4	26	37	10
	440	ISMA'ÎLÎA	360	9	35	01	1	2	Cu	12.7	24	54	14
	366	FAROUK (Airport)	40	11	30	00	1	0	—	12.8	26	40	11
	372	ALMÂZA	70	16	15	00	0	0	—	12.0	25	42	11
		EZBEKÎYA	360	8	18	00	0	0	—	12.2	26	42	12
		GÎZA	360	8	18	00	0	0	—	12.4	26	42	12
	378	HELWÂN	360	16	35	02	0	0	—	11.5	26	37	10
MIDDLE EGYPT	381	FAIYÛM	360	5	35	02	0	0	—	12.0	27	40	12
	387	MINYA	10	14	10	00	0	0	—	10.7	27	42	13
	393	ASYÛT MANQABÂD	340	10	10	00	0	0	—	9.4	28	42	14
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	8.2	31	38	15
	402	QENA	220	2	50	00	0	0	—	7.1	35	19	8
	405	LUXOR	270	10	30	00	0	0	—	6.1	36	19	9
	414	ASWÂN	220	2	50	00	0	0	—	5.8	36	10	-1
OASES	417	SÎWA	350	6	12	01	1	2	Ci	17.1	24	38	9
	420	BAHARÎYA	360	2	35	02	1	3	St, Ac	16.4	26	37	10
	423	FARAFRA											
	432	DAKHLA	340	8	50	00	0	0	—	12.3	27	27	6
	435	KHARGA	360	9	7	00	0	0	—	9.4	29	23	6
RED SEA	450	SUEZ	360	5	50	01	0	0	—	10.7	26	42	12
	459	TÔR	310	18	35	02	0	0	—	8.0	25	61	17
	462	HURGHADA	360	17	30	01	1	4	Ac	6.7	23	84	20
	465	QUSEIR	20	9	15	02	0	2	Ci	7.4	26	62	18
	641	PORT SŪDÂN	70	10	30	03	1	4	Ac	5.7	31	49	19
NORTH SŪDÂN	600	WÂDI HALFA	300	5	30	02	0	0	—	5.8	35	13	3
	640	ABU HAMAD	140	1	30	02	0	0	—		38	10	1
	660	KAREIMA	170	7	50	02	0	0	—	3.8	38	9	-1
	680	'ATBARA	110	5	30	02	0	0	—	1.0	39	6	-6
	721	KHARTÛM	50	3	50	03	0	2	Cs	1.5	38	6	-7
	730	KASSALA	180	2	30	03	0	2	Cu, Ci	998.2	42	12	7
CENTRAL SŪDÂN	751	WÂD MEDANI	310	9	35	02	0	0	—	0.4	40	6	-5
	801	RENK	360	5	35	01	1	3	Cc	0.6	35	19	8
	802	ROSEIRES	180	5	35	02	0	0	—	0.6	39	10	2
	771	EL OBEID	310	4	30	02	1	5	Ci	1.4	37	11	1
	760	EL FÂSHER	360	7	30	02	0	1	Ci		34	10	-2
	770	GENEINA	20	15	30	03	0	1	Ci		33	7	-7
S. SŪDÂN	840	MALAKÂL	360	5	30	02	2	8	Cs	1.7	39	6	-6
	880	WÂU	50	5	30	02	2	8	Ac, Cs	1.6	39	7	-4
	941	JUBA	360	2	30	03	2	8	Cu, Cs	0.9	38	25	15

At 1800 on Monday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALŪM	340	5	15	01	1	3	Cu, Cs	17.5	17	77	13	0
SÎDI BARÂNI	350	14	13	02	2	7	Cs	17.2	17	72	12	0
MATRÛH	350	17	10	01	1	3	Cu, Ci	16.6	17	60	9	0
EL DABA	360	8	15	03	2	6	Sc	14.9	17	60	9	0
ALEXANDRIA	360	17	35	03	2	5	Cu, Sc	14.7	17	68	11	0
FOUAD (Airport)	350	17	12	03	2	6	Sc	14.6	18	60	10	0
DAMIETTA	320	9	7	02	1	1	Cu	13.5	18	88	16	0
PORT SA'ÎD	350	16	14	03	0	2	Sc	12.3	18	78	14	0
EL 'ARISH	360	5	12	01	1	1	Cu	12.5	18	83	15	0
DAMANHUR	40	9	15	02	1	1	Cu	15.2	17	64	10	0
MANSURA	360	5	15	00	0	0	—	14.3	17	68	11	0
TANTA	360	2	35	01	1	3	Cu, Sc	14.2	17	68	11	0
ZAGAZIG	320	1	35	02	1	0	—	13.3	17	64	10	0
ISMA'ÎLÎA	20	9	35	01	0	0	—	13.8	18	73	13	0
FAROUK (Airport)	50	18	14	02	0	2	Ci	13.5	19	49	8	0
ALMÂZA	50	5	12	03	0	1	Ci	12.9	20	46	8	0
EZBEKÎYA	350	16	12	02	1	2	Ci	13.1	19	56	10	0
GÎZA	350	16	12	02	1	2	Ci	13.5	19	52	9	0
HELWÂN	360	18	7	03	1	3	Ci	12.4	20	46	8	0
FAIYÛM	00	0	35	02	0	0	—	12.4	22	44	9	0
MINYA	340	9	8	00	0	0	—	10.2	20	60	12	0
ASYÛT MANQABÂD	330	4	10	00	0	0	—	9.8	22	61	14	0
NAG' HAMMÂDI	290	2	15	00	0	0	—	8.4	26	48	14	0
QENA	240	2	7	00	0	0	—	8.6	26	25	4	0
LUXOR	240	8	12	00	0	0	—	6.7	28	25	6	0
ASWÂN	00	0	50	00	0	0	—	6.4	33	8	-5	0
SÎWA	40	3	10	01	1	1	Ci	15.6	21	44	8	0
BAHARÎYA	360	4	15	02	1	0	—	13.4	21	50	10	0
FARAFRA												
DAKHLA	330	4	50	00	0	0	—	12.7	22	29	3	0
KHARGA	360	1	7	00	0	0	—	10.3	24	26	3	0
SUEZ	310	7	35	02	0	0	—	12.4	19	64	12	0
TÔR	310	19		02	0	0	—	7.0	24	69	18	0
HURGHADA	330	19	12	00	0	0	—	6.4	24	74	19	0
QUSEIR	360	5	15	01	0	0	—	8.3	24	74	19	0
PORT SŪDÂN	50	2	30	01	1	2	Ac	7.4	27	79	23	0
WÂDI HALFA	320	14	50	03	0	4	Ci	6.1	30	18	3	0
ABU HAMAD	310	1	30	02	0	0	—		31	10	-4	0
KAREIMA	310	6	30	02	0	0	—	4.6	31	8	-8	0
'ATBARA	00	0	30	02	0	0	—	2.6	32	10	-3	0
KHARTÛM	300	4	50	02	0	2	Ci	2.8	32	8	-7	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	360	5	30	02	2	8	Cs	2.5	31	21	6	0
WÂU	310	1	30	02	1	6	—	2.5	31			0
JUBA	330	5	30	13	2	8	Cb, Ac	3.2	33	36	16	0

At 0600 on Tuesday 17th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	9	15	03	1	5	Cu	19.1	+5.1	18	20	-5	13	0	73	13	0	90	
SÎDI BARÂNI	10	14	14	00	0	3	Ci	18.4		17	19		15		64	10	0	108	
MATRÛH	360	16	15	02	2	7	Cu, Sc	17.5	+2.8	17	20		15		60	9	0	51	
EL DABA	360	9	15	02	1	4	Cu	15.3		18	21		16		52	8	0	54	
ALEXANDRIA	360	16	50	02	2	4	Cu	14.8	+0.4	18	21	-3	16	+1	60	10	0	62	182
FOUAD (Airport)	320	10	18	01	1	4	Sc, Ci	15.0		18	22		15		60	10	0	63	138
DAMIETTA	340	5	7	01	0	1	Ac	14.4	+0.1	18	20	-3	16	+2	83	15	0	Rain	102
PORT SA'ÎD	350	13	12	01	1	3	Sc	12.7	-0.6	19	21		17		73	14	0	18	
EL 'ARISH	320	6	18	03	2	7	Sc	12.7	-1.1	20	22	-2	17	+4	73	15	0	Rain	89
DAMANHUR	360	9	7	02	1	2	Ci	15.2	+1.0	19	24	-3	12	0	52	9	0	35	96
MANSURA	320	5	35	00	0	0	—	14.8	+0.2	18	25	-3	13	+1	73	13	0	31	50
TANTA	310	2	35	01	1	3	Cu, Sc	14.5	-0.1	18	25	-3	10	-2	60	10	0	23	37
ZAGAZIG	320	1	35	02	0	0	—	14.2	[illegible]	16	27	-2	11	-1	77	12	0	Rain	26
ISMA'ÎLÎA	360	5	35	03	1	5	Cu	13.9		20	25		15		64	13	0	17	
FAROUK (Airport)	320	10	12	01	2	2	Ac	14.5		15	27		13		82	12	0	Rain	
ALMÂZA	40	9	12	01	1	2	Sc	14.7	+0.2	16	25		13		72	11	0	12	
EZBEKÎYA	350	14	12	02	1	1	Ac, Ci	14.7	+0.2	18	27	-2	14	0	64	11	0	11	24
GÎZA	350	14	12	02	1	1	Ac, Ci	15.0	+0.4	18	27	-1	12	+1	60	10	0	11	23
HELWÂN	340	12	15	03	1	4	Cu	14.6	+0.5	17	27	-2	14	0	68	11	0	12	26
FAIYÛM	360	5	35	02	0	0	—	15.6	+1.2	17	28	-2			60	9	0	8	8
MINYA	10	9	10	00	0	0	—	14.3	+0.5	17	29		13		72	12	0	3	
ASYÛT MANQABÂD	320	8	14	00	0	0	—	13.8	+0.2	18	30		13		73	13	0	dr.	
NAG' HAMMÂDI	290	4	15	00	0	0	—	12.6	-0.3	19	32	0	17	+4	64	12	0	0.1	
QENA	240	3	15	00	0	0	—	11.4	-1.1	24	37	+1	18	+2	38	9	0	0	
LUXOR											37								
ASWÂN	350	4	50	00	0	0	—	10.5	-1.8	25	37	+1	20	+1	36	9	0	0	
SÎWA	360	2	12	03	0	2	Ci	19.5	+4.1	16	26	-4	10	-2	77	12	0	dr.	8
BAHARÎYA	360	4	35	02	0	0	—	16.2	+1.3	17	27	-4	12	-1	60	9	0	0	7
FARAFRA																			
DAKHLA	340	11	50	00	0	0	—	16.0	+2.3	18	28	-6	15	0	52	8	0	0	
KHARGA	360	2	15	00	0	0	—	13.6	+0.4	19	30	-4	16	0	46	7	0	0	
SUEZ	360	5	50	00	0	6	Cu	13.5	-0.6	19	27	-1	15	0	64	12	0	5	15
TÔR	340	13	15	02	0	0	—	10.4	-1.8	21	27	-1	19	+2	74	16	0	4	13
HURGHADA	330	22	30	00	1	0	—	9.3	-3.0	21	25		20		83	18	0	dr.	
QUSEIR	330	9	15	02	0	0	—	9.9	-2.2	24	27	-1	20	0	54	14	0	dr.	4
PORT SŪDÂN	00	0	30	02	0	0	—	8.6		28	32		24		66	21	0	152	95
WÂDI HALFA	330	13	30	02	0	0	—	11.7		23	37		19		32	5	0	dr.	
ABU HAMAD	280	8	30	02	0	0	—			28	39		24		19	2	0		
KAREIMA	10	7	10	02	0	0	—	9.6		26	39		21		23	3	0	dr.	1
'ATBARA	340	13	10	07	2	8	Cs	7.1		29	40		23		11	-5	0	0.3	3
KHARTÛM	340	8	30	02	2	7	Cs	7.1		29	39		21		10	-6	0	dr.	4
KASSALA	00	0	30	01	2	6	Cs	5.4		32	43		20		38	16	0	3	10
WÂD MEDANI																			13
RENK																			53
ROSEIRES	270	5	35	02	0	0	—			21	41		20		35	5	0	0	46
EL OBEID											38								17
EL FÂSHER											35								6
GENEINA	70	4	30	03	1	7	Cs			18	35				24	-3	0		6
MALAKÂL	200	3	30	01	2	8	Ac, Cs	8.0		28	40		22		22	4	0	70	109
WÂU	250	13	30	03	2	7	Ac, Cs	8.2		26	40		24		66	19	0	145	206
JUBA	180	9	30	03	2	7	Ac, Cs	9.4		27	38		25		66	20	0	224	247

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	62	-5
Ezbeklya	59	+5
Giza	59	+3
Helwan	54	+13

GIZA GRASS MINIMUM TEMP ON 17th 9.7 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 16th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	26	40	10	13
950					
900					
850	1588	15	42	220	2
800					
700	3098	2	30	210	10
600					
500	5705	-18		220	15
400	7332	-30		240	27
300	9314	-46		240	35

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Helwan Obs. AIRPORT — On 16th At 8½

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	170	21	50	360	21
950					
900					
850	1590	21	44	70	5
800					
700	3205	5	38	220	8
600	4439	-5		220	16
500	5475	-13		260	11
400					
300					

UPPER WIND OBSERVATIONS on 16th

Station	Sûwa Dir.	Vel.	Fouad Dir.	Vel.	Dakhla Dir.	Vel.	ELArish Dir.	Vel.	Hurghada Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		13 45		14		14	
300	330	6	340	18	340	39	340	10	360	7	350	30
600	360	10	350	25	330	31	340	13	[illegible]	9	350	36
1000	360	13	350	24	330	13	350	12	30	3	350	11
1500	330	7	350	10	360	14			250	3	350	20
2000	350	13			360	14			120	17	90	2
3000	50	20							240	14	200	14
4000	60	14										
5000	20	10										
6000												
7000												
8000												

Station	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Asyut Dir.	Vel.	Port Sudan Dir.	Vel.	Minya Dir.	Vel.	Farouk Dir.	Vel.	Fouad Dir.	Vel.
Time	14		14		14		20		20		20		20	
300	340	37	360	12	320	16	360	9	350	36	20	25	360	11
600	350	23	360	13	330	16	10	7	360	49	20	29	350	30
1000	340	12	350	7	350	17	20	10	10	40	10	27	350	26
1500			80	6	320	7	50	8	30	9	20	28		
2000			30	4	150	21			330	7	20	15		
3000			20	3										
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 17th

Station	SÎDI BARÂNI Dir.	Vel.	MATRÛH Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SA'ÎD Dir.	Vel.	EL'ARÎSH Dir.	Vel.	HELWÂN Dir.	Vel.	MINYA Dir.	Vel.	ASYÛT MANQABÂD Dir.	Vel.	LUXOR Dir.	Vel.	ASWÂN Dir.	Vel.	HURGHADA Dir.	Vel.
Time			4				2						2									
300			360	17			360	11					350	27								
600			360	16			360	10					360	38								
1000			360	17			360	9					350	22								
1500							330	7					320	16								
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	SÎWA Dir.	Vel.	BAHARÎYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WÂDI HALFA Dir.	Vel.	ABÛ HAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTÛM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FÂSHER Dir.	Vel.	MALAKÂL Dir.	Vel.
Time									4								4						3	
300									340	16														
600									360	25							250	4					300	19
1000									340	17							190	4					300	21
1500									310	13							360	3					300	18
2000									270	12													250	7
3000									190	12							50	7					180	7
4000																	310	2					100	5
5000																	210	17					160	15
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

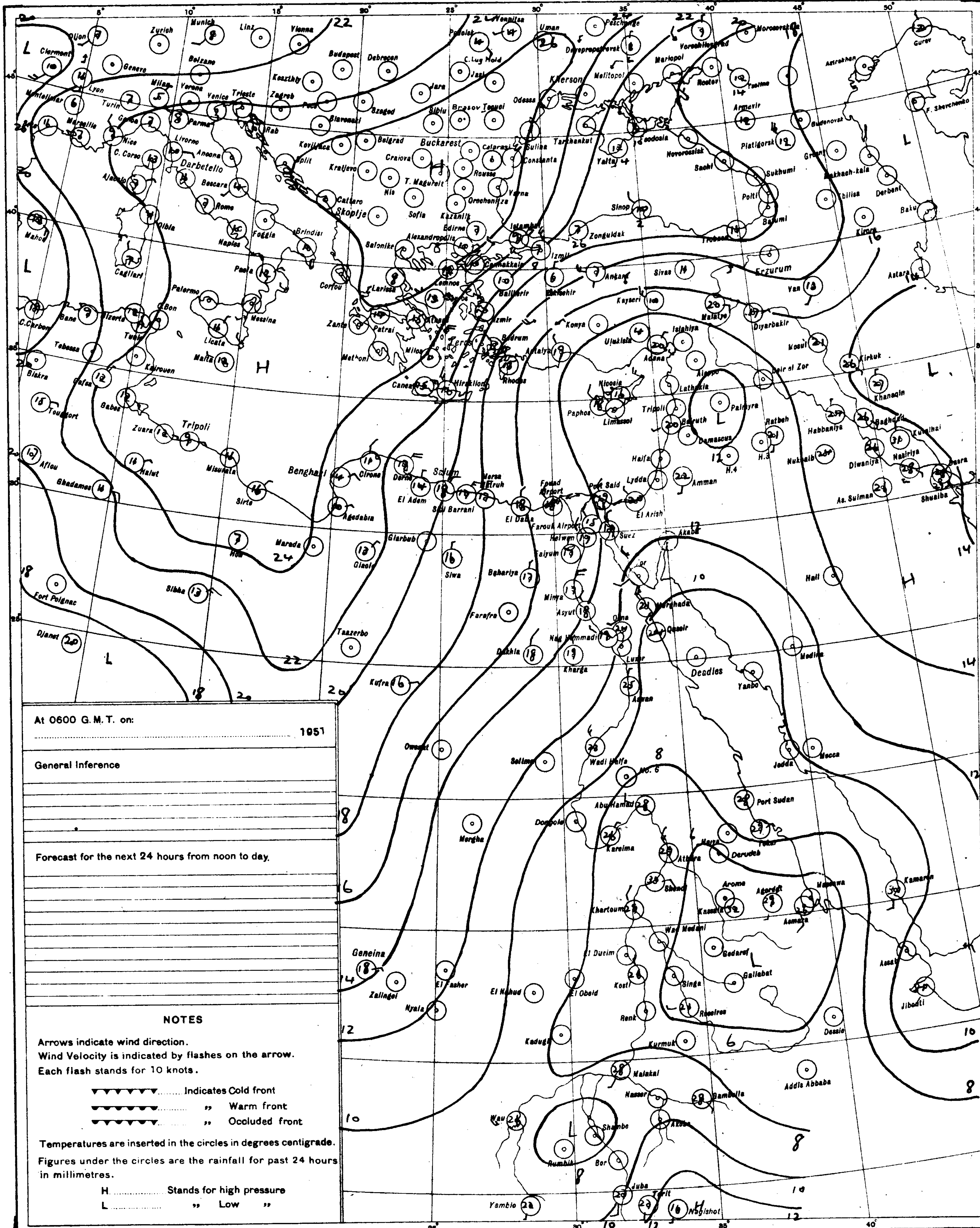
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 17-4-1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	◯
	Clouds dissolving	01	◯
	State of sky generally unchanged	02	◯
	Clouds developing	03	◯
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	◯
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 26 G. M. T.

" " Sunset 16 23 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 18th April, 1951

At 1200 on Tuesday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	9	35	01	0	2	Cu, Ci	18.3	19	52	9
	303	SÎDI BARÂNI	350	18	15	01	0	1	Ci	18.1	19	43	6
	306	MATRÛH	340	22	12	02	1	3	Cu, CS	16.8	20	46	8
	309	EL DABA	320	10	35	03	2	6	SC	15.0	20	56	11
		ALEXANDRIA	360	20	50	02	2	5	Cu	14.2	21	50	10
	318	FOUAD (Airport)	340	17	18	01	2	5	SC	13.9	20	53	10
	330	DAMIETTA	360	5	35	02	0	1	ac	13.6	20	64	13
	333	PORT SA'ID	340	11	30	01	1	2	ac, Ci	12.1	20	64	13
	336	EL 'ARISH											
Nile Delta	339	DAMANHUR	20	13	15	02	1	1	Cu	14.3	22	50	11
	342	MANSURA											
	348	TANTA	310	8	35	02	1	0	—	14.4	25	42	11
	354	ZAGAZIG	320	2	35	02	0	0	—	12.7	26	37	10
	440	ISMAILIA	360	9	35	01	1	2	ac	12.2	24	47	12
Nile Valley	366	FAROUK (Airport)	320	12	30	00	0	0	—	13.8	25	39	10
	372	ALMAZA	60	11	30	00	0	0	—	12.2	23	38	8
		EZBEKIYA	310	10	18	00	0	0	—	11.9	25	34	8
		GIZA	310	10	18	00	0	0	—	12.4	25	34	8
	378	HELWAN	360	13	35	02	0	0	—	11.4	24	32	6
	381	FAIYUM	360	2	35	02	0	0	—	12.8	25	28	5
	387	MINYA	360	10	12	00	0	0	—	12.3	26	35	9
	393	ASYUT MANQABAD	310	8	30	00	0	0	—	10.8	26	42	12
	399	NAG' HAMMADI	320	3	35	00	0	0	—	9.8	34	14	3
	402	QENA	270	3	50	00	0	0	—	8.0	33	16	4
	405	LUXOR	290	8	30	00	0	0	—	7.0	32	17	4
	414	ASWAN	240	4	50	00	0	0	—	6.8	34	14	3
Oases	417	SIWA	20	8	14	01	0	1	Ci	18.2	24	47	12
	420	BAHARIYA	340	8	35		0	0	—				6
	423	FARAFRA											
	432	DAKHLA	340	11	50	00	0	0	—	13.9	29		
	435	KHARGA	360	2	7	00	0	0	—	11.0	28	33	10
Red Sea	450	SUEZ											
	459	TOR	310	19	35	02	0	0	—	8.0	25	61	17
	462	HURGHADA	360	16	30	00	0	1	ac	8.0	24	79	20
	465	QUSEIR	20	9	15	02	0	0	—	7.4	26	70	20
	641	PORT SUDAN	90	13	30	03	0	2	Cu, ac	5.4	31	62	23
North Sudan	600	WADI HALFA	310	10	50	02	0	0	—	8.2	33	17	5
	640	ABU HAMAD	280	5	30	03	0	2	Ci		37	11	2
	660	KAREIMA	310	10	10	03	1	4	Ci	5.3	37	8	-3
	680	'ATBARA	310	5	30	02	2	7	CS	3.0	39	6	-5
	721	KHARTUM	310	5	50	02	2	7	CS	3.9	39	4	-10
	730	KASSALA											
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Ci	2.0	40	5	-6
	801	RENK	310	9	35	02	1	3	Ci	4.4	39	17	10
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	310	5	30	02	1	6	CS		36	15	6
	770	GENEINA	70	15	30	01	1	4	Ci		34	5	-10
S. Sudan	840	MALAKAL	360	7	30	02	2	8	CS	3.1	41	3	-11
	880	WAU	310	5	30	03	2	8	Cu, CS	3.4	38	25	15
	941	JUBA	130	5	30	29	9	8	cb, ac	6.8	26	70	20

At 1800 on Tuesday 17th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	320	9	15	00	0	0	—	18.6	17	52	7	0
303	SÎDI BARÂNI	340		13	00	0	0	—	17.6	16			0
306	MATRÛH	360	23	8	00	1	0	—	16.3	16	52	6	0
309	EL DABA	320	10	7	02	1	4	Cu	13.8	17	60	9	0
	ALEXANDRIA	360	16	35	03	2	6	Cu	13.8	17	68	11	0
318	FOUAD (Airport)	320	12	12	01	1	3	SC	13.8	17	72	12	0
330	DAMIETTA	320	5	7	02	0	0	—	13.0	18	83	15	0
333	PORT SA'ID	330	12	18	02	1	0	—	11.2	18	78	14	0
336	EL 'ARISH	340	8	12	03	2	4	SC	11.5	18	83	15	0
339	DAMANHUR	40	9	15	02	0	0	—	13.8	17	68	11	0
342	MANSURA	360	5	15	00	0	0	—	13.4	18	60	10	0
348	TANTA	00	0	35	02	0	0	—	12.9	18	60	10	0
354	ZAGAZIG	320	1	35	02	0	0	—	12.4	15	72	10	0
440	ISMAILIA	20	2	35	01	0	0	—	12.4	18	60	10	0
366	FAROUK (Airport)	320	14	12	00	0	0	—	13.1	19	56	10	0
372	ALMAZA	40	12	12	02	1	0	—	12.5	19	52	9	0
	EZBEKIYA	360	8	12	00	0	0	—	12.6	19	52	9	0
	GIZA	360	8	12	00	0	0	—	12.2	19	46	7	0
378	HELWAN	340	17	15	02	0	0	—	11.9	20	41	6	0
381	FAIYUM	360	5	35	02	0	0	—	13.0	20	46	8	0
387	MINYA	360	5	8	00	0	0	—	12.3	17	56	8	0
393	ASYUT MANQABAD	330	3	10	00	0	0	—	11.3	19	56	10	0
399	NAG' HAMMADI	360	2	15	00	0	0	—	10.6	22	50	11	0
402	QENA	270	3	7	00	0	0	—	9.3	25	34	8	0
405	LUXOR												
414	ASWAN	350	5	50	00	0	0	—	9.8	31	12	-1	0
417	SIWA	50	14	10	00	0	0	—	17.4	20	56	11	0
420	BAHARIYA	360	5	35	02	0	0	—	14.6	19	52	9	0
423	FARAFRA												
432	DAKHLA	320	5	50	00	0	0	—	15.4	20	33	3	0
435	KHARGA	00	0	7	00	0	0	—	11.9	20	24	-1	0
450	SUEZ	360	6	35	01	0	0	—	11.1	20	46	8	0
459	TOR	310	24	7	02	0	0	—	7.4	24	69	18	0
462	HURGHADA	320	20	12	00	0	0	—	6.5	24	69	18	0
465	QUSEIR	20	5	15	02	0	0	—	8.9	23	84	20	0
641	PORT SUDAN	360	1	30	02	2	0	—	6.5	28	84	25	0
600	WADI HALFA	360	8	30	02	0	0	—	10.3	28	27	7	0
640	ABU HAMAD	250	7	30	02	0	0	—		31	11	-3	0
660	KAREIMA	320	9	30	02	1	3	Ci	7.7	29	13	-2	0
680	'ATBARA	360	5	30	02	2	7	Ci	4.8	33	8	-6	0
721	KHARTUM	00	0	50	02	1	7	—	5.6	33	8	-5	0
730	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	360	3	30	02	2	7	CS	6.5	29	19	3	0
760	EL FASHER												
770	GENEINA	10	7	30	02	1	3	CS		29	10	-6	0
840	MALAKAL	70	5	30	01	2	3	Ci	5.4	31	11	-2	0
880	WAU												
941	JUBA	160	9	30	01	9	8	Sc, ac	9.7	23	89	21	1

At 0600 on Wednesday 18th April,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st	Station
62300	SALUM	340	9	15	00	0	1	Cu	19.0	+5.1	17	20	-5	11	-2	52	7	0	90		SALUM
303	SÎDI BARÂNI	330	15	14	00	0	1	Cu	18.2		17	20				56	8	0	108		SÎDI BARÂNI
306	MATRÛH	360	18	14	03	1	4	SC	17.6	+2.7	17	21		15	+2	56	8	0	51		MATRÛH
309	EL DABA	320	11	15	03	2	6	SC	15.3		17	21		15		60	9	0	54		EL DABA
	ALEXANDRIA	310	18	50	02	2	6	Cu	14.4	0.0	18	22	-3	16	+1	73	13	0	62	182	ALEXANDRIA
318	FOUAD (Airport)	290	13	18	02	2	6	Sc, Ci	14.5		19	22		15		73	14	0	63	138	FOUAD (Airport)
330	DAMIETTA	320	5	7	03	1	5	Cu, ac	13.8	-0.4	19	20	-3	15	+1	83	16	0	Rain	102	DAMIETTA
333	PORT SA'ID	310	10	14	03	1	7	Cu, Ci	13.1	-0.2	19	21		17		68	13	0	18		PORT SA'ID
336	EL 'ARISH	270	3	18	03	2	8	Cu			17	23	-1	15	+2	77	13	0	Rain	89	EL 'ARISH
339	DAMANHUR	310	9	7	02	1	3	Cu	14.7	-0.5	19	23	-4	12	-1	73	14	0	35	96	DAMANHUR
342	MANSURA	360	5	35	01	0	4	Ci	13.6	-0.9	18	25	-3	12	-1	73	13	0	31	50	MANSURA
348	TANTA	220	2	35	01	1	4	Cu, SC	13.9	-0.7	18	25	-4	10	-2	73	13	0	23	38	TANTA
354	ZAGAZIG	320	1	35	03	1	3	Ci	13.8	-0.7	18	27	-2	11	-1	73	13	0	Rain	26	ZAGAZIG
440	ISMAILIA	290	5	35	02	2	8	AS	14.0		16	25		14		77	12	0	17		ISMAILIA
366	FAROUK (Airport)	320	3	10	01	1	3	Cu, ac	15.0		16	29?		12		77	12	0	Rain		FAROUK (Airport)
372	ALMAZA	360	8	12	01	1	4	Cu, Ci	14.1	-0.3	16	25		13		77	12	0	12		ALMAZA
	EZBEKIYA	310	12	12	02	1	3	Cu	14.6	+0.2	18	26	-3	14	0	68	12	0	11	24	EZBEKIYA
	GIZA	310	12	12	02	1	3	Cu	15.0	+0.5	18	26	-3	10	-1	73	13	0	11	23	GIZA
378	HELWAN	340	5		03	1	4	Cu, Ci	14.8	+0.8	16	25	-4	13	-1	68	10	0	12	26	HELWAN
381	FAIYUM	360	2	35	03	1	2	Cu, Sc	15.9	+1.6	17	27	-3	13	0	77	13	0	8	8	FAIYUM
387	MINYA	20	12	10	03	1	8	SC	16.1	+2.5	16	26		10		77	12	0	3		MINYA
393	ASYUT MANQABAD	340	8	8	01	0	4	SC	16.1	+2.6	16	26		12		88	14	0	dr.		ASYUT MANQABAD
399	NAG' HAMMADI	360	4	15	00	0	0	—	14.7	+1.9	19			15	+1	52	9	0	0.1		NAG' HAMMADI
402	QENA	290	3	7	00	0	0	—	14.2	+1.8	22	34	-2	17	+1	36	6	0	0		QENA
405	LUXOR	340	17	12	00	0	0	—	14.1	+1.5	20			16		41	6	0	0		LUXOR
414	ASWAN			50	00	0	0	—	15.2	+3.0	22	35	-1	18	-2	31	4	0	0		ASWAN
417	SIWA	280	3	12	00	0	0	—	20.6	+5.3	14	27	-3	9	-3	72	9	0	dr.	8	SIWA
420	BAHARIYA	270	4	35	02	0	0	—	17.1	+2.2	15	25	-6	11	-2	68	9	0	0	7	BAHARIYA
423	FARAFRA	360	1	35	02	0	0	—	16.4		15			15		48	4	0	dr.		FARAFRA
432	DAKHLA	320	11	50	00	0	0	—	17.2	+3.5	17	30	-4	13	-2	52	7	0	0		DAKHLA
435	KHARGA	360	2	7	00	0	0	—	16.8	+3.7	17	30	-4	15	-1	52	7	0	0		KHARGA
450	SUEZ	310	5	50	00	0	0	—	13.1	-0.9	19	27	-2	14	-1	64	12	0	5	15	SUEZ
459	TOR	340	24	15	02	0	0	—	11.1	-1.0	21	26	-2	18	+1	65	14	0	4	13	TOR
462	HURGHADA	330	20	12	01	1	1	Ci	11.2	-1.0	20	24		19		88	18	0	dr.		HURGHADA
465	QUSEIR	330	5	15	00	0	2	Ci	4.7	-2.4	24	26	-2			54	14	0	dr.	4	QUSEIR
641	PORT SUDAN	340	13	30	02	2	3	Cu, Ci	9.3		29	31		25		70	23	0		96	PORT SUDAN
600	WADI HALFA											34									WADI HALFA
640	ABU HAMAD	280	12	30	01	0	1	Ci			26	39		20		20	1	0			ABU HAMAD
660	KAREIMA	20	11	30	03	0	5	CS	13.2		24	38		17		22	1	0	dr.	1	KAREIMA
680	'ATBARA	340	12	4	07	2	3	CS	10.2		27	40		23		16	-1	0	0.3	3	'ATBARA
721	KHARTUM	20	15	30	02	2	7	CS	9.8		27	39		22		15	-2	0	dr	4	KHARTUM
730	KASSALA	360	4	30	02	2	7	CS	8.2		29	43		17		17	1	0	3	10	KASSALA
751	WAD MEDANI																			13	WAD MEDANI
801	RENK																			53	RENK
802	ROSEIRES	270	5	35	02	1	0	—	11.4		28	40		21		35	11	0	0	47	ROSEIRES
771	EL OBEID											38								18	EL OBEID
760	EL FASHER																			6	EL FASHER
770	GENEINA											36								6	GENEINA
840	MALAKAL	180	3	30	02	2	0	—	10.2		28	41		22		58	19	0	70	110	MALAKAL
880	WAU																			208	WAU
941	JUBA	130	5	30	01	2	8	ac	8.9		25	36		23		74	20	1	225	251	JUBA

HUMIDITY %

Mean of day

Station	on 17th	Diff. from normal
Alexandria	63	-4
Ezbekiya	53	-1
Giza	53	-3
Helwan	48	+7

GIZA

GRASS MINIMUM TEMP ON 18th 6.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 17th At 15½

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	105	25	36	350	12
950					
900					
850	1493	11	67	360	5
800					
700	3092	3	28	210	22
600					
500	5710	-17		210	30
400	7344	-30		240	33
300	9315	-46		230	53

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 17th

Station	Dakhla		Fouad A.P.		Port Said		Hurghada		Asyut		Minya		Matruh		El Arish		S. Barani				Fouad A.P.		Minya		Port Said	
Time	14		14		14		14	30	14		14		14		13	30	14				20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	25	340	21	350	12	330	4	330	17	340	12	340	25	320	14	350	21			330	17	340	30	330	10
600	340	26	340	19	360	12	320	3	330	17	340	20	340	16	330	13	350	21			340	24	350	36	330	13
1000	340	36	350	20	350	8	320	5	330	13	320	24					350	19			350	24	340	33	280	8
1500	340	31	30	11	350	11	220	5	310	11	340	30					350	17					340	22	170	6
2000					240	7	200	10	240	10	320	19					10	16								
3000									210	12																
4000									230	23																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4		2		2																
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			340	15	320	10	330	16															
600			330	15	320	18	340	13															
1000			340	19	330	17	330	13															
1500							330	14															
2000							30	10															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4				4		4		3		4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									360	13														
600									340	28	10	27	40	13	350	29	350	19					290	1
1000									350	23	30	24	20	34	350	36	350	30	20	28			190	13
1500									280	13	290	17	300	17	320	11	360	11	20	15			290	4
2000															260	16			330	10				
3000													310	8	220	21	100	6	190	6			50	12
4000															210	19			210	17				
5000																								
6000																								
7000																								
8000																								

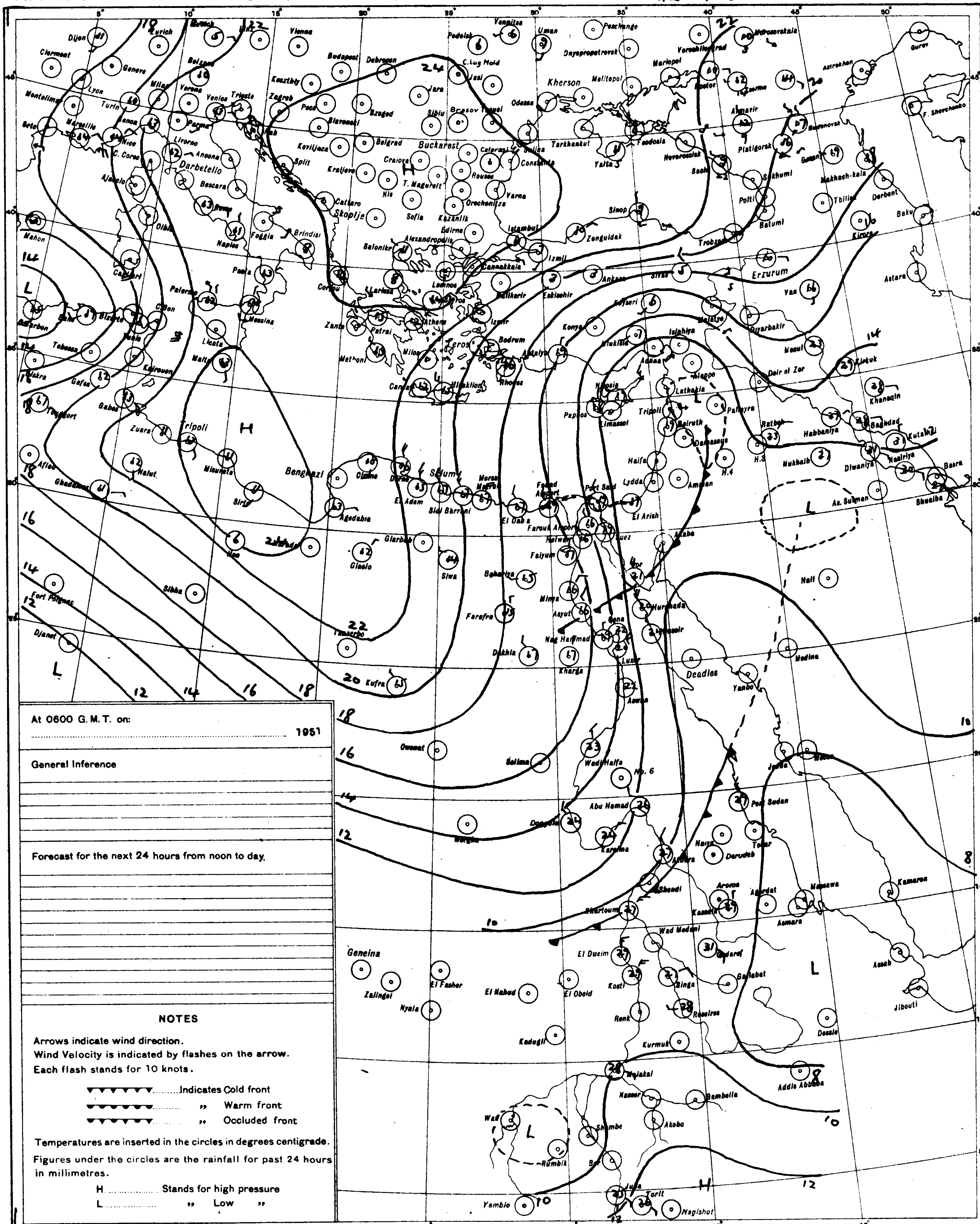
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 18-4-1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
Visibility reduced by smoke 04
Dry haze 05
Dust in the air 06
,, or sand raised by wind 07
Dust devil 08
Duststorm or sandstorm within sight or at station during last hour 09
Mist 10
Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
Squalls 18
Drizzle 20
Rain 21
Showers of rain 25
,, ,, hail 27
Fog 28
Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain / Hail — Thunderstorm during the past hour .... 91 / 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

M. A. H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 03 25 G.M.T.
" " Sunset 16 24 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 19th April, 1951

Area	Index Number	Station	At 1200 on Wednesday 18th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM											
	303	SIDI BARANI	320	16	15	00	0	0	—	18.1	19	49	8
	306	MATRUH	330	16	18	03	1	5	Cu	17.4	19	49	8
	309	EL DABA	320	12	35	02	2	5	Sc, Cu	15.3	19	52	9
		ALEXANDRIA	310	26	50	02	2	6	Cu	14.8	20	64	13
	318	FOUAD (Airport)	290	17	14	02	2	6	Sc	14.8	20	69	14
	330	DAMIETTA	340	9	35	03	1	2	Cu, Cc	13.0	21	65	14
	333	PORT SA'ID											
	336	EL 'ARISH	270	5	18	01	2	4	Cb	11.7	21	65	14
Lower Egypt	339	DAMANHUR	310	13	15	02	1	3	Cu	14.6	22	57	13
	342	MANSURA	270	9	35	02	0	5	Cu	13.1	22	50	11
	348	TANTA	310	8	35	01	1	4	Cu, Sc	13.5	24	47	12
	354	ZAGAZIG	320	2	35	03	1	4	Cu	12.8	24	47	12
	440	ISMA'ILIA	320	9	35	03	1	4	Cu	12.2	25	34	8
Cairo Area	366	FAROUK (Airport)											
	372	ALMAZA	340	13	15	01	1	4	Cu	13.2	23	41	9
		EZBEKIYA	360	6	18	02	1	5	Cu, As	13.0	24	34	7
		GIZA	360	6	18	02	1	5	Cu, As	13.4	25	28	5
	378	HELWAN	320	16	35	02	1	3	Cu	12.8	23	32	5
Upper Egypt	381	FAIYUM	330	8	35	03	1	3	Cu, Sc	15.0	25	28	5
	387	MINYA	330	11	10	00	1	0	—	14.7	24	28	4
	393	ASYUT MANQABAD	340	8	18	00	0	0	—	13.7	24	38	9
	399	NAG' HAMMADI	270	6	35	00	0	0	—	12.7	25	34	8
	402	QENA	240	3	15	00	0	0	—	12.4	28	22	4
	405	LUXOR											
	414	ASWAN	310	4	50	00	0	0	—	12.2	28	22	4
Oases	417	SIWA	280	17	12	00	0	0	—	19.6	23	50	12
	420	BAHARIYA	270	3	35	02	0	0	—	16.2	22	36	6
	423	FARAFRA	270	1	35	02	0	0	—	17.6	22	33	5
	432	DAKHLA	340	13	35	00	0	0	—	14.7	24	32	6
	435	KHARGA	320	6	15	00	0	0	—	14.4	25	28	5
Red Sea	450	SUEZ	310	6	50	01	0	2	Cu	11.2	25	34	8
	459	TOR	310	24	35	02	0	0	—	10.2	26	70	20
	462	HURGHADA	350	18	18	00	0	0	—	9.0	23	74	18
	465	QUSEIR	20	5	15	01	0	0	—	8.4	24	69	18
	641	PORT SUDAN	30	21	4	07	1	1	Cu	7.8	33	38	17
North Sudan	600	WADI HALFA	320	15	18	02	0	0	—	12.5	29	15	0
	640	ABU HAMAD	270	8	30	02	0	0	—		35	9	-3
	660	KAREIMA	20	12	30	02	0	0	—	9.2	35	10	-1
	680	'ATBARA											
	721	KHARTUM											
	730	KASSALA											
Central Sudan	751	WAD MEDANI	50	9	35	02	2	8	Ci	4.4	38	6	-7
	801	RENK	310	9	35	02	1	3	Ci	6.3	39	17	10
	802	ROSEIRES	50	5	35	02	0	0	—	5.9	38	9	0
	771	EL OBEID	20	8	30	03	1	4	Ci	5.4	38	6	-6
	760	EL FASHER	350	3	30	03	0	4	Ci		35	19	8
	770	GENEINA	10	6	30	02	0	0	—		35	11	0
S. Sudan	840	MALAKAL	290	4	30	02	2	8	Cu, Ac	5.9	37	19	10
	880	WAU	360	5	30	03	2	7	Cu, Ac	5.1	36	22	11
	941	JUBA	230	5	50	03	2	8	Cu, Ac	6.7	32	46	19

Station	At 1800 on Wednesday 18th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	290	5	15	00	0	0	—	18.2	15	68	9	0
SIDI BARANI												
MATRUH	320	9	14	03	1	2	Sc, Cu	17.4	16	68	10	0
EL DABA	320	9	7	00	0	0	—	18.1	16	68	10	0
ALEXANDRIA	310	22	35	01	2	4	Cu	15.4	17	60	9	0
FOUAD (Airport)	220	9	12	00	0	3	Sc	15.1	17	68	11	0
DAMIETTA												
PORT SA'ID	290	20	17	03	0	3	Sc	17.2	18	78	14	0
EL 'ARISH	290	6	12	03	0	2	Cu	13.0	18	73	13	0
DAMANHUR	310	13	15	02	1	4	Cu	14.5	16	77	12	0
MANSURA	320	9	15	00	0	0	—	14.8	18	73	13	0
TANTA	00	0	35	02	1	0	—	14.9	17	68	11	0
ZAGAZIG	320	2	35	01	1	2	Cu	14.8	18	73	13	0
ISMA'ILIA	340	9	35	01	0	0	—	13.8	19	73	14	0
FAROUK (Airport)												
ALMAZA	330	13	12	00	0	0	—	15.0	18	68	12	0
EZBEKIYA	310	12	12	00	0	0	—	15.1	18	64	11	0
GIZA	310	12	12	00	0	0	—	14.9	18	60	10	0
HELWAN	320	19	7	02	0	0	—	14.6	18	52	8	0
FAIYUM	360	5	35	01	0	0	—	15.9	19	46	7	0
MINYA	00	0	8	00	0	0	—	15.2	17	56	8	0
ASYUT MANQABAD	270	6	10	00	0	0	—	14.8	20	41	6	0
NAG' HAMMADI	270	3	15	00	0	0	—	15.2	20	46	8	0
QENA	220	3	7	00	0	0	—	13.9	22	29	3	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	13.2	26	18	0	0
SIWA												
BAHARIYA												
FARAFRA												
DAKHLA	340	5	50	00	4	0	—	16.4	19	37	4	0
KHARGA	00	0	15	00	0	0	—	15.1	20	17	-6	0
SUEZ	310	6	35	01	0	1	Cu	12.8	21	50	10	0
TOR	340	24	7	00	0	0	—	10.0	23			0
HURGHADA	320	18	12	00	0	0	—	10.4	23	65	16	0
QUSEIR	20	5	15	02	0	0	—	10.2	24	61	16	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

Station	At 0600 on Thursday 19th April: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	320	9	15	00	1	2	Cu	17.8	+3.9	17	20	-6	12	-1	60	9	0	90	
SIDI BARANI	310	15	14	00	0	2	Cu	17.3		17			14		64	10	0	108	
MATRUH	280	11	14	03	0	3	Sc	17.1	+2.5	16	20		10		64	9	0	51	
EL DABA	270	7	15	01	1	3	Cu	16.4		16	19		15		59	8	0	54	
ALEXANDRIA	310	16	50	02	2	5	Cu	15.9	+1.5	17	21	-3	15	0	60	9	0	62	18
FOUAD (Airport)	290	10	12	03	1	5	Sc	15.6		18	21		15		60	10	0	63	13
DAMIETTA	290	5	7	01	1	3	Cu	15.0	+0.8	18			14	0	83	15	0	Rain	10
PORT SA'ID	260	18	14	01	1	1	Ci	14.5	+1.2	18	22		16		78	14	0	18	
EL 'ARISH	220	12	15	02	2	7	Ns	13.9	+0.1	17	22	-2	12	-1	72	12	0	Rain	89
DAMANHUR	360	13	7	02	1	1	—	16.2	+2.1		23	-4	11	-2		8	0	35	97
MANSURA	320	5	35	00	0	0	—	14.3	-0.2	17	25	-3	12	-1	68	11	0	31	50
TANTA	270	2	35	02	0	0	—	15.4	+0.9	17	25	-4	10	-2	68	11	0	23	38
ZAGAZIG											27	-2							26
ISMA'ILIA	290	9	35	03	1	3	Cu	15.5		18	26		14		73	13	0	17	
FAROUK (Airport)	270	7	12	01	2	4	Sc	17.0		16			13		68	10	0	Rain	
ALMAZA	290	7	12	01	1	4	Sc	16.7	+2.3	16	24		13		68	10	0	12	
EZBEKIYA	310	8	12	02	1	7	As, Cs	17.0	+2.6	18	25	-4	14	0	60	10	0	11	24
GIZA	310	8	12	02	1	7	As, Cs	17.0	+2.6	18	26	-3	12	+1	60	10	0	11	23
HELWAN	290	2	15	01	2	5	Sc	17.5	+3.5	16	24	-5	12	-3	68	10	0	12	26
FAIYUM	00	0	35	02	0	0	—	18.7	+4.5	17	26	-4	10	-3	60	9	0	8	8
MINYA	340	4	8	00	0	0	—	18.8	+5.3	14	25		8		77	10	0	3	
ASYUT MANQABAD	320	7	8	10	0	0	—	18.3	+4.8	15	25		10		82	12	0	dr.	
NAG' HAMMADI	360	1	15	00	0	0	—	17.1	+4.4	20	26	-6	12	-2	46	8	0	0.1	
QENA	290	3	15	00	0	0	—	16.6	+4.3	22	30	-6	14	-3	21	-1	0	0	
LUXOR																			
ASWAN	350	4	50	00	0	0	—	18.0	+5.9	20	30	-6	15	-5	49	9	0	0	
SIWA																			8
BAHARIYA																			7
FARAFRA																			
DAKHLA	340	8	50	00	0	0	—	19.4	+5.8	16	24	-10	11	-4	32	-1	0	0	
KHARGA	00	0	15	00	0	0	—	17.9	+4.9	18	26	-8	12	-4	52	8	0	0	
SUEZ	180	2	50	00	0	1	Cu	15.5	+1.5	20	27	-2	14	-1	46	8	0	5	15
TOR	310	24	15	02	0	0	—	14.4	+2.3	21	27	-1	19	+2	50	10	0	4	13
HURGHADA	330	18	18	00	0	0	—	13.4	+1.2	20	24		16	-1	78	16	0	dr.	
QUSEIR											26	-2							4
PORT SUDAN	350	11	30	02	0	0	—	12.4		29	33		20		55	19	0	152	96
WADI HALFA	350	8	30	02	0	1	Cs	18.3		18					24	-3	0	dr.	
ABU HAMAD	280	10	30	02	0	1	Ci			23	36		18		13	-7	0		
KAREIMA	20	16	10	01	1	1	Ci	16.4		22	36		18		19	-3	0	dr.	1
'ATBARA																			3
KHARTUM	20	13	50	02	1	3	Ci	13.2		25	38		22		16	-3	0	dr.	4
KASSALA																			10
WAD MEDANI																			13
RENK																			53
ROSEIRES																			47
EL OBEID																			18
EL FASHER																			6
GENEINA																			6
MALAKAL																			111
WAU																			210
JUBA																			255

HUMIDITY %

Mean of day

Station	on 18th	Diff. from normal
Alexandria	68	+1
Ezbekiya	62	+9
Giza	61	+6
Helwan	62	+12

GIZA
GRASS MINIMUM TEMP
ON 19th 8.6c

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
AIRPORT — Helwan Obs. On 18th At 8½					
1000	169	20	41	290	15
950					
900					
850	1500	8	43	310	11
800					
700	3012	2	25	300	9
600	4346	-9			
500	5730	-20			
400	7341	-33			
300	9299	-46			

UPPER WIND OBSERVATIONS on 18th

Height m.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	El Arish Dir.	El Arish Vel.	Madrah Dir.	Madrah Vel.	Minya Dir.	Minya Vel.	S. Berrani Dir.	S. Berrani Vel.	Farouk AA Dir.	Farouk AA Vel.	Minya Dir.	Minya Vel.
Time	14		14		13 45		14		14		14		20		20	
300	340	29	320	8	260	15	320	24	330	17	330	18	300	21	360	23
600	340	21	320	10	260	11	330	26	330	13	340	19	310	23	350	31
1000	330	15	320	10	270	10	330	20	340	14	320	17	320	23	340	25
1500			360	12	300	15	310	23			310	19	320	32	320	16
2000															320	16
3000																
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 19th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time			4		2		3						2										1 30	
300			130	12	320	14	290	17					340	13									280	24
600			320	11	320	16	300	15					350	16									290	30
1000			320	12			310	14					330	15									290	24
1500			310	8			310	10					300	25										
2000			330	14									320	27										
3000			330	14																				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									4		4		4						4 15					
300									300	20														
600									330	16	10	29	10	31										
1000									320	10	360	15	10	18										
1500									90	13	10	13	350	7					40	15				
2000													360	18					40	3				
3000									290	24	270	29	280	17					240	11				
4000													270	25					180	14				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

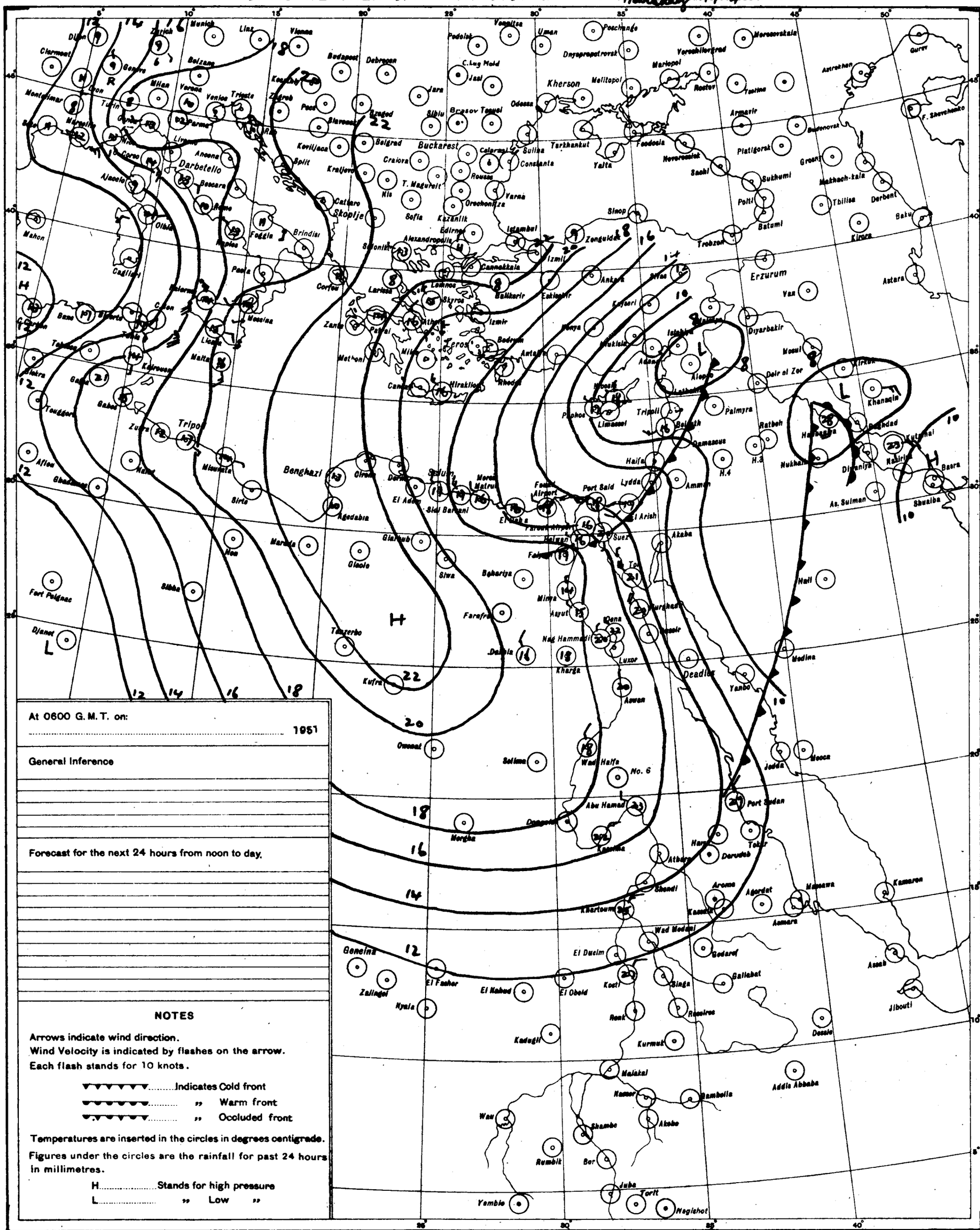
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 19-4-1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49)557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 24 G. M. T.

" " Sunset 16 25 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 20th April, 1951

At 1200 on Thursday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	320	13	35	00	0	0	—	16.6	21	41	7
	303	SÎDI BARÂNI	300	16	18	02	0	1	Cu	17.1	19	64	12
	306	MATRÛH	340	16	14	00	0	0	—	16.8	20	46	8
	309	EL DAB'A	320	7	35	00	0	0	—	16.0	19	52	9
		ALEXANDRIA	310	22	50	01	2	2	Cu	16.5	19	52	9
	318	FOUAD (Airport)	260	16	18	02	0	4	SC	16.6	20	56	11
	330	DAMIETTA	320	9	35	01	0	1	Cu	15.9	20	73	15
	333	PORT SA'ÎD	310	19	15	02	0	1	SC	16.4	23	57	14
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	310	13	15	02	1	3	Cu	16.0	23	38	8
	342	MANSURA	320	9	35	02	1	3	Cu	15.2	23	38	8
	348	TANTA	310	8	35	01	1	2	Cu, SC	15.1	24	38	9
	354	ZAGAZIG	320	2	35	03	1	3	Cu	15.4	24	47	12
	440	ISMA'ÎLIA	290	5	35	03	1	4	Cu	14.6	24	32	6
Cairo Area	366	FAROUK (Airport)	150	18	30	01	1	2	Cu	15.7	23	34	6
	372	ALMÂZA	290	13	15	00	0	0	—	15.2	23	33	5
		EZBEKÎYA	310	12	18	00	0	0	—	15.5	24	28	4
		GÎZA	310	12	18	00	0	0	—	15.4	25	28	5
	378	HELWÂN	270	13	35	03	0	0	—	15.1	23	18	-3
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	17.1	23	25	1
	387	MINYA	280	9	12	00	0	0	—	16.4	25	18	-1
	393	ASYÛT MANQABÂD	330	10	30	00	0	0	—	16.0	24	32	6
	399	NAG' HAMMÂDI	320	9	35	00	0	0	—	15.5	26	25	4
	402	QENA	320	3	50	00	0	0	—	14.2	30	16	1
	405	LUXOR	340	8	30	00	0	0	—	14.5	27	9	-8
	414	ASWÂN	330	10	50	00	0	0	—	14.6	27	22	3
Oases	417	SÎWA	280	13	13	00	0	0	—	19.9	23	32	5
	420	BAHARÎYA	270	3	35	02	0	0	—	17.2	25	28	5
	423	FARAFRA	270	1	35	02	0	0	—		25	34	8
	432	DAKHLA	340	11	50	00	0	0	—	16.6	25	22	2
	435	KHARGA	340	2	15	00	0	0	—	15.4	26	30	7
Red Sea	450	SUEZ	180	5	50	02	0	1	Cu	13.9	24	38	9
	459	TÛR	340	24	50	02	0	0	—	13.5	23	38	8
	462	HURGHÂDA	360	19	30	00	0	0	—	13.2	23	65	16
	465	QUSEIR	20	13	15	02	0	0	—	12.7	24	47	12
	641	PORT SUDÂN	10	18	10	02	0	0	—	10.2	29	62	21
North Sudan	600	WÂDI HALFA	330	7	30	02	0	1	Ci		25	14	-5
	640	ABU HAMAD	310	4	30	02	0	0	—		31	8	-7
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	340	16	15	06	1	2	Ci	8.0	36	7	-5
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK	360	13	35	02	0	1	Ci	5.9	40	12	5
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	50	9	30	03	1	4	Ci		31	19	5
	770	GENEINA	50	8	30	03	1	4	Ci		34	7	-7
S. Sudan	840	MALAKÂL	50	10	30	01	1	2	Ci	4.7	38	6	-7
	880	WÂU											
	941	JUBA	320	5	30	03	1	5	Cb, Ci	4.2	35	35	17

At 1800 on Thursday 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300 SALÛM	320	9	15	00	0	0	—	17.4	16	68	10	0
303 SÎDI BARÂNI	320	16	14	03	0	5	Cu	17.2	16	77	12	0
306 MATRÛH	310	8	10	00	0	0	—	16.8	16	68	10	0
309 EL DAB'A	310	5	7	00	0	0	—	16.2	16	68	10	0
ALEXANDRIA	340	13	35	03	2	6	Cu	16.0	17	68	11	0
318 FOUAD (Airport)	270	12	12	03	1	6	SC	15.8	17	68	11	0
330 DAMIETTA	270	5	7	02	0	1	Cu	15.2	18	73	13	0
333 PORT SA'ÎD	290	21	18	02	0	0	—	14.8	18	60	10	0
336 EL 'ARISH	320	5	15	03	1	3	SC	14.4	18	73	13	0
339 DAMANHUR	310	9	15	02	0	0	—	16.7	15	68	9	0
342 MANSURA	320	5	15	00	0	0	—	15.2	17	60	9	0
348 TANTA	00	0	35	02	1	0	—	15.9	15	77	11	0
354 ZAGAZIG	320	1	35	02	1	0	—	15.2	17	68	11	0
440 ISMA'ÎLIA	290	9	35	01	0	0	—	14.8	19	52	9	0
366 FAROUK (Airport)	320	5	13	00	0	0	—	15.8	19	52	9	0
372 ALMÂZA	360	9	12	00	0	0	—	15.4	19	46	7	0
EZBEKÎYA	310	8	12	00	0	0	—	16.2	19	40	5	0
GÎZA	310	8	12	00	0	0	—	15.2	18	46	6	0
378 HELWÂN	320	6	15	02	0	0	—	15.6	20	33	3	0
381 FAIYÛM	00	0	35	02	0	0	—	16.4	19	46	7	0
387 MINYA	300	3	10	00	0	0	—	16.3	17	52	7	0
393 ASYÛT MANQABÂD												
399 NAG' HAMMÂDI	270	3	15	00	0	0	—	15.4	20	41	6	0
402 QENA	320	4	12	00	0	0	—	15.2	21	33	4	0
405 LUXOR												
414 ASWÂN												
417 SÎWA												
420 BAHARÎYA			15	02	0	0	—	17.2	18	46	6	0
423 FARAFRA	270	1	15	02	0	0	—	17.4	17	56	8	0
432 DAKHLA	320	6	50	00	0	0	—	18.0	21	27	1	0
435 KHARGA	00	0	15	00	0	0	—	16.8	20	17	-6	0
450 SUEZ	310	4	15	01	0	0	—	14.7	21	27	1	0
459 TÛR	20	5	7	02	0	0	—	13.5	21	27	1	0
462 HURGHÂDA	320	17	12	00	0	0	—	12.3	22	69	16	0
465 QUSEIR	20	9	15	02	0	0	—	13.0	22	50	11	0
641 PORT SUDÂN												
600 WÂDI HALFA												
640 ABU HAMAD												
660 KAREIMA												
680 'ATBARA												
721 KHARTÛM												
730 KASSALA												
751 WÂD MEDANI												
801 RENK												
802 ROSEIRES												
771 EL OBEID	10	8	30	02	0	0	—	9.4	28	10	-7	0
760 EL FÂSHER	80	5	30	03	1	6	CS		28	25	6	0
770 GENEINA	20	16	30	01	1	1	Ci		30	11	-4	0
840 MALAKÂL												
880 WÂU												
941 JUBA	280	5	30	01	2	0	—	6.1	31	31	12	0

At 0600 on Friday 20th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300 SALÛM	320	9	15	00	0	1	Ci	17.8	+4.0	17	22	-4	13	0	77	13	0	90	
303 SÎDI BARÂNI	290	10	14	00	0	1	SC	17.4		17	20		15		64	10	0	108	
306 MATRÛH	290	12	12	03	0	2	SC	17.2	+2.6	16	20		10		77	12	0	51	
309 EL DAB'A	270	6	15	00	0	0	—	16.9		17	19		9		68	9	0	54	
ALEXANDRIA	270	17	50	01	2	3	Cu	16.6	+2.3	17	21	-3	16	+1	68	11	0	62	182
318 FOUAD (Airport)	280	9	18	02	0	2	SC	16.9		19	21		16		64	12	0	63	138
330 DAMIETTA	270	5	7	03	1	2	Cu, Ac	16.3	+2.1	17	21	-2	11		77	13	0	Rain	102
333 PORT SA'ÎD	260	18	14	02	0	3	SC, Ac	14.8	+1.6	16	23		14		82	13	0	18	
336 EL 'ARISH	250	8	18	02	1	1	Cu	15.5	+1.7	18	23	-1	13	0	60	10	0	Rain	90
339 DAMANHUR	310	9	7	02	0	0	—	17.4	+3.3	19	24	-3	12	-1	68	13	0	35	97
342 MANSURA	270	5	35	00	0	0	—	17.2	+2.7	16	25	-3	10	-3	68	10	0	31	50
348 TANTA	270	5	35	01	1	4	Cu, SC	17.1	+2.6	18	25	-4	10	-2	60	10	0	23	38
354 ZAGAZIG	320	1	35	02	1	0	—	16.6	+2.1	17	27	-2	10	-2	77	13	0	Rain	26
440 ISMA'ÎLIA	270	6	35	02	0	0	—	17.2		18	26		12		73	13	0	17	
366 FAROUK (Airport)	250	11	12	00	0	0	—	18.9		17	24		12		64	10	0	Rain	
372 ALMÂZA	310	11	15	00	0	0	—	17.7	+3.4	16	24		12		68	10	0	12	
EZBEKÎYA	310	8	12	00	0	0	—	17.8	+3.5	17	25	-4	13	-1	68	11	0	11	24
GÎZA	310	8	12	00	0	0	—	17.9	+3.5	17	26	-3	9	-2	77	13	0	11	24
378 HELWÂN	00	0	15	00	0	0	—	18.2	+4.3	15	24	-5	12	-3	68	9	0	12	27
381 FAIYÛM	00	0	35	02	0	0	—	19.6	+5.5	17	26	-5	10	-4	60	9	0	8	8
387 MINYA	00	0	8	00	0	0	—	18.6		16	26		8		64	9	0	3	
393 ASYÛT MANQABÂD	270	4	12	00	0	0	—	18.8		18			13		43	5	0	dr	
399 NAG' HAMMÂDI	270	1	35	00	0	0	—	18.6	+5.9	21	27	-6	9	-5	33	4	0	0.1	
402 QENA	290	2	15	00	0	0	—	17.6	+5.4	19	31	-5	12	-5	37	4	0	0	
405 LUXOR																			
414 ASWÂN	00	0	50	00	0	0	—	18.3	+6.2	21			13	-7	27	1	0	0	
417 SÎWA	290	5	11	03	0	1	Ci	20.2	+5.0	14			9	-3	77	10	0	dr	8
420 BAHARÎYA	360	3	35	02	0	0	—	19.1	+4.4	19	25	-6	8	-5	52	9	0	0	7
423 FARAFRA	00	0	35	02	0	0	—	19.9		18	25		8		40	4	0	dr	
432 DAKHLA	340	4	50	00	0	0	—	19.6	+6.0	17	26	-8	10	-5	34	1	0	0	
435 KHARGA	00	0	35	00	0	0	—	19.1	+6.2	18	28	-6	11	-5	28	-1	0	0	
450 SUEZ	310	5	35	00	0	2	Cu	17.6	+3.7	19	27	-2	12	-4	46	7	0	5	16
459 TÛR	310	13	15	02	0	0	—	16.3	+4.3	22	27	-1	15	-2	44	9	0	4	13
462 HURGHÂDA	320	13	30	00	0	0	—	15.2	+3.1	22	23		14		61	14	0	dr	
465 QUSEIR	330	9	15	02	0	0	—	15.5	+3.6	22	26	-2	18	-2	57	13	0	dr	4
641 PORT SUDÂN	340	13	30	02	0	0	—	13.9		26	31		18		58	17	0	152	96
600 WÂDI HALFA	340	2	50	01	1	3	Ci	18.3		18	29		13		30	0	0	dr	
640 ABU HAMAD	340	12	30	02	0	2	Ci			26	32		15		10	-8	0		
660 KAREIMA	20	15	10	03	3	1	CS	16.2		22	31		16		17	-4	0	dr	1
680 'ATBARA	340	13	4	07	0	0	—	13.6		23	34		17		15	-5	0	0.3	3
721 KHARTÛM	10	11	30	02	0	0	—	14.7		23	36		18		12	-8	0	dr	4
730 KASSALA																			10
751 WÂD MEDANI	50	9	35	02	0	0	—	12.7		26	39		15		6	-15	0	46	13
801 RENK																			54
802 ROSEIRES																			48
771 EL OBEID	20	13	30	02	0	0	—	14.8		22	35		17		13	-8	0	7	18
760 EL FÂSHER	40	10	30	03	1	6	CS			21	33		15		27	1	0	6	6
770 GENEINA											35								6
840 MALAKÂL	20	21	30	01	0	0	—	11.0		28	39				9	-8	0	70	112
880 WÂU	50	4	10	04	1	4	Ac	10.5		29	39				49	17	0	145	212
941 JUBA	180	9	30	03	2	8	Ac	9.3		28	36				55	18	0	225	259

UPPER AIR OBSERVATIONS

Humidity % Mean of day

Station	on 19th	Diff. from normal
Alexandria	61	-7
Ezbeklya	48	-5
Gîza	51	-4
Helwân	45	+5

GÎZA GRASS MINIMUM TEMP ON 20th 4.3 °C.

Remarks

Aeroplane Ascent

On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
Farouk Airport, On 19th At 15h					
1000	123	24	28	290	10
950					
900					
850	1509	2	75	290	15
800					
700	3091	0		290	19
600					
500	5694	-19		300	22
400	7315	-32		310	21
300	9284	-47		300	21
Airport, On ... At ...					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
Helwan Obs Airport, On 19th At 8h					
1000	193	19	46	260	16
950					
900					
850	1580	10	54	300	15
800					
700	3147	1	37	300	6
600	4361	-6		290	9
500	5757	-17		280	12
400	7389	-28		280	11
300	9379	-44			

UPPER WIND OBSERVATIONS on 19th

Station	Dakhla		Asyut		Minya		Siwa		Hurghada		Matruh		Fouad A.P.		Luxor		S. Garrani						Fouad A.P.		Minya	
Time	14		14		14		14		14		14		14		14		14						20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	6	320	11	320	12	300	16	350	15	290	21	290	33	320	16	310	27					300	24	300	22
600	350	9	310	7	300	23	310	18	350	15	310	18	300	21	320	13	310	29					310	36	300	17
1000	340	7	300	6	300	18	320	20	330	11	300	16	290	21	320	14	310	17					310	19	290	16
1500			310	12	310	13	330	16	280	12	300	23	270	30	320	17	320	17					310	29	280	11
2000			280	16	300	12	330	23	260	13	320	21	280	12	320	20	320	15								
3000			280	21	300	17	320	15	240	15																
4000							330	19																		
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			4		8		2		7 45				2		8		9				8 30		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			310	17	280	11	270	17	250	15			360	12	300	6	300	10			340	14	250	11
600			310	21	270	6	270	15	250	6			20	6	320	12	320	11			300	13	270	10
1000			330	16			290	12	250	10			290	15	310	15	290	6			300	16	280	12
1500			340	22			300	21	240	3			300	21	320	15	340	8			320	16		
2000			320	22			300	17							330	20					310	13		
3000			340	22											310	18					270	15		
4000																					280	21		
5000																					290	25		
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8						4		4		4						4		4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	27	320	21					10	11														
600	350	15	320	20					10	17	10	40	20	26									20	30
1000	330	28	290	11					360	6	10	30	10	25					20	34	40	15	20	50
1500	330	18	300	22					350	19	30	15	30	13					30	15	20	11	30	35
2000	310	14											340	9							320	5	40	21
3000	320	12							330	23	70	7	330	14					320	13				
4000	320	10																	270	7				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

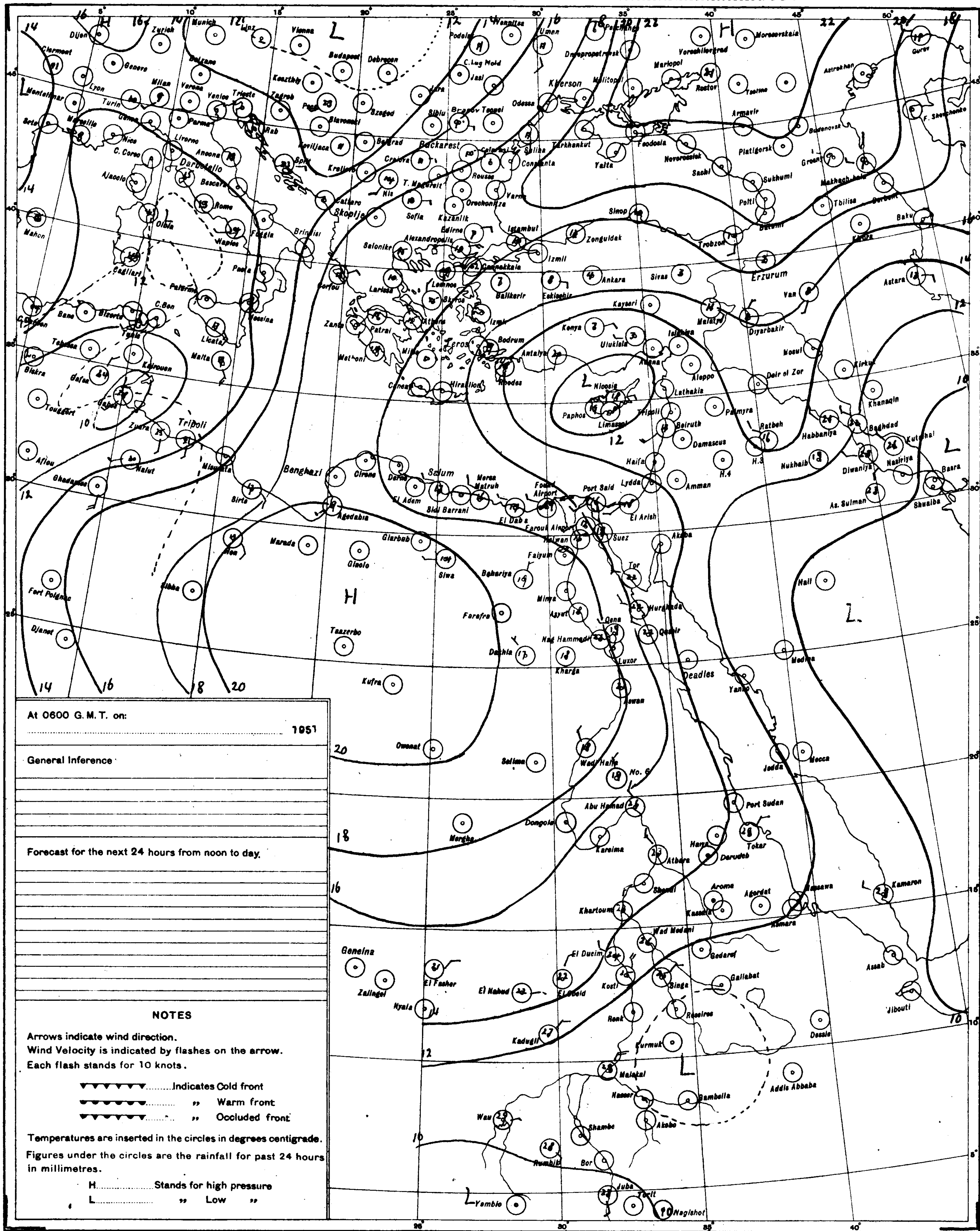
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 20-4 1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 23 G.M.T.

" " Sunset 16 25 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 21st April, 1951

At 1200 on Friday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	20	13	15	00	1	2	Cs	17.1	21	50	10
	303	SÎDI BARÂNI	320	17	14	02	0	1	Ci	17.9	19	68	13
	306	MATRÛH	330	18	15	00	0	0	—	17.7	20	69	14
	309	EL DABA	320	7		00	0	0	—	17.1	20	56	11
		ALEXANDRIA	310	26	50	01	2	2	Cu	16.8	20	64	13
	318	FOUAD (Airport)	290	17	18	02	1	1	Sc	16.5	21	57	12
	330	DAMIETTA	320	9	35	02	0	1	Cu	15.8	21	65	14
	333	PORT SA'ID	340	12	30	02	1	1	Cu	15.8	21	69	15
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR											
	342	MANSURA	320	5	35	02	1	2	Cu	15.6	26	37	10
	348	TANTA											
	354	ZAGAZIG	320	2	35	02	0	0	—	15.3	26	37	10
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	250	13	30	00	0	0	—	16.9	24	47	14
	372	ALMAZA	290	8	30	00	0	0	—	16.2	24	38	9
		EZBEKIYA	310	6	18	00	0	0	—	16.7	25	28	5
		GIZA	310	6	18	00	0	0	—	16.3	26	25	4
	378	HELWÂN	290	9	50	02	0	0	—	16.3	24	15	-5
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	18.3	25	22	2
	387	MINYA	10	8	12	00	0	0	—	17.6	25	22	2
	393	ASYÛT MANQABÂD	340	8	30	00	0	0	—	16.3	26	25	4
	399	NAG' HAMMÂDI	360	3	15	00	0	0	—	14.0	30	21	5
	402	QENA	320	2	50	00	0	0	—	14.4	30	16	1
	405	LUXOR	340	11	30	00	0	0	—	14.7	28	11	-5
	414	ASWÂN	350	4	50	00	0	0	—	15.2	27	20	2
Oases	417	SÎWA	270	15	4	07	2	6	Cs	19.9	26	25	4
	420	BAHARÎYA	270	2	35	02	0	0	—	17.5	25	34	8
	423	FARAFRA	270	1	35	02	0	0	—	18.7	26	32	8
	432	DAKHLA	340	8	50	00	0	0	—	15.8	27	20	2
	436	KHARGA	40	3	15	00	0	0	—	16.0	28	16	0
Red Sea	450	SUEZ	180	4	50	01	0	1	Cu	14.6	24	34	7
	459	TOR	310	14	35	02	0	0	—	15.0	26	18	0
	462	HURGHADA	10	15	30	00	0	0	—	12.8	24	69	18
	465	QUSEIR	20	13	15	02	0	0	—	14.1	24	47	12
	641	PORT SUDÂN	40	20	7	07	0	0	—	11.6	29	52	18
North Sudan	600	WÂDI HALFA	360	10	50	01	0	1	Cs	15.2	29	11	-5
	640	ABU HAMAD	10	6	30	02	0	2	Ci		30	6	-11
	660	KAREIMA	350	11	30	03	1	5	Ci	12.9	31	11	-3
	680	'ATBARA	340	13	10	07	0	1	Ci	9.4	33	3	-17
	721	KHARTÛM	10	13	50	02	0	0	—	10.1	32	8	-6
	730	KASSALA	[illegible]	5	30	02	0	0	—	5.3	38	15	7
Central Sudan	751	WÂD MEDANI											
	801	RENK	360	9	35	02	0	1	Ci	7.6	37	13	5
	802	ROSEIRES	360	13	35	02	0	0	—	6.6	35	10	-1
	771	EL OBEID	10	9	30	03	0	5	Ci	9.3	31	7	-9
	760	EL FÂSHER	40	4	30	02	1	6	Cs		31	19	5
	770	GENEINA	70	8	30	01	1	1	Ci		34	7	-7
S. Sudan	840	MALAKÂL	340	13	30	01	1	2	Ci	5.8	38	9	-1
	880	WÂU	130	7	30	01	1	1	Ci	5.2	38	11	3
	941	JUBA	180	9	30	02	2	8	Sc ac	7.3	30	52	19

At 1800 on Friday 20th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	250	2	15	03	2	5	Cs	17.5	16	77	12	0
SÎDI BARÂNI	260	2	13	02	1	5	Cs	17.3	15	82	12	0
MATRÛH	300	4	10	02	1	4	Ci	17.7	15	88	13	0
EL DABA												
ALEXANDRIA	310	15	35	01	2	2	Cu, Ci	17.2	17	77	13	0
FOUAD (Airport)	290	8	18	02	0	1	Ci	17.4	17	77	13	0
DAMIETTA	290	9	7	03	1	3	Cu	16.0	18	83	15	0
PORT SA'ID	300	19	14	02	0	1	Sc	15.9	18	83	15	0
EL 'ARISH	290	5	12	00	0	0	—	15.5	18	83	15	0
DAMANHUR	360	9	15	02	1	1	Ci	17.4	18	60	10	0
MANSURA	360	5	15	00	1	0	—	16.8	19	73	14	0
TANTA												
ZAGAZIG	320	2	35	02	0	0	—		17	77	13	0
ISMA'ILIA	40	2	35	01	0	0	—	16.2	20	73	15	0
FAROUK (Airport)	290	5	12	00	0	0	—	17.0	21	41	7	0
ALMAZA	340	8	12	00	0	0	—	16.5	21	44	8	0
EZBEKIYA	350	2	12	00	0	0	—	16.7	21	38	6	0
GIZA	350	2	12	00	0	0	—	17.1	20	41	6	0
HELWÂN	340	9	7	02	0	0	—	16.4	21	26	1	0
FAIYÛM	00	0	35	02	0	0	—	17.5	20	41	6	0
MINYA	40	3	10	00	0	0	—	17.1	18	46	6	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	17.5	20	38	5	0
NAG' HAMMÂDI	360	1	15	00	0	0	—	15.6	21	33	4	0
QENA	360	2	7	00	0	0	—	15.2	24	26	3	0
LUXOR	290	6	12	00	0	0	—	15.6	22	16	-5	0
ASWÂN	350	4	50	00	0	0	—	15.6	24	15	5	0
SÎWA	270	6	10	02	2	5	Cs	19.0	22	38	7	0
BAHARÎYA	320	3	15	02	1	3	Ac	17.8	20	41	6	0
FARAFRA	170	1	35	02	0	2	Cs	16.1	19	35	3	0
DAKHLA	320	5	50	00	0	0	—	18.0	22	21	-1	0
KHARGA	00	0	15	00	0	0	—	15.9	22	16	-5	0
SUEZ	00	0	15	03	0	2	Cu	15.5	22	29	3	0
TOR	310	9	15	02	0	0	—	14.6	24	30	5	0
HURGHADA	270	14	12	00	0	0	—	14.0	21	33	4	0
QUSEIR	20	5	15	02	0	0	—	15.0	22	50	11	0
PORT SUDÂN	330	8	30	02	0	1	Cs	12.9	25	70	19	0
WÂDI HALFA	330	12	50	01	0	1	Ci	15.2	23	11	-9	0
ABU HAMAD	00	0	30	02	0	0	—		23	10	-10	0
KAREIMA	350	12	30	03	1	4	Ci	13.3	26	9	-10	0
'ATBARA	340	9	30	03	1	3	Cs	11.3	25	10	-9	0
KHARTÛM	360	5	30	02	0	1	Ci	11.0	27	15	-2	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	4	30	01	2	5	Cs	10.8	25	12	-7	0
EL FÂSHER	20	6	30	01	1	3	Ci		26	27	5	0
GENEINA	20	10	30	02	0	0	—		29	10	-6	0
MALAKÂL	360	6	30	01	1	3	Ci	7.3	29	17	1	0
WÂU	50	1	30	02	1	3	Cs	5.9	32	24	9	0
JUBA	180	13	30	01	2	8	Ac, Cs	7.8	25	61	17	0

At 0600 on Saturday 21st April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	250	9	15	00	1	3	Ci	15.5	+1.7	21	25	-1	14	+1	20	-3	0	90	
SÎDI BARÂNI	200	5	12	00	0	3	Ci	15.2		18	20		10		34	2	0	10.8	
MATRÛH	300	6	14	03	1	3	Ac	16.3	+1.7	18	21		9		40	4	0	51	
EL DABA																			
ALEXANDRIA	220	10	35	04	2	6	St, Cs	17.0	+2.7	16	21	-3	13	-2	88	14	0	62	183
FOUAD (Airport)	210	7	18	02	1	6	Cu, Sc, Ci	17.4		16	22		11		88	14	0	63	138
DAMIETTA	200	2	7	02	1	3	Ac	17.6	+3.5	19	22	-1	10	-5	73	14	0	Rain	103
PORT SA'ID	220	8	12	03	2	7	Sc	17.0	+3.8	19	24		16		73	14	0	18	
EL 'ARISH	00	0	18	02	1	2	Ci	16.3	+2.5	19	22	-2	14	+1	68	13	0	Rain	90
DAMANHUR	310	9	7	02	1	3	Cc	17.9	+3.8	18	25	-2	10	-3	73	13	0	35	97
MANSURA	270	5	15	03	1	8	St, Ac	17.1	+2.7	15	28	0	9	-4	77	11	0	31	51
TANTA																	0	23	38
ZAGAZIG	220	1	35	03	1	5	Ac	17.0	+2.6	17	27	-2	11	-1	68	11	0	Rain	26
ISMA'ILIA	160	2	35	03	2	4	Ac	17.2		19	27		14		64	12	0	17	
FAROUK (Airport)	300	4	14	02	0	7	Sc, Ci	17.9		16	26		12		77	12	0	Rain	
ALMAZA	00	0	13	01	1	6	Sc, Ci	17.8	+3.5	16	25		12		88	14	0	12	
EZBEKIYA	00	0	12	02	1	6	Cu, Ac	17.8	+3.5	16	26	-3	13	-1	77	12	0	11	24
GIZA	00	0	12	02	1	6	Cu, Ac	17.6	+3.3	16	27	-2	8	-3	77	12	0	11	24
HELWÂN	00	0	7	05	1	3	Ci	17.8	+4.0	16	26	-3	12	-3	68	10	0	12	27
FAIYÛM	00	0	35	03	1	4	Ci	17.6	+3.5	17	27	-4	11	-3	68	11	0	8	8
MINYA	00	0	80	00	0	0	—	17.9	+4.5	17	27		9		64	10	0	3	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	17.6	+4.3	20	27		10		35	4	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	17.9	+5.3	21	30	-3	10	-4			0	0.1	
QENA	320	2	15	00	0	0	—	17.5	+5.4	20	32	-4	13	-4	24	-1	0	0	
LUXOR											30								
ASWÂN	00	0	50	00	0	0	—	17.3	+5.3	21	27	-9	15	-5	26	1	0	0	
SÎWA	00	0	12	00	0	0	—	17.9	+2.7	20	27	-3	10	-3	41	6	0	dr.	8
BAHARÎYA	00	0	35	02	0	0	—	18.0	+3.4	20	27	-4	10	-3	41	6	0	0	7
FARAFRA	240	1	35	02	0	0	—	18.6		16	28				52	6	0	dr.	
DAKHLA	00	0	50	00	0	0	—	18.3	+4.8	17	28	-6	10	-5	26	-3	0	0	
KHARGA	00	0	35	00	0	0	—	17.8	+4.9	20	28	-6	10	-7	33	3	0	0	
SUEZ	00	0	35	00	0	5	Sc	17.1	+3.2	17	27	-2	13	-3	73	13	0	5	16
TOR	310	13	7	02	0	0	—	15.8	+3.9	22	28	0	16	-1			0	4	13
HURGHADA	330	8	30	02	0	1	Ci	15.0	+2.9	22	24		14		69	16	0	dr.	
QUSEIR	360	9	15	02	0	0	—	15.6	+3.7	23	25	-3	19	-1	32	5	0	dr.	4
PORT SUDÂN	360	12	30	01	1	2	Ci	13.7		27	29		18		42	13	0	152	96
WÂDI HALFA	360	7	50	02	0	0	—	17.3		19	30		12		24	-2	0	dr.	
ABU HAMAD	300	9	30	01	0	0	—			22	31		13		16	-5	0		
KAREIMA											32								1
'ATBARA	340	13	10	07	1	3	Cs	12.7		24	33		17		13	-7	0	0.3	3
KHARTÛM	10	13	30	02	1	3	Ac, Ci	12.9		23	33		15		14	-6	0	dr.	4
KASSALA																			11
WÂD MEDANI																			14
RENK																			54
ROSEIRES																			48
EL OBEID	20	12	30	03	1	5	Ac, Ci	13.4		22	33		15		12	-9	0	7	18
EL FÂSHER											34								6
GENEINA	50	13	30	01	0	1	Ci			21	35		17		11	-11	0		6
MALAKÂL											39								113
WÂU											39								214
JUBA											33								263

HUMIDITY % Mean of day

Station	on 20th	Diff. from normal
Alexandria	72	+4
Ezbekiya	49	-4
Giza	55	0
Helwân	44	+4

GÎZA GRASS MINIMUM TEMP. ON 21st 5.4°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 20th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	140	26	32	270	8
950					
900					
850	1529	10	50	300	15
800					
700	3106	0		320	20
600					
500	5719	-18		300	28
400	7346	-31		300	38
300	9302	-50		310	42

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 20th

Station	Minya		Luxor		Port Said		Asyut		El Arish		Matruh		Dakhla		S. Barani		Hurghada		Farouk A/P		Fouad A/P		Minya		Port Said	
Time	14		15		14		14		14		14		14		14		14	30	20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	10	300	13	300	12	330	22	310	10	310	18	340	8	310	17	350	23	340	16	320	13	30	8	290	14
600	300	7	320	3	310	16	330	28	270	14	320	10	340	10	290	15	350	21	320	16	320	17	360	17	300	12
1000	300	10	310	10	270	13	330	30	270	14	310	30	340	8	280	12	340	14	300	14	320	18	340	16	320	12
1500	310	13	330	10	250	23	320	17	290	21	310	16	340	12	290	16	280	16	270	16	300	11	330	10	340	11
2000	330	29	360	12	240	23	330	17	310	18	300	15	330	16	300	22	270	21	300	21	300	29	320	12		
3000			320	9			330	23	280	17					320	24	320	16	310	25						
4000															330	26										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada	
Time			4		2		2						2									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			300	7	170	5	260	5					10	6								
600			200	17	330	7	300	5					10	8								
1000			310	20	330	10	330	6					20	5								
1500			80	37	340	19	20	5					320									
2000					330	17																
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4		4				3							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									20	9														
600											20	23	20	25			30	10						
1000											30	23	20	28			20	11						
1500											50	3	40	21			30	15						
2000																								
3000											280	12	360	7			230	3						
4000																	260	6						
5000													280	2										
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

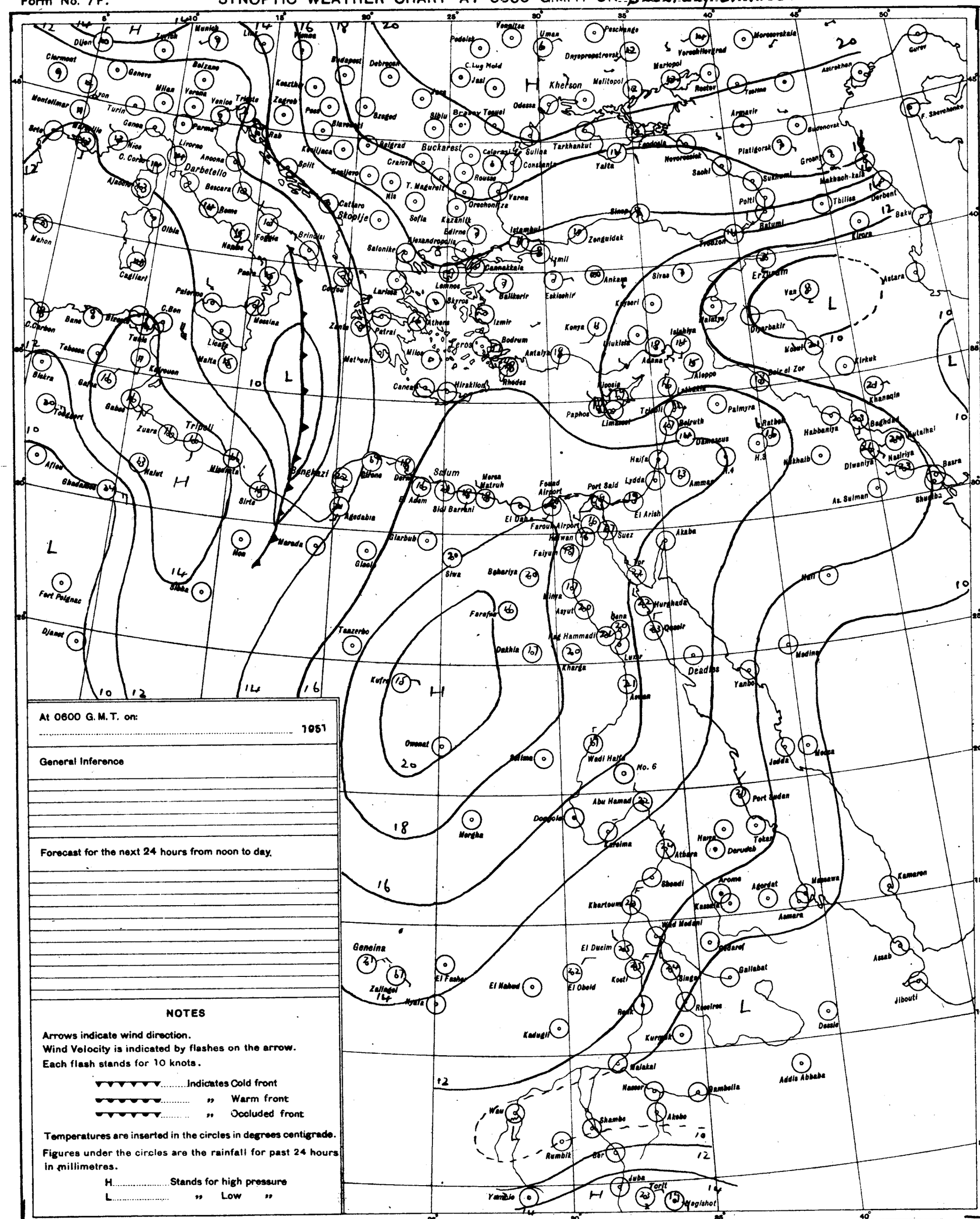
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 21-4-1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.M.

S of E 1949(49/567) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 22 G.M.T.

" " Sunset 16 26 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 22nd April, 1951

At 1200 on Saturday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Lower Egypt	62300	SALUM	200	9	35	00	1	1	Ci	10.0	32	10	-3
	303	SIDI BARANI	70	8	18	02	0	1	Ci	12.0	27	25	5
	306	MATRUH	40	5	14	01	1	1	Cs	14.4	28	12	-4
	329	EL DABA	40	5	35	01	1	3	Cu	14.6	25	28	5
		ALEXANDRIA	220	12	50	03	2	6	Cu, Ci	15.6	20	64	13
	318	FOUAD (Airport)	240	8	18	02	2	6	ac, Ci	16.1	23	47	11
	330	DAMIETTA	320	2	35	03	1	5	as		22	57	13
	333	PORT SAID	20	5	30	03	2	6	Ci	15.2	22	53	12
	336	EL 'ARISH	360	5	30	02	1	2	Ci	15.8	20	69	14
Middle Egypt	339	DAMANHUR	230	5	15	02	1	3	cc	16.6	26	30	7
	342	MANSURA	270	5	35	03	2	5	ac	16.2	26	37	10
	345	TANTA	00	0	35	02	2	6	cu, sc	16.1	27	27	6
	354	ZAGAZIG	320	1	35	03	1	5	ac		26	30	7
	443	ISMAILIA	290	2	35	02	2	8	ac	16.0	26	25	4
Upper Egypt	365	FAROUK (Airport)	320	10	18	01	0	1	cs	16.7	25	24	3
	379	ALMAZA	320	10	15	00	0	1	Ci	16.4	25	34	8
		EZBEKIYA	270	8	18	02	1	3	Sc, Cu	16.2	26	18	0
		GIZA	270	8	18	02	1	3	Sc, Cu	16.0	28	16	0
	378	HELWAN	00	0	35	01	1	1	Ci	16.0	25	11	-8
	381	FAIYUM	00	0	35	01	0	1	Ci	16.1	27	20	2
	387	MINYA	340	9	10	02	1	1	Ci	16.2	29	14	-1
	393	ASYUT MANQABAD	330	8	30	00	0	0	—	15.3	29	14	-1
	399	NAG' HAMMADI	320	3	35	00	0	0	—	14.8	30	21	5
	402	QENA	360	2	50	00	0	0	—	13.5	33	12	0
	405	LUXOR	340	14	30	00	0	0	—	13.8	31	5	-14
	414	ASWAN	350	4	50	00	0	0	—	14.6	29	14	-1
Oases	417	SIWA	220	8	15	00	0	0	—	17.5	31	29	11
	420	BAHARIYA	340	4	35	02	0	0	—	16.6	29	23	6
	423	FARAFRA	360	1	35	02	0	0	—	17.4	29	17	1
	432	DAKHLA	340	5	50	00	0	0	—	15.6	28	16	0
	435	KHARGA	340	2	35	00	0	0	—	15.2	30	27	9
Red Sea	450	SUEZ	180	5	50	02	0	5	Sc	14.6	26	18	0
	459	TOR	340	9	35	02	0	0	—	12.4	26	55	16
	462	HURGHADA	20	9	30	03	1	1	Ci	13.4	25	61	17
	465	QUSEIR	360	13	15	02	0	0	—	13.5	26	37	10
	641	PORT SUDAN	20	20	7	07	0	1	ac	10.5	29	43	15
North Sudan	600	WADI HALFA	350	13	50	02	0	0	—	13.8	30	5	-13
	640	ABU HAMAD	360	5	30	02	0	0	—		32	7	-9
	660	KAREIMA	10	13	50	02	0	0	—	11.3	32	5	-12
	685	'ATBARA	340	13	10	07	1	1	Ci	8.6	33	5	-11
	721	KHARTUM	330	10	30	01	1	1	Ci	8.4	34	5	-10
	730	KASSALA	340	5	30	03	0	2	Ci	4.7	37	18	9
Central Sudan	751	WAD MEDANI											
	801	RENK	310	9	35	02	0	2	Ci	8.3	36	12	2
	802	ROSEIRES	360	9	35	02	0	0	—	5.8	37	10	0
	771	EL OBEID	30	10	30	03	1	5	Cs	9.3	32	7	-9
	760	EL FASHER	10	8	30	03	0	2	Cs		31	5	-13
	770	GENEINA	20	8	30	03	0	1	Cs		34	4	-13
S. Sudan	840	MALAKAL	40	9	30	02	2	8	Cs		37	7	-4
	880	WAU											
	941	JUBA	50	2	30	02	2	7	Cu, Cs	5.0	36	27	14

At 1800 on Saturday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	200	13	15	30	3	0	—	8.0	28	12	-4	0
SIDI BARANI	190	15	14	00	0	0	—	8.8	25	22	2	0
MATRUH	210	10	14	00	0	0	—	11.7	24	14	-6	0
EL DABA	00	0	7	03	2	6	Sc	12.2	20	41	6	0
ALEXANDRIA	00	0	35	02	2	4	Cs, Ci	14.3	20	41	6	0
FOUAD (Airport)	60	2	12	02	2	5	ac, Cs	13.9	18	64	11	0
DAMIETTA	320	2	7	00	0	0	—	15.2	19	73	14	0
PORT SAID	80	6	18	03	2	4	ac, Ci	14.6	20	56	11	0
EL 'ARISH	00	0	12	02	1	2	Ci	14.6	17	83	14	0
DAMANHUR	40	5	15	02	1	1	Ci	15.5	19	64	12	0
MANSURA	220	3		00	1	0	—	14.7	21	41	7	0
TANTA	00	0	35	00	0	0	—	14.9	20	33	3	0
ZAGAZIG	320	1	35	02	1	0	—	13.8	20	46	8	0
ISMAILIA	360	2	35	01	1	1	ac	14.7	21	41	7	0
FAROUK (Airport)	00	0	12	00	1	0	—	15.1	22	31	4	0
ALMAZA	130	1	12	01	0	0	—	14.4	24	32	6	0
EZBEKIYA	00	0	12	00	0	0	—	14.6	20	38	5	0
GIZA	00	0	12	00	0	0	—	14.7	18	52	8	0
HELWAN	00	0	15	01	0	0	—	14.3	23	12	-8	0
FAIYUM	00	0	35	01	0	0	—	14.2	21	41	7	0
MINYA	00	0	8	00	0	0	—	14.5	22	36	6	0
ASYUT MANQABAD	00	0	10	00	0	0	—	14.4	23	32	5	0
NAG' HAMMADI	360	2	15	00	0	0	—	15.4	21	57	12	0
QENA	320	2	7	00	0	0	—	14.8	27	20	2	0
LUXOR	340	4	12	00	0	0	—	13.0	26	11	-7	0
ASWAN	330	4	50	00	0	0	—	13.9	26	32	8	0
SIWA												
BAHARIYA	00	0	15	02	0	0	—	15.4	22	36	6	0
FARAFRA	00	0	15	02	0	0	—	16.4	24	30	5	0
DAKHLA	320	3	50	00	0	0	—	16.8	25	17	-2	0
KHARGA	00	0	15	00	0	0	—	15.9	24	24	12	0
SUEZ	00	0	35	01	0	0	—	14.0	22	29	3	0
TOR	310	5		02	0	0	—	12.2	23	50	12	0
HURGHADA	290	10	12	00	0	0	—	12.3	24	38	9	0
QUSEIR	360	5	15	02	0	0	—	12.3	22	50	11	0
PORT SUDAN	340	8	30	02	0	1	ac	11.7	25	70	19	0
WADI HALFA	340	3				0	—	13.3	24	14	-6	0
ABU HAMAD	340	4	30	02	0	0	—		25			
KAREIMA	340	7	30	02	0	0	—	11.0	25	19	0	0
'ATBARA	340	5	30	02	0	0	—	9.7	27	10	-7	0
KHARTUM	350	5	30	02	0	1	Ci	9.0	28	9	-8	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL	340	3	30	01	2	2	Ci	7.7	30	14	0	0
WAU												
JUBA	180	5	30	01	1	1	Ci	5.7	31	43	17	0

At 0600 on Sunday 22nd April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	9	15	00	0	1	as	8.5	-5.2	20	33	+7	13	-1	56	11	0	70	
SIDI BARANI	260	10	14	00	0	4	Sc	8.4		18	31		16		83	15	0	108	
MATRUH	310	10	14	00	0	0	—	8.8	-5.7	18	30		15		68	12	0	51	
EL DABA	270	8	15	00	0	0	—			23	27		15		69	17	0	54	
ALEXANDRIA	180	15	50	00	0	0	—	9.0	-5.3	21	23	-1	16	0	20	-3	0	62	183
FOUAD (Airport)	220	4	18	02	0	0	—	8.6		22	25		15		29	3	0	63	138
DAMIETTA	180	5	15	00	0	0	—	11.1	-3.0	21	24	+1	16	+1	50	10	0	Rain	103
PORT SAID	170	12	12	01	0	0	—	10.2	-3.0	21	24		16		41	7	0	18	
EL 'ARISH											23	-1							90
DAMANHUR	230	13	7	03	0	0	—	10.2	-3.9	23	27	-1	14	+1	24	1	0	35	77
MANSURA	180	5	35	00	0	0	—	10.3	-4.0	21	28	0	13	0	33	4	0	31	51
TANTA	180	13	35	00	0	0	—	12.0	-2.4	23	28	-1	9	-3	24	1	0	23	38
ZAGAZIG	220	1	35	02	0	0	—	11.5	-2.9	20	28	-1	16	+4	41	6	0	Rain	26
ISMAILIA	180	2	35	01	0	0	—	11.8		23	27		16		44	10	0	17	
FAROUK (Airport)	200	20	12	00	0	0	—	12.1		25	27		15		34	8	0	Rain	
ALMAZA	200	16	12	00	0	0	—	11.4	-2.8	22	27		18		36	6	0	12	
EZBEKIYA	00	0	12	00	0	0	—	11.6	-2.6	21	28	-1	16	+2	28	2	0	11	24
GIZA	00	0	12	00	0	0	—	11.9	-2.4	23	29	0	13	+2	24	1	0	11	24
HELWAN	00	0	7	02	0	0	—	11.9	-1.9	20	28	-2	16	+1	17	-6	0	12	27
FAIYUM	00	0	35	02	0	0	—	13.3	-0.7	20	29	-2	14	0	33	3	0	8	8
MINYA	160	6	10	00	0	0	—	13.5	+0.2	22	30		12		25	1	0	3	
ASYUT MANQABAD	00	0	12	00	0	0	—	13.7	+0.4	22	30		15		25	1	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	14.2	+1.6	22	31	-2	12	-2			0	0.1	
QENA	290	2	15	00	0	0	—	14.4	+2.4	24	34	-2	15	-2	26	3	0	0	
LUXOR	250	4	30	00	0	0	—	13.2	+1.0	25	32		13		11	-8	0	0	
ASWAN											30	-6							
SIWA																			8
BAHARIYA	220	8	35	02	1	2	Ci	13.8	-0.8	24	30	-1	12	-1	26	3	0	0	7
FARAFRA	180	1	35	02	0	1	Ac	13.8		23	30		12		27	3	0	dr.	
DAKHLA	00	0	50	00	0	0	—	15.2	+1.8	19	30	-5	12	-4	30	1	0	0	
KHARGA	00	0	35	00	0	0	—	15.1	+2.3	21	30	-4	14	-3	26	1	0	0	
SUEZ	00	0	50	00	0	0	—	12.3	-1.5	23	29	0	15	-1	44	10	0	5	16
TOR	160	19	15	02	0	0	—	12.4	+0.5	23	30	+2	18	+1	50	12	0	4	13
HURGHADA	330	4	30	00	0	0	—	12.2	+0.2	23	25		16		61	15	0	dr.	
QUSEIR	330	9	15	02	0	0	—	13.3	+1.5	26	26	-2	19	-2			0	dr.	4
PORT SUDAN	360	1	30	02	0	1	Sc	11.3		27	30		17		37	11	0	152	96
WADI HALFA	350	1	50	02	0	0	—	14.8		19	32		14		23	-3	0	dr.	
ABU HAMAD	360	8	30	02	0	0	—			23	33		17		10	-11	0		
KAREIMA	30	3	50	02	0	0	—	13.4		21	33		17		20	-3	0	dr.	1
'ATBARA	20	3	10	03	0	0	—	10.8		24	34		19		13	-7	0	0.3	3
KHARTUM	20	9	30	03	0	1	Cs	11.4		23	35		16		11	-9	0	dr.	4
KASSALA	50	4	30	02	0	0	—	7.8		29	38		18		18	2	0	3	11
WAD MEDANI	50	13	35	02	0	0	—	10.3		26	37		14		6	-15	0	46	14
RENK																			54
ROSEIRES																			49
EL OBEID	360	12	30	03	1	7	Cs	11.7		23	34		16		12	-8	0	7	18
EL FASHER	360	2	30	01	1	3	Ci			16	33		9		13	-13	0	6	6
GENEINA	50	11	30	02	0	1	Ci			20	35		17		18	-5	0		6
MALAKAL	20	16	30	01	1	2	Ci	8.4		28	38		17		11	-5	0	70	114
WAU																			216
JUBA	180	5	30	03	1	3	ac, Ci	8.3		28	37		17		55	18	0	225	267

HUMIDITY %

Station	Mean of day on 21st	Diff. from normal
Alexandria	62	-6
Ezbekiya	53	0
Giza	63	+8
Helwan	36	-4

GIZA GRASS MINIMUM TEMP. ON 22nd 8.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 21st At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	132	26	18	00	0
950					
900					
850	1533	15	32	360	16
800					
700	3143	4	38	310	24
600					
500	5795	-16		310	36
400	7415	-30		290	42
300	9400	-46		300	41

Helwan Obs AIRPORT — On 21st At 8½

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	201	20	43	230	12
950					
900					
850	1620	19	43	330	10
800					
700	3231	7	34	310	25
600	4511	0	32	300	16
500	5949	-8		300	32
400	7616	-18		280	22
300	9699	-33		280	28

UPPER WIND OBSERVATIONS on 21st

Station	Dakhla		Matruh		Hurghada		Asyut		Minya		Port Said		Siwa										Fouad A.P.		P. Said	
Time	14		14		14		14		14		14		14										20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	220	5	90	13	360	10	310	9	340	8	50	9	220	16									170	8	40	2
600	220	8			340	10	320	10	330	15	70	3	210	19									220	11	250	4
1000	240	7			330	11	320	13	320	16	10	4	210	27									240	20	250	9
1500	210	9			300	9	320	10	310	13	90	2	210	27									270	18	280	9
2000	250	13			320	12	340	23			180	2	210	14									280	12		
3000					320	11	330	24					260	20												
4000							320	23					260	22												
5000							320	31					290													
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time			4		2		2				7	15	2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			270	14	210	30	160	16			180	10	180	12									
600			270	15	220	27	200	13			190	27	230	20									
1000			270	17	230	24	260	8			230	24	260	8									
1500			280	25			260	10			250	29	270	2									
2000			290	35			260	10															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time															4				5		5		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600															360	21							10	29
1000															20	31			10	31	20	7	20	30
1500															10	14			40	15	40	15	40	11
2000															360	14			30	11			270	2
3000															270	4			210	6	20	9	90	5
4000															30	1							110	16
5000															360	14			30	11			30	5
6000															270	4								
7000															230	7								
8000																								

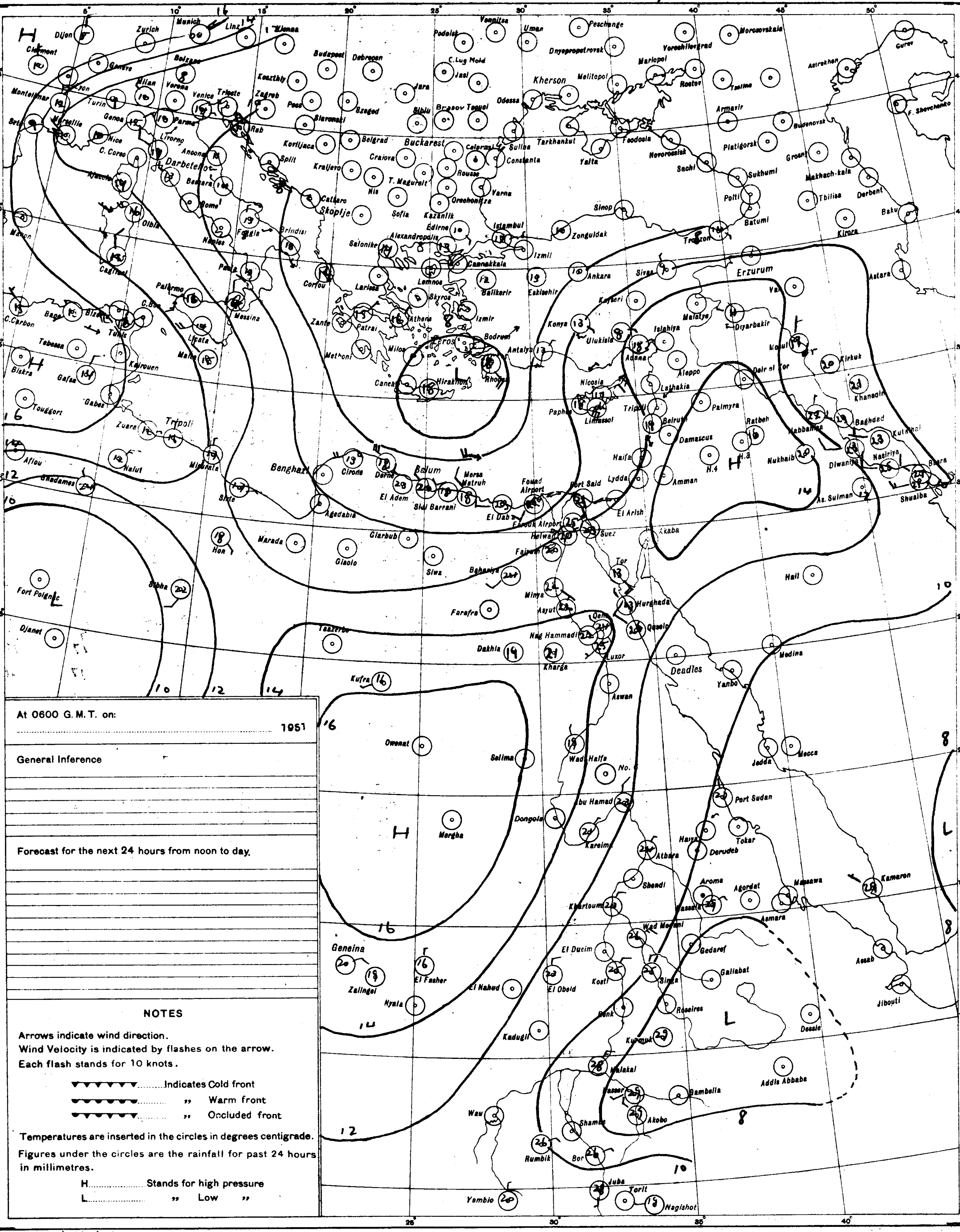
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49.357) (50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 22-4-1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	
	State of sky generally unchanged	02	
	Clouds developing	03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	
	Drizzle	20	
	Rain	21	
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

M.A.H.

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 21 G. M. T.

" " Sunset 16 26 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Monday 23rd April, 1951

At 1200 on Sunday 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
	62900	SALUM	110	2	35	03	2	4	CS	7.4	23	65	16
	303	SIDI BARANI	310	14	14	00	0	0	—				15
	306	MATRUH											
	309	EL DABA	320	7	35	00	0	0	—	6.7	20	64	13
		ALEXANDRIA	310	11	35	00	0	0	—	7.8	21	65	14
	318	FOUAD (Airport)	320	17	10	02	3	0	—	7.6	22	69	16
	330	DAMIETTA	320	9	35	09	3	0	—	6.7	24	47	12
	33[illegible]	PORT SA'ID	220	16	12	02	0	0	—	5.2	32	26	10
	33[illegible]	EL 'ARISH											
	38[illegible]	DAMANHUR	230	13	15	02	0	0	—	7.6	28	22	4
	42[illegible]	MANSURA	220	9	35	30	3	0	—	6.6	33	16	4
	[illegible]	TANTA	210	16	35	00	0	0	—	6.5	34	14	3
	[illegible]	ZAGAZIG	220	4	3	31	3	0	—	6.3	32	20	6
	[illegible]	ISMA'ILIA	250	13	7	06	0	0	—	7.4	32	10	-3
		FAROUK (Airport)											
		ALMAZA	240	20	8	00	0	0	—	7.3	34	27	12
		EZBEKIYA	220	16	18	00	0	0	—	6.8	33	10	2
		GIZA	220	16	18	00	0	0	—	7.6	34	14	3
		HELWAN	200	20	7	32	3	0	—	6.7	33	5	-13
	[illegible]	FAIYUM	360	8	35	02	0	0	—	8.7	34	6	-8
	[illegible]	MINYA	250	6	12	00	1	0	—	9.3	35	5	-11
	[illegible]	ASYUT MANGABAD	240	8	30	00	0	0	—	9.8	34	13	2
	[illegible]	NAG' HAMMADI	00	0	35	00	0	0	—	10.7	33	24	10
	[illegible]	QENA	320	2	50	00	0	0	—	10.6	35	12	1
	105	LUXOR											
	114	ASWAN	00	0	50	00	0	0	—	10.3	33	10	-3
	417	SIWA	270	19	10	02	2	5	ac ci	9.5	34	44	20
	420	BAHARIYA	270	7	35	02	0	0	—	9.1	36	20	10
	423	FARAFRA	270	1	35	02	0	0	—	9.5	36	17	7
	432	DAKHLA	00	0	50	00	0	0	—	11.6	35	15	5
	435	KHARGA	00	0	35	00	0	0	—	11.9	35	12	1
	450	SUEZ	180	2	50	02	0	0	—	7.8	28	33	10
	459	TOR	130	13	35	02	0	0	—		27	42	13
	462	HURGHADA											
	465	QUSEIR	40	9	15	02	0	0	—		26	55	16
	641	PORT SUDAN											
	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA	340	13	10	07	0	0	—	6.4	35	6	-8
	721	KHARTUM	20	10	50	02	0	1	ci	6.5	35	7	-7
	730	KASSALA	320	5	30	02	0	0	—	3.1	38	11	3
	751	WAD MEDANI											
	801	RENK	310	9	35	02	0	1	ci	5.0	38	15	7
	809	ROSEIRES	360	9	35	02	0	0	—	3.0	39	10	2
	771	EL OBEID											
	760	EL FASHER	50	10	30	02	0	1	ci		32	6	-11
	770	GENEINA											
	840	MALAKAL											
	880	WAU	340	5	30	01	1	1	ci	3.9	38	7	-4
	941	JUBA	50	5	10	05	1	5	cu, cs	2.8	38	14	6

At 1800 on Sunday 22nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI	330	16	13	02	0	1	sc	6.5	17	83	14	0
MATRUH	340	13	10	03	1	4	ac	6.3	17	68	11	0
EL DABA												
ALEXANDRIA	310	13	35	01	1	3	sc, cu	6.4	17	88	15	0
FOUAD (Airport)	290	11	12	02	0	0	—	6.1	18	83	15	0
DAMIETTA	290	5	7	00	0	0	—	6.4	18	88	16	0
PORT SA'ID	320	14	12	02	0	0	—	4.8	22	69	16	0
EL 'ARISH	240	5	12	00	0	0	—	4.8	22	57	13	0
DAMANHUR	40	9	15	02	0	0	—	6.3	20	49	9	0
MANSURA	140	5		00	0	0	—	5.9	20	64	13	0
TANTA	300	15	35	00	0	0	—	7.3	20	73	15	0
ZAGAZIG	320	1	35	03	3	4	ci	7.1	22	57	13	0
ISMA'ILIA	20	5	35	03	1	5	ac	6.2	22	74	17	0
FAROUK (Airport)												
ALMAZA	350	4	12	03	1	4	cc	5.0	28	33	10	0
EZBEKIYA	00	0	12	00	0	6	ac, ci	6.2	26	30	7	0
GIZA	00	0	12	00	0	6	ac, ci	5.9	25	28	5	0
HELWAN	290	5	7	03	3	6	ac	5.3	27	9	-8	0
FAIYUM	00	0	35	03	1	2	cu, sc	6.6	27	55	17	0
MINYA	160	5	10	00	0	0	—	7.4	23	29	4	0
ASYUT MANGABAD												
NAG' HAMMADI	270	1	15	00	0	0	—	9.8	24	54	14	0
QENA	270	2	7	00	0	0	—		26	30	7	0
LUXOR	360	3	12	00	0	0	—	9.1	29	14	-1	0
ASWAN	00	0	50	00	0	0	—	9.2	30	11	-4	0
SIWA												
BAHARIYA	00	0	15	02	0	0	—	7.9	27	33	9	0
FARAFRA												
DAKHLA												
KHARGA												
SUEZ	180	5	35	03	0	2	ci	5.3	23	61	15	0
TOR	130	13	7	02	0	0	—	7.9	25	34	8	0
HURGHADA	160	6	12	00	0	0	—	7.5	22	78	18	0
QUSEIR	90	9	15	02	0	0	—	9.8	24	74	19	0
PORT SUDAN	270	2	30	02	0	0	—	9.7	24	65	17	0
WADI HALFA	00	0	50	02	0	0	—	9.8	29	19	3	0
ABU HAMAD	310	2	50	02	0	0	—		28	16	0	0
KAREIMA	10	5	30	02	0	0	—	8.5	29	12	-3	0
ATBARA	340	5	30	02	0	0	—	7.2	28	11	-5	0
KHARTUM	330	5	30	02	0	0	—	7.2	28	15	-1	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	6	30	01	1	0	—	7.7	26	12	-6	0
EL FASHER	90	7	30	02	0	1	ci		26	11	-7	0
GENEINA	20	6	30	02	0	2	cs		27	13	-4	0
MALAKAL	20	4	30	01	2	0	—	4.5	31	16	2	0
WAU	00	0	30	02	0	0	—	4.4	31	17	3	0
JUBA	00	0	10	05	1	2	ci	4.3	29	22	5	0

At 0600 on Monday 23rd April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SIDI BARANI	310	21	10	07	2	6	cb, as	8.0		17	21		16		77	13	0	108	
MATRUH	330	23	14	03	2	7	cb, ac	8.0	-6.5	18	22		16		73	13	0	51	
EL DABA																			
ALEXANDRIA	310	22	50	03	2	6	cb	5.9	-8.4	18	25	+1	16	0	83	15	0	62	183
FOUAD (Airport)	300	10	18	02	2	7	cu, sc	5.8		19	23		16		73	14	0	63	138
DAMIETTA											32	+8							103
PORT SA'ID	310	9	10	01	2	4	sc	3.6?	-9.5	20	32		18		78	16	0	18	
EL 'ARISH											34	+9							90
DAMANHUR	310	9	7	02	1	3	cu	6.7	-7.4	20	29	+1	15	+2	64	13	0	35	97
MANSURA	320	5	35	03	1	2	cu	5.1	-9.2	20	34	+5	19	+6	73	15	0	31	51
TANTA	310	13	35	03	2	6	cu, sc			18	34	+5	15	+3	73	13	0	23	39
ZAGAZIG	320	1	35	02	0	0	—	5.1	-9.3	21	34	+5	19	+7	74	16	0	Rain	26
ISMA'ILIA	290	9	35	03	1	6	ns	5.0		20	34		17		73	15	0	17	
FAROUK (Airport)	320	12	10	01	1	1	cu	5.7		19			14		73	14	0	Rain	
ALMAZA	10	11	15	00	0	0	—	5.2	-9.0	18	34		14		83	15	0	12	
EZBEKIYA	350	14	12	00	0	0	—	5.8	-8.4	20	35	+5	16	+2	64	13	0	11	24
GIZA	350	14	12	00	0	0	—	5.5	-8.7	20	34	+4	14	+3	64	13	0	11	24
HELWAN	340	19	7	01	1	1	st.	5.0	-8.8	18	34	+4	16	+1	73	13	0	12	27
FAIYUM	360	12	7	00	0	0	—	6.4	-7.5	19	35	+4	16	+2	64	12	0	8	8
MINYA	320	16	8	00	0	0	—	4.7?	-8.6	24	36		16		14	-6	0	3	
ASYUT MANGABAD																			
NAG' HAMMADI	00	0	15	00	0	0	—	6.4	-6.1	29	35	+2	16	+1	40	14	0	0.1	
QENA											36	0							
LUXOR	270	2	30	00	0	0	—	7.2	-5.0	26	37		21		17	-1	0	0	
ASWAN	00	0	50	00	0	0	—	9.0	-2.9	24	34	-2	20	0	47	12	0	0	
SIWA																			8
BAHARIYA	320	6	35	02	0	0	—	7.9	-6.6	19	37	+5	16	+2	73	14	0	0	7
FARAFRA																			
DAKHLA																			
KHARGA	00	0	35	00	0	0	—	6.8	-5.9	24			16	-1	26	3	0	0	
SUEZ	310	7	50	00	0	0	—	3.9	-9.9	20	28	-1	16	0	64	13	0	5	16
TOR	200	5	7	02	0	0	—	3.8	-8.0	29	30	+1	22	+5	37	13	0	4	13
HURGHADA	210	19	30	00	1	0	—	2.6	-9.4	28	29		18		37	12	0	dr.	
QUSEIR	270	13	15	02	0	0	—	4.8	-7.0	30	28	0	20	-1	38	14	0	dr.	4
PORT SUDAN	00	0	30	02	0	0	—	8.7		29	31		17		43	15	0	152	96
WADI HALFA	130	4	50	02	0	0	—	10.0		25	35		16		14	-5	0	dr.	
ABU HAMAD	360	4	30	02	0	0	—			28	36		17		19	2	0		
KAREIMA	70	4	30	02	0	0	—	10.4		26	35		16		21	2	0	dr.	1
ATBARA	340	9	30	02	0	0	—	9.6		24	36		17		15	-5	0	0.3	3
KHARTUM	10	10	30	02	0	1	ci	8.8		26	37		15		14	-4	0	dr.	5
KASSALA	40	8	30	01	2	0	—	5.9		31	39		15		10	-4	0	3	11
WAD MEDANI	90	5	35	02	1	4	ci	7.6		27	37		15		8	-10	0	46	14
RENK	360	7	35	02	0	2	ci	8.8		29	39		17		29	9	0		54
ROSEIRES	360	5	35	02	0	0	—	9.0		24	40		13		30	5	0	0	49
EL OBEID	20	6	30	03	0	1	ci	9.1		25	35		14		14	-5	0	7	18
EL FASHER	340	2	30	01	1	1	ci			17	34		9		14	-11	0	6	6
GENEINA	50	10	30	02	0	2	ci			21	35		13		7	-18	0		7
MALAKAL	20	5	30	01	1	4	cs	7.0		28	39		19		12	-4	0	70	115
WAU	20	5	30	02	0	0	—	7.1		32	39		23		14	1	0	145	218
JUBA	190	9	30	05	2	3	ac, ci	7.8		28	38		21		62	20	0	225	271

HUMIDITY %

STATION	Mean of day on 22nd	Diff. from normal
Alexandria	50	-18
Ezbekiya	25	-28
Giza	24	-31
Helwan	18	-22

GIZA GRASS MINIMUM TEMP. ON 23rd 11.4

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 22nd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1483	20		270	26
800					
700	3111	5	41	270	43
600					
500	5748	-14		290	45
400	7401	-27		290	48
300	9416	-41		290	81

RAWINSONDE — ... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Height m.	Hurghada Dir.	Hurghada Vel.	Port Said Dir.	Port Said Vel.	Mal ruh Dir.	Mal ruh Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	El Arish Dir.	El Arish Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Minya Dir.	Minya Vel.
Time	14	15	14		14		14		14		14		14		14		20		20	
300	140	9	320	21	300	25	250	15	250	8	280	20	310	9	340	17	10	9	260	4
600	140	11	290	27	270	35	160	12	230	9	270	12	300	15	340	8	330	8	250	5
1000	170	8	280	26	280	30	260	16	240	13	260	9	290	16	230	31	260	11	240	4
1500	250	36			290	42	270	14			260	12			230	37	250	28	260	4
2000	260	21			280	31					290	18					340	33		
3000	290										310	30								
4000																				
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 23rd

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time					4												4 30						4 15	
300					340	19											260	8					340	22
600					310	16											240	3					330	22
1000					300	16											260	10						
1500																	230	22						
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									4		4		4						4					
300									260	3														
600									290	6	20	19	30	17										
1000									300	5	30	16	30	19					20	25				
1500											30	8	30	14					30	24				
2000																								
3000											10	7	30	16					60	5				
4000											340	19							250	7				
5000													340	9					190	5				
6000													250	19					260	5				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

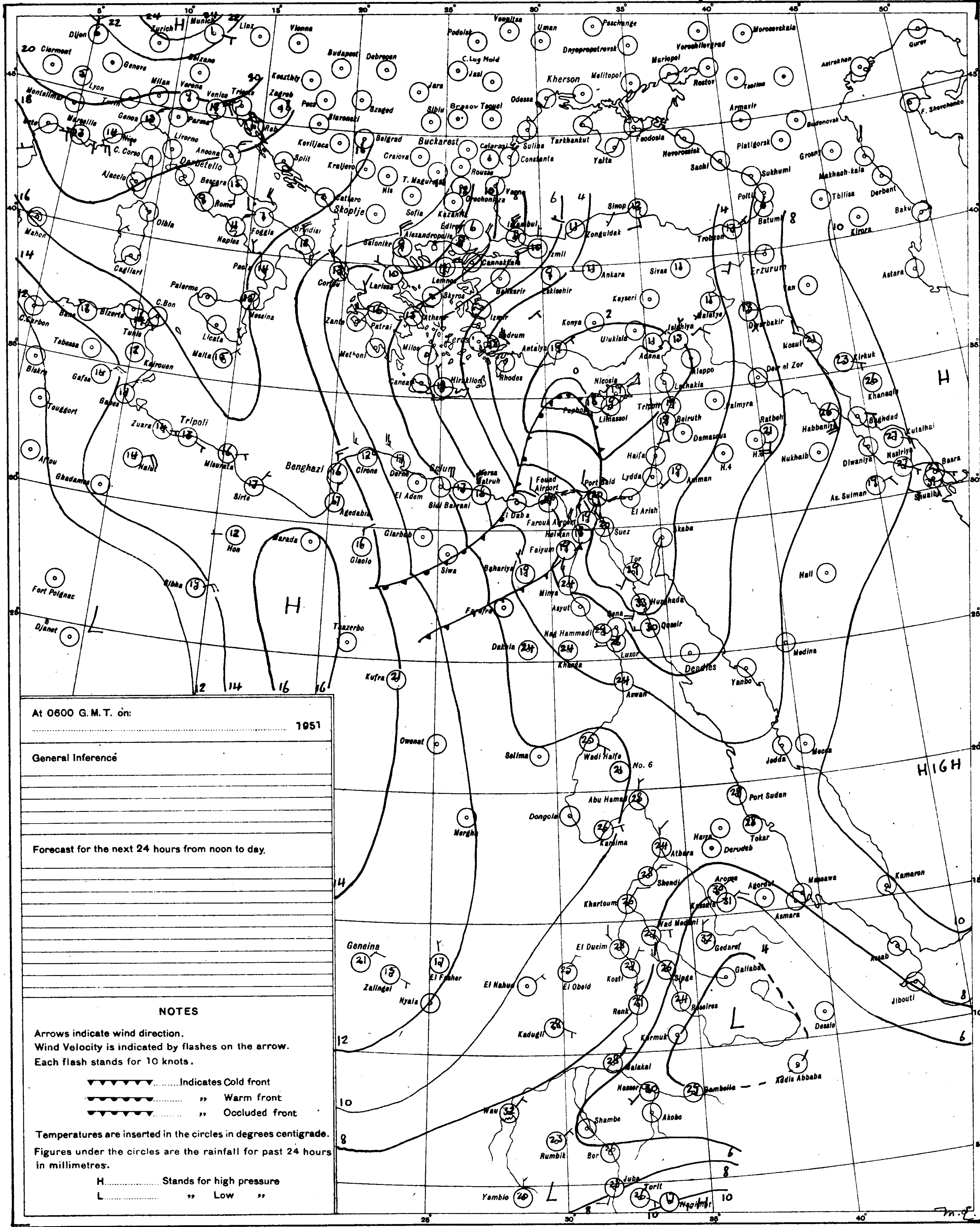
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 23/4/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front

▼▼▼▼▼▼ .... ,, Warm front

▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure

L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	8	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 20 G.M.T.
" " Sunset 16 27 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

DAILY WEATHER REPORT

Date: *Tuesday 24th April,* 1951

At 1200 on *Monday 23rd*

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C
Mediterranean	62300	SALŪM	290	13	35	02	2	6	Cu, Ac	10.3	21	57	12
	303	SĪDI BARĀNI	310	20	13	02	2	6	Cu, Sc	9.6	19	73	14
	306	MATRŪH	320	19	10	02	2	7	Cu, Sc	9.5	20	64	13
	309	EL DABʻA	320	12	35	03	2	8	St	7.8	19	73	14
		ALEXANDRIA	310	22	50	02	2	6	Cb	7.5	20	64	13
	318	FOUAD (Airport)	280	18	18	02	2	7	Cu, Ci	7.3	20	69	14
	330	DAMIETTA	220	13	50	03	0	6	Cu	5.9	21	74	16
	333	PORT SAʻĪD	310	21	18	01	0	1	Sc	3.9?	22	65	15
	336	EL ʻARISH	320	12	18	03	1	4	Cu, Ac	3.4	22	61	14
	339	DAMANHŪR	310	13	15	02	1	4	Cu	7.4	23	50	12
	342	MANSŪRA	320	9	35	03	1	5	Cu	6.8	24	47	12
	348	TANTA	270	13	35	03	2	6	Cu, Sc	7.0	24	47	12
	354	ZAGAZIG	320	3	50	03	1	0	—	6.8	26	42	12
	440	ISMAʻILIA	290	13	7	06	2	7	Ac	4.8	27	42	13
	366	FAROUK (Airport)	300	18	18	02	1	7	Cu, Ci	6.1	26	40	11
	[illegible]	ALMĀZA	330	17	12	07	2	7	Cu, Ci	5.3	26	37	10
		EZBEKIYA	310	18	18	02	1	7	Ci	6.2	26	35	9
		GĪZA	310	18	18	02	1	7	Ci	5.8	27	33	9
	378	HELWĀN	290	20	15	07	2	8	Cu, Ci	5.4	26	30	7
	381	FAIYŪM	360	9	7	03	0	5	Cb	7.0	26	48	14
	387	MINYA	340	14	10	00	0	0	—	5.7	29	23	6
	393	ASYŪT MANQABĀD	320	12	8	10	0	0	—	5.7	30	29	10
	399	NAGʻ HAMMADI	320	10	35	00	0	0	—	5.1	32	28	11
	402	QENA	340	3	50	00	0	0	—	5.1	35	12	1
	405	LUXOR	230	24		34	3	0	—				-1
	414	ASWĀN	270	10	7	07	4	0	—	5.5	37	8	-3
Oases	417	SĪWA	270	14	10	00	0	0	—	11.5	26	25	4
	420	BAHARĪYA	270	15	35	02	1	3	Ac	8.6	27	37	11
	423	FARAFRA	320	1	35	02	0	0	—	10.2	27	20	2
	432	DAKHLA	340	14	35	42	3	0	—	6.7	31	22	7
	435	KHARGA	220	9	7	07	0	0	—	6.4	34	18	6
Red Sea	450	SUEZ	310	6	50	03	0	6	Cu, Ci	3.9	28	27	7
	459	TŌR	310		35	02	0	0	—	1.5	29	35	12
	462	HURGHADA	270	16	8	00	?	0	—	0.3?	36?	40	20
	465	QUSEIR	270	19	1	09	3	0	—	2.0	38	3	-14
	641	PORT SŪDĀN											
North Sūdān	600	WĀDI HALFA	270	12	50	03	0	2	Ci	6.6	38	6	-7
	640	ABU HAMAD	350	9	30	02	0	0	—		37	11	1
	660	KAREIMA											
	680	ATBARA											
	721	KHARTŪM	30	10	50	02	0	0	—	4.1	37	4	-11
	730	KASSALA	310	5	30	01	0	0	—	1.6	39	7	-3
Central Sūdān	751	WĀD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	8	30	02	0	1	Ci	4.3	35	10	-1
	760	EL FĀSHER	70	8	30	02	0	1	Ci		34	5	-10
	770	GENEINA	110	8	30	03	0	3	Ci		34	3	-17
S. Sūdān	840	MALAKĀL	20	5	30	03	1	5	Cs	2.6	39	4	-10
	880	WĀU	50	7	30	03	1	2	Ci	2.8	38	6	-7
	941	JUBA	180	9	10	05	1	7	Cu, Ci	2.1	37	29	16

At 1800 on *Monday 23rd*

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C	Humidity %	Dew point °C	Rain past 12 hrs mms
SALŪM	290	13	15	01	1	3	Ci	11.6	17	68	11	0
SĪDI BARĀNI	310	19	13	01	2	5	Sc	10.7	17	77	13	0
MATRŪH	310	18	8	02	2	7	Sc, Cu	10.8	18	73	13	0
EL DABʻA												
ALEXANDRIA	310	19	35	01	2	4	Cu	10.7	18	73	13	0
FOUAD (Airport)	300	12	14	03	2	5	Sc	9.9	18	73	13	0
DAMIETTA	290	13	7	02	3	4	Cu	8.3	18	88	16	0
PORT SAʻĪD	290	19	18	01	1	4	Sc	7.6	19	73	14	0
EL ʻARISH	320	8	12	02	1	2	Cu, Ac	7.8	19	78	15	0
DAMANHŪR	360	9	7	02	1	2	Cu	10.6	17	68	11	0
MANSŪRA	320	5		00	1	0	—	9.5	19	64	12	0
TANTA	00	0	35	01	1	4	Cu, Sc	9.8	18	60	10	0
ZAGAZIG	320	1	35	02	1	0	—	9.0	18	73	13	0
ISMAʻILIA	340	5	35	01	0	0	—	9.3	20	56	11	0
FAROUK (Airport)	290	10	12	00	0	0	—	10.2	19	73	14	0
ALMĀZA	330	13	12	02	2	7	As	10.0	20	56	11	0
EZBEKIYA	350	6	12	00	0	0	—	9.6	19	64	12	0
GĪZA	350	6	12	00	0	0	—	10.0	19	64	12	0
HELWĀN	320	9	7	02	2	8	Ci	9.8	19	52	9	0
FAIYŪM	360	5	35	03	2	6	Cb	10.3	20	56	11	0
MINYA	10	11	8	02	2	6	Ci	8.7	21	41	7	0
ASYŪT MANQABĀD	320	10	10	00	0	0	—	8.7	22	53	12	0
NAGʻ HAMMADI	320	3	15	00	0	0	—	7.1	25	34	8	0
QENA	320	2	7	00	0	0	—	6.7	28	16	0	0
LUXOR	260	7	12	00	0	0	—	6.6	28	13	-3	0
ASWĀN	320	15	15	00	1	0	—	6.3	31	28	10	0
SĪWA	310	5	10	00	1	0	—	12.2	23	34	6	0
BAHARĪYA	320	4	15	02	1	0	—	10.2	22	50	11	0
FARAFRA												
DAKHLA	340	5	35	40?	4?	0	—	9.6	25	34	8	0
KHARGA	320	2	7	00	0	0	—	8.7	26	18	0	0
SUEZ	310	8	35	01	0	0	—	9.1	21	50	10	0
TŌR	40	30		02	0	0	—	5.1	22	44	9	0
HURGHADA	330	26	12	03	1	3	Ci	3.7	25	34	8	0
QUSEIR	330	13	15	02	0	0	—	3.4	30?	25	8	0
PORT SŪDĀN	150	2	30	02	0	0	—	6.8	26	62	18	0
WĀDI HALFA	310	10	30	02	0	1	Ci	6.3	32	9	-5	0
ABU HAMAD	350	1	30	02	0	0	—		31	11	-2	0
KAREIMA	340	4	30	02	0	0	—	7.1	30	13	-1	0
ATBARA	360	5	30	02	0	0	—	5.9	30	14	0	0
KHARTŪM	360	5	50	02	0	0	—	5.9	30	9	-6	0
KASSALA												
WĀD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	6	30	01	1	0	—	5.8	29	14	-1	0
EL FĀSHER	70	4	50	01	0	0	—		28	14	-2	0
GENEINA	20	2	30	02	1	0	—		29	10	-6	0
MALAKĀL												
WĀU												
JUBA	180	5	7	04	2	0	—	4.1	31	38	15	0

At 0600 on *Tuesday 24th April,*

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C	Rainfall Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	340	9	15	00	1	2	Cu, Ci	13.4	-0.2	17	22	-4	12	-2	60	9	0	90	
SĪDI BARĀNI	300	15	14	00	0	5	Sc	12.3		16	20		14		72	11	0	108	
MATRŪH	300	10	14	01	0	1	Sc, Cu	12.6	-1.9	17	21		10		64	10	0	51	
EL DABʻA																			
ALEXANDRIA	270	10	50	02	2	4	Cu	12.0	-2.2	19	22	-2	16	0	64	12	0	62	183
FOUAD (Airport)	270	4	14	03	1	5	Sc	12.1		19	22		16		73	14	0	63	138
DAMIETTA	220	5	7	01	1	3	Cu, Ac	12.7	-1.3	19	22	-2	13	-2	83	16	0	Rain	103
PORT SAʻĪD	270	10	12	02	0	1	Cu	11.1?	-2.0	19	23		16		78	15	0	18	
EL ʻARISH	270	5	18	02	1	4	Sc	11.4	-2.4	19	23	-2	15	+2	73	14	0	Rain	90
DAMANHŪR	360	9	7	02	0	0	—	12.8	-1.3	20	24	-4	13	0	64	13	0	35	97
MANSŪRA	270	5	35	03	1	6	Sc, Cu	12.3	-2.0	18	26	-3	14	+1	83	15	0	31	51
TANTA	40	2	35	02	0	0	—	12.2	-2.2	18	26	-3	11	-1	73	13	0	23	39
ZAGAZIG	320	1	35	02	0	0	—	11.9	-2.5	19	27	-2	12	0	73	14	0	Rain	26
ISMAʻILIA	290	5	35	01	0	0	—	12.6		20	28		14		64	13	0	17	
FAROUK (Airport)	250	6	18	01	1	4	Cu	13.4		18	27		15		73	13	0	Rain	
ALMĀZA	290	6	12	03	2	5	Cu	13.0	-1.1	18	26		15		78	14	0	12	
EZBEKIYA	00	0	12	02	1	5	Cu, As	13.2	-0.9	19	26	-4	14	-1	73	14	0	11	24
GĪZA	00	0	12	02	1	5	Cu, As	13.3	-0.9	19	28	-2	11	-1	73	14	0	11	24
HELWĀN	00	0	7	05	1	3	Cu	13.6	-0.1	17	26	-4	13	-2	68	11	0	12	27
FAIYŪM	00	0	35	01	1	4	Cu	14.6	+0.8	16	28	-3	13	-1	88	14	0	8	8
MINYA	20	6	8	00	0	0	—	13.9	+0.7	17	31		11		68	11	0	3	
ASYŪT MANQABĀD	20	1	8	10	0	0	—	14.0	+0.9	18	31		14		88	16	0	dr.	
NAGʻ HAMMĀDI	360	5	15	00	0	0	—	12.2	-0.2	22	35	+2	15	0	44	9	0	0.1	
QENA	320	2	15	00	0	0	—	12.0	+0.2	22	36	0	19	+2	44	9	0	0	
LUXOR	320	15	30	00	0	0	—	12.4	+0.2	23	38		20		32	5	0	0	
ASWĀN	320	7	50	00	0	0	—	12.3	+0.4	23	37	0	18	-3	32	5	0	0	
SĪWA	80	4	12	00	0	0	—	14.2	-0.8	17	28	-3	12	-1	72	12	0	dr.	8
BAHARĪYA	320	2	35	02	0	0	—	14.2	-0.2	19	28	-4	11	-3	64	12	0	0	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	13.8	+0.5	22	31	-4	16	0	50	11	0	0	
KHARGA	360	2	15	00	0	0	—	13.9	+1.3	21	34	-1	18	+1	41	7	0	0	
SUEZ	330	4	50	00	0	5	Cu	12.6	-1.1	19	29	-1	15	-1	64	12	0	5	16
TŌR	340	24	7	02	0	0	—	10.6	-1.2	23	34	+5	20	+3	41	9	0	4	13
HURGHADA	330	20	30	01	1	4	Cs	10.6	-1.3	21	39		20		44	8	0	dr.	
QUSEIR	360	13	15	02	0	0	—	10.7	-1.0	23	39	+10	21	0	50	12	0	dr.	4
PORT SŪDĀN	150	10	30	02	0	1	—	8.0		27	31		20		49	15	0	152	96
WĀDI HALFA											40								
ABU HAMAD	350	4	30	02	0	0	—			28	38		21		13	-3	0		
KAREIMA	30	10	10	02	0	0	—	10.1		27	38		21		19	1	0	dr.	1
ʻATBARA	340	5	30	02	0	0	—	8.6		30	38		20		11	-4	0	0.3	3
KHARTŪM																			5
KASSALA																			11
WĀD MEDANI																			14
RENK																			55
ROSEIRES																			50
EL OBEID	40	9	30	02	0	0	—	9.1		27	37		17		19	1	0	7	18
EL FĀSHER	350	2	30	02	0	0	—			20	36		14		21	-3	0	6	6
GENEINA	80	4	30	02	0	0	—			21	36		13		14	-8	0		7
MALAKĀL	50	12	30	03	1	6	Cs	8.0		30	40		22		8	-8	0	70	116
WĀU	270	8	30	02	0		Ci	8.7		25	40		18				0	145	220
JUBA	190	12	30	03	1	7	Ac, Cs	8.3		29	38		25		59	20	0	225	275

HUMIDITY % Mean of day

Station	on 23rd	Diff. from normal
Alexandria	72	+4
Ezbekiya	60	+8
Gîza	59	+5
Helwan	58	+18

GÎZA
GRASS MINIMUM TEMP. on 24th 7.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 23rd At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1444	11	71	310	19
800					
700	3042	4		300	31
600					
500	5685	-14		300	65
400	7345	-26		300	98
300	9364	-41		300	71

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 23rd At 8h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850	1460	14	52	290	23
800					
700	3065	6	42	290	39
600	4308	-2	34	280	48
500	5729	-12		280	62
400	7397	-24			
300	9924	-40			

UPPER WIND OBSERVATIONS on 23rd

Station	Siwa		Port Said		Hurghada		Minya		Fouad A.P.		Asyut		Dakhla								Farouk A.P.		Fouad A.P.		Minya	
Time	14		14		14	30	14		14		14		14								20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	33	330	19	330	31	310	30	300	42	310	23	310	13							300	19	300	21	360	30
600	300	36	330	22	310	21	310	35	300	45	320	22	300	17							310	20	300	24	360	31
1000	310	44	340	39	290	20	320	38	310	40	310	25	290	22							310	19	310	23	350	27
1500	310	52			260	14					320	26									300	14			290	26
2000	320	18									310	19									280	19				
3000	320	36									310	33														
4000	320	53?									300	36														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			4		2		2						2										2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	11	280	13	310	17					10	16									300	9
600			300	16	280	16	320	19					350	22									310	10
1000			290	20			330	18					340	22									310	11
1500			280	27			330	15					360	12									310	17
2000			290	19			320	16															310	28
3000							310	23																
4000							290	29																
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time																	3				5		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																	40	11					20	21
1000																	30	21			360	17	20	31
1500																	10	25			80	25	30	16
2000																								
3000																	280	17			140	13	150	1
4000																	220	15					260	3
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T, two hours less than the Egyptian standard time.

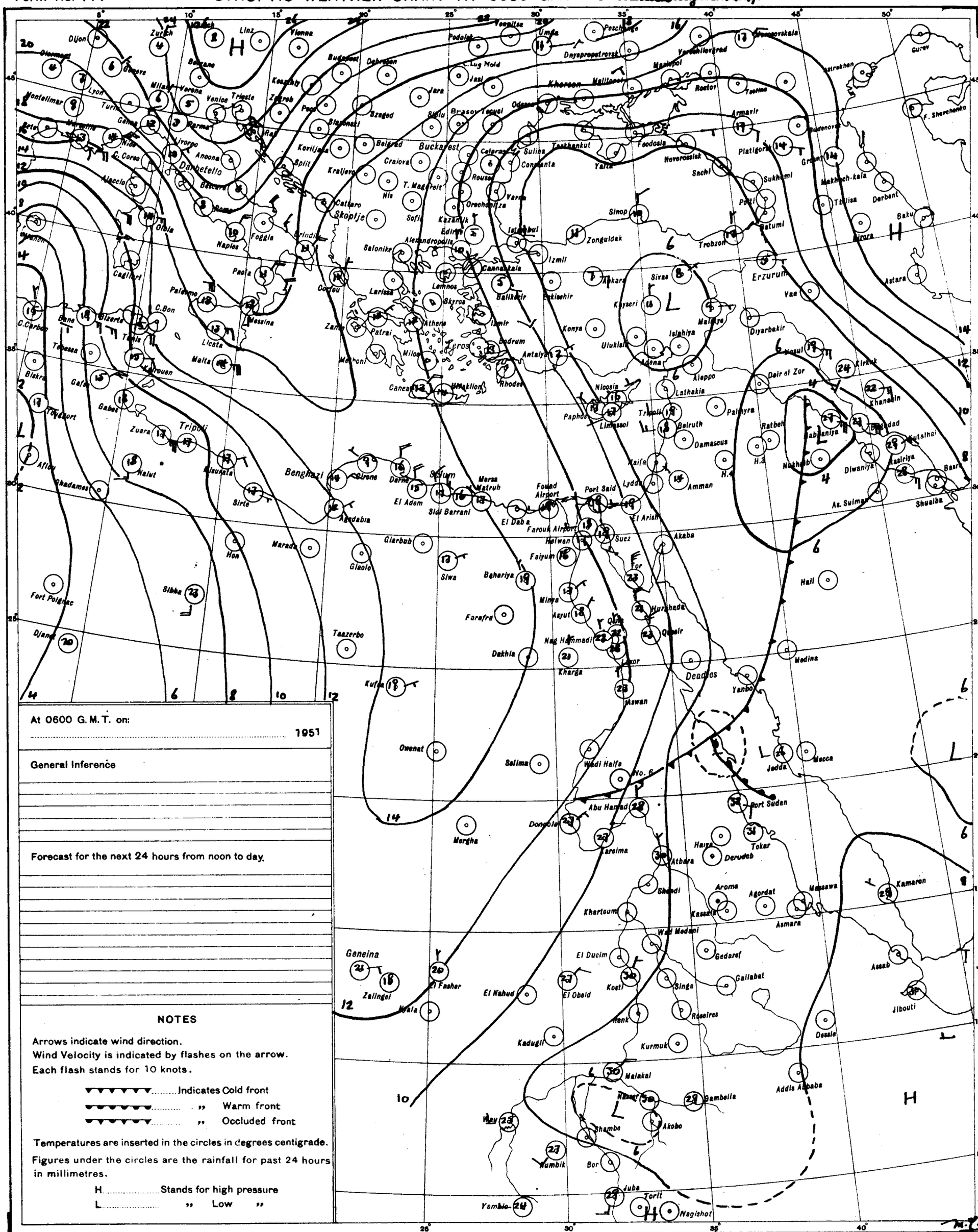
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 24/4/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91 / 93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 19 G.M.T.
" " Sunset 16 28 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 25th April, 1951

At 1200 on Tuesday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	90	9	15	00	0	2	Ci	12.8	19	73	14
	303	SIDI BARANI											
	306	MATRUH	350	13	30	00	0	0	—	13.1	19	52	9
	309	EL DABA	320	8	35	00	0	0	—	12.0	19	52	9
		ALEXANDRIA	270	11	50	01	2	2	Cu, Ci	12.2	21	57	12
	318	FOUAD (Airport)	310	10	18	03	1	1	Ci	12.3	20	69	14
	330	DAMIETTA	340	2	35	03	1	4	Sc	12.2	23	61	15
	333	PORT SA'ID	50	6	30	02	0	3	Cu, Ci	12.2	23	50	12
	336	EL 'ARISH	340	5	30	02	2	6	Cu, Ci	11.9	22	57	13
Delta	339	DAMANHUR	40	5	15	02	0	0	—	12.2	26	42	12
	342	MANSURA	270	5	35	02	1	3	Cu	11.9	26	42	12
	348	TANTA	220	2	35	02	0	0	—	11.8	26	37	10
	354	ZAGAZIG	320	1	35	03	1	2	Cu	11.9	27	42	13
	440	ISMA'ILIA	270	2	35	01	0	0	—	11.6	26	37	10
Cairo Area	366	FAROUK (Airport)	270	11	18	00	1	1	Ci	12.6	25	28	5
	372	ALMAZA	290	8	15	02	0	2	Cs	12.1	25	28	5
		EZBEKIYA	270	6	18	00	0	0	—	12.3	25	36	9
		GIZA	270	6	18	00	0	0	—	12.4	26	25	4
	378	HELWAN	00	0	35	03	1	5	Ci	12.0	25	34	8
Upper Egypt	381	FAIYUM	00	0	35	01	0	0	—		25	28	5
	387	MINYA	350	10	10	00	0	0	—	12.0	27	20	2
	393	ASYUT MANQABAD	340	4	30	00	0	0	—	11.8	27	20	2
	399	NAG' HAMMADI	270	3	35	00	0	0	—	11.6	30	25	8
	402	QENA	290	2	50	00	0	0	—	10.4	33	16	4
	405	LUXOR	320	10	30	00	0	0	—	10.4	30	7	-9
	414	ASWAN	340	4	50	00	0	0	—	10.6	30	21	5
Oases	417	SIWA	200	6	12	02	0	1	Ci	13.9	28	40	13
	420	BAHARIYA	320	5	35	02	0	0	—	13.5	26	37	10
	423	FARAFRA											
	432	DAKHLA	00	0	50	00	0	0	—	11.1	30	25	8
	435	KHARGA	360	4	15	00	0	0	—	11.6	30	25	8
Red Sea	450	SUEZ	130	3	50	01	0	1	Cu	11.1	24	47	12
	459	TOR	360	18	35	07	0	0	—	9.9	24	47	12
	462	HURGHADA	360	16	30	00	1	0	—	9.3	24	61	16
	465	QUSEIR	20	9	15	02	0	0	—		25	47	13
	641	PORT SUDAN	20	21	7	07	0	0	—	7.1	30	70	24
North Sudan	600	WADI HALFA	350	17	30	02	0	0	—	10.1	32	12	-1
	640	ABU HAMAD	330	5	30	02	0	1	Ci		36	9	-2
	660	KAREIMA	360	12	30	02	0	0	—	7.4	37	7	-5
	680	'ATBARA	360	13	10	07	0	0	—	4.9	37	4	-10
	721	KHARTUM	20	8	50	02	0	0	—	4.8	39	21	13
	730	KASSALA	360	6	30	02	0	0	—	2.4	40	6	-5
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES	310	5	35	02	0	0	—	4.0	40	6	-5
	771	EL OBEID	50	13	30	02	0	0	—	4.0	39	12	4
	760	EL FASHER	60	11	30	02	0	0	—		37	8	-2
	770	GENEINA	90	13	30	02	0	0	—		37	5	-9
S. Sudan	840	MALAKAL	340	3	30	03	1	5	Cs	2.7	41	6	-4
	880	WAU	50	5	30	02	1	6	Cs	2.6	40	6	-5
	941	JUBA	310	2	30	03	2	8	Cb, ac	2.9	37	27	15

At 1800 on Tuesday 24th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain past 12 hrs mms
SALUM	340	13	15	03	2	6	Ac	14.3	17	60	9	0
SIDI BARANI	320	13	10	00	0	0	—	12.3	16	72	11	0
MATRUH	320	17	12	02	1	0	—	13.6	16	72	11	0
EL DABA	320	6	7	00	0	0	—	12.4	17	68	11	0
ALEXANDRIA	310	18	35	00	0	0	—	12.4	17	68	11	0
FOUAD (Airport)	290	10	12	02	1	4	Cs	11.6	17	72	12	0
DAMIETTA	340	2	7	01	1	1	Sc	12.3	19	83	16	0
PORT SA'ID	10	5	14	01	0	0	—	11.4	19	73	14	0
DAMANHUR	360	9		02	0	0	—	12.2	19	73	14	0
MANSURA	360	5		00	1	0	—	11.6	20	73	15	0
TANTA	270	2	35	02	0	0	—	12.0	18	73	13	0
ZAGAZIG	320	2	15	02	1	0	—	10.8	20	56	11	0
ISMA'ILIA	270	2	35	02	0	0	—	10.8	23	44	10	0
FAROUK (Airport)	250	10	13	01	1	1	Ci	12.2	23	32	5	0
ALMAZA	280	8	12	01	0	0	—	11.4	24	26	3	0
EZBEKIYA	00	0	12	00	0	0	—	11.1	22	41	8	0
GIZA	00	0	12	00	0	0	—	12.0	20	41	6	0
HELWAN	00	0	7	02	0	3	Ci	11.6	22	36	6	0
FAIYUM	00	0	35	02	0	0	—	12.6	23	38	8	0
MINYA	00	0	8	00	0	0	—	12.0	21	44	8	0
ASYUT MANQABAD	00	0	10	00	0	0	—	12.5	23	44	10	0
NAG' HAMMADI	270	2	15	00	0	0	—	12.0	24	38	9	0
QENA	360	2	7	00	0	0	—	11.1	25	34	8	0
LUXOR	240	10	12	00	0	0	—	10.8	27	15	-2	0
ASWAN	00	0	50	00	0	0	—	10.8	28	19	2	0
SIWA	00	0	12	03	1	1	Ci	13.4	23	47	11	0
BAHARIYA												
FARAFRA												
DAKHLA	340	5	50	00	0	0	—	12.4	25	34	8	0
KHARGA	00	0	15	00	0	0	—	13.6	25	17	-2	0
SUEZ	00	0	35	01	0	0	—	10.7	22	57	13	0
TOR	310	9		02	0	0	—	11.6	22	57	13	0
HURGHADA	310	10	12	01	1	0	—	11.2	23	61	15	0
QUSEIR	330	9	15	02	0	0	—	11.4	25	42	11	0
PORT SUDAN	340	6	10	05	0	0	—	7.9			21	0
WADI HALFA	340	10	50	02	0	0	—	10.5	28	16	0	0
ABU HAMAD	360	4	30	02	0	0	—		29	14	-1	0
KAREIMA	360	13	30	02	0	0	—	8.3	31	8	-7	0
'ATBARA	360	5	30	02	0	0	—	6.6	30	13	-1	0
KHARTUM	350	6	50	02	0	0	—	7.5	33	8	-6	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	20	4	30	02	0	0	—	5.8	29	11	-5	0
EL FASHER	70	6	30	02	0	0	—		30	10	-5	0
GENEINA	50	3	30	02	0	0	—		30	14	0	0
MALAKAL	360	3	30	01	1	3	Ci	3.6	32	16	3	0
WAU	00	0	30	02	0	0	—	3.8	31	15	1	0
JUBA	00	0	30	01	2	3	Ac Cs	5.4	31	43	17	0

At 0600 on Wednesday 25th April,

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	13	15	03	2	6	Cu, As, Sc	16.3	+2.8	17	20	-6	15	+1	49	6	0	90	
SIDI BARANI	30	11	14	00	0	3	Sc, Ci	15.7		16	20		14		68	10	0	108	
MATRUH	10	15	30	01	1	1	Ac	15.7	+1.3	17	20		14		49	6	0	51	
EL DABA	140	7	15	00	0	0	—	15.5		17	20		14		52	7	0	54	
ALEXANDRIA	310	16	50	03	1	3	Cu	15.1	+0.9	16	21	-3	15	-1	49	5	0	62	183
FOUAD (Airport)	320	10	18	01	2	1	Cs	15.0		17	22		15		49	6	0	63	138
DAMIETTA	270	9	15	03	1	2	Cu	14.4	+0.4	17	23	-1	15	0	60	9	0	Rain	103
PORT SA'ID	300	17	13	01	1	1	Sc	13.7	+0.6	18	24		16		49	7	0	18	
EL 'ARISH																			91
DAMANHUR	310	13	7	02	1	1	Cu	15.5	+1.4	18	27	-1	13	0	52	8	0	35	98
MANSURA	320	5	35	00	0	0	—	14.6	+0.3	18	28	-1			52	8	0	31	51
TANTA	330	8	35	02	0	0	—	14.7	+0.4	17	27	-2	12	-2	52	7	0	23	39
ZAGAZIG	220	2	35	02	0	0	—	14.4	0.0	18	28	-1	12	-1	60	10	0	Rain	26
ISMA'ILIA	290	5	35	03	1	6	Cu	14.8		17	27		15		52	9	0	17	
FAROUK (Airport)	320	12	12	01	2	3	Sc	15.3		17	27		14		68	11	0	Rain	
ALMAZA	350	13	14	01	1	3	Cu	15.1	+1.1	17	27		14		60	9	0	12	
EZBEKIYA	350	12	12	02	1	5	Cu, ac	15.1	+1.1	18	27	-3	15	0	60	10	0	11	24
GIZA	350	12	12	02	1	5	Cu, ac	15.2	+1.1	18	28	-2	14	+2	52	8	0	11	24
HELWAN	340	11	15	01	2	7	Cu	15.1	+1.4	17	27	-3	14	-1	60	9	0	12	27
FAIYUM	00	0	35	03	1	2	Cu	14.7	+0.8	18	27	-4	15	+1	60	10	0	8	8
MINYA	40	11	8	00	1	0	—	14.1	+1.0	20	28		13		41	6	0	3	
ASYUT MANQABAD	320	4	12	00	0	0	—	13.7	+0.7	23	28		16		38	8	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	13.4	+1.0	25	31	-2	14	-1	47	13	0	0.1	
QENA	320	2	15	00	0	0	—	12.8	+1.1	22	36	0	18	0	36	6	0	0	
LUXOR	00	0	30	01	2	0	—	12.4	+0.4	26	32		17		27	5	0	0	
ASWAN	320	2	50	01	1	4	Ci	12.8	+1.0	24	31	-6	18	-3	32	6	0	0	
SIWA	80	8	12	01	0	1	Ci	15.1	+0.1	18	30	-1	15	+2	60	10	0	dr.	8
BAHARIYA																			7
FARAFRA																			
DAKHLA	20	8	50	00	0	0	—	12.8	-0.4	24	31	-4	15	-1	26	3	0	0	
KHARGA	00	0	35	00	0	0	—	13.1	+0.6	21	30	-5	14	-3	33	4	0	0	
SUEZ	310	5	50	00	0	0	Cu	14.2	+0.5	18	26	-5	14	-2	60	10	0	5	16
TOR	310	13	7	02	0	0	—	12.2	+0.5	19			17	-1	88	17	0	4	13
HURGHADA	340	23	30	03	1	3	Cs	11.7	-0.2	23	24		15		74	18	0	dr.	
QUSEIR	360	9	15	02	0	6	—	11.2	-0.4	26	26	-3	19	-2	55	16	0	dr.	4
PORT SUDAN	340	9	30	02	0	0	—	11.2		28	31		21		52	17	0	152	96
WADI HALFA	350	4	50	01	1	6	Cs	12.7		22	34		17		25	1	0	dr.	
ABU HAMAD	10	7	30	02	0	0	—			26	36		20		16	-2	0		
KAREIMA											38								1
'ATBARA											40								3
KHARTUM	10	14	50	02	0	0	—	9.4		27	40		20		11	-6	0	dr.	5
KASSALA																			11
WAD MEDANI																			14
RENK																			55
ROSEIRES	310	5	35	02	0	0	—	7.1		26	41		17		21	2	0	0	50
EL OBEID											39								18
EL FASHER	30	10	30	02	0	0	—			27	38		19		14	-3	0	6	6
GENEINA	50	9	35	02	0	0	—			28	38				25	6	0		7
MALAKAL	70	15	30	02	0	0	—	8.7		31	41		22		11	-3	0	70	117
WAU	290	1	7	04	2	8	Cs	8.8		25	41		18		32	7	0	145	222
JUBA											37								280

HUMIDITY %

STATION	on 24th	Diff. from normal
Alexandria	67	-1
Ezbekiya	52	0
Giza	54	0
Helwan	52	+12

GIZA
GRASS MINIMUM TEMP ON 25th 11.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 24th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	26	27	270	8
950					
900					
850	1494	14	27	280	19
800					
700	3118	7	25	290	58
600					
500	5758	-12		300	59
400	7458	-23		290	58
300	9499	-39			

..... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs — On 24th At 9h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	158	22	47	240	4
950					
900					
850	1580	19	46		
800					
700	3212	12	38		
600	4488	4	35		
500	5946	-6			
400	7656	-18			
300	9731	-36			

UPPER WIND OBSERVATIONS on 24th

Height m.	Siwa Dir.	Siwa Vel.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Asyut Dir.	Asyut Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14		14		14		20		20		20 15	
300	250	6	300	30	290	19	340	10	60	16	350	12	340	19	320	10	350	5	320	7	340	9	340	6	180	6
600	280	4	250	18	290	17	350	11	40	13	320	11	320	12	320	12	340	9	320	11	300	19	330	6	280	10
1000	280	6	260	23	280	14	350	10	350	4	270	4	310	16	310	9	310	6	330	10	270	26	310	7	270	11
1500	300	14	280	20			350	6	190	3	310	9	310	20	290	10	320	12	330	16	260	45	310	29	280	23
2000	270	30	280	37			350	13	210	3	300	13	310	27					330	25	250	56	290	38	300	25
3000	290	43																	340	34						
4000	290	50																								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time			4				3						2										3	
300			20	13			350	15					340	13									320	16
600			50	15			350	19					350	16									330	20
1000			300	22			350	21					320	11									330	21
1500			300	19									250	10									300	22
2000													190	4										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time															4		3							
300																								
600															10	23	70	7						
1000															40	23	70	11						
1500															360	20	10	26						
2000																	30	11						
3000															330	9	140	8						
4000																	170	10						
5000															30	5								
6000															350	6								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

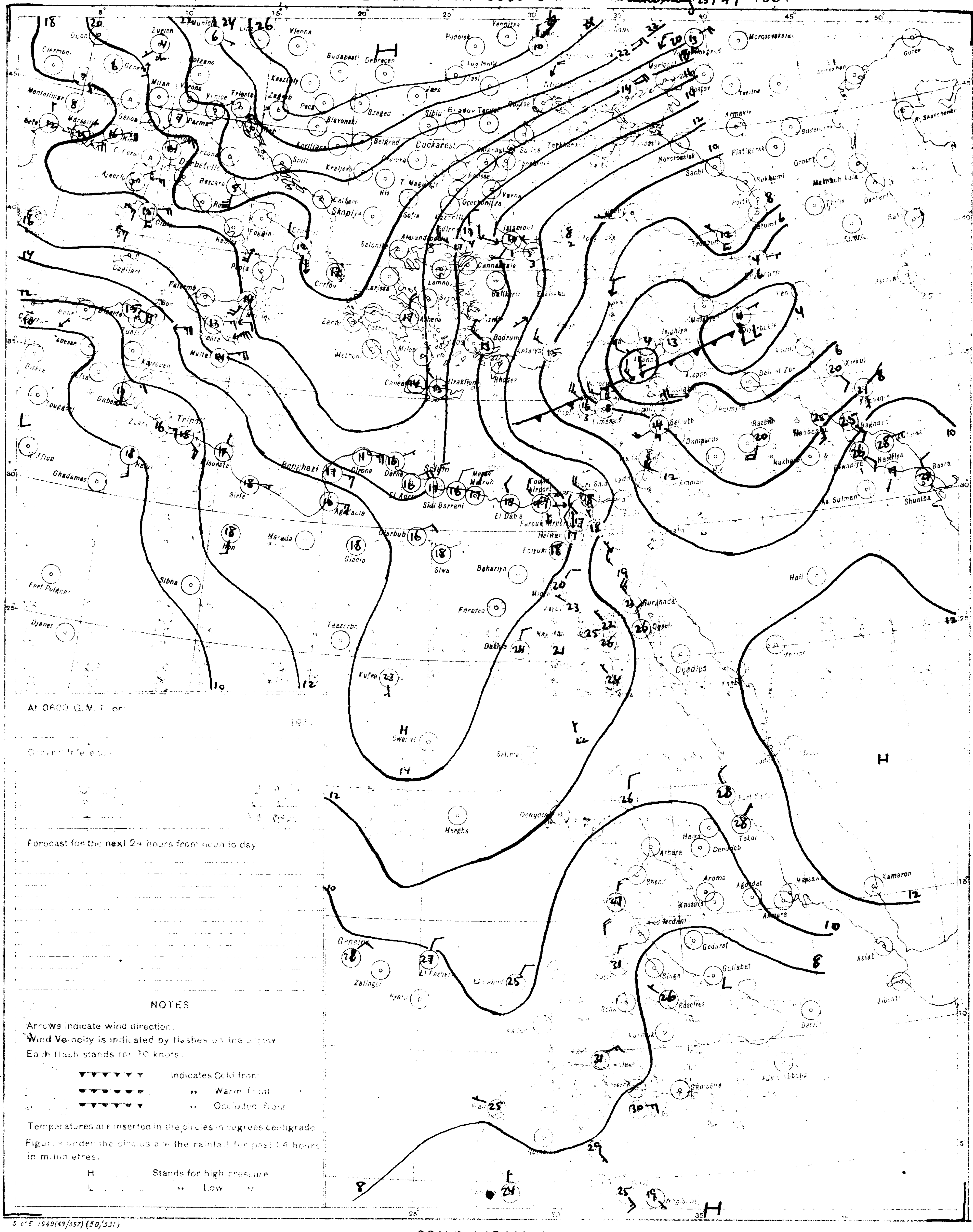
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 25/4/1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
Dust or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
" hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
" " hail	87
Rain } Thunderstorm during the past hour	91
Hail }	93
Thunderstorm with rain	95
" " hail	96
" " Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dust haze (visibility less than 1000 m)	4
Thunderstorm with or without rain	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky covered or trace of cloud	1
2/8 " "	2
3/8 " "	3
4/8 " "	4
5/8 " "	5
6/8 " "	6
7/8 " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

"F. Sannut"

At 0600 G.M.T. on .... 19..

Forecast for the next 24 hours from noon to day

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow
Each flash stands for 10 knots.

▼▼▼▼▼▼ Indicates Cold front
●●●●●● " Warm front
▼●▼●▼● " Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.
H ...... Stands for high pressure
L ...... " Low "

S of E 1549(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 18 G.M.T.

" " Sunset 16 28 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 26th April, 1951

At 1200 on Wednesday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	40	9	35	01	1	3	Ci	15.6	18	60	10
	303	SÎDI BARÂNI	50	12	18	02	1	3	Ci	16.5	18	60	10
	305	MATRÛH	10	8	30	02	1	4	Sc Ci	16.5	18	52	8
	309	EL DABA	360	6	35	01	1	3	Cu	15.0	19	52	9
		ALEXANDRIA	310	20	50	02	2	4	Cu	15.1	18	52	8
	318	FOUAD (Airport)	300	12	18	01	1	3	Sc	15.2	20	46	8
	330	DAMIETTA	250	9	35	03	1	4	Cu	14.7	19	64	12
	333	PORT SA'ÎD	320	16	15	01	0	1	Sc	14.0	20	53	10
	336	EL 'ARISH											
Nile Delta	339	DAMANHUR	310	13	15	02	0	0	—	15.5	20	46	8
	342	MANSURA	320	5	35	00	0	0	—	14.4	22	44	9
	348	TANTA	270	5	35	02	0	0	—	14.3	23	38	8
	354	ZAGAZIG	220	3	35	02	0	0	—	13.8	24	38	9
	440	ISMA'ÎLIA	340	9	35	01	1	1	ac	13.5	24	32	6
Cairo Area	368	FAROUK (Airport)	320	11	30	00	1	0	—	14.5	23	38	8
	370	ALMÂZA	320	10	15	00	0	0	—	14.0	23	32	5
		EZBEKÎYA	310	10	18	00	0	0	—	14.0	24	34	7
		GÎZA	310	10	18	00	0	0	—	14.2	25	22	2
	378	HELWÂN	320	11	15	02	0	0	—	13.6	23	24	1
Upper Egypt	381	FAIYÛM	360	2	35	01	0	2		15.5	24	32	6
	387	MINYA	30	8	8	00	0	0	—	12.9	28	29	8
	393	ASYÛT MANQABÂD	310	4	18	02	1	2	Ci	11.8	31	24	8
	399	NAG' HAMMADI	00	0	35	01	0	3	Sc	12.0	34		
	402	QENA	220	2	50	00	0	0	—	10.4	36	17	7
	405	LUXOR	270	8	30	00	0	0	—	10.5	34	9	-3
	414	ASWÂN	360	2	50	00	0	0	—	10.0	36	10	-1
Oases	417	SÎWA	40	15	12	00	0	0	—	15.1	28	45	15
	420	BAHARÎYA	00	0	35	02	0	0	—	13.4	29	35	12
	423	FARAFRA											
	432	DAKHLA	20	5	50	03	0	2	Ci	11.2	36	20	10
	435	KHARGA	00	0	35	03	1	6	Ci	11.0	35	19	8
Red Sea	450	SUEZ	360	5	50	01	0	0	—	12.4	24	26	3
	459	TÛR	310	30	35	02	0	0	—	11.0	26	42	12
	462	HURGHADA	360	12	30	00	1	2	Cs	9.8	24	79	20
	465	QUSEIR	40	9	15	02	0	0	—	10.9	26	55	16
	641	PORT SÛDÂN	50	10	30	02	0	0	—	9.4	29	70	23
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	50	9	35	02	0	0	—	3.1	40	6	-5
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	350	6	30	02	0	0	—	4.8	38	6	-5
	760	EL FÂSHER	40	8	30	02	0	0	—		37	9	-1
	770	GENEINA	110	8	18	09	0	1	Cs		37	4	-11
S. Sudan	840	MALAKÂL	50	13	30	02	0	0	—	4.0	39	9	1
	880	WÂU	360	1	10	04	1	0	—	2.8	37	13	4
	941	JUBA	160	5	50	03	1	6	Cb, Ci	2.8	38	24	14

At 1800 on Wednesday 25th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALÛM	200	5	15	00	0	0	—	17.6	16	68	10	0
303	SÎDI BARÂNI												
305	MATRÛH	360	10	12	01	0	1	Cu	17.0	17	68	11	0
309	EL DABA	320	8	7	01	1	3	Cu	16.2	17	60	9	0
	ALEXANDRIA	360	16	35	02	2	6	Sc, ac	15.4	17	60	9	0
318	FOUAD (Airport)	320	9	14	01	2	6	Sc, Ci	15.8	17	60	9	0
330	DAMIETTA												
333	PORT SA'ÎD	300	12	14	09	0	2	Sc	14.5	18	60	10	0
336	EL 'ARISH												
339	DAMANHUR	310	13	15	02	1	2	Cu	16.0	17	60	9	0
342	MANSURA	360	5		00	0	0	—	14.7	19	64	12	0
348	TANTA	00	0	35	02	0	0	—	15.7	16	77	12	0
354	ZAGAZIG	320	2	35	02	0	0	—	14.8	19	52	9	0
440	ISMA'ÎLIA												
368	FAROUK (Airport)	310	7	12	00	1	0	—	15.5	19	52	9	0
370	ALMÂZA	350	10	12	00	0	0	—	14.5	19	46	7	0
	EZBEKÎYA	350	6	12	00	0	0	—	15.0	19	49	8	0
	GÎZA	350	6	12	00	0	0	—	15.2	18	46	6	0
378	HELWÂN	340	13	15	02	0	0	—	14.6	20	33	3	0
381	FAIYÛM	00	0	35	01	0	0	—	14.7	19	46	7	0
387	MINYA												
393	ASYÛT MANQABÂD												
399	NAG' HAMMADI	00	0	15	00	0	0	—	12.2	25			0
402	QENA	290	2	7	00	0	0	—	11.1	28	33	10	0
405	LUXOR												
414	ASWÂN												
417	SÎWA	90	8	10	01	0	1	Ci	14.8	24	47	12	0
420	BAHARÎYA	40	3	15	02	0	0	—	14.4	22	36	6	0
423	FARAFRA												
432	DAKHLA	320	5	50	00	1	0	—	12.4	32	24	9	0
435	KHARGA	360	1	15	00	0	0	—	12.3	29	14	-1	0
450	SUEZ	360	8	35	02	0	0	—	13.8	19	46	7	0
459	TÛR	310	19		02	0	0	—	12.3	23	65	16	0
462	HURGHADA	320	16	12	00	1	0	—	10.8	24	69	18	0
465	QUSEIR												
641	PORT SÛDÂN	340	2	30	01	1	0	—	11.2	25	84	22	0
600	WÂDI HALFA	360	5	50	03	2	7	Cs	9.9	31	17	3	0
640	ABU HAMAD	360	2	30	02	0	0	—		30	21	5	0
660	KAREIMA	20	10	30	03	0	0	—	8.1	33	7	-7	0
680	'ATBARA	360	2	30	02	0	0	—	6.5	31	12	-1	0
721	KHARTÛM	340	5	30	02	0	0	—	9.4	33	15	3	0
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	350	5	30	02	0	0	—	7.2	28	40	13	0
760	EL FÂSHER												
770	GENEINA												
840	MALAKÂL	50	3	30	02	0	0	—	5.1	31	17	3	0
880	WÂU	70	2	30	02	0	0	—	5.0	32	21	7	0
941	JUBA	90	2	30	13	2	8	Cb, ac	5.5	29	62	21	1

At 0600 on Thursday 26th April,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
62300	SALUM	110	2	15	03	2	6	—	17.1	+3.6	18	18	-8	12	-2	73	13	0	90	
303	SÎDI BARÂNI	10	5	14	00	0	0	—	16.7		17			9		72	12	0	108	
305	MATRÛH	320	8	18	03	1	4	Cu, Ci			17	20		10		68	11	0	51	
309	EL DABA	320	6	15	02	2	5	Sc, Cu	15.0		18	21		15		73	13	0	54	
	ALEXANDRIA	360	11	50	02	2	6	Ns, ac	15.4	+1.2	18	20	-4	16	0	73	13	0	62	183
318	FOUAD (Airport)	350	8	14	03	2	6	Sc	15.3		19	21		15		73	14	0	63	138
330	DAMIETTA	220	2	7	01	1	3	Cu	15.9	+1.9	18			13	-2	83	15	0	Rain	103
333	PORT SA'ÎD	260	8	14	02	1	4	Sc	14.0	+1.0	18	21		16		68	12	0	18	
336	EL 'ARISH																			91
339	DAMANHUR	40	5	7	02	1	6	Cu	16.3	+2.2	19	21	-7	14	+1	64	12	0	35	98
342	MANSURA	270	5	35	02	1	3	Sc, Cu	15.9	+1.7	19	24	-5	12	-1	64	12	0	31	52
348	TANTA	00	0	35	01	1	3	Cu, Sc	15.9	+1.6	18	23	-7	10	-3	73	13	0	23	40
354	ZAGAZIG	00	0	35	03	1	4	ac	15.8	+1.5	17	26	-4	11	-2	68	11	0	Rain	26
440	ISMA'ÎLIA	270	2	35	03	2	8	as	16.2		19			13		64	12	0	17	
368	FAROUK (Airport)	290	3	15	03	0	1	ac	16.5		18	23		12		73	13	0	Rain	
370	ALMÂZA	60	3	12	00	0	0	—	15.9	+1.9	18	23		12		56	9	0	12	
	EZBEKÎYA	00	0	12	00	0	0	—	16.0	+2.0	19	25	-5	13	-2	56	10	0	11	24
	GÎZA	00	0	12	00	0	0	—	16.0	+2.0	18	25	-5	9	-3	52	8	0	11	24
378	HELWÂN	00	0	15	02	1	1	Ci	15.8	+2.2	17	24	-6	13	-2	60	9	0	12	27
381	FAIYÛM	00	0	35	02	0	0	—	15.5	+1.8	16	25	-7	12	-2	68	10	0	8	8
387	MINYA	20	8	8	00	0	0	—	14.8	+1.7	17			12		56	8	0	3	
393	ASYÛT MANQABÂD	320	4	8	10	0	0	—	14.8	+1.8	19			14		64	12	0	dr.	
399	NAG' HAMMADI	00	0	15	00	0	0	—	13.8	+1.5	24	34	0	15	0	54	14	0	0.1	
402	QENA	360	2	15	00	0	0	—	13.4	+1.8	25	37	+1	20	+2	34	8	0	0	
405	LUXOR																			
414	ASWÂN	340	2	50	00	0	0	—	13.0	+1.3	27			21	0	33	9	0	0	
417	SÎWA	120	5	12	00	0	0	—	17.1	+2.2	18	29	-2	14	+1	68	12	0	dr.	8
420	BAHARÎYA	360	4	35	02	0	0	—	16.2	+1.9	17	29	-3	13	-1	68	11	0	0	7
423	FARAFRA																			
432	DAKHLA	00	0	50	00	0	0	—	13.3	+0.1	25	38	+3	19	+3	47	13	0	0	
435	KHARGA	40	1	35	00	0	0	—	12.0	-0.5	24	36	+1	20	+2	26	3	0	0	
450	SUEZ	60	2	50	00	0	0	—	15.6	+2.0	19	27	-3	13	-3	52	9	0	5	16
459	TÛR	310	24	15	02	0	0	—	11.6	0.0	21	26	-3	15	-3	38	6	0	4	13
462	HURGHADA	330	19	30	00	0	0	—	12.8	+1.0	20	25		16		88	18	0	dr.	
465	QUSEIR	360	13	15	02	0	0	—	12.2	+0.6	23			20	-1	50	12	0	dr.	4
641	PORT SÛDÂN								11.8		29	32		17		46	16	0	152	96
600	WÂDI HALFA	00	0	50	02	2	7	Cs	11.6		27	39		20		19	1	0	dr.	
640	ABU HAMAD	360	6	30	01	1	1	Ci												
660	KAREIMA											36								1
680	'ATBARA	20	5	30	02	1	0	—	10.1		28	39		20		11	-5	0	0.3	3
721	KHARTÛM	30	9	30	02	0	0	—	9.2		28	38		22		14	-2	0	dr.	5
730	KASSALA	320	1	30	02	0	0	—	8.3		27	42		17		27	6	0	3	11
751	WÂD MEDANI	50	9	35	02	0	0	—	8.7		28	41		16		14	-2	0	46	14
801	RENK																			55
802	ROSEIRES																			51
771	EL OBEID	360	5	30	02	0	0	—	9.4		27	39		20		10	-7	0	7	18
760	EL FÂSHER																			6
770	GENEINA	50	6	30	03	0	1	Ci			22	38		22		13	-8	0		7
840	MALAKÂL	60	2	30	01	1	3	Ci	9.0		32	41		22		17	4	0	70	118
880	WÂU											41								224
941	JUBA	180	2	30	01	2	7	Sc, ac	9.7		28	39		26		58	19	1	226	285

UPPER AIR OBSERVATIONS

Humidity % — Mean of day

Station	on 25th	Diff. from normal
Alexandria	54	-14
Ezbekiya	49	-3
Giza	50	-4
Helwan	48	+9

GÎZA — GRASS MINIMUM TEMP. on 26th 5.8 °C

Remarks

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 25th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	23	32	340	9
950					
900					
850	1488	10	28	310	24
800					
700	3086	5		310	45
600					
500	5743	-14		300	65
400	7403	-26		300	71
300	9414	-43		300	71

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

Height m.	Minya Dir.	Minya Vel.	Suwa Dir.	Suwa Vel.	Port Said Dir.	Port Said Vel.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	S. Barani Dir.	S. Barani Vel.			Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14 30		14		14				20		20		20	
300	350	12	80	11	330	14	20	8	320	21	360	6	340	34	320	14	30	7			320	11	20	19	290	9
600	340	16	90	14	340	14	30	13	340	18	350	7	320	19	320	15	30	9			320	12	10	15	340	3
1000	320	11	90	15	350	11			330	20	360	10	280	12	320	13	350	9			310	20	330	13	300	7
1500	290	18	320	13	90	3			330	7			270	21			310	19					200	23	330	3
2000			310	24					300	29							320	20					300	21		
3000			310	31																			300	30		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.		
Time			5		2		2						2											
300			350	8	310	13	300	11					20	20										
600			20	10	320	13	300	9					30	11										
1000			350	16	330	18	310	12					340	14										
1500			320	13			320	4					310	19										
2000			320	14			350	4					300	23										
3000			320																					
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time									4		4		4		4		3						3	
300									40	10														
600									110	5	50	14	60	25	30	22	250	3					130	17
1000									40	8	60	19	50	34	50	30	70	13					70	10
1500									350	5	50	20	50	5	40	25							10	13
2000															40	17	360	20					50	3
3000									350	7	30	19	50	24									110	3
4000													40	29									210	2
5000																							200	5
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

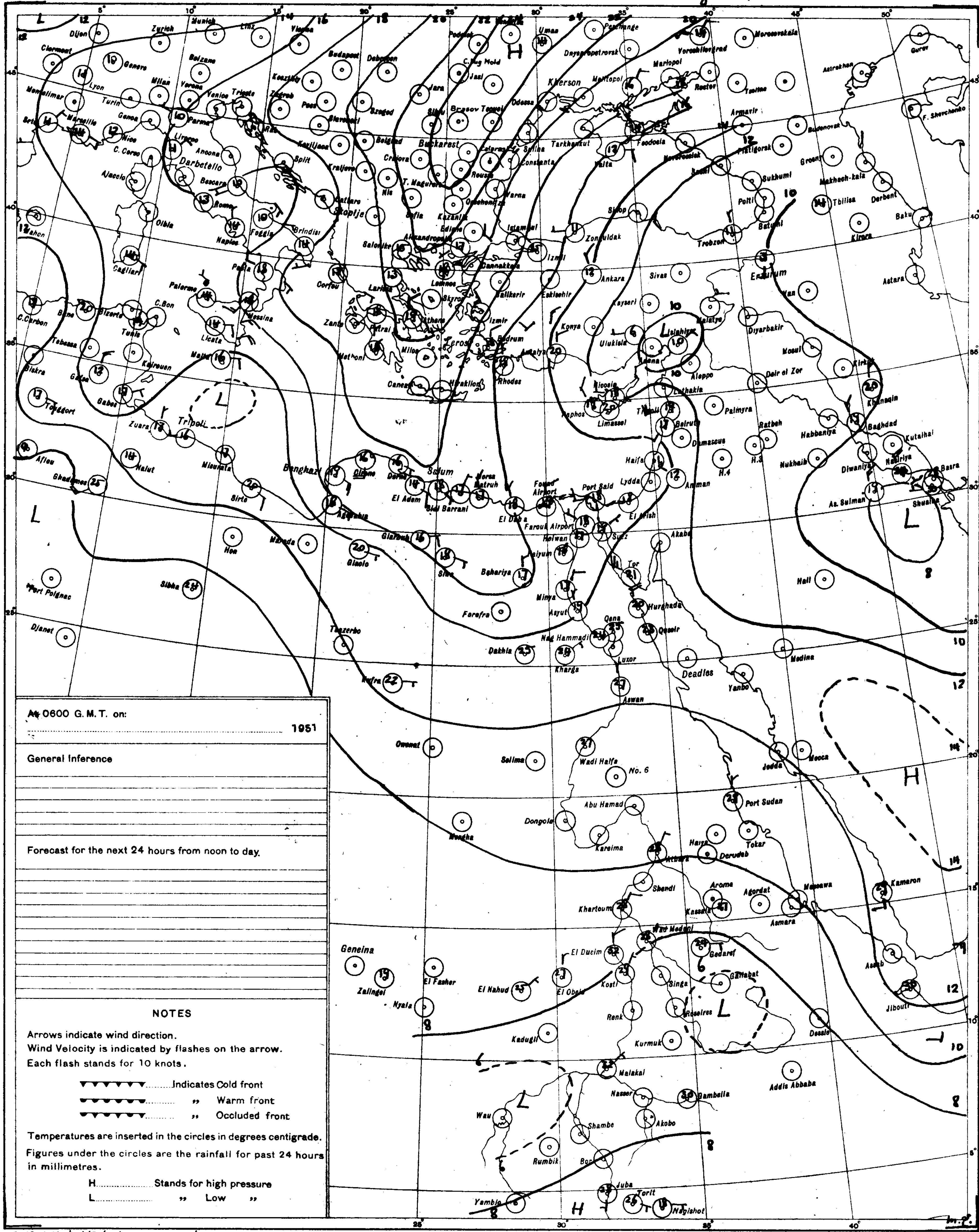
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/537) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 26/4/1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (v/s less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
⌒⌒⌒⌒⌒⌒........ ,, Warm front
▼⌒▼⌒▼⌒........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO

Time of Sunrise 03 17 G.M.T.

" " Sunset 16 29 G.M.T.

DAILY WEATHER REPORT

Date: Friday 27th April, 1951

At 1200 on Thursday 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALÛM			35	02	2		ac,cs	155	19	73	14
	303	SÎDI BARÂNI	60	2	13	02	2	8	as	166	18	77	14
	306	MATRÛH	20	9	14	02	1	4	sc,cs	16.8	20	64	13
	309	EL DABA	340	8	35	02	2	5	sc,cu	15.6	20	64	13
		ALEXANDRIA	360	15	50	01	2	4	sc,cu		20	64	13
	318	FOUAD (Airport)	320	12	18	02	2	7	sc,cu	15.9	21	65	14
	330	DAMIETTA	320	5	35	01	1	1	ac	15.0	21	78	16
	333	PORT SA'ÎD	20	9	30	02	0	1	sc	15.4	22	61	14
	336	EL 'ARISH	320	5	35	00	0	0	—	15.1	20	77	16
Lower Egypt	339	DAMANHUR	40	9	15	02	1	4	ci	15.8	23	50	12
	342	MANSURA	360	5	35	02	1	3	cu	14.6	26	48	14
	348	TANTA	270	2	35	01	1	4	cu,sc	14.7	27	37	11
	354	ZAGAZIG	320	1	35	03	1	3	ci	14.9	26	48	14
	440	ISMAÎLÎA	290	2	35	01	1	3	ci	15.1	25	42	11
Cairo area	366	FAROUK (Airport)	330	7	30	02	1	2	ci	15.4	25	45	12
	372	ALMÂZA	360	8	15	00	0	0	—	15.0	25	42	11
		EZBEKÎYA	00	0	18	02	1	2	ac	14.6	25	45	12
		GÎZA	00	0	18	02	1	2	ac	14.6	26	42	12
	378	HELWÂN	290	10	15	02	1	3	ci	14.6	26	32	8
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	15.8	26	30	7
	387	MINYA	20	8	10	00	0	0	—	14.1	27	30	8
	393	ASYÛT MANQABÂD	310	4	30	00	0	0	—	12.9	30	25	8
	399	NAG' HAMMÂDI	360	4	35	00	0	0	—	13.1	33	36	15
	402	QENA	240	2	50	00	0	0	—	9.8	36	13	4
	405	LUXOR											
	414	ASWÂN	340	3	50	00	0	0	—	9.6	37	11	2
Oases	417	SÎWA	70	11	13	03	0	5	ci	16.2	28	45	15
	420	BAHARÎYA	40	5	35	02	0	0	—	15.0	27	33	9
	423	FARAFRA											
	432	DAKHLA											
	435	KHARGA	360	4	15	00	0	0	—	12.2	33	16	4
Red Sea	450	SUEZ	360	6	50	03	0	2	ci	13.5	24	38	9
	459	TÛR	310	19	35	02	0	0	—	13.8	25	61	17
	462	HURGHADA	10	13	30	00	0	0	—	11.3	24	74	19
	465	QUSEIR	360	13	15	02	0	0	—	12.8	24	74	19
	641	PORT SUDÂN	40	13	30	02	0	0	—		30	33	12
North Sudan	600	WÂDI HALFA	340	5	50	02	2	7	cs	8.7	39	12	4
	640	ABU HAMAD	360	8	30	02	0	1	ci		40	7	-3
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	80	10	30	02	0	0	—	5.1	39	9	1
	730	KASSALA	320	5	30	02	0	0	—	2.8	42	6	-3
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA	180	5	30	01	2	7	cb,ac	4.3	35	35	17

At 1800 on Thursday 26th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	40	5	15	02	2	6	as	15.4	18	83	15	0
SÎDI BARÂNI	90	3	13	00	0	0	—	14.7	17	83	14	0
MATRÛH	60	2	12	01	2	0	—	16.0	16	88	14	0
EL DABA	00	0	7	00	0	0	—		18	83	15	0
ALEXANDRIA	40	8	35	00	0	0	—	15.2	17	88	15	0
FOUAD (Airport)	20	4	12	02	0	7	ac,cs	15.1	17	83	14	0
DAMIETTA	320	5	7	02	1	0	—	15.6	18	83	15	0
PORT SA'ÎD	10	6	14	01	1	1	ci	15.2	18	77	14	0
EL 'ARISH	360	5	12	02	1	1	ci	15.2	17	83	14	0
DAMANHÛR												
MANSÛRA												
TANTA	00	0	35	01	1	4	cu,sc	15.4	16	83	15	0
ZAGAZIG	320	1	15	02	1	0	—	15.4	19	73	14	0
ISMAÎLÎA	20	5	35	01	0	0	—	15.6	20	64	13	0
FAROUK (Airport)	320	5	12	00	1	0	—	15.3	22	65	15	0
ALMÂZA	50	11	12	00	0	0	—	14.6	22	50	11	0
EZBEKÎYA	00	0	12	00	0	0	—	14.6	22	50	11	0
GÎZA	00	0	12	00	0	0	—	15.1	22	50	11	0
HELWÂN	320	9	15	01	1	3	ci	14.2	23	44	10	0
FAIYÛM	00	0	15	02	0	0	—	15.1	22	50	11	0
MINYA	360	4	8	00	0	0	—	14.3	21	41	7	0
ASYÛT MANQABÂD	290	4	10	00	0	0	—	13.5	23	47	11	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.4	25	42	11	0
QENA	240	2	7	00	0	0	—	11.9	27	27	6	0
LUXOR	240	2	12	00	0	0	—	11.6	29	14	-1	0
ASWÂN												
SÎWA	110	6	10	03	2	8	as,ci	14.6	26	48	14	0
BAHARÎYA	360	3	15	02	0	0	—	14.6	24	47	12	0
FARAFRA	40	2	15	02	0	0	—	13.3	26	16	-2	0
DAKHLA	340	8	50	00	0	0	—	12.2	30	11	-4	0
KHARGA	00	0	15	00	0	0	—	13.1	28	12	-4	0
SUEZ				02	0	0	—	11.4	23	84	20	0
TÛR	360	13										
HURGHADA	330	18	12	00	1	0	—	11.4	24	61	16	0
QUSEIR												
PORT SUDÂN	310	2	30	02	0	0	—	10.6	26	66	19	0
WÂDI HALFA	20	4	50	01	2	4	cs	9.0	23	15	-5	0
ABU HAMAD	360	6	30	02	0	0	—		32	12	-1	0
KAREIMA	30	10	30	02	0	0	—	7.1	35	8	-5	0
'ATBARA	360	5	30	02	0	0	—	6.3	31	13	0	0
KHARTÛM	20	5	30	02	0	0	—	5.9	32	13	0	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	30	6	30	02	0	0	—	6.3	31	11	-2	0
EL FÂSHER	60	6	30	02	0	0	—		29	11	-4	0
GENEINA	360	3	30	02	0	0	—		31	17	3	0
MALAKÂL												
WÂU	50	1	30	02	0	0	—	4.1	33	21	8	0
JUBA												

At 0600 on Friday 27th April,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.
SALUM	250	5	15	51	6	8	as	14.0	+0.6	18	20	-6	16	+2	68	12	0.1	90	
SÎDI BARÂNI	160	12	12	02	2	8	as	13.2		17	19		14		88	15	0	108	
MATRÛH	130	2	14	03	1	5	cs	15.2	+0.9	19	21		13		77	15	0	51	
EL DABA	00	0	15	01	1	3	cu	14.1		20	21		15		73	15	0	54	
ALEXANDRIA	90	10	50	01	1	4	cu,ci	14.4	+0.2	19	22	-2	16	0	73	14	0	62	183
FOUAD (Airport)	00	0	14	03	2	8	cc	14.2		20	22		16		73	15	0	63	138
DAMIETTA	360	2	7	03	1	4	sc	15.1	+1.1	19	22	-2	13	-2	83	16	0	Rain	103
PORT SA'ÎD	20	4	15	02	0	3	sc	13.7	+0.7	20	23		17		69	14	0	18	
EL 'ARISH	00	0	15	00	0	0	—	14.3	+0.6	19	22	-3	12	-2	68	13	0	Rain	91
DAMANHÛR	90	9	7	02	1	4	ci	15.4	+1.4	20			15	+2	64	13	0	35	98
MANSÛRA	360	5	35	02	1	2	cu	15.1	+0.9	20			14	0	73	15	0	31	52
TANTA	360	2	35	03	2	7	cu,sc	15.9	+1.7	19	27	-3	12	-1	83	16	0	23	40
ZAGAZIG	320	1	35	02	1	0	—	15.1	+0.8	18	28	-2	12	-1	83	15	0	Rain	26
ISMAÎLÎA	20	2	35	01	0	0	—	15.1		20	27		15		64	13	0	17	
FAROUK (Airport)	90	8	18	01	0	0	—	15.4		18	26		14		68	12	0	Rain	
ALMÂZA	70	8	15	03	0	2	cs	14.7	+0.7	18	25		14		73	13	0	12	
EZBEKÎYA	40	4	12	02	1	1	ci	14.8	+0.8	19	27	-3	15	0	64	12		11	24
GÎZA	40	4	12	02	1	1	ci	15.1	+1.1	20	27	-3	14	+2	56	11	0	11	24
HELWÂN	360	10	7	00	0	1	ci	14.6	+1.0	20	26	-4	16	+1	56	11	0	12	27
FAIYÛM	360	8	35	02	0	0	—	14.2	+0.5	20	28	-4	15	0	64	13	0	8	8
MINYA	20	10	8	00	0	1	ci	13.1	+0.1	20	28		14		56	11	0	3	
ASYÛT MANQABÂD	320	2	12	00	0	1	ci	12.6	-0.3	22	31		17		53	12	0	dr	
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.9	-0.3	23	36	+2	15	0	61	15	0	0.1	
QENA	320	2	15	00	0	0	—	12.3	+0.7	25	37	0	18	0	34	8	0	0	
LUXOR	360	5	30	00	0	0	—	11.3	-0.6	26	37		18		17	-1	0	0	
ASWÂN	320	2	50	00	0	0	—	11.6	-0.1	26			22	+1	27	5	0	0	
SÎWA	80	6	12	02	1	1	ci	15.5	+0.6	21	30	-1	17	+3	74	16	0	dr	6
BAHARÎYA	40	6	35	02	0	0	—	15.3	+1.1	21	29	-3	16	+2	57	12	0	0	7
FARAFRA	40	1	35	01	1	4	ac	13.1		22	35		17		25	1	0	dr	
DAKHLA	00	0	50	00	0	0	—	13.5	+0.4	25	37	+2	17	+1	18	-1	0	0	
KHARGA	00	0	35	00	0	0	—	11.9	-0.5	25	34	-1	20	+2	28	5	0	0	
SUEZ	360	7	50	00	0	3	ci	13.5	0.0	18			15	-1	60	10	0	5	16
TÛR	310	5	35	02	0	0	—	10.2	-1.4	22	26	-3	15	-3	65	15	0	4	13
HURGHADA	350	12	30	00	0	0	—	11.0	-0.8	25	25		17		74	18	0	dr	
QUSEIR	360	9	15	02	0	0	—	11.6	+0.1	25			19	+2	42	11	0	dr	4
PORT SUDÂN	330	8	30	02	0	0	—	11.0		29	33		19		33	11	0	152	96
WÂDI HALFA	00	0	50	03	1	5	ci	10.7		27	40		23		28	7	0	dr	
ABU HAMAD	360	3	30	03	0	0	—			30	42		21		17	2	0		
KAREIMA	70	4	18	10	2	0	—	10.1		28	41		23		14	-2	0	dr	1
'ATBARA	20	5	30	02	0	0	—	9.7		29	41		21		10	-6	0	0.3	3
KHARTÛM	40	12	30	02	0	0	—	7.6		30	41		22		12	-2	0	dr	5
KASSALA	20	5	30	02	0	0	—	6.3		31	42		22		17	3	0	3	11
WÂD MEDANI	50	9	35	02	0	0	—	7.6		28	41		18		10	-6	0	46	14
RENK																			56
ROSEIRES																			51
EL OBEID	10	8	30	02	0	0	—	9.2		28	39		20		16	0	0	7	18
EL FÂSHER	330	2	30	02	0	1	ci			21	38		16		20	-3	0	6	6
GENEINA	90	3	30	02	0	0	—			22	39		17		14	-8	0		7
MALAKÂL	200	2	30	03	1	5	ac,cs				41		24			16	0	70	119
WÂU	230	13	30	02	2	8	cs	9.1		28	42		25		55	18	0	145	226
JUBA	200	5	50	02	6	8	st,ac	11.6		25	37		22		70	19	34	260	290

HUMIDITY

Mean of day %

Station	on 26th	Diff. from normal
Alexandria	76	+7
Ezbekiya	50	-2
Giza	49	-5
Helwân	46	+7

GÎZA

GRASS MINIMUM TEMP. ON 27th 11.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 26th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	123	26	32	350	7
950					
900					
850	1515	13	63	350	12
800					
700	3118	5	—	320	24
600					
500	5775	-12	—	300	43
400	7440	-25	43	300	43
300					

On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 26th At 8h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	186	20	43	300	6
950					
900					
850	1560	11	44	310	18
800					
700	3152	5	35	300	20
600	4395	-4	—	290	29
500					
400					
300					

UPPER WIND OBSERVATIONS on 26th

Station	Siwa		Port Said		Fouad A.P.		Kharga		Dakhla		Hurghada		S. Barani										Port Said		Minya	
Time	14		14		14		14		14		14	15	14										20		21	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	9	20	6	330	9	20	9	40	4	340	23	80	5									30	5	20	15
600	100	10	350	4	350	10	30	11	20	3	340	16	80	13									70	8	20	12
1000	90	13	280	8	340	10	30	15	20	3	300	8	60	4											10	19
1500	20	21	360	9	330	17	30	19			280	14	350	13											340	10
2000	320	21	270	6							290	22	300	24												
3000	300	23	310	19							290	32	270	32												
4000	300	33																								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			4		8		3						2		8		7	15			7	30	8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			340	21	330	3	340	7					30	7	350	10	320	5			350	20	50	10
600			10	17	340	5	340	10					40	6	360	14	320	7			320	12	40	12
1000					330	10	320	16					320	7	10	12	320	12			300	14	360	14
1500			340	16	320	20	280	13					330	12	120	2	320	6			330	11	340	20
2000							270	13							250	16	360	7			300	18	340	19
3000															270	21								
4000															290	25								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8		3		4		4		4				4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	23	50	16	130	11	70	4	80	6														
600	80	22	50	16	130	9	80	11	50	16	70	15	90	11	40	23							350	3
1000	50	16	50	16	140	13	70	12	20	17	60	15	70	13					60	20			210	19
1500	360	10	40	16	210	15	50	10	360	9	40	19	70	24	50	23			50	17			250	10
2000	320	10	40	10															40	8				
3000	280	10							340	22	10	13	20	34	110	1							350	7
4000	250	23																						
5000	260	26																						
6000	250	42																						
7000																								
8000																								

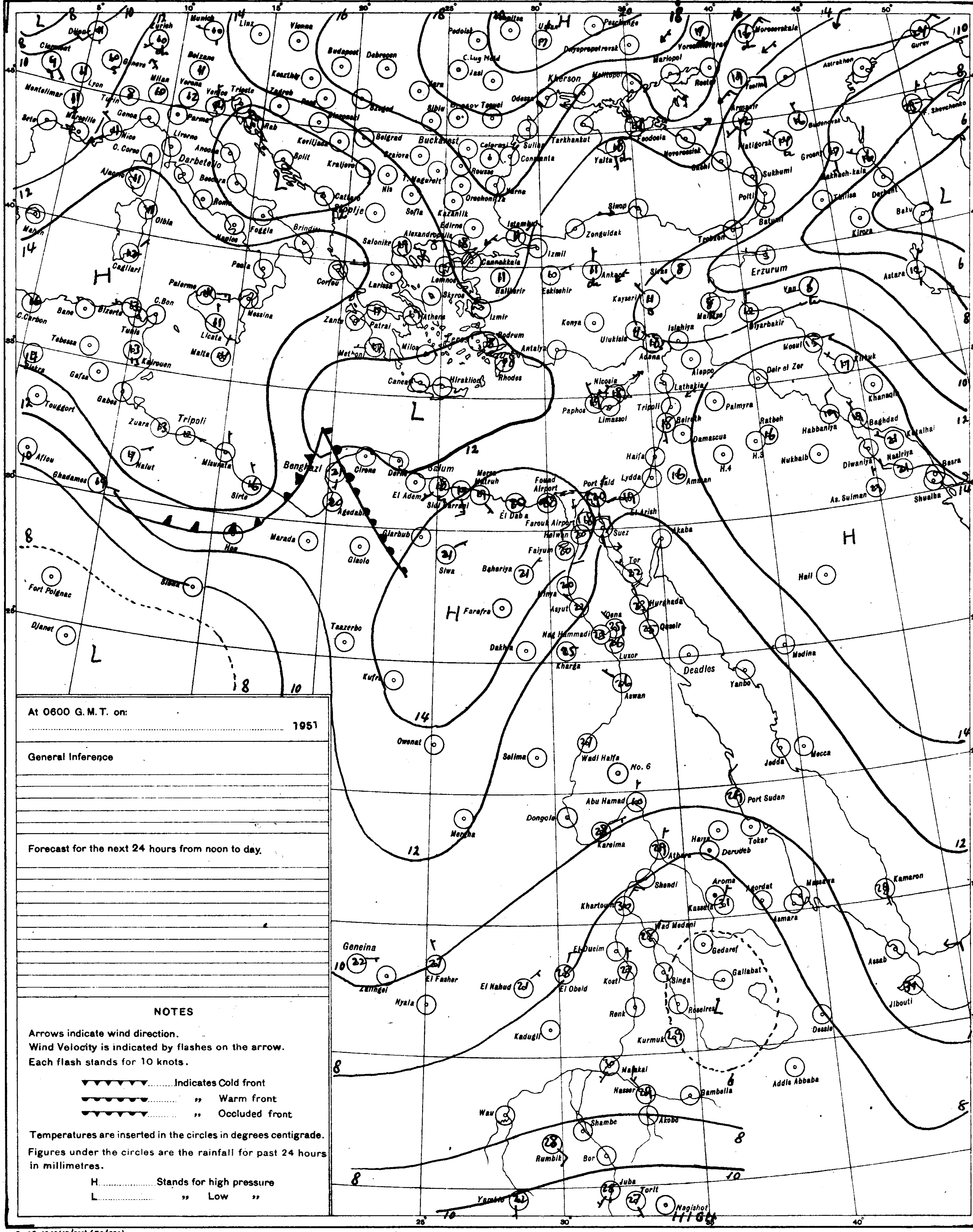
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 27/4/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
●●●●●●●........ ,, Warm front
▼●▼●▼●▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless.......00
Clouds dissolving.......01
State of sky generally unchanged.......02
Clouds developing.......03

Visibility more than 1000 metres:
- Visibility reduced by smoke.......04
- Dry haze.......05
- Dust in the air.......06
- ,, or sand raised by wind.......07
- Dust devil.......08
- Duststorm or sandstorm within sight or at station during last hour.......09
- Mist.......10
- Shallow fog.......12

Lightning, no thunder heard.......13
Precipitation within sight.......16
Thunder, no precipitation.......17

During past hour and not at time of observation:
- Squalls.......18
- Drizzle.......20
- Rain.......21
- Showers of rain.......25
- ,, ,, hail.......27
- Fog.......28
- Thunderstorm.......29

Duststorm or Sandstorm.......31
Fog.......45
Drizzle.......50
Rain.......60
Showers of rain.......80
,, ,, hail.......87
Rain } Thunderstorm during.......91
Hail } the past hour.......93
Thunderstorm with rain.......95
,, ,, hail.......96
,, ,, Sandstorm.......98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds.......0
Some clouds.......1
Mainly overcast.......2
Sandstorm or Duststorm.......3
Fog or thick dusthaze *(vis less than 1000 m.)*.......4
Drizzle.......5
Rain.......6
Snow or rain and snow.......7
Showers of rain.......8
Thunderstorm with or without rain.......9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless.......0
1/8 of sky coverd or trace of cloud.......1
2/8 th ,, ,, ,,.......2
3/8 ,, ,, ,, ,,.......3
4/8 ,, ,, ,, ,,.......4
5/8 ,, ,, ,, ,,.......5
6/8 ,, ,, ,, ,,.......6
7/8 ,, ,, ,, ,,.......7
Sky completely covered.......8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness.......9

"F. Samour"

CAIRO

Time of Sunrise 03 16 G.M.T.

" " Sunset 16 30 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 28th April, 1951

At 1200 on Friday 27th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM	70	5	35	20	5	6	Cu, As	9.5	28	40	13
	303	SÎDI BARÂNI											
	306	MATRŪH	130	3	30	01	2	6	Ac	12.4	26	37	10
	309	EL DABA	70	5	35	00	0	0	—	12.6			
		ALEXANDRIA	40	8	50	03	2	7	Ch, Ac	13.5	20	73	15
	318	FOUAD (Airport)	340	7	18	03	1	6	Ac, Ci	13.3	22	65	15
	330	DAMIETTA	20	2	35	02	1	5	As	13.3	21	65	14
	333	PORT SA'ID	10	7	30	01	1	5	Ci	12.3	22	57	13
	336	EL 'ARISH	20	8	30	02	1	6	Ci	12.6	21	65	14
Lower Egypt	339	DAMANHUR	40	9	15	02	1	4	As	15.1	24	54	14
	342	MANSURA	320	5	35	03	1	5	Cs	15.5	28	45	15
	348	TANTA	270	8	35	01	1	3	Cu, Sc	13.3	29	40	14
	354	ZAGAZIG	320	2	35	03	1	3	Cu	12.4	29	35	12
	440	ISMA'ILIA	110	2	35	03	1	6		13.5	28	33	10
Cairo Area	366	FAROUK (Airport)	40	2	30	02	1	5	Ci	13.1	29	29	9
	372	ALMAZA	70	11	18	03	1	5	Cs	12.4	27	27	6
		EZBEKIYA	90	8	18	00	0	0	—	12.3	28	31	9
		GIZA	90	8	18	00	0	0	—	13.0	29	29	9
	378	HELWAN	340	3	15	02	1	4	Ci	11.9	28	22	4
Upper Egypt	381	FAIYUM	360	5	35	02	0	0	—	12.6	30	21	5
	387	MINYA	360	12	10	03	0	1	Ci	10.5	32	13	0
	393	ASYUT MANQABAO	350	7	18	02	1	3	Ci	10.0	34	20	8
	399	NAG' HAMMADI	00	0	35	00	0	0	—	9.7	34	18	6
	402	QENA	360	2	50	00	0	0	—	8.8	38	19	11
	405	LUXOR	70	6	30	00	0	0	—	8.2	38	7	-3
	414	ASWAN	00	0	50	03	1	0	—	8.8	37	10	0
Oases	417	SIWA	120	11	14	03	2	6	Ac, Ci	12.7	32		
	420	BAHARIYA	40	2	35	02	0	0	—	12.2	31	28	10
	423	FARAFRA	40	1	35	02	0	0	—	11.1	32	17	4
	432	DAKHLA	00	0	50	00	0	0	—	8.3	38	13	5
	435	KHARGA	00	0	7	02	1	6	Ci	9.1	39	14	7
Red Sea	450	SUEZ	20	5	50	02	0	3	Ci	11.4	29	19	3
	459	TOR											
	462	HURGHADA											
	465	QUSEIR	360	9	15	00	0	6	Ci	11.9	25	70	19
	641	PORT SUDAN	50	12	30	02	0	0	—	8.5	30	49	18
North Sudan	600	WADI HALFA	310	5	30	03	1	5	Cs	6.8	41	10	3
	640	ABU HAMAD	360	3	30	02	0	0	—		39	7	-3
	660	KAREIMA	50	3	50	02	0	0	—	5.3	40	7	-3
	680	'ATBARA	20	13	10	07	0	0	—	4.2	40	4	-10
	721	KHARTUM	350	9	30	02	0	0	—	3.6	40	8	0
	730	KASSALA	360	4	30	02	0	0	—	1.1	42	9	2
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	5	30	02	0	0	—	3.2	39	13	6
	760	EL FASHER	20	8	30	02	0	0	—		38	6	-7
	770	GENEINA	280	4	30	02	0	0	—		38	4	-10
S. Sudan	840	MALAKAL	200	7	30	03	1	6	Cu, Ci	4.4	38	24	14
	880	WAU	230	9	30	02	1	3	Cu, As, Ci	4.5	37	25	14
	941	JUBA	200	5	30	02	2	7	Cu, As, Ci	5.8	34	39	18

At 1800 on Friday 27th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	180	5	15	01	9	4	Cu, As	10.7	22	65	15	0
SIDI BARANI												
MATRUH	120	8	15	13	5	3	Ac, Cs	11.9	20	60	12	dr.
EL DABA												
ALEXANDRIA	40	10	35	00	0	0	—	13.5	19	73	10	0
FOUAD (Airport)	20	6	18	01	1	0	—	13.4	19	83	16	0
DAMIETTA	40	2	7	02	1	3	Ac	13.3	19	83	16	0
PORT SA'ID	30	9	18	01	1	4	Ac, Ci	12.0	20	69	14	0
EL 'ARISH	340	4	12	01	2	1	Ci	12.5	19	78	15	0
DAMANHUR	90	9	7	02	1	3	As	12.9	19	73	14	0
MANSURA	40	5		00	1	0	—	12.7	21	65	14	0
TANTA	310	2	35	01	1	4	Cu, Sc	12.5	22	65	15	0
ZAGAZIG	320	1	35	02	1	0	—	12.4	22	57	13	0
ISMA'ILIA	20	2	35	01	0	0	—	12.7	22	50	11	0
FAROUK (Airport)	40	10	12	00	1	0	—	12.7	24	47	12	0
ALMAZA	60	5	12	01	1	2	Ci	12.0	25	42	11	0
EZBEKIYA	00	0	12	02	1	3	Ci	12.0	24	47	12	0
GIZA	00	0	12	02	1	3	Ci	12.6	24	47	12	0
HELWAN	20	6	7	02	1	4	Ci	11.5	25	34	8	0
FAIYUM	360	2	35	02	0	0	—	12.3	25	42	11	0
MINYA	340	6	8	00	0	0	—	10.0	23	32	5	0
ASYUT MANQABAO												
NAG' HAMMADI	00	0	15	00	0	1		11.1	25	42	11	0
QENA	290	2	7	00	0	0	—	10.7	28	27	7	0
LUXOR												
ASWAN	00	0	50	00	0	0	—	8.8	34	18	6	0
SIWA												
BAHARIYA												
FARAFRA	360	1	15	01	2	5	Ac	11.2	27	17	0	0
DAKHLA	340	5	50	00	0	0	—	9.5	34	6	-8	0
KHARGA	00	0	7	00	0	0	—	9.4	32	15	2	0
SUEZ												
TOR												
HURGHADA												
QUSEIR	360	5	15	01	1	4		11.4	24	74	19	0
PORT SUDAN	340	9	30	02	0	0	—	9.4	26	70	20	0
WADI HALFA	10	6	30	01	1	3	Ci	6.7	34	16	5	0
ABU HAMAD	330	1	30	02	0	0	—		32	10	-3	0
KAREIMA	20	3	30	02	0	0	—	6.3	33	10	-2	0
'ATBARA	360	2	30	02	0	0	—	5.1	32	14	01	0
KHARTUM	10	5	30	02	0	0	—	4.6	32	18	5	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	0	0	—	4.5	31	15	1	0
EL FASHER	20	4	30	02	0	0	—		31	11	-3	0
GENEINA	280	4	30	02	0	2	Ci		32	9	-5	0
MALAKAL	220	2	30	01	1	1	Ac	5.4	32	36	15	0
WAU	210	6	30	03	1	7	Cs	4.8	35	23	11	0
JUBA	180	5	30	19	2	8	Cb, Cs	7.0	30	52	19	0

At 0600 on Saturday 28th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	240	5	15	00	1	3	Cu	13.5	+0.1	19	28	+2	15	+1	73	14	0	90	
SIDI BARANI																			
MATRUH	240	5	30	02	1	1	Ac	12.8	-1.5	22	28		15		50	11	dr.	51	
EL DABA																			
ALEXANDRIA	130	13	50	01	1	3	Cu, Ci	13.5	-0.6	19	23	-2	16	0	73	14	0	62	183
FOUAD (Airport)	90	10	18	00	1	0	—	13.3		20	25		15		73	15	0	63	138
DAMIETTA	20	2	7	02	1	3	Ac	14.7	+0.7	21	23	-1	16	+1	74	16	0	Rain	103
PORT SA'ID	80	10	30	02	0	1	Ci	12.8	-0.2	21	23		18		74	16	0	18	
EL 'ARISH											22	-3							91
DAMANHUR	120	9	7	02	1	1	Ac	14.4	+0.4	21	25	-3	14	0	57	12	0	35	98
MANSURA	90	5	35	00	0	0	—	13.0	-1.2	22	30	+1	15	+1	47	10	0	31	52
TANTA	00	0	35	02	0	0	—	14.7	+0.8	20	29	-1	13	0	73	15	0	23	40
ZAGAZIG	40	2	35	02	0	0	—	13.8	-0.5	21	30	0	15	+2	65	14	0	Rain	26
ISMA'ILIA	90	2	35	01	0	0	—	13.9		22	29		16		50	11	0	17	
FAROUK (Airport)											29								
ALMAZA	100	15	17	00	0	0	—	12.8	-1.1	24	28		18		32	6	0	12	
EZBEKIYA	00	0	12	00	0	0	—	13.4	-0.5	25	29	-1	17	+2	34	8	0	11	24
GIZA	00	0	12	00	0	0	—	13.4	-0.5	25	30	0	14	+2	34	8	0	11	24
HELWAN	20	11	7	05	0	0	—	12.8	-0.7	25	29	-1	19	+4	28	5	0	12	27
FAIYUM	00	0	35	02	0	0	—	13.6	0.0	26	31	-1	17	+2	42	12	0	8	8
MINYA	350	7	8	00	0	0	—	12.7	-0.3	22	32		16		47	10	0	3	
ASYUT MANQABAO	320	6	8	01	0	2	Ac	11.6	-1.3	23			18		47	11	0	dr.	
NAG' HAMMADI											36	+2							
QENA	40	2	15	00	0	0	—	10.6	-0.9	23	39	+2	21	+3	44	10	0	0	
LUXOR	220	6	18	00	0	0	—	9.7	-2.1	28			18		19	2	0	0	
ASWAN											38	+1							
SIWA																			8
BAHARIYA																			7
FARAFRA	00	0	35	00	0	1	Ac	13.8		27	35		21		33	9	0	dr.	
DAKHLA	00	0	50	00	0	0	—	12.7	-0.3	27	39	+4	21	+4	27	6	0	0	
KHARGA	360	4	15	00	0	0	—	11.0	-1.3	27	40	+5	21	+3	27	6	0	0	
SUEZ																			16
TOR																			13
HURGHADA																			
QUSEIR	360	5	15	02	0	0	—	11.2	-0.2	26	27	-2	20	-1	30	7	0	dr.	4
PORT SUDAN	360	3	30	02	0	0	—	11.4		29	32		21		43	15	0	152	96
WADI HALFA	340	11	30	01	2	5	Ci	9.0		31	42		27		16	2	0	dr.	
ABU HAMAD	00	0	30	02	0	0	—			28	41		22		15	-1	0		
KAREIMA	50	3	30	02	0	0	—	9.9		29	41		23		18	2	0	dr.	1
'ATBARA	20	9	10	02	0	0	—	8.9		30	41		21		10	-5	0	0.3	3
KHARTUM	40	12	30	02	0	0	—	8.7		31	41		22		18	4	0	dr.	5
KASSALA	180	1	30	03	0	2	Ac	7.7		29	42		18		25	7	0	3	11
WAD MEDANI	50	9	35	02	0	0	—	8.3		30	42		22		13	-1	0	46	14
RENK																			56
ROSEIRES	230	9	50	02	0	0	—	9.0		32	42		21		36	15	0	0	52
EL OBEID	50	3	30	01	2	3	Ac	8.3		29	40		21		15	0	0	7	18
EL FASHER											39								6
GENEINA											39								7
MALAKAL	200	6	30	01	2	7	Ac	9.5		30	39		27		46	17	0	70	120
WAU											40								229
JUBA	100	25	30	02	2	8	Ac	10.7		27	35		24		66	20	0	260	295

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	74	+5
Ezbekiya	52	+1
Giza	51	-3
Helwan	39	0

GIZA GRASS MINIMUM TEMP. ON 28th 11.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 27th At 1500 H

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	105	28	29	30	10
950					
900					
850	1512	15	36	30	6
800					
700	3130	6	46	270	36
600					
500	5772	-12	93	270	55
400	7465	-24		270	75
300	9484	-42		270	68

AIRPORT On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

Station	Matruh		P. Said		Minya		Asyut		Siwa		Dakhla		Kharga								Farouk AP.		Minya		Fouad AP.	
Time	14		14		14	15	14		14		14		14								20	30	20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	7	20	9	10	12			120	17	120	14	190	6	280	6					70	21	20	27		
600	260	5	110	9	40	15	360	4	110	19	130	12	230	4	200	3					30	10	10	10	30	7
1000	240	3	350	9	30	10	100	7	100	15	150	10	230	4	330	7					330	15	180	2	260	6
1500	260	9	150	7	60	7	260	9	50	5	160	11			30	10							240	13	10	7
2000	290	18	340	7			260	23	300	15					80	7										
3000							230	23	290	23															260	
4000							270	31	270																	
5000									250																	
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time			4		2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			90	1	280	6	80	15					30	21									
600			180	10	200	3	360	7					20	22									
1000			160	9	330	7	330	7					30	3									
1500			30	15	30	10	320	10					350	17									
2000			240	17	80	7	320	12					310	9									
3000			270	17			280	13															
4000							280	16															
5000							250	17															
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time																	3		4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																	50	10					190	17
1000																			50	23			190	23
1500																			50	18			330	7
2000																			70	11				
3000																	340	9	230	1			350	11
4000																	340	7	220	10				
5000																			220	9				
6000																								
7000																								
8000																								

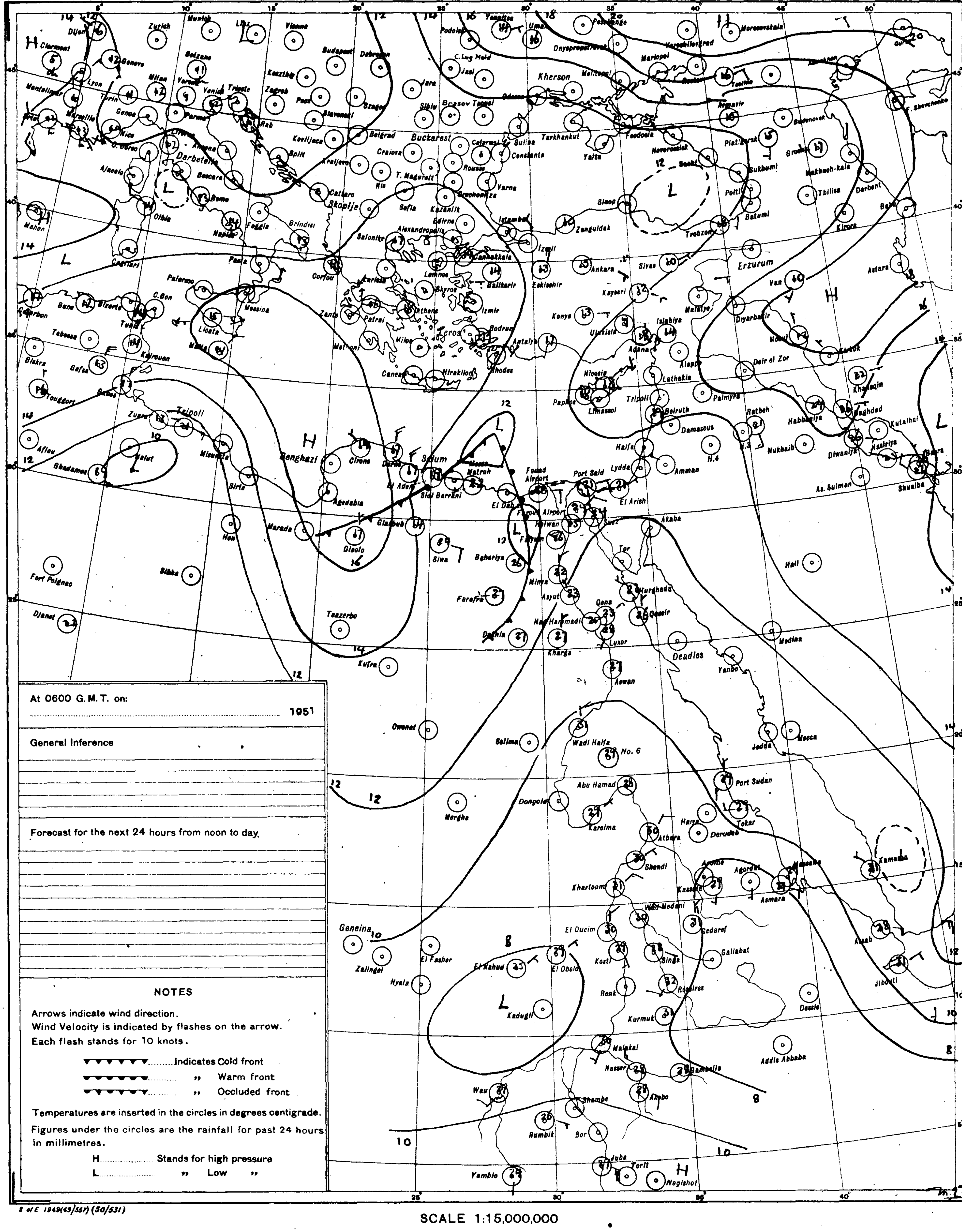
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/451)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 28/4/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 03 15 G. M. T.
" " Sunset 16 30 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 29th April, 1951

At 1200 on Saturday 28th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	40	5	35	03	1	5	Cs	13.3	20	69	14
	303	SÎDI BARÂNI	310	8	15	03	1	6	Cs	13.1	19	78	15
	306	MATRÛH	330	12	14	00	0	0	—	13.4	18	88	16
	309	EL DABA	30	8	15	01	1	3	Cu	13.0	23	53	13
		ALEXANDRIA	20	15	60	02	2	3	Cu	13.1	23	65	16
	318	FOUAD (Airport)	20	9	18	03	1	5	As	12.5	28	45	15
	330	DAMIETTA	40	5	35	02	1	3	Ac	13.6	24	54	14
	333	PORT SA'ID	60	11	30	02	0	1	Ci	12.9?	22	69	16
	336	EL 'ARISH	20	10	30	00	0	0	—	13.3	22	74	17
Lower Egypt	339	DAMANHUR	130	9	15	02	1	1	Ac	13.4	31	31	12
	342	MANSURA	40	5	35	02	1	3	Ac	13.0	31	43	17
	348	TANTA	130	2	35	01	1	3	Cs	13.4	32	28	11
	354	ZAGAZIG											
	440	ISMAÎLIA	70	5	35	03	1	4	As	12.4	30	31	11
Cairo Area	366	FAROUK (Airport)	40	12	30	03	0	1	Ci	12.3	31	38	15
	372	ALMAZA	70	8	18	03	0	3	Ci	11.6	30	16	
		EZBEKIYA	130	4	18	00	0	0	—	11.8	32	18	5
		GIZA	120	4	18	00	0	0	—	12.0	33	21	8
	378	HELWÂN											
Upper Egypt	381	FAIYÛM			35	03	1		Ci	12.2	33	21	8
	387	MINYA	30	10	10	03	1	6	Ac,Cs	10.8	34	14	3
	393	ASYUT MANQABÂD	360	8	30	02	1	1	Ci	9.3	36	19	9
	399	NAG' HAMMÂDI											
	402	QENA	320	2	50	00	0	0	—	8.4	38	16	8
	405	LUXOR	250	10	30	00	0	0	—	7.3	40	5	-6
	414	ASWÂN	200	6	50	00	0	0	—	5.8	40	10	2
Oases	417	SÎWA	290	17	12	00	0	0	—	12.4	32	20	6
	420	BAHARÎYA	00	0	35	02	1	5	Ac	11.4	35	23	11
	423	FARAFRA	360	1	35	01	1	3		12.4	34	14	3
	432	DAKHLA	340	8	80	00	0	0	—	11.5	35	8	-4
	435	KHARGA	360	2	15	01	1	3	Ci	9.5	36	13	4
Red Sea	450	SUEZ	360	4	50	03	0	2	Cu	10.8	31	17	3
	459	TÔR											
	462	HURGHADA	360	9	30	03	1	2	Ci	9.6	26	79	22
	465	QUSEIR	360	9	15	02	0	0	—	9.7	27	70	21
	641	PORT SUDAN	50	1	30	02	0	0	—	5.6	39		
North Sudan	600	WÂDI HALFA	290	10	30	02	0	1		5.5	42	6	-4
	640	ABU HAMAD	80	5	30	02	0		Cs		39	7	-4
	660	KAREIMA											
	680	'ATBARA	20	9	10	02	0	0	—	3.9	40	4	-10
	721	KHARTUM	340	10	30	03	0	1		4.3	41		
	730	KASSALA	360	5	30	02	0	0		2.5	41	9	2
Central Sudan	751	WÂD MEDANI	310	9	30	02	0	0	—	3.0	40	8	0
	801	RENK	250	2	35	02	1	3	Ci		39	16	9
	802	ROSEIRES	230	9	35	02	0		Cs	4.0	41	14	8
	771	EL OBEID	90	6	30	02	0	1	Ac	4.2	39	14	7
	760	EL FÂSHER	60	6	30	02	0	1	Ci		39	7	-4
	770	GENEINA	140	10	30	03	0	1	Ci		39	8	-2
S. Sudan	840	MALAKÂL											
	880	WÂU	250	9		03	2	8	Cu,Ac,Cs	5.0	37	33	18
	941	JUBA	180	2	50	02	2	8	Cu				15

At 1800 on Saturday 28th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	320	2	15	00	0	0	—	14.2	17	77	13	0
SÎDI BARÂNI	320	10	12	01	1	3	Sc	13.4	17	77	13	0
MATRÛH	340	6	10	01	2	6	Sc,Ac	14.0	18	83	15	0
EL DABA	00	0	7	00	0	0	—		19	83	16	0
ALEXANDRIA	90	16	35	00	0	0	—	13.1	21	74	16	0
FOUAD (Airport)	40	11		01	2	0	—	12.9	21	74	16	0
DAMIETTA	90	5	7	02	0	2	Ac	13.6	20	73	15	0
PORT SA'ID	50	13	14	02	0	1	Ci	13.8	20	78	16	0
EL 'ARISH												
DAMANHUR	130	9	35	02	0	0	—	13.5	23	44	10	0
MANSURA	40	5		00	1	0	—	13.9	21	74	16	0
TANTA	80	0	35	01	1	2	Cu,Sc	14.2	23	50	12	0
ZAGAZIG	40	3	35	02	0	0	—		23	60	12	0
ISMAÎLIA	20	5	35	01	0	0	—	13.4	23	50	12	0
FAROUK (Airport)	60	11	12	00	0	0	—	12.3	25	32	7	0
ALMAZA	40	10	12	00	0	0	—	12.7	26	35	9	0
EZBEKIYA	40	10	12	00	0	0	—	12.8	26	30	7	0
GIZA	20	21	15	01	0	0	—	11.4	28	22	4	0
HELWÂN												
FAIYÛM	00	0	35	01	0	0	—	11.5	26	27	10	0
MINYA	40	6	10	00	2	0	—	11.1	24	41	10	0
ASYUT MANQABÂD	00	0	8	01	1	0	—	10.9	28	33	10	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.8	28			0
QENA	290	2	7	00	0	0	—	10.6	32	24	9	0
LUXOR	00	0	12	00	0	0	—	8.9	30	18	3	0
ASWÂN	00	0	50	00	0	0	—	7.8	36	10	-1	0
SÎWA	320	6	10	01	2	2	Cs	12.4	27	40	12	0
BAHARÎYA	00	0	15	02	1	0	—	10.7	28	40	13	0
FARAFRA	270	1	15	02	0	0	—	13.3	26	21	7	0
DAKHLA	340	5	50	00	0	0	—	12.7	30	16	1	0
KHARGA	360	2	15	01	1	1	—	10.4	31	12	-1	0
SUEZ	360	6	35	01	0	0	—	11.9	25	28	5	0
TÔR												
HURGHADA	00	0	12	02	2	5	Cs	9.1	24	69	18	0
QUSEIR	20	5	15	02	0	0	—	9.1	27	77	11	0
PORT SUDAN			20	02	0	0	—	9.9	31	59	22	0
WÂDI HALFA	360	2	30	02	0	0	—	6.4	32	12	-1	0
ABU HAMAD												
KAREIMA	20	3	30	02	0	0	—	6.3	33	13	1	0
'ATBARA	360	5	30	02	0	0	—	5.2	32	15	2	0
KHARTUM	10	7	30	02	0	1	Ac	4.3	33	19	6	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL					13	2	Cb,Ac	6.2	32	36	15	0
WÂU	160	13	30	13	1	3	Cb,Cs	7.7	28	84	25	0
JUBA	180	5	50	13	1	6	Cb,Ac	6.5	31	52	20	0

At 0600 on Sunday 29th April,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	40	5	15	03	1	4	Ac	15.5	+2.1	19			15	0	73	14	0	94	
SÎDI BARÂNI	30	3	13	02	1	5	Sc	15.3		18	20		15		78	14	0	108	
MATRÛH	20	4	30	02	2	7	Ns	15.7	+1.4	18	22		15		83	15	0	51	
EL DABA	40	6	15	01	1	3		14.6		20	27		17		83	17	0	54	
ALEXANDRIA	40	10	50	03	2	6	Cu,Cs	14.8	+0.7	22	29	+4	17	+1	57	13	0	62	183
FOUAD (Airport)	60	6	18	02	1	5	Cs	14.8		21	31		16		65	14	0	63	138
DAMIETTA	40	5	15	02	1	3	Ac	15.6	+1.7	22	26	+2	18	+2	74	17	0	Rain	103
PORT SA'ID	70	9	13	01	0	1	Ac	15.1	+2.1	23	23		19		65	16	0	18	
EL 'ARISH	00	0	30	02	1	1	Ci	15.1	+0.4	20	·		12	-2	78	16	0	Rain	91
DAMANHUR											32	+4							98
MANSURA	90	5	35	02	1	2	Ci	14.7	+0.6	21	32	+3	15	+1	69	15	0	31	52
TANTA	90	2	35	01	1	4	Cs	13.9	-0.3	22	32	+2	16	+3	57	13	0	23	40
ZAGAZIG	40	3	35	02	0	0		13.5	-0.8	22	32	+2	16	+3	44	9	0	Rain	26
ISMAÎLIA	110	2	35	03	1	2	Ac	14.4		25	31		17		34	8	0	17	
FAROUK (Airport)	110	15	84	02	1	4	Ci	13.1		28			18		58	19	0	Rain	
ALMAZA	50	19	15	03	0	2	Cs	12.6	-1.3	28	32		19		16	0	0	12	
EZBEKIYA	310	4	12	02	1	3	Ci	13.5	-0.4	24	32	+2	17	+2	47	12	0	11	24
GIZA	310	4	12	02	1	3	Ci	13.4	-0.5	23	33	+3	13	+1	50	12	0	11	24
HELWÂN	00	0	15	00	2	8	Ci	13.6	+0.1	22	33	+3	17	+1	50	11	0	12	27
FAIYÛM	00	0	35	02	0	0	—	15.9	+2.4	25	34	+2	16	+1	34	8	0	8	8
MINYA	00	0	8	03	1	4	Ci	14.2	+1.3	26	34		15		35	9	0	3	
ASYUT MANQABÂD	00	0				5	Ci	14.0	+1.2	28	36		18		40	13	0	do.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	14.4	+2.3	26			17	+1	42	12	0	01	
QENA	270	2	15	00	0	0	—	14.1	+2.7	27	39	+2	21	+3	37	11	0	0	
LUXOR	00	0	30	00	0	0		13.2	+1.4	30	40		20		17	2	0	0	
ASWÂN	00	0	50	00	0	0	—	14.0	+2.5	30	41	+4	24	+3	25	8	0	0	
SÎWA	40	2	12	00	0	0	—	15.8	+1.0	19	33	+1	14	0	73	14	0	do.	8
BAHARÎYA	270	3	35	02	1	4	Ac	12.9	-0.2	24	35	+3	16	+1	61	16	0	0	7
FARAFRA	360	0	15	01	2	5	Ac	14.7		22	37		17		44	9	0	do.	
DAKHLA	00	0	50	00	0	0	—	15.9	+2.9	23	35	-1	16	-1	34	1	0	0	
KHARGA	00	0	35	03	1	2	Ci	13.8	+1.6	26	37	+1	18	0	30	7	0	0	
SUEZ											33	+3							16
TÔR																			13
HURGHADA	330	4	30	03	0	1	Ci	11.5	-0.2	25	26		18		70	19	0	do.	
QUSEIR	330	9	15	02	0	0	—	12.2	+0.8	29	28	-1	22	+1	29	9	0	do.	4
PORT SUDAN																			96
WÂDI HALFA	360	1	30	01	0	0	—	13.2		28	43		22		25	6	0	do.	
ABU HAMAD	360	9	30	02	0	0					41		19			-4	0.		
KAREIMA	90	1	30	02	0	0	—	10.7		30	41		23		16	1	0	do.	1
'ATBARA	360	9	30	02	0	0	—	9.7		29	41		21		20	4	0	0.3	3
KHARTUM	10	10	30	02	0	1	Ac	9.0		31	41		23		19	5	0	do.	5
KASSALA																			11
WÂD MEDANI																			14
RENK																			56
ROSEIRES	30	5	35	02	3	8	Ac,Ci	10.2		28	42		25		52	17	0	0	52
EL OBEID	80	4	30	02	0	1	Ac	10.0		30	39		20		21	5	0	7	18
EL FÂSHER	50	3	30	02	0	0	—	1		23	40		16		7	-16	0	6	6
GENEINA	70	6	18	03	0	1	Ci			26	39		18		6	-15	0		7
MALAKÂL	200	2	30	03	2	8	Ac,Cs	11.0		27	39		25		55	17	0	70	121
WÂU	100		30	01	2	7	Ac	11.5		27	38		23		55	17	0	148	232
JUBA	200	12	30	03	9	8	Sc,Ac,Ci	6.5		22	38		22		89	20	1	261	300

HUMIDITY % Mean of day

Station	on 28th	Diff from normal
Alexandria	72	+3
Ezbeklya	31	-20
Giza	35	-19
Helwan	22	-17

GIZA GRASS MINIMUM TEMP. ON 29th 10.1 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 28th At 15.00 B

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	32	10	50	9
950					
900					
850	1514	19	24	40	9
800					
700	3143	4	44	270	8
600					
500	5795	-7		270	29
400	7415	-28		260	40
300	9418	-42		250	48

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 28th

Station	R Said		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		Matruh								Minya		Farouk AP	
Time	14		14		14		14		14		14		14		14								20			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	16	350	9	320	10	300	10	340	17	20	10	30	3	350	11							30	11	90	33
600	40	6	330	12	320	10	300	13	340	17	20	14	350	10	350	11							30	10	80	30
1000	50	6	310	13	320	10	310	13	340	26	30	16	310	10	310	6							30	9	80	17
1500	330	3	320	17	300	12	320	16					320	2									260	6	60	10.
2000	320	8			300	3	310	20					220	14									300	14	60	11
3000					260	24																	330	14	90	12
4000					250	31																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time							2						2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							100	29					110	10										
600							100	31					120	3										
1000							90	23					80	11										
1500							110	9					30	3										
2000							300	14																
3000							190	2																
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4		4				3		4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	17							20	3						
600									30	27	80	12	40	19			20	3						
1000									70	27	70	13	50	25			10	10	40	17				
1500									360	21	50	15	50	20			20	12	40	15				
2000																	320	6						
3000									120	13		15	50	22			310	1	30	8				
4000																								
5000											250	9					140	3						
6000													290	14					26	21				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

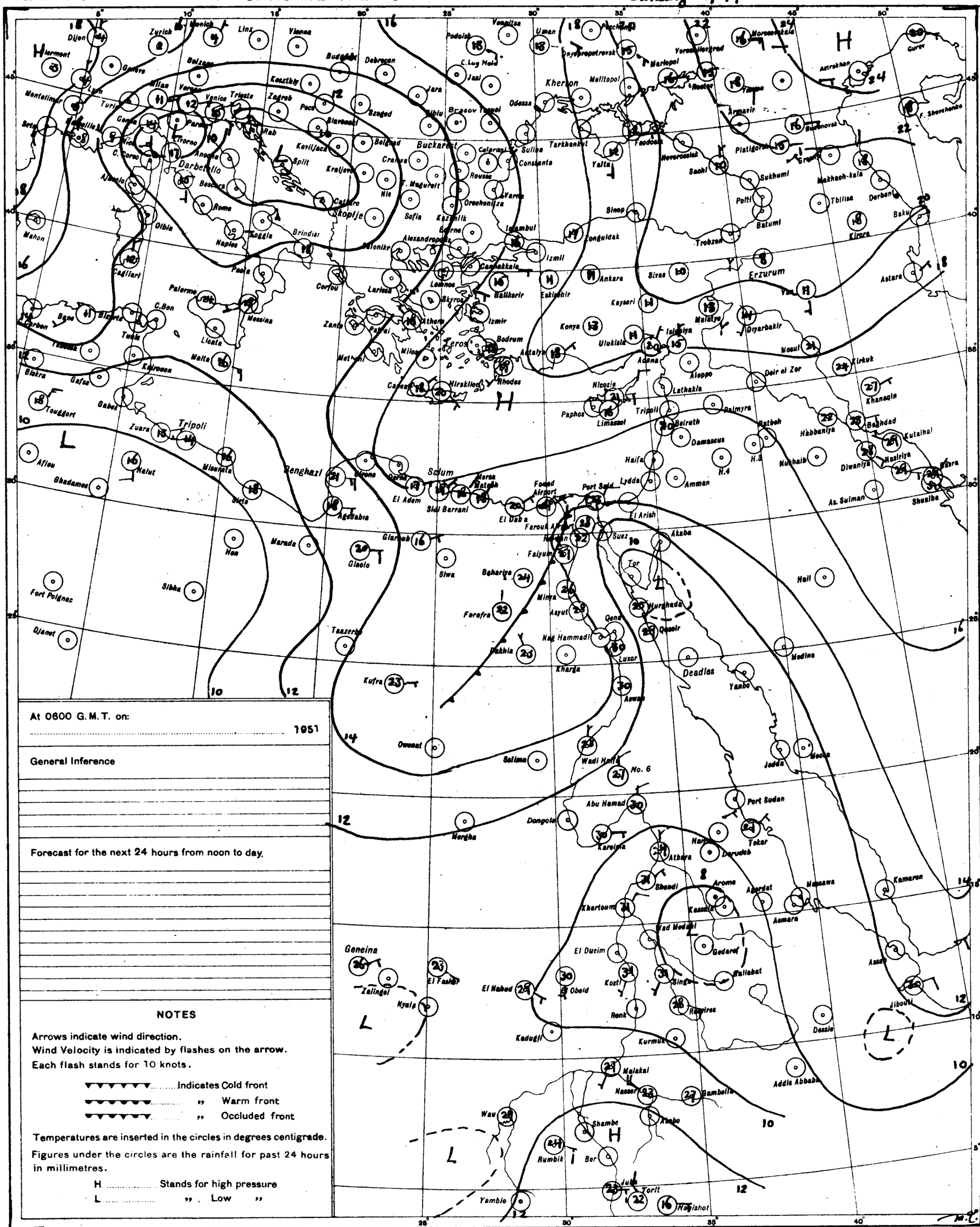
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscript on P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 29/4/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	=
Visibility more than 1000 metres: Shallow fog	12	=
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	≡
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	
Rain: Thunderstorm during the past hour	91	•
Hail: Thunderstorm during the past hour	93	△
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 14 G. M. T.

" " Sunset 16 31 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 30th April, 1951

At 1200 on Sunday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI	50	11	18	03	0	2	Ci	16.0	20	69	14
	306	MATRÛH	10	8	15	01	2	2	Sc	16.2	20	78	16
	309	EL DABA	340	8	35	01	1	1	Cu		23	65	16
		ALEXANDRIA	40	20	50	00	0	0	—	14.6	22	74	17
	318	FOUAD (Airport)	30	11	18	01	0	0	—	14.0	23	78	19
	330	DAMIETTA	40	5	35	02	1	3	Ac	15.5	23	74	18
	333	PORT SA'ÎD	40	15	30	02	0	3	Cc	15.1	22	89	20
	336	EL 'ARISH	360	8	30	03	1	3	Ci	14.6	23	74	18
Lower Egypt	339	DAMANHUR	130	5	15	02	1	1	Cu	14.3	33	36	16
	342	MANSURA	40	9	35	00	1	0	—	14.2	33	44	19
	348	TANTA											
	354	ZAGAZIG	40	2	50	03	1	3	Cu	13.3	35	20	9
	440	ISMA'ILIA	110	2	35	03	1	4	Cu	13.5	34	22	9
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	90	5	15	02	0	1	Cu	12.2	35	15	5
		EZBEKÎYA	00	0	35	00	0	1	Cu	12.3	35	16	6
		GÎZA	00	0	18	02	1	2	Ci	12.3	36	17	7
	378	HELWÂN	270	5	35	01	1	2	Cu	12.3	35	12	1
Upper Egypt	381	FAIYÛM			35	02	0	0	—	13.3	36	31	16
	387	MINYA	140	7	12	02	2	0	—	12.2	35	12	1
	393	ASYÛT MANQABÂD	00	0	30	01	1	2	Ci	11.8	36	15	6
	399	NAG' HAMMÂDI	00	0	35	01	0	2	Ac	11.4	36	20	10
	402	QENA	320	2	50	00	0	0	—	11.1	38	13	5
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—				2
Oases	417	SÎWA											
	420	BAHARÎYA											
	423	FARAFRA	360	1	35	02	0	0	—	14.6	34	14	3
	432	DAKHLA											
	436	KHARGA	340	4	15	00	0	0	—	12.7	35	12	1
Red Sea	450	SUEZ	180	5	50	03	0	2	Cu, Ci	12.3	33	16	4
	459	TÔR	310	4	35	02	1	0	—		31	28	10
	462	HURGHÂDA	40	4	30	03	2	7	Cc	10.7	27	70	21
	465	QUSEIR											
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Sunday 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	40	9	15	02	2	6	Cu, Cs	15.4	18	88	16	0
SÎDI BARÂNI	40	7	13	02	2	6	Sc	14.8?	18	83	15	0
MATRÛH	50	6	12	02	2	3	Sc	16.0	19	83	16	0
EL DABA	70	8	7	00	0	0	—	14.7	19	88	17	0
ALEXANDRIA	60	16	35	00	0	0	—	15.5	20			0
FOUAD (Airport)												
DAMIETTA	40	9	7	01	0	1	Ac	15.2	21	83	18	0
PORT SA'ÎD	40	19	15	02	1	0	—	13.6	21	83	18	0
EL 'ARISH												
DAMANHUR	40	9	15	02	0	0	—	15.8	22	74	17	0
MANSURA	360	9		00	0	0	—	14.8	22	74	17	0
TANTA	360	2	35	02	1	0	—	15.8	22	65	15	0
ZAGAZIG	40	3	35	02	1	0	—		24	61	16	0
ISMA'ILIA	20	5	35	01	0	0	—	14.0	26	55	16	0
FAROUK (Airport)												
ALMÂZA	90	12	12	00	0	0	—	11.9	30	21	5	0
EZBEKÎYA	40	10	13	00	0	0	—	12.7	29	29	9	0
GÎZA	40	10	14	00	0	0	—	13.4	30	21	5	0
HELWÂN	20	7	15	01	0	0	—	12.2	30	10	-4	0
FAIYÛM	00	0	35	02	0	0	—	13.1	26	42	12	0
MINYA	00	0	12	00	1	0	—	12.7	26	28	6	0
ASYÛT MANQABÂD	310	3	12	00	0	0	—	12.3	28	13	-3	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.2	25	54	15	0
QENA	320	2	7	00	0	0	—	12.3	29	37	13	0
LUXOR												
ASWÂN	330	3	50	00	0	0	—	11.4	34	14	3	0
SÎWA												
BAHARÎYA	00	0	15	02	1	0	—	13.6	26	37	10	0
FARAFRA	360	1	15	02	0	0	—	15.4	27	22	3	0
DAKHLA	320	8	50	00	0	0	—	15.2	31	12	-1	0
KHARGA	00	0	15	00	0	0	—	13.4	31	12	-1	0
SUEZ	00	0	35	01	0	0	—	13.4	28	27	7	0
TÔR	40	9		02	0	0	—		30	16	1	0
HURGHÂDA	00	0	12	00	0	0	—	10.9	24	47	12	0
QUSEIR	360	5	15	01	1	0	—	11.0	27	52	16	0
PORT SÛDÂN	340	2	30	02	2	2	Ac	11.6	28	74	23	0
WÂDI HALFA	360	11	30	02	0	0	—	11.1	31	19	5	0
ABU HAMAD	350	1	30	02	0	0	—		35	8	-4	0
KAREIMA												
'ATBARA	360	10	30	02	0	0	—	8.6	35	10	-1	0
KHARTÛM	20	8	30	01	0	0	—	6.2	30	21	5	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	0	0	—	6.4	32	26	10	0
EL FÂSHER												
GENEINA												
MALAKÂL	160	3	30	01	2	8	Ac, Cs	7.4	33	32	14	0
WÂU												
JUBA	130	2	30	01	2	2	Ac	9.2	28	52	17	dr.

At 0600 on Monday 30th April,

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.	Station
40	9	15	01	1	4	Ns, As, Ci	16.0	+2.7	19	20	-6	17	+2	88	17	0	90		SALUM
80	12	14	25	8	7	Sc, Ac, Ci	15.9		19	20		17		83	16	dr.	108		SÎDI BARÂNI
90	12	14	01	2	5	Cu, Sc, Ci	17.2	+3.0	20	22		13		88	18	0	51		MATRÛH
40	8	15	03	2	6	Sc	16.5		21	23		15		74	16	0	54		EL DABA
40	15	50	03	1	7	Ns, Ac	17.8	+3.7	20	24	-1	17	+1	88	18	0	62	183	ALEXANDRIA
20	11	14	03	1	7	Ac	16.9		22			16		74	17	0	63	138	FOUAD (Airport)
360	5	7	02	1	1	Ac	17.5	+3.6	22	24	-1	19	+3	83	19	0	Rain	103	DAMIETTA
20	13	14	02	0	1		15.3	+2.4	22	24		20?		83	19	0	18		PORT SA'ÎD
00	0	30	00	0	0	—	15.4	+0.7	23			14?	0	50	12	0	Rain	91	EL 'ARISH
40	9	15	02	1	3	Ac	17.0	+3.0	22	34	+6	14	0	57	13	0	35	98	DAMANHÛR
40	5	35	00	0	0	—	17.2	+3.1	23	34	+5	17	+3	74	18	0	31	52	MANSÛRA
										36	+6							40	TANTA
40	1	35	02	0	0	—	15.8	+1.6	24	36	+6	16	+3	47	12	0	Rain	26	ZAGAZIG
70	2	35	03	1	3	Ci	15.8		23	36		20		44	10	0	17		ISMAÎLIA
360	8	12	00	1	0	—	16.3		24			19		74	19	0	Rain		FAROUK (Airport)
70	4	12	02	0	1	Cc	15.6	+1.8	23	35		18		50	12	0	12		ALMÀZA
310	4	7	05	0	0	—	15.8	+2.0	25	35	+5	17	+2	39	10	0	11	24	EZBEKÎYA
310	4	14	00	0	0	—	15.5	+1.7	23	37	+7	14	+2	50	12	0	11	24	GÎZA
00	0	7	00	0	0	—	15.2	+1.8	23	36	+6	17	+1	44	10	0	12	27	HELWÂN
00	0	35	02	0	0	—	16.4	+3.0	26	36	+4	17	+2	42	12	0	8	8	FAIYÛM
160	5	10	00	0	0	—	14.8	+2.0	24	36		14		41	10	0	3		MINYA
00	0	10	00	0	0	—	15.1	+2.3	24	36		18		50	13	0	dr.		ASYÛT MANQABÂD
00	0	15	00	0	0	—	15.3	+3.3	25	38	+4	15	-1	42	11	0	0.1		NAG' HAMMÂDI
270	2	15	00	0	0	—	13.5	+2.1	27	39	+2	21	+3	27	6	0	0		QENA
120	2				0	—	14.1	+2.4	27			18		15	-2	0	0		LUXOR
00	0	50	00	0	0	—	14.6	+3.1	28	38	+1	21	0	16	0	0	0		ASWÂN
140	14	14	02	2	4	Ac	15.8	+1.0	24			19	+5	50	13	0	dr.	8	SÎWA
360	3	35	02	1	4	Ac	15.6	+1.6	23	34	+1	16	+1	65	16	0	0	7	BAHARÎYA
220	1	35	02	0	0	—	15.5		23	37		22		27	3	0	dr.		FARAFRA
340	5	50	00	0	0	—	15.8	+2.9	24	36		18	+1	21	0	0	0		DAKHLA
00	0	15	00	0	0	—	14.8	+2.9	26	36	0	18	0	30	7	0	0		KHARGA
00	0	50	00	0	1	Ci	15.2	+1.9	28	35	+5	19	+2	45	15	0	5	16	SUEZ
310	2	35	02	0	0	—	14.2	+2.8	26			18	0	55	16	0	4	13	TÔR
340	3	30	00	0	0	—	13.3	+1.6	25	29		18	0	70	19	0	dr.		HURGHADA
360	9	15	02	0	0	—	14.2	+2.8	23	30	+1	21	-1	65	16	0	dr.	4	QUSEIR
330	6	30	00	2	7	Ac	13.4		29	32		24		46	16	0	152	96	PORT SÛDÀN
										40									WÂDI HALFA
360	8	30	02	0	0	—			31	42		25		6	-11	0			ABU HAMAD
40	9	30	02	0	0	—	13.0		31	42		27		15	1	0	dr.	1	KAREIMA
340	13	10	07	2	6	Cu, Sc, Cs	11.2		30	40		25		13	-1	0	0.3	3	'ATBARA
360	20	12	07	1	5	Ac	9.7		33	42		24		23	9	0	dr.	5	KHARTÛM
340	2	30	02	1	3	Ac	9.0		33	43		28		34	15	0	3	11	KASSALA
																		14	WÂD MEDANI
																		56	RENK
																		53	ROSEIRES
70	5	30	01	1	5	Ac	11.2		30	41		23		24	7	0	7	18	EL OBEID
																		6	EL FÂSHER
																		7	GENEINA
50	5	35	02	1	4	Cu	10.7		33	37		23		41	18	0	70	122	MALAKÂL
250	2	30	03	2	7	Cs	10.8		27	38		25		58	18	1.4	146	235	WÂU
										33								305	JUBA

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	67	-2
Ezbekîya	33	-18
Gîza	34	-19
Helwân	24	-15

GÎZA

GRASS MINIMUM TEMP. ON 30th 11.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 29th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	106	34	13	70	13
950					
900					
850	1529	18	17	60	5
800					
700	3149	4	35	350	6
600					
500	5782	-14		250	37
400	7435	-27		260	45
300	9442	-42		270	46

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 29th

Station	Matouh		Foad Ap.		Port Said		S. Barrani		Minya				Asyut				Siwa				Dakhla		Kharga		Hurghada	
Time	14		14		14		14		14				14				14				14		14		14	15
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	80	8	40	17	100	24	70	13	230	6							80	11			350	19	360	15	40	5
600	60	17	30	7	90	14	80	12	240	3							80	13			350	16	360	19		
1000	50	23	30	4	90	14	60	10	40	3							70	10			330	10	10	19	360	11
1500			30	7	10	6	30	8	240	3							160	3							320	14
2000			30	8			00	0	280	5			260	5			270	8							270	19
3000							340	6					250	7			310	10							240	29
4000																	320	17								
5000																	280									
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			8		2								2										4	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			110	19	80	21							120	8									120	24
600			90	14	110	23							50	9									110	20
1000			60	6	130	24							30	7									100	12
1500			340	14									30	3									260	4
2000			300	8																				
3000			220																					
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			7		8				3		4		4		5		3				4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	4	180	2			10	7														
600			330	3	210	3			10	17	10	30	20	27	20	27	130	6						
1000			330	5	100	6			350	13	10	28	30	33	20	24	120	15			40	23		
1500			330	6					330	24	30	18	40	15	20	24					90	21		
2000			320	5					330	26			10	22										
3000			340	4							330	11	350	21							110	19		
4000											310													
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

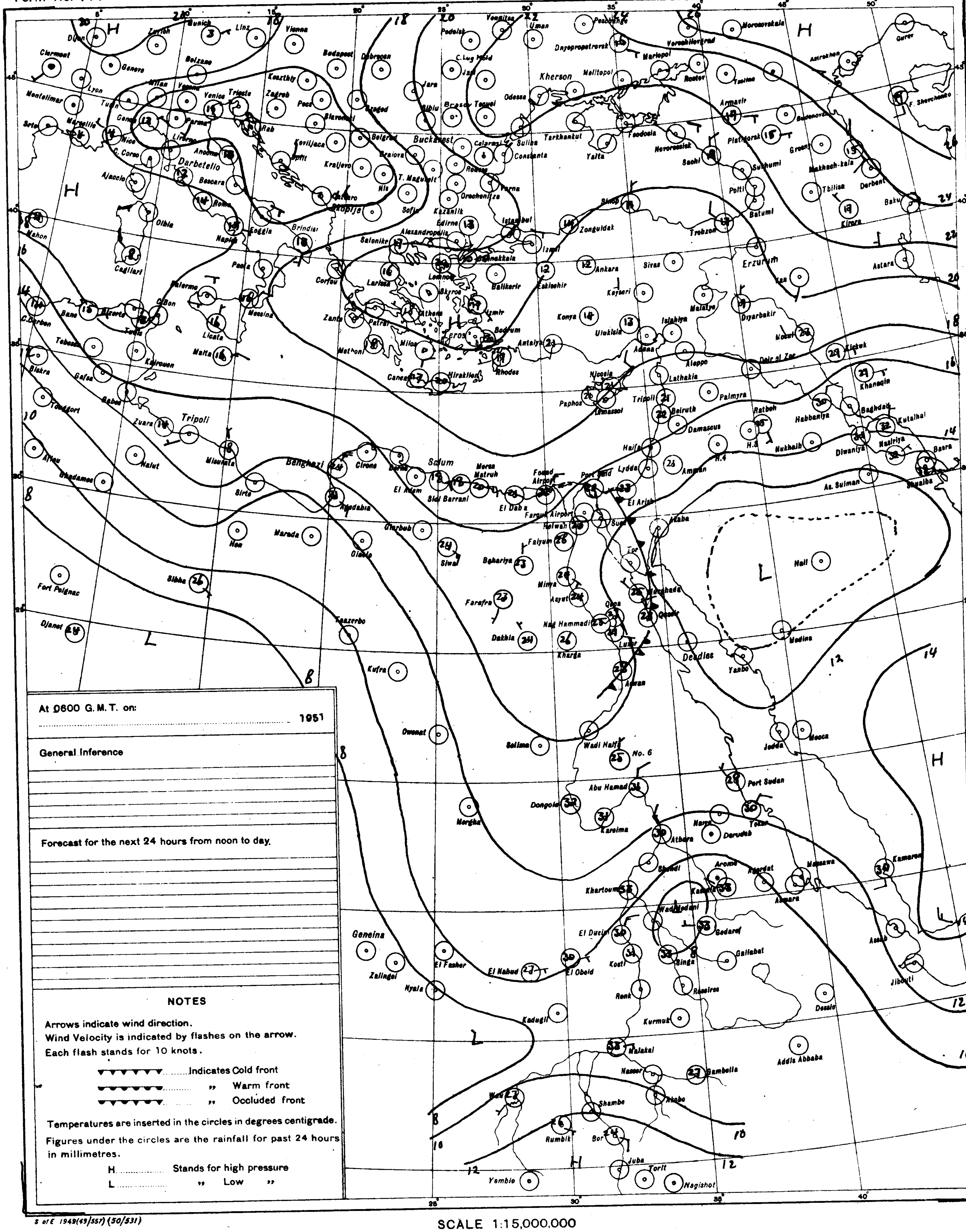
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 30/4/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

......Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H. .... Stands for high pressure
L. .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze (*vis less than 1000 m.*) 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 13 G. M. T.
" " Sunset 16 32 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

DAILY WEATHER REPORT

Date: Tuesday 1st May, 1951

LIBRARY JUL 3 1951 WEATHER BUREAU

Form 7F.

At 1200 on Monday 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM											
	305	SÎDI BARÂNI											
	306	MATRÛH	80	11	18	00	1	0	—	17.0	28	33	10
	309	EL DABA	40	5	35	00	0	0	—		24	61	16
		ALEXANDRIA	40	17	50	02	2	6	Cu,Sc	16.8	27	55	17
	318	FOUAD (Airport)	50	11	18	02	2	4	ac	16.6	27	55	17
	330	DAMIETTA	20	9	7	03	2	7	Sc	17.4	23	74	18
	333	PORT SAÏD	40	12	18	02	2	6	ac	15.2	24	74	19
	336	EL 'ARISH											
Nile Delta	338	DAMANHUR	40	9	15	02	1	6	ac	16.6	25	47	13
	342	MANSURA	40	9	35	04	2	4	ac	16.2	31	43	17
	343	TANTA	30	5	35	01	1	4	Cu,Sc	16.7	32	28	11
	354	ZAGAZIG	40	2	35	03	1	3	Cu	16.0	33	30	13
	440	ISMAÏLIA	20	9	35	03	1	6	ac	15.6	33	16	4
Cairo	360	FAROUK (Airport)	40	8	18	02	1	3	ac	15.2	34	34	16
	362	ALMAZA	30	17	18	03	1	2	ac	14.4	34	10	-2
		EZBEKIYA	360	8	18	02	1	4	ac,Ci	14.6	34	18	6
		GIZA	360	8	18	02	1	4	ac,Ci	14.6	35	12	1
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	330	4	35	02	0	0	—	15.5	35	15	5
	387	MINYA	240	2	8	03	0	2	Ci	13.4	37	7	-4
	393	ASYÛT MANQABÂD	00	0	30	00	0	1	Ci	12.2	38	19	1
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	12.	36		
	402	QENA	20	2	50	00	0	0	—	11.5	37	5	-8
	405	LUXOR	40	8	30	01	0	1	Ci	11.4	38	3	-14
	414	ASWÂN	220	3	50	00	0	0	-	12.0	37	5	-10
Oases	417	SÎWA	110	19	2	07	2	6	Cs	15.2	34	30	14
	420	BAHARÎYA	360	3	15	02	1	3	ac	14.0	35	29	10
	423	FARAFRA	130	1	35	01	1		ac	14.0	38		
	432	DAKHLA	20	5	50	00	0	0	—	13.8	37	5	-10
	435	KHARGA	00	0	15	00	0	0	—	11.9	38	13	5
Red Sea	450	SUEZ	360	7	50	02	0	1	Cu	12.6	35	8	-4
	459	TÛR	310	24	35	02	0	0	—	11.8	37	22	7
	462	HURGHÂDA	90	2	30	00	0	0	—	11.9	29	70	23
	465	QUSEIR	40	9	15	02	0	0	—		27	62	19
	641	PORT SÛDÂN	50	14	30	02	2	7	Sc,Cu	10.3	30	79	26
North Sudan	600	WÂDI HALFA	200	15	30	03	0	1	Cs	10.8	37	12	3
	640	ABU HAMAD	310	1	30	02	0	1	Ci		40	8	0
	660	KAREIMA	360	20	7	07	0	0	—	8.4	41	4	-8
	680	'ATBARA	20	13	7	07	2	6	Cu,ac	5.9	40	8	0
	721	KHARTÛM	20	18	10	06	1	8	ac,Ci	6.2	40	17	11
	730	KASSALA	320	4	30	02	2	7	Cu,ac	3.4	41	10	4
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	30	12	7	03	1	7	ac	3.4	39	15	8
	760	EL FÂSHER	80	10	30	02	0	0	—		39	16	9
	770	GENEINA											
S. Sudan	840	MALAKÂL	130	7	30	03	2	1	Cu,ac	5.9	38	25	15
	880	WÂU	90	5	30	03	2	7	Cu,ac	5.2	38	29	17
	941	JUBA	360	5	30	15	2	8	Cb,ac	7.6	34	32	17

At 1800 on Monday 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM												
SÎDI BARÂNI												
MATRÛH	70	4	14	00	0	0	—	17.5	17	94	16	0
EL DABA												
ALEXANDRIA	40	10	35	00	0	0	—	17.1	20	73	15	0
FOUAD (Airport)	20	8	12	01	0	0	—	16.6	20	73	15	0
DAMIETTA	40	5	7	01	1	1	ac	16.6	21	83	18	0
PORT SAÏD	40	11	14	01	2	1	ac	15.0	21	83	18	0
EL 'ARISH	20	5	12	02	1	1	Cu	15.4	21	78	17	0
DAMANHUR	40	9	15	02	0	0	—	17.2	21	65	14	0
MANSURA	40	3		00	1	0	—	16.2	22	74	17	0
TANTA	00	0	35	02	1	0	—	17.1	21	63	14	0
ZAGAZIG	40	2	35	02	1	0	—	16.3	23	50	12	0
ISMAÏLIA	20	2	35	01	0	0	—	15.8	24	54	14	0
FAROUK (Airport)	40	12	12	00	2	0	—	15.6	28	22	4	0
ALMAZA	50	13	12	00	0	0	—	14.6	28	22	4	0
EZBEKIYA	360	16	12	00	0	0	—	15.2	26	40	11	0
GIZA	360	16	12	00	0	0	—	15.0	28	22	4	0
HELWÂN												
FAIYÛM	360	2	35	02	0	0	—	14.7	28	22	4	0
MINYA	40	5	8	02	1	2	Ci	12.7	26	32	8	0
ASYÛT MANQABÂD	300	4	10	01	1	1	ac	12.2	30	25	8	0
NAG' HAMMÂDI	00	0	35	01	0	3	ac	11.1	30	29	10	0
QENA	270	1	7	00	0	0	—	9.5	31	22	7	0
LUXOR												
ASWÂN												
SÎWA												
BAHARÎYA	00	0	15	02	1	0	—	13.5	28	40	13	0
FARAFRA												
DAKHLA												
KHARGA	00	0	15	00	0	0	—	13.3	31	12	-1	0
SUEZ												
TÛR	310	9	7	02	0	0	—	11.1	23	74	18	0
HURGHÂDA	270	2	12	03	1	4	Cs	10.9	26	42	12	0
QUSEIR	40	5	15	02	0	0	—	11.3	26	74	21	0
PORT SÛDÂN	00	0	30	01	2	4	ac	10.7	28	66	21	0
WÂDI HALFA	350	13	30	01	0	0	—	10.6	32	17	4	0
ABU HAMAD	310	2	30	02	0	0	—		32	7	-8	0
KAREIMA	360	15	30	02	0	0	—	8.9	34	11	-1	0
'ATBARA	20	2	30	02	2	6	ac,Cs	6.0	34	29	13	0
KHARTÛM	340	2	30	01	2	4	ac,Ci	5.9	34	20	8	0
KASSALA	340	3	30	01	2	6	ac	5.4	34	27	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	10	4	30	01	1	0	—	6.9	32	15	2	0
EL FÂSHER	70	6	30	02	0	0	—		31	7	-9	0
GENEINA	60	6	30	02	0	0	—		32	13	0	0
MALAKÂL												
WÂU	130	2	30	01	0	1	Ci	5.5	34	15	4	0
JUBA												

At 0600 on Tuesday 1st May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI																			
MATRÛH											29								
EL DABA																			
ALEXANDRIA	40	11	50	00	0	0	—	17.6	+3.5	21	28	+3	18	+2	65	14	0	62	184
FOUAD (Airport)	20	8	18	02	0	0	—	16.9		23	29		15		44	10	0	63	138
DAMIETTA	340	2	15	00	0	0	—	17.2	+3.3	21	24	-1	18	+2	74	16	0	Rain	104
PORT SAÏD	10	5	18	02	0	0	—	15.5	+2.6	22	25		19		65	15	0	18	
EL 'ARISH											24	-1							92
DAMANHUR	40	9	7	03	0	0	—	17.8	+3.9	23	27	-2	15	+1	50	12	0	35	99
MANSURA	360	5	35	00	0	0	—	16.7	+2.7	22	32	+2	16	+2	74	17	0	31	53
TANTA	40	2	35	02	0	0	—	16.6	+2.5	21	33	+3	14	+1	65	14	0	23	41
ZAGAZIG	320	1	35	02	0	0	—	16.3	+2.1	23	34	+4	16	+3	65	16	0	Rain	26
ISMAÏLIA	40	2	35	01	0	0	—	16.3		23			17		65	16	0	17	
FAROUK (Airport)	70	8	12	00	1	0	—	15.9		21	36		17		74	16	0	Rain	
ALMAZA	70	12	12	02	0	2	Sc	16.2	+2.4	20	34		17		83	17	0	12	
EZBEKIYA	360	4	12	00	0	0	—	16.4	+2.6	22	35	+4	17	+2	74	17	0	11	23
GIZA	360	4	12	00	0	0	—	16.2	+2.4	22	35	+4	16	+4	65	15	0	11	23
HELWÂN																	0	12	28
FAIYÛM	360	8	35	02	0	0	—	16.7	+3.3	25	36	+4	18	+3	42	11	0	8	8
MINYA	360	9	8	00	0	0	—	15.3	+2.5	22	38		16		50	11	0	3	
ASYÛT MANQABÂD	00	0	10	00	0	0	—	14.0	+1.3	27	38		19		30	8	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.1	+1.1	27	40	+6	18	+2	52	16	0	0.1	
QENA											40	+3							
LUXOR	70	3	30	00	0	0	—	12.8	+1.2	28			20		22	4	0	0	
ASWÂN	00	0	50	00	0	0	—	13.4	+2.0	29			23	+1	23	8	0	0	
SÎWA																			8
BAHARÎYA	360	3	15	02	1	3	ac	15.5	+1.6	28	37	+4	20	+5	42	14	0	0	7
FARAFRA	40	1	35	01	1	1	Cs	14.8		26			16		25	4	0	dr.	
DAKHLA																			
KHARGA	00	0	35	00	0	0	—	13.1	+1.0	28	40	+4	22	+4	22	4	0	0	
SUEZ	330	6	50	00	0	0	—	15.1	+1.8	25			19	+2	42	11	0	5	16
TÛR	310	24	15	02	0	0	—	12.5	+1.1	25	33	+3	19	+1	70	19	0	4	13
HURGHADA	00	0	30	03	0	2	Ci	12.3	+0.7	27	31		20		55	17	0	dr.	
QUSEIR	330	9	15	02	0	0	—	12.1	+0.8	29	30	+1	22	0	29	9	0	dr.	4
PORT SÛDÂN											35								96
WÂDI HALFA	00	0	30	01	0	0	—	12.5		27	39		21		27	6	0	dr.	
ABU HAMAD	20	6	30	03	0	3	Ci			31	41		23		10	-4	0		
KAREIMA	360	4	30	02	0	0	—	10.1		27	41		21		17	0	0	dr.	1
'ATBARA	20	9	30	02	2	7	ac,Cs	8.8		30	41		26		13	-1	0	0.3	4
KHARTÛM	350	9	30	01	2	5	ac	9.2		31	42		25		19	5	0	dr.	3
KASSALA	360	3	30	02	2	7	ac,Cs	7.8		31	42		27		38	15	0	3	12
WÂD MEDANI																			15
RENK																			57
ROSEIRES	330	13	35	02	2	3	Ci	9.0		38	42		24		32	14	dr.	dr.	54
EL OBEID	20	6	30	02	2	7	ac	10.3		29	40		24		25	7	0	7	13
EL FÂSHER											39								7
GENEINA											40								6
MALAKÂL	180	9	30	01	2	7	ac,Ci	9.7		31	39		24		49	19	0	70	120
WÂU											40								237
JUBA	180	9	30	03	1	7	ac,Cs	11.2		29	35		23		55	19	dr.	261	310

HUMIDITY %

Mean of day

Station	on 30th	Diff. from normal
Alexandria	82	+13
Ezbekiya	35	-16
Giza	35	-18
Helwân		

GIZA
GRASS MINIMUM TEMP.
ON 1st 13.8c

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 30th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	124	32	21	40	17
950					
900					
850	1550	18	32	50	13
800					
700	3172	5	38	250	24
600					
500	5873	-15		280	45
400	7466	-26		290	27
300	9485	-41		280	61

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 30th

Station	Dakhla		Asyut		Matruh		Minya		Kharga		Port Said		Hurghada										Port Said		Minya	
Time	14		14		14		14		14		14		14										20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	4	310	10	100	12	90	6	30	3	20	12	20	3									60	7	40	21
600	360	3	330	11	100	7	80	7	40	6	30	9	30	3									70	5	40	18
1000			330	10	50	9	10	4	40	10	40	9	330	14									80	5	20	11
1500			320	12	340	13	270	1	40	15			340	18									90	3	220	9
2000			320	13	260	4							320	16											250	11
3000			310	24?									320	38?												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time							2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300							20	11					40	19									
600							360	11					30	27									
1000							340	9					30	16									
1500							20	3					280	6									
2000													290	21									
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											4		4				3		4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											50	18	40	21			130	4					170	15
1000											60	14	30	31			140	7	30	34			160	25
1500											40	19	30	31			130	8	20	34			180	9
2000																			20	17				
3000											110	3	20	13					110	5			20	15
4000																			170	12				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

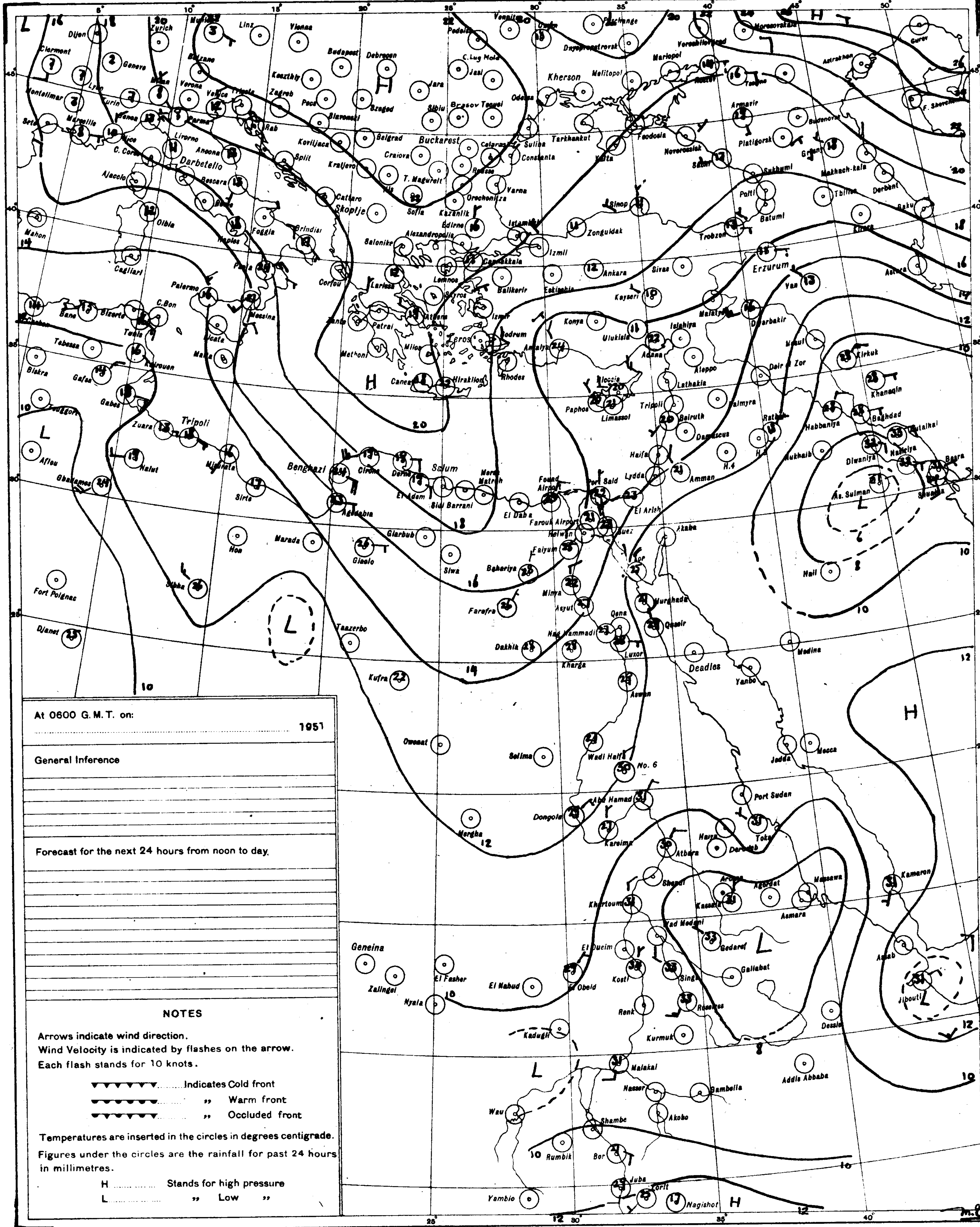
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON First of May 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼......Indicates Cold front
●●●●●●...... ,, Warm front
▼●▼●▼●...... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 12 G. M. T.

" " Sunset 16 32 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Wednesday 2nd May, 1951

Area	Index Number	Station	At 1200 on Tuesday 1st: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	At 1800 on Tuesday 1st: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Mediterranean	62300	SALÛM	20	9	35	03	2	4	Cs	17.0	25	34	8												
	303	SÎDI BARÂNI	40	11	14	02	1	2	Ci	17.0	22	63	12												
	306	MATRÛH	50	8	18	00	0	0	—	17.7	24	41	10	00	0	10	02	0	1	Cs	17.2	19	83	16	0
	309	EL DABA	320	5	35	00	0	0	—	16.4	25	47	13												
		ALEXANDRIA	360	14	50	00	0	0	—	16.6	22	57	13	360	10	35	00	0	0	—	16.6	19	83	16	0
	318	FOUAD (Airport)	340	9	18	02	0	0	—	16.0	26	42	12	320	7	12	01	0	0	—	16.1	19	83	16	0
	330	DAMIETTA	340	5	35	02	0	0	—	16.3	25	42	11	340	5	7	02	0	0	—	15.4	20	88	18	0
	333	PORT SA'ID	350	9	30	02	0	0	—	15.8	24	54	14	320	15	18	02	0	0	—	14.5	21	83	18	0
	336	EL 'ARISH	320	5	35	01	0	0	—	15.9	23	44	10	320	2	15	02	0	0	—	14.8	20	73	15	0
Lower Egypt	339	DAMANHUR	330	5	15	02	0	0	—	16.3	29	33	8	360	9	15	02	0	0	—	16.3	21	65	14	0
	342	MANSURA	320	5	35	00	0	0	—	15.4	31	28	10	360	5		00	0	0	—	15.4	21	65	14	0
	348	TANTA	360	5	35	02	0	0	—	15.4	30	21	5	310	2	35	02	0	0	—	15.1	22	44	9	0
	354	ZAGAZIG	320	2	50	02	0	0	—	14.8	31	28	10	320	1	35	02	0	0	—	14.8	22	50	11	0
	440	ISMA'ILIA	20	5	35	01	0	0	—	14.7	30	21	5												
Cairo Area	366	FAROUK (Airport)	40	10	30	00	0	0	—	15.2	30	17	2	320	15	12	00	0	0	—	15.5	24	38	9	0
	372	ALMAZA	20	10	30	00	0	0	—	14.1	30	19	4	30	12	12	00	0	0	—	14.3	24	32	6	0
		EZBEKIYA	360	4	18	00	0	0	—	14.4	31	22	7	360	8	12	00	0	0	—	15.5	24	38	9	0
		GIZA	360	4	18	00	0	0	—	14.6	31	17	3	360	8	12	00	0	0	—	15.2	24	32	6	0
	378	HELWÂN	340	15	35	02	0	0	—	13.8	31	12	-1	360	16	7	02	0	0	—	14.3	25	22	2	0
Upper Egypt	381	FAIYÛM	360	5	35	02	0	0	—	15.0	33	17	5	360	5	35	02	0	0	—	12.1	25	28	5	0
	387	MINYA	10	11	10	00	0	0	—	12.9	35	15	5	350	7	8	00	1	0	—	12.6	24	34	7	0
	393	ASYÛT MANQABÂD	360	5	30	00	0	0	—	11.5	36	17	7	320	3	8	00	0	0	—	11.9	29	29	9	0
	399	NAG' HAMMÂDI												00	0	15	01	0	8	ac	12.2	28	52	17	0
	402	QENA	320	2	50	00	0	0	—	10.6	40	15	9	180	1	7	00	0	0	—	10.8	32	20	6	0
	405	LUXOR	320	6	30	00	0	0	—	10.0	39	11	3	310	2	12	00	0	0	—	9.6	32	14	1	0
	414	ASWÂN	320	3	50	00	0	0	—	9.1	39	11	3	00	0	50	00	0	0	—	9.5	35	12	1	0
Oases	417	SÎWA	90	14	10	02	3	5	ac, cc	15.8	34	13	2	90	6	10	01	2	3	ac	14.0	29	19	3	0
	420	BAHARIYA	360	3	35	02	1	3	ac	13.3	35	16	6	40	3	15	02	1	0	—	14.0	28	40	13	0
	423	FARAFRA	40	2	35	01	1	3	ac	13.3	36	13	4	40	2	15	01	1	2	ac	12.0	30	16	1	0
	432	DAKHLA	00	0	50	00	0	0	—	11.4	39	8	-1	340	8	50	00	0	0	—	12.2	34			0
	435	KHARGA	360	4	15	00	0	0	—	10.0	38	13	5	00	0	15	00	0	0	—	10.0	32	15	2	0
Red Sea	450	SUEZ	330	6	50	02	0	0	—	13.1	31	12	-1	360	5	35	02	0	0	—	13.3	24	32	6	0
	459	TÛR	340	14	35	02	0	0	—	10.3	32	28	11	310	19	7	02	0	0	—	10.3	25	70	19	0
	462	HURGHADA	10	9	30	03	0	1	Ci	10.4	27	79	23	320	17	12	00	1	0	—	10.0	29	55	19	0
	465	QUSEIR	20	9	15	02	0	0	—	11.0	29	52	18	360	5	15	00	0	3	Ci	11.0	27	52	16	0
	641	PORT SÛDAN	20	15	30	01	2	7	as, Ci	8.9	32	41	17												
North Sûdan	600	WÂDI HALFA	360	12	30	02	0	0	—	8.0	40	12	6	20	8	30	00	0	0	—	8.5	30	22	6	0
	640	ABU HAMAD	360	4	30	03	1	2	Cu, Ci		41	10	3	350	5	30	02	0	0	—		30	10	-5	0
	660	KAREIMA	20	4	30	02	0	0	—	5.0	40	12	5	360	9	30	02	0	0	—	6.3	36	9	-2	0
	680	'ATBARA	360	5	30	03	2	7	Cu, Cs	4.3	40	16	10	360	5	30	02	2	5	Cs	4.8	34	20	8	0
	721	KHARTÛM												280	2	10	05	2	7	ac	4.9	33	14	2	0
	730	KASSALA	360	4	30	02	2	6	Cu, ac	2.1															
Central Sûdan	751	WÂD MEDANI																							
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID																							
	760	EL FÂSHER	40	8	30	01	2	3	Ci		38	6	-7												
	770	GENEINA																							
S. Sûdan	840	MALAKÂL	180	4	30	17	2	8	Sc, ac				17	180	8	30	25	8	7	Cu, ac	5.9	30	62	22	dr
	880	WÂU	70	5	30	02	2	7	Sc, Cu				12												
	941	JUBA												50	2	30	17	2	8	cb, Ci	6.3	31	52	20	0

Station	At 0600 on Wednesday 2nd May: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI																			
MATRUH	300	4	18	00	0	0	—	15.8	+1.6	20	25		16		73	15	0	51	
EL DABA																			
ALEXANDRIA	330	10	50	01	1	3	Cu, Ci	14.6	+0.5	20	24	-1	18	+2	73	15	0	62	184
FOUAD (Airport)	320	8	18	01	1	1	Ci	14.5		21	26		18		69	15	0	63	138
DAMIETTA	320	5	7	03	1	5	ac	14.2	+0.4	21	26	+1	15	-1	83	18	0	Rain	104
PORT SA'ID	310	11	14	03	0	3	Sc, Ci	13.4	+0.5	22	24		18		78	18	0	18	
EL 'ARISH											25	0							92
DAMANHUR	360	9	7	02	1	2	Ci	15.0	+1.1	22	30	+1	14	0	65	15	0	35	99
MANSURA	40	5	35	02	1	3	ac	14.2	+0.2	22	31	+1	15	+1	57	13	0	31	53
TANTA											30	0							41
ZAGAZIG	320	1	35	03	1	3	Ci	14.7	+0.5	20	34	+4	13	0	73	15	0	Rain	26
ISMA'ILIA	290	2	35	03	1	7	Ci	14.0		21			16		65	14	0	17	
FAROUK (Airport)	250	1	12	03	1	3	Cs	15.2		20	32		16		69	14	0	Rain	
ALMAZA	00	0	12	03	2	5	Ci	14.7	+1.0	20	30		15		73	15	0	12	
EZBEKIYA	00	0	12	02	1	3	Ci	14.8	+1.1	22	31	0	16	0	61	14	0	11	25
GIZA	00	0	12	02	1	3	Ci	14.7	+1.0	20	32	+1	12	0	73	15	0	11	25
HELWAN	360	7	15	02	1	3	Ci	14.8	+1.4	20	32	+1	16	0	56	11	0	12	28
FAIYUM	00	0	35	03	1	2	Sc, Cu	15.9	+2.5	23	33	+1			41	9	0	8	8
MINYA	10	6	10	02	0	1	Ci	14.7	+1.9	20	35		13		49	9	0	3	
ASYUT MANQABAD	330	4	10	00	0	4	ac	13.4	+0.8	24	38		17		47	12	0	dr	
NAG' HAMMADI											38	+3							
QENA											41	+4							
LUXOR	00	0	30	02	2	2	Cs	12.5	+0.9	27	40		20		23	4	0	0	
ASWAN	320	4	50	00	0	0	—	11.1	-0.3	32	40	+2	23	+1			0	0	
SIWA											35	+3							8
BAHARIYA	40	3	35	02	0	0	—	15.8	+1.9	23	36	+3	16	+1	44	10	0	0	7
FARAFRA	40	1	35	03	2	7	ac	15.6		23	38		22		27	3	0	dr	
DAKHLA	90	9	50	01	0	8	Ci	13.8	+1.0	28	40	+4	20	+3	16	0	0	0	
KHARGA	360	11	15	03	1	4	ac	12.4	+0.4	26	40	+4	17	-2	25	4	0	0	
SUEZ	360	4	50	00	0	0	—	13.4	+0.1	21	32	+1	15	-2	57	12	0	5	16
TOR	310	9	50	02	0	0	—	11.4	0.0	23					78	19	0	4	13
HURGHADA	310	14	30	02	2	3	Ci	11.1	-0.5	25	30		19		54	15	0	dr	
QUSEIR	360	13	15	00	0	4	Ci	11.8	+0.5	26	30	+1	25	+3	42	12	0	dr	4
PORT SUDAN	00	0	10	05	1	8	Sc, ac	9.7		30	34		21		66	23	0	152	96
WADI HALFA	00	0	30	02	0	0	—	9.2		29	42		22		25	7	0	dr	
ABU HAMAD	40	2	30	02	1	3	Ci			31	41		21		8	-7	0		
KAREIMA	50	4	50	02	0	1	Ci	9.7		30	41		24		21	5	0	dr	1
'ATBARA	70	9	30	02	2	7	ac, Cs	8.4		33	41		25		21	8	0	0.3	4
KHARTUM	60	10	30	02	2	7	ac, Cs	6.6		33	41		28		32	14	0	dr	5
KASSALA																			12
WAD MEDANI																			15
RENK																			57
ROSEIRES																			55
EL OBEID	340	5	30	02	2	6	ac	7.3		31	39		23		10	-4	0	7	19
EL FASHER																			7
GENEINA																			8
MALAKAL																			126
WAU	210	7	30	02	2	8	ac	8.6		28	40		27		55	18	dr	146	241
JUBA	00	0	30	02	1	6	Cu, ac	10.4		29	38		25		59	20	dr	261	315

HUMIDITY %

Mean of day

Station	on 1st	Diff. from normal
Alexandria	73	+4
Ezbekiya	54	+3
Giza	46	-7
Helwân	19	-20

GIZA GRASS MINIMUM TEMP. ON 2nd 8.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 1st At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	124	30	19	360	20
950					
900					
850	1542	18	32	340	17
800					
700	3166	7		320	19
600					
500	5832	-13		290	45
400	7500	-25		290	50
300	9522	-40		290	58

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st

Station	Siwa		Minya		Port Said		Asyut		Fouad A.P.		Farouk A.P.		Dakhla		Hurghada		Kharga				Fouad A.P.		Farouk A.P.		Port Said	
Time	14		14		14		14		14		14		14		14		14				20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	70	20	360	27	320	16	330	14	350	15	350	28	350	17	350	19	20	10			350	16	350	26	310	6
600	70	20	360	11	310	15	330	12	360	20	340	26	350	16	350	18	30	16			360	21	360	24	310	6
1000	80	23	360	15	310	16	330	15	350	22	340	14			340	18	30	17			350	23	350	20	310	3
1500	80	26	340	16	320	21	340	12	340	23	350	14			310	16	50	11			330	28	330	17	330	5
2000	90	17			310	27	330	13	330	30	340	10			270	22					330	23	310	25		
3000	30	13			300	19	280	27	330	30	340	10			290	32							300	25		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4		2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			360	12	330	19	300	14					360	18									
600			350	14	340	19	310	11					340	16									
1000			340	15	330	20	310	10					330	4									
1500			340	23	340	26	330	13					330	4									
2000			320	21	330	33	340	21															
3000			320	25			20	8															
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4		4								4		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									120	7													
600									90	16	90	21											
1000									80	16	80	23							10	9	20	11	
1500									60	8	50	17							20	13	50	22	
2000																							
3000									50	1	30	21							20	12	60	28	
4000																			140	5			
5000																							
6000																							
7000																							
8000																							

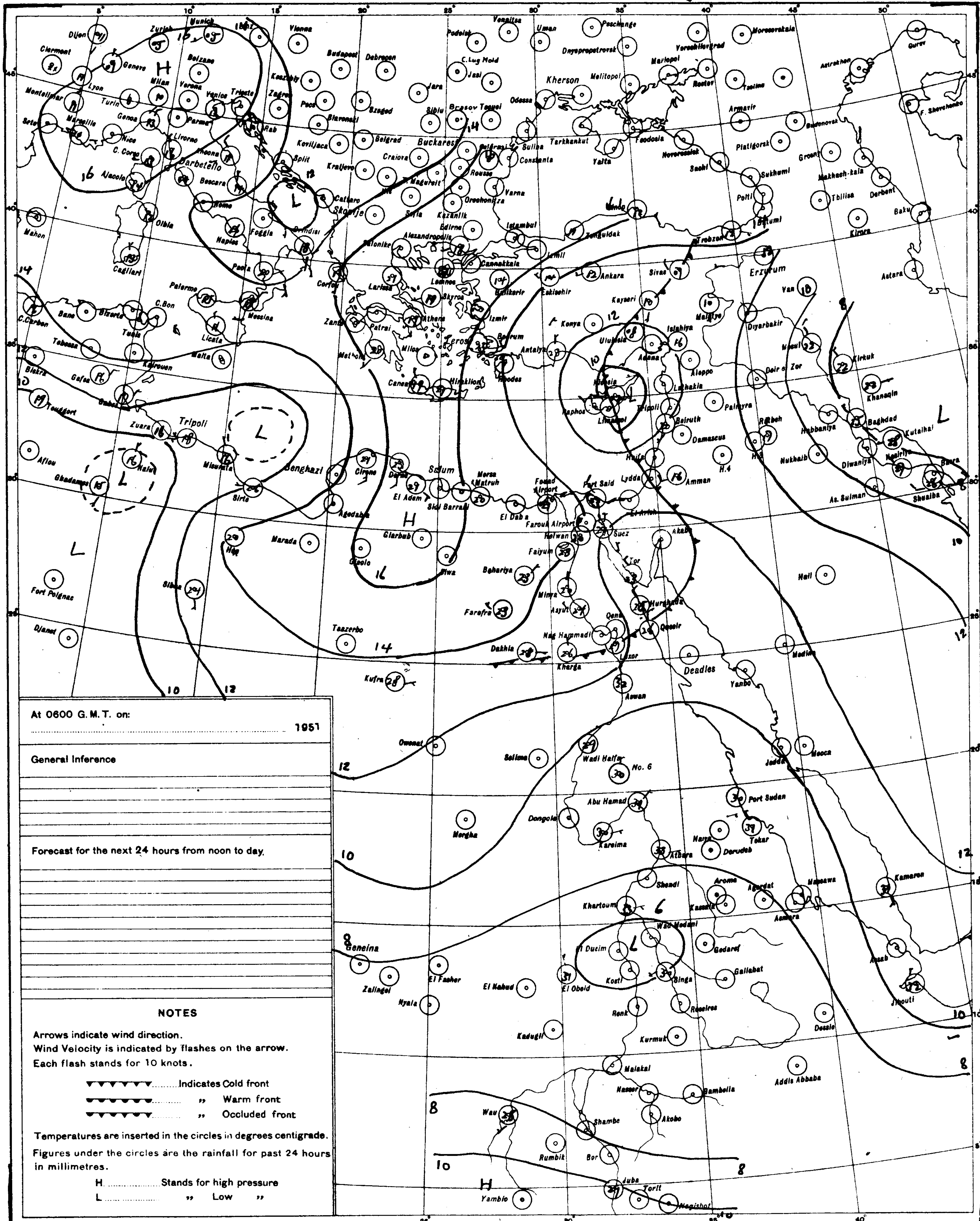
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Wednesday 2/5/1* 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 11 G.M.T.
" " Sunset 16 33 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 3rd May, 1951

At 1200 on Wednesday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI	30	9	30	01	1	2	Ci	14.7	23	50	12
	305	MATRÛH	340	10	18	01	0	0	—	15.1	24	47	12
	309	EL DABA	320	8	35	01	1	3	Cu	14.9	23	44	16
		ALEXANDRIA	310	16	50	02	2	3	Cu, Ci	14.2	22	65	15
	318	FOUAD (Airport)	320	17	18	01	1	2	Ci	13.9	22	69	16
	330	DAMIETTA	340	5	35	01	1	3	ac	12.6	24	61	16
	333	PORT SAÏD	360	7	30	02	0	1	Sc, Ci	12.2	23	74	18
	336	EL 'ARISH	320	5	35	01	0	0	—	13.0	24	69	18
Lower Egypt	339	DAMANHUR											
	342	MANSURA	360	5	35	00	1	0	—	11.6	30	35	13
	348	TANTA	270	2	35	02	1	0	—		29	35	12
	354	ZAGAZIG	320	2	50	02	1	0	—	11.5	30	35	13
	440	ISMAÏLIA	160	2	35	03	1	4	Ci	11.4	30	31	11
Cairo Area	366	FAROUK (Airport)	320	3	30	03	1	3	Ci	12.5	29	35	12
	372	ALMAZA	290	7	18	03	1	3	Ci	11.9	28	33	10
		EZBEKIYA	310	4	18	02	1	3	Ci	11.8	29	31	10
		GÎZA	310	4	18	02	1	3	Ci	12.0	30	25	8
	378	HELWÂN	290	13	15	03	1	4	Ci	11.4	28	22	4
Upper Egypt	381	FAIYÛM	00	0	35	01	0	0	—	13.3	30	21	5
	387	MINYA	20	12	10	02	1	1	ac	12.1	30	18	3
	393	ASYÛT MANQABÂD	360	13	36	02	1	3	ac, Ci	10.6	32	26	10
	399	NAG' HAMMÂDI	00	0	35	02	0	6	ac	10.7	33	24	10
	402	QENA	290	2	50	00	0	0	—	9.1	35	8	-4
	405	LUXOR	270	5	30	03	2	4	ac	8.6	34	7	-6
	414	ASWÂN	360	8	50	01	1	0	—	8.0	37	11	2
Oases	417	SÎWA											
	420	BAHARÎYA	360	2	35	03	1	5	ac	13.5	30	40	15
	423	FARAFRA	40	2	35	01	1	3	ac	13.6	31	17	3
	432	DAKHLA	20	11	50	00	1	0	—	11.5	35	9	-2
	435	KHARGA	360	9	15	02	1	1	ac	10.0	33	12	0
Red Sea	450	SUEZ											
	459	TÛR	310	6	50	02	0	0	—	8.2	27	40	12
	462	HURGHADA	30	16	30	02	1	3	Ci	8.4	27	74	22
	465	QUSEIR	20	9	15	02	0	4	Ci		26	62	18
	641	PORT SÛDÂN	50	8	30	02	2	7	as	8.3	31	47	19
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	80	6	30	02	0	0	—		40	5	-7
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA	360	3	30	01	2	6	Cu, ac	1.9	40	19	12
Central Sudan	751	WÂD MEDANI											
	801	RENK	360	5	35	01	1	3	Ci	5.4	41	9	2
	802	ROSEIRES	130	5	35	02	1	5	Cu	2.4	41	18	12
	771	EL OBEID											
	760	EL FÂSHER	50	10	10	02	0	0	—		38	6	-7
	770	GENEINA	90	17	30	02	0	0	—		39	6	-6
S. Sudan	840	MALAKÂL											
	880	WÂU	130	7	30	02	2	7	Cb, ac	5.4	36	33	17
	941	JUBA	50	1	30	02	1	7	Cb, a	4.3	35	35	17

At 1800 on Wednesday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SIDI BARANI	350	3	12	00	0	0	—	13.9	20	69	14	0
FOUAD (Airport)	360	15	35	03	2	4	Cu	13.1	19	83	16	0
DAMIETTA	320	10	14	01	1	4	Sc, Ci	13.1	19	88	17	0
PORT SAÏD	320	5	7	02	1	3	Sc	12.2	20	86	18	0
EL 'ARISH	330	13	14	02	0	1	Ci	11.4	20	88	18	0
	320	5	12	00	0	0	—	10.9	20	83	17	0
DAMANHUR	40	5	15	02	0	0	—	12.3	19	83	16	0
MANSURA	320	5		00	0	0	—	12.2	22	69	16	0
TANTA	00	0	35	02	0	0	—	12.7	19	83	16	0
ZAGAZIG	320	1	35	02	0	0	—	11.5	23	61	15	0
ISMAÏLIA	20	5	35	01	0	0	—	12.2	23	61	15	0
FAROUK (Airport)	310	6	12	00	0	0	—	12.7	24	57	15	0
ALMAZA	350	9	12	00	0	0	—	11.8	24	47	12	0
EZBEKIYA	360	4	12	00	0	0	—	12.0	24	50	13	0
GÎZA	360	4	12	00	0	0	—	12.7	23	50	12	0
HELWÂN	340	15	15	01	1	0	—	11.9	24	47	12	0
FAIYÛM	00	0	35	02	0	0	—	12.6	25	34	8	0
MINYA	00	0	10	00	1	0	—	11.5	22	41	8	0
ASYÛT MANQABÂD	00	0	8	01	1	1	ac	11.0	25	47	13	0
NAG' HAMMÂDI												
QENA	320	2	7	00	0	0	—	8.7	28	22	4	0
LUXOR												
ASWÂN	320	3	50	00	0	0	—	5.1	34	10	-2	0
SÎWA	140	3	18	00	0	0	—	13.6	26	25	4	0
BAHARÎYA	00	0	15	02	1	0	—	13.0	25	42	11	0
FARAFRA	360	1	15	02	0	0	—	12.3	24	21	0	0
DAKHLA	00	0	50	00	0	0	—	12.4	29	14	-1	0
KHARGA	360	4	15	02	1	1	ac	11.5	27	9	-8	0
SUEZ	360	4	35	01	0	0	—	10.7	24	54	14	0
TÛR	340	13		02	0	0	—	9.1	27	28	7	0
HURGHADA	320	17	12	02	1	4	ac, Ci	8.3	27	55	17	0
QUSEIR	360	5	15	01	1	0	—	8.7	26	48	14	0
PORT SÛDÂN												
WÂDI HALFA	20	3	30	02	0	0	—	5.3	33	19	6	0
ABU HAMAD												
KAREIMA												
'ATBARA	00	0	30	00	1	1	Ci	4.5	32	21	7	0
KHARTÛM												
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	70	4	30	02	0	0	—		32	13	0	0
GENEINA	00	0	30	01	2	5	ac		33	24	10	0
MALAKÂL	230	5	30	13	2	7	Cb	5.6	30	46	17	0
WÂU	00	0	30	13	9	7	Cb, as	7.3	29	52	18	dr.
JUBA	230	9	10	95	9	8	Ns, Ac	6.9	27	66	20	0.3

At 0600 on Thursday 3rd May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI																			
MATRUH	160	5	14	03	0	8	Sc	12.4	-1.8	23	25		16		74	18	0	51	
EL DABA																			
ALEXANDRIA	270	10	50	01	2	3	Cu, Ci	12.0	-2.1	20	23	-2	17	0	83	17	0	62	184
FOUAD (Airport)	310	8	18	03	1	2	Ci	12.2		21	24		16		69	15	0	63	138
DAMIETTA	200	2	7	02	1	3	Sc	11.6	-2.2	20	25	0	15	-1	88	18	0	Rain	104
PORT SAÏD	240	8	11	03	2	7	Sc	11.4	-1.4	20	24		18		83	17	0	18	
EL 'ARISH	00	0	30	02	1	2	Cu	10.8	-2.9	22	24	-2	16	+2	69	16	0	Rain	92
DAMANHUR	270	5	7	02	0	0	—	11.8	-2.1	22	28	-1	14	0	65	15	0	35	99
MANSURA	270	5	35	02	1	3	ac	11.5	-2.5	21	31	+1	15	+1	83	18	0	31	53
TANTA	240	2	15	03	2	8	as	12.3	-1.8	20	30	-1	14	+1	83	17	0	23	41
ZAGAZIG	320	1	35	02	0	0	—	12.0	-2.2	20	32	+1	15	+2	83	17	0	Rain	26
ISMAÏLIA	270	5	35	03	2	3	Ci	12.3		20	31		17		73	15	0	17	
FAROUK (Airport)	250	5	10	01	2	4	St, Ci	13.1		20	29		16		78	16	0	Rain	
ALMAZA	220	4	13	01	1	1	Ci	12.8	-0.9	19	29		16		83	16	0	12	
EZBEKIYA	00	0	12	00	0	0	—	12.8	-0.9	21	30	-1	17	+1	69	15	0	11	25
GÎZA	00	0	12	00	0	0	—	12.7	-1.0	22	30	-1	15	+2	65	15	0	11	25
HELWÂN	00	0	7	05	1	2	Ci	13.0	-0.4	19	29	-2	16	0	78	15	0	12	28
FAIYÛM	00	0	35	03	1	4	Ci	14.6	+1.3	21	31	-2	15	0	65	14	0	8	8
MINYA	350	4	8	00	0	1	Ci	13.5	+0.8	20	31		13		60	12	0	3	
ASYÛT MANQABÂD											34								
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.4	+0.6	25			16	-1	34	8	0	0.1	
QENA	290	2	15	00	0	0	—	11.9	+0.6	24	37	0	19	0	38	9	0	0	
LUXOR																			
ASWÂN	360	10	50	00	0	0	—	11.1	-0.2	27	39	+1	23	+1	20	2	0	0	
SÎWA	140	4	14	02	2	5	ac	13.8	-0.9	22	34	+2	15	+1	41	8	0	dr.	8
BAHARÎYA	00	0	35	02	1	6	Ci	14.2	+0.2	22	31	-2	13	-2	57	13	0	0	7
FARAFRA											31								
DAKHLA	00	0	50	00	0	0	—	14.0	+1.3	30	36	0	19	+2	11	-4	0	0	
KHARGA	360	9	15	03	1	2	Ci	12.7	+0.8	24	34	-2	18	-1	32	6	0	0	
SUEZ	40	4	50	00	0	0	—	11.6	-1.6	20	31	0	16	-1	73	15	0	5	16
TÛR	310	13	15	02	0	0	—	10.0	-1.3	26	29	-1	20	+1	48	14	0	4	13
HURGHADA											29								
QUSEIR	360	13	15	02	0	0	—	10.7	-0.5	26	28	-2	21	-1	42	12	0	dr.	4
PORT SÛDÂN	360	7	30	02	2	1	Sc	10.9		30	36		19		49	18	0	152	96
WÂDI HALFA	10	12	30	01	0	0	—	10.3		28	41		23		14	-2	0	dr.	
ABU HAMAD	20	20	30	02	0	0	—			30	42		22		16	1	0		
KAREIMA	310	3	30	02	0	0	—	7.4		30	41		21		22	6	0	dr.	1
'ATBARA	160	5	30	03	1	3	ac, Ci	7.3		30	40		23		11	-4	0	0.3	4
KHARTÛM	310	6	30	01	1	4	ac, Ci	6.7		32	42		26		26	10	0	dr.	5
KASSALA																			12
WÂD MEDANI																			15
RENK																			58
ROSEIRES																			57
EL OBEID	220	3	30	03	1	6	ac	6.4		31	39		25		15	1	0	7	19
EL FÂSHER	320	5	30	02	0	1	Ci			25	40		17		19	0	0	6	7
GENEINA	360	4	30	02	0	0	—			25	39		17		15	-4	0		8
MALAKÂL	180	2	30	01	2	8	ac, Cs	8.9		29	38		27		52	18	0	70	128
WÂU	180	14	30	02	2	7	Sc, ac	9.3		27	38		25		58	18	dr.	146	245
JUBA	310	2	30	01	2	8	Cb, Cs	10.6		27	37		24		66	20	0.3	261	320

HUMIDITY %

Mean of day

Station	on 2nd	Diff from normal
Alexandria	86	+17
Ezbekiya	54	+3
Giza	61	+8
Helwân	45	+6

GÎZA
GRASS MINIMUM TEMP. ON 3rd 13.3 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 2nd At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	29	25	330	10
950					
900					
850	1506	15	48	320	12
800					
700	3125	7		320	21
600					
500	5721	-16		300	44
400	7418	-27		300	44
300	9433	-42		300	54

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 2nd

Height m.	Port Said 14 Dir.	Vel.	Fouad A.P. 14 Dir.	Vel.	Hurghada 14 Dir.	Vel.	Dakhla 14 Dir.	Vel.	Asyut 14 Dir.	Vel.	Kharga 14 Dir.	Vel.
300	340	10	340	10	340	27	350	16	330	14	10	21
600	330	16	320	21	340	26	350	17	340	14	10	27
1000	310	16	320	22	330	19	10	12	340	14	20	27
1500	300	16	330	18	240	14	10	15	340	16		
2000	310	16	340	18	290	25			320	23		
3000					300	19			300	18		
4000					310	30			300	18		
5000												
6000												
7000												
8000												

Height m.	Matruh 14 Dir.	Vel.	Minya 14 Dir.	Vel.	El Arish 14 Dir.	Vel.	Siwa 14 Dir.	Vel.	Fouad A.P. 20 Dir.	Vel.	Minya 20 Dir.	Vel.	Port Said 20 Dir.	Vel.
300	350	17	340	10	320	14	190	3	320	14	360	26	310	9
600	350	14	360	12	300	7	160	3	330	18	360	28	320	6
1000	340	12	350	9	290	10	90	4	330	19	360	19	340	5
1500					320	9	50	10			300	10	350	5
2000					300	13					330	21	340	5
3000											340	18		
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 3rd

Height m.	Sîdi Barâni	Vel.	Matrûh 4 Dir.	Vel.	Fouad Airport 2 Dir.	Vel.	Port Said 2 Dir.	Vel.	El 'Arîsh	Vel.	Helwân	Vel.	Minya 2 Dir.	Vel.	Asyût Manqabâd	Vel.	Luxor	Vel.	Aswân	Vel.	Hurghada	Vel.	Dir.	Vel.
300			120	3	320	5	270	7					360	22										
600			30	3	330	13	270	7					350	25										
1000					330	23	270	7					340	17										
1500					340	23	260	4					340	18										
2000							240	6					340	38										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima 4 Dir.	Vel.	Khartûm 3 Dir.	Vel.	Kassala Dir.	Vel.	El Obeid 4 Dir.	Vel.	El Fâsher 4 Dir.	Vel.	Dir.	Vel.
300																								
600													130	17	100	15								
1000													130	17	100	26			300	7	10	12		
1500													100	2	40	13			310	3	60	19		
2000																			40	10				
3000													310	2	320	6			60	15	30	13		
4000							?												70	12				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two Hours less than the Egyptian standard time.

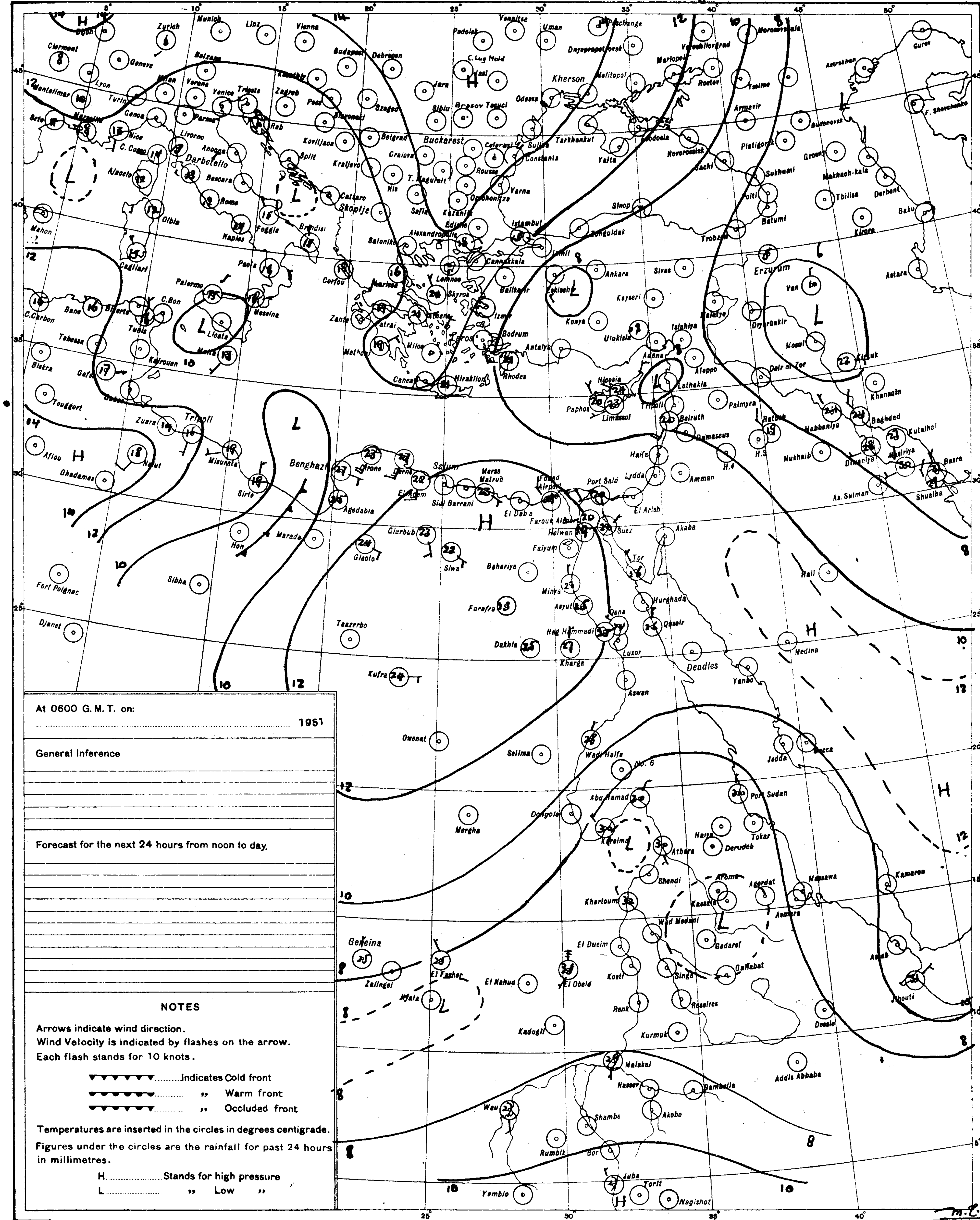
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 3/5/ 1951



At 0600 G. M. T. on:
.... 1951
General Inference
Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(v/s less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 11 G. M. T.
" " Sunset 16 33 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Friday 4th May, 1951

At 1200 on Thursday 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Middle Kingdom	62300	SALÛM	270	19	35	31	3	0	—	7.4	31	18	4
	303	SÎDI BARÂNI	70	13	30	02	2	6	ac,ci	8.5	25	45	12
	306	MATRÛH	80	11	18	01	1	3	ac	10.8	28	23	6
	309	EL DABA	40	6	35	01	1	3	cu	11.7	26	30	7
		ALEXANDRIA	360	11	50	02	2	6	cu,cs	11.4	22	65	15
	318	FOUAD (Airport)	320	8	18	02	2	6	ac,cs	11.4	22	65	15
	330	DAMIETTA	320	5	35	03	1	5	ac	11.1	23	74	18
	333	PORT SA'ID	10	4	30	03	0	2	ci	10.2	23	74	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	1	2	ci	11.9	27	37	11
	342	MANSURA	360	5	35	02	1	3	ac	10.3	30	35	13
	348	TANTA	270	13	35	01	1	3	—	10.9	30	18	13
	354	ZAGAZIG	320	2	50	02	0	0	—	10.2	31	46	18
	440	ISMA'ILIA	320	9	35	03	2	8	ci	10.2	30	31	11
Cairo Area	366	FAROUK (Airport)											
	372	ALMAZA	290	13	18	03	1	5	cs	10.6	30	25	8
		EZBEKIYA	310	18	18	02	1	5	ac,ci	10.4	30	24	7
		GIZA	310	18	18	02	1	5	ac,ci	11.0	31	17	3
	378	HELWÂN	290	10	50	02	2	7	cc	10.3	30	16	1
Upper Egypt	381	FAIYÛM	360	5	35	03	2	6	ci	11.5	31	28	10
	387	MINYA	330	5	12	02	1	4	ci	10.8	33	16	4
	393	ASYÛT MANQABÂD	340	12	30	03	1	5	cs	9.6	34	23	10
	399	NAG' HAMMÂDI	00	0	35	01	0	3	ci	9.3	35	23	11
	402	QENA	20	2	50	03	1	3	ci	8.2	38	13	5
	405	LUXOR											
	414	ASWÂN	340	3	50	01	1	2	ci	7.8	35	12	1
Oases	417	SÎWA	200	14	14	03	1	5	ac	11.4	37	12	3
	420	BAHARIYA	340	1	35	02	2	6	ci	12.0	34	32	15
	423	FARAFRA	00	0	35	02	0	0	—	12.6	33	16	4
	432	DAKHLA	20	8	50	00	0	0	—	10.8	35	8	-4
	435	KHARGA											
Red Sea	450	SUEZ	130	4	50	03	0	6	sc	9.4	29	35	12
	459	TÛR	310	5	35	02	0	0	—	8.4	27	42	13
	462	HURGHADA	40	5	30	03	1	4	cs	8.3	27	70	21
	465	QUSEIR	20	9	15	00	0	0	—	8.5	27	62	19
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	20	10	30	02	0	0	—				4
	640	ABU HAMAD	250	2	30	02	0	0	—		40	10	3
	660	KAREIMA	110	3	50	02	0	0	—	4.1	41	8	1
	680	ATBARA	310	9	30	03	1	1	cs	2.9	41	6	-4
	721	KHARTÛM	360	2	30	03	1	3	cu,sc	2.4	42	17	12
	730	KASSALA	10	1	30	03	2	7	cu,as	2.2	39	16	9
Central Sudan	751	WÂD MEDANI											
	801	RENK	230	9	35	02	1	2	—	5.9	36	27	14
	802	ROSEIRES	230	9	35	02	2	8	cu	4.6	36	31	16
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA	90	10	30	03	0	1	cu		38	5	-9
S. Sudan	840	MALAKÂL	160	13	30	03	2	8	cu,cs	0.2	35	39	19
	880	WÂU	170	8	30	03	1	1	cu,ac	3.6	38	24	14
	941	JUBA											

At 1800 on Thursday 3rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	180	2	15	03	5	8	as	9.7	27	55	17	dr.
SÎDI BARÂNI	130	3	11	51	2	8	sc	9.9	22	50	11	dr.
MATRÛH	70	7	18	01	1	0	—	10.9	22	47	10	0
EL DABA	00	0	7	01	1	0	—	9.7	20	73	15	0
ALEXANDRIA	40	9	35	03	2	2	cu	9.2	20	73	15	0
FOUAD (Airport)												
DAMIETTA	270	5	7	01	1	3	ac	11.2	20	88	18	0
PORT SA'ID	300	8	15	01	0	3	ci	10.7	21	83	18	0
EL 'ARISH	290	11	12	00	1	0	—	10.3	20	73	15	0
DAMANHUR	40	5	7	02	1	3	ci	12.3	20	73	15	0
MANSURA	360	5		00	1	0	—	11.5	23	50	12	0
TANTA	00	0	35	02	1	0	—	11.7	21	57	12	0
ZAGAZIG	00	0	35	02	0	0	—	11.1	23	61	15	0
ISMA'ILIA	360	2	35	01	0	0	—	11.4	23	61	15	0
FAROUK (Airport)												
ALMAZA	30	6	12	01	0	3	ac,ci	11.3	25	42	11	0
EZBEKIYA	360	2	12	00	0	0	—	11.8	25	39	10	0
GIZA	360	2	12	00	0	0	—	11.9	25	34	8	0
HELWÂN	340	8	7	01	1	2	cs	11.4	26	30	7	0
FAIYÛM	00	0	35	01	1	2	ci	11.6	26	25	4	0
MINYA	00	0	10	00	1	0	—	10.9	26	25	4	0
ASYÛT MANQABÂD	00	0	8	01	1	0	—	10.5	27	37	11	0
NAG' HAMMÂDI												
QENA	320	2	50	02	1	3	cb	9.3	31	16	2	0
LUXOR	340	8	12	00	0	0	—	8.4	30	11	-3	0
ASWÂN	00	0	50	00	0	0	—	8.8	32	15	2	0
SÎWA	220	7	10	01	2	3	ac	9.9	30	25	8	0
BAHARIYA	00	0	15	02	2	0	—	11.4	28	40	13	0
FARAFRA	130	1	15	02	0	0	—	12.7	28	16	0	0
DAKHLA	00	0	50	00	0	0	—	10.0	33	8	-5	0
KHARGA	00	0	15	00	0	0	—	10.7	28	12	-4	0
SUEZ	360	4	35	01	0	0	—	11.1	25	42	11	0
TÛR	310	13		02	0	0	—	8.8	25	46	12	0
HURGHADA	320	15	12	02	2	6	cs	7.8	27	70	21	0
QUSEIR	20	5	15	01	1	0	—	9.1	26	48	14	0
PORT SUDÂN	360	8	30	01	0	0	—	8.0	27	77	23	0
WÂDI HALFA	340	14	30	02	0	0	—	7.8	32			
ABU HAMAD	360	2	30	02	0	0	—		34	10	-2	0
KAREIMA	310	3	30	02	0	0	—	4.7	33	14	2	0
ATBARA	360	5	30	02	0	0	—	3.6	35	12	2	0
KHARTÛM	350	5	30	03	1	7	cu,sc	3.4	35	20	9	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL	130	3	30	13	2	5	cb,cs	7.1	27	52	16	0
WÂU												
JUBA												

At 0600 on Friday 4th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Diff. from normal	Temp. Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	160	2	15	03	2	7	ac	9.0	-4.2	26	36	+10	21	+6	48	14	dr.	90	
SÎDI BARÂNI	300	8	14	02	0	7	ac	9.6		23	32		21		50	12	dr.	108	
MATRÛH	280	12	14	02	2	7	ac	9.9	-4.3	27	31		21		33	9	0	51	
EL DABA	250	5	15	03	2	7	ac	9.3		27	27		19		33	9	0	54	
ALEXANDRIA	00	0	50	03	2	7	ci,ac	9.1	-5.0	23	23	-2	19	+2	50	12	0	62	184
FOUAD (Airport)	80	3	15	02	2	8	ac	8.8		23			19		65	16	0	63	138
DAMIETTA	110	2	15	02	1	3	ac	10.3	-3.5	24	24	-1	16	0	61	16	0	Rain	104
PORT SA'ID	150	5	14	01	1	2	ac,cs	9.7	-3.1	23	25		20		50	12	0	18	
EL 'ARISH											24	-2							92
DAMANHUR	40	5	7	02	1	3	ci	12.0	-1.9	21	28	-1	15	+1	65	14	0	35	99
MANSURA	90	3	35	03	2	5	ci	10.4	-3.5	26			16	+2	55	16	0	31	53
TANTA	00	0	35	03	2	7	ac	10.2	-3.9	24	30	-1	17	+3	47	12	0	23	41
ZAGAZIG	220	1	35	03	1	4	cu	8.7	-5.5	25	33	+2	15	+1	30	6	0	Rain	26
ISMA'ILIA	110	2	35	03	1	5	ac	10.0		27	31		19		42	13	0	17	
FAROUK (Airport)	200	25	10	03	2	8	sc,ac	10.2		27			18		52	16	0	Rain	
ALMAZA	210	23	50	02	1	7	sc,ac	9.2	-4.4	25	32		20		28	5	0	12	
EZBEKIYA	00	0	12	02	1	8	ac,ci	9.4	-4.2	25	31	0	20	+4	36	9	0	11	25
GIZA	00	0	12	02	1	8	ac,ci	10.2	-3.5	24	32	+1	16	+3	47	12	dr.	11	25
HELWÂN	160	10	7	03	2	8	sc,ac	9.5	-3.9	24	31	0	20	+4	32	6	0	12	28
FAIYÛM	200	2	35	03	1	4	ci	11.5	-1.7	26	33	0	18	+3	30	7	0	8	8
MINYA	170	4	8	00	0	0	—	12.0	-0.7	26	34	+1	16		25	4	0	3	
ASYÛT MANQABÂD	00	0	8	10	0	0	—	11.6	-0.9	26	35		19		42	12	0	dr	
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.3	+0.5	27			17	0	42	13	0	0.1	
QENA	360	2	15	00	0	0	—	12.7	+1.5	29	39	+2	19	0	23	6	0	0	
LUXOR	00	0	30	00	0	0	—	11.7		31	37		19		15	1	0	0	
ASWÂN	00	0	50	00	0	0	—	12.7	+1.5	29	36	-2	21	-1	29	9	0	0	
SÎWA	00	0	12	02	1	4	as	10.7	-4.0	26	38	+6	18	+3	37	10	0	dr	8
BAHARIYA	360	2	35	02	0	0	—	11.8	-2.0	28	35	+2	18	+3	40	13	0	0	7
FARAFRA	220	1	35	02	1	0	—	11.9		25	36		19		22	2	0	dr	
DAKHLA	00	0	50	00	0	0	—	13.0	+0.3	27	36	0	17	-1	15	-2	0	0	
KHARGA	00	0	35	00	0	0	—	12.4	+0.5	21	35	-1	18	-1	38	6	0	0	
SUEZ	130	3	50	00	0	0	—	9.5	-3.7	26	33	+2	18	+1	55	16	0	5	16
TÛR	160	2	7	02	0	0	—	10.2	-1.1	27	33	+3	18	-1	37	11	0	4	13
HURGHADA	00	0	30	03	2	7	ac	10.1		27	28		20		55	17	0	dr	
QUSEIR	180	9	15	00	0	0	—	6.4	-4.7	26	28	-2	23	+1	62	18	0	dr	4
PORT SUDÂN	340	9	30	03	0	4	sc,ac	11.5		30	33		21		27	9	0	152	96
WÂDI HALFA	340	2	30	02	0	0	—	12.1		26	39		19		23	3	0	dr	
ABU HAMAD	10	5	30	03	0	1	ci			30	41		24		6	-11	0		
KAREIMA	50	12	50	02	0	0	—	9.3		31	42		25		11	-2	0	dr	1
ATBARA											42								4
KHARTÛM	360	7	10	05	1	7	cs	7.8		32	43		26		28	11	0	dr	5
KASSALA	240	3	30	01	2	6	cs	8.2		33	40		26		30	13	0	3	13
WÂD MEDANI																			15
RENK																			58
ROSEIRES																			59
EL OBEID																			20
EL FÂSHER																			7
GENEINA	80	8	30	02	0	0	—			26	40		20		21	2	0		9
MALAKÂL	130	10	30	03	2	8	ac,cs	8.2		30	36		25		40	15	0	70	130
WÂU	160	6	30	01	2	8	ac,cs	7.9		28	39		27		58	19	0	146	249
JUBA																			325

HUMIDITY %

Mean of day

Station	on 3rd	Diff from normal
Alexandria	73	+4
Ezbekiya	52	+1
Giza	48	-5
Helwân	49	+10

GIZA
GRASS MINIMUM TEMP
ON 4th 12.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 3rd At 15h

Pressure mbs	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 3rd At 8h

Pressure mbs	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 3rd

Height m.	Siwa 14 Dir.	Siwa 14 Vel.	Asyut 14 Dir.	Asyut 14 Vel.	Port Said 14 Dir.	Port Said 14 Vel.	Minya 14 Dir.	Minya 14 Vel.	Fouad A.P. 14 Dir.	Fouad A.P. 14 Vel.	Dakhla 14 Dir.	Dakhla 14 Vel.	Hurghada 14 Dir.	Hurghada 14 Vel.	Kharga 14 Dir.	Kharga 14 Vel.	El Arish 14 Dir.	El Arish 14 Vel.	Dir.	Vel.	Dir.	Vel.	Minya 20 15 Dir.	Minya 20 15 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
300	250	18	330	9	330	16	350	5	310	10	20	8	340	24	360	12	300	21					90	6	310	11
600	260	16	340	9	300	17	350	10	310	18	10	9	330	28	10	17	270	13					360	6	310	12
1000	260	12	340	9	320	28	330	11	300	16	20	10	340	32	10	21	290	17					350	5	320	13
1500	250	10	350	12	290		320	12	300	23	40	10	350	34			290	14					320	11	350	13
2000	260	10	340	12			340	17	310	36	20	14	320	23									300	11		
3000	310	25	340	18																			300	8		
4000																										
5000	10	16																								
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport 8 Dir.	Fouad Airport 8 Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya 2 30 Dir.	Minya 2 30 Vel.	Asyut Manqabad 8 Dir.	Asyut Manqabad 8 Vel.	Luxor 9 Dir.	Luxor 9 Vel.	Aswân Dir.	Aswân Vel.	Hurghada 8 30 Dir.	Hurghada 8 30 Vel.	Dir.	Vel.
300					360	22	190	6					360	16	200	12	270	1			120	7		
600					280	25	220	3					350	20	240	5	300	2			160	3		
1000					280	31	280	4					300	16	250	7	300	4			90	8		
1500					280	45	300	3					330	9	280	15	260	5						
2000															310	11								
3000															320	29								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla 8 Dir.	Dakhla 8 Vel.	Kharga 8 Dir.	Kharga 8 Vel.	Wâdi Halfa 4 Dir.	Wâdi Halfa 4 Vel.	Abû Hamad 4 Dir.	Abû Hamad 4 Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala 3 Dir.	Kassala 3 Vel.	El Obeid 4 Dir.	El Obeid 4 Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
300					130	10	190	3																
600					150	10	200	7	40	24	20	21												
1000					210	7	200	10	30	23	30	23					190	13	220	19				
1500					200	5	190	10	10	17	10	19					220	7	310	15				
2000					360	4			10	7									360	16				
3000									280	7	80	3					30	4	50	15				
4000																			40	11				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

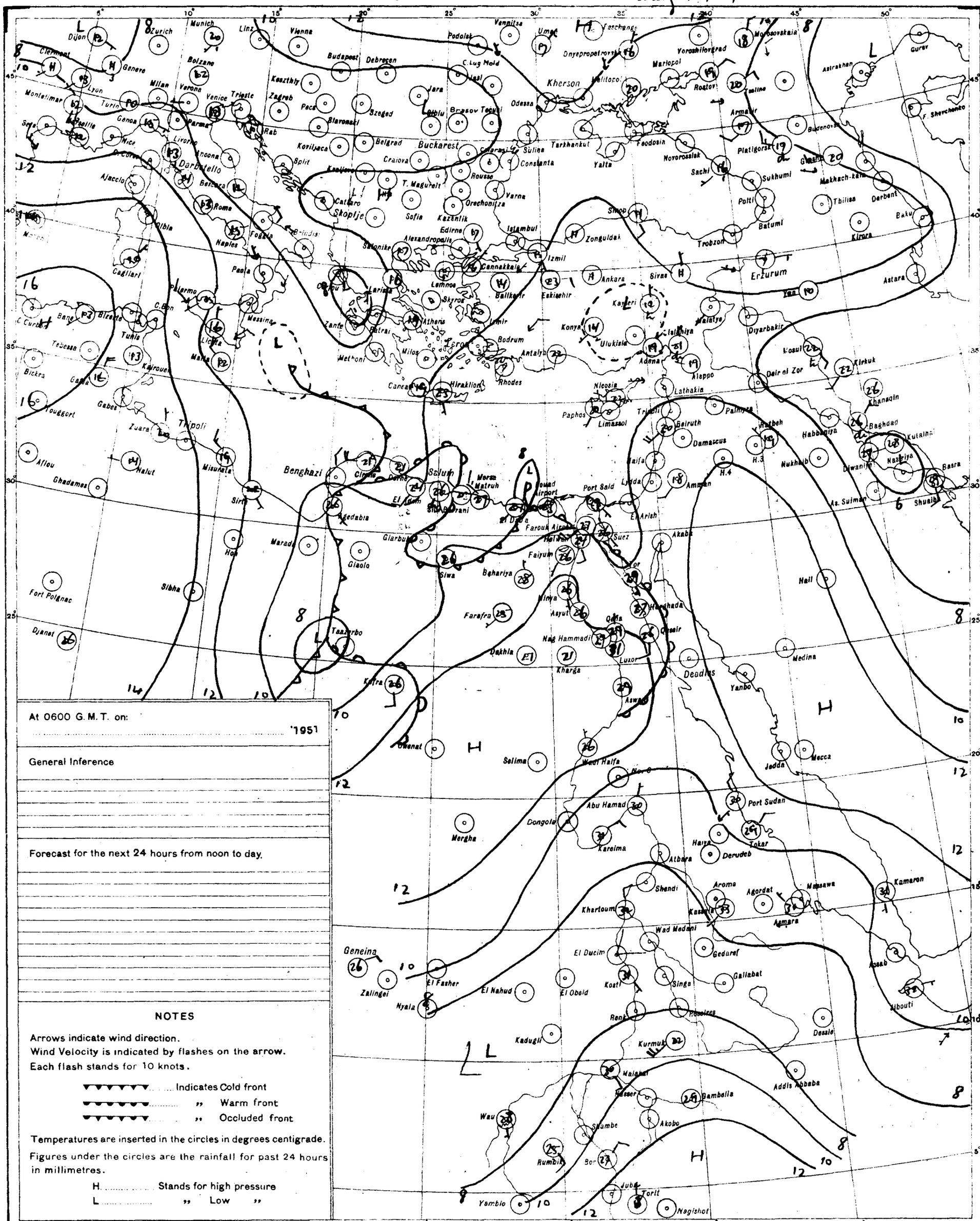
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P T 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 4/5/ 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 10 G.M.T.
" " Sunset 16 34 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 5th May, 1951

At 1200 on Friday 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	303	SIDI BARANI											
	306	MATRUH	320	12	14	02	2	1	Ac, Ci	9.8	27	40	12
	309	EL DABA	290	8	35	03	2	8	St	9.1	26	51	15
		ALEXANDRIA	270	10	50	02	2	4	Sc, Ac	9.5	25	61	17
	318	FOUAD (Airport)	290	11	18	02	2	5	Ac	9.5	27	52	16
	330	DAMIETTA	20	5	35	03	1	6	Ac	8.8	28	45	15
	333	PORT SA'ID	70	10	30	01	1	2	Ac, Cs	8.2	26	55	16
	396	EL 'ARISH	320	2	35	02	1	4	Cu	9.9	31	22	7
Lower Egypt	339	DAMANHUR	270	3	15	02	1	2	Ac		28	40	13
	342	MANSURA	270	9	35	03	2	4	Ci	8.8	33	36	16
	348	TANTA	00	0	35	03	2	7	Ac	8.5	32	24	9
	354	ZAGAZIG	220	3	35	09	3	5	Cu	8.8	33	16	4
	440	ISMA'ILIA	270	19	35	06	2	7	Ac	9.8	34	27	12
Cairo Area	366	FAROUK (Airport)	300	20		02	2	8	Sc, Ac	9.3	33	23	9
	372	ALMAZA	310	16	14	02	2	7	Sc	9.5	33	24	10
		EZBEKIYA	350	14	18	02	1	6	Ci	9.2	33	24	10
		GIZA	350	14	18	02	1	6	Ci	8.6	34	18	6
	378	HELWAN	320	32	7	07	2	8	Ac	8.2	33	16	4
Upper Egypt	381	FAIYUM	200	4	35	02	1	4	Ci	9.8	37	14	6
	387	MINYA	280	11	12	02	1	2	Ci	9.7	39	7	-4
	393	ASYUT MANQABAD	290	6	30	03	0	2	Ci	9.5	38	8	-2
	399	NAG' HAMMADI	00	0	35	01	0	3	Ac		36		
	402	QENA	290	2	50	03	1	3	Ci	9.6	38	13	5
	405	LUXOR	340	7	30	00	0	0	–	9.2	37	8	-3
	414	ASWAN	340	5	50	00	0	0	–	9.6	37	11	2
Oases	417	SIWA	140	3	14	02	0	2	Cc	9.4	39	9	1
	420	BAHARIYA	270	3	35	02	1	4	Ac	9.6	39	10	2
	423	FARAFRA											
	432	DAKHLA	00	0	50	00	0	0	–	10.7	39	11	3
	435	KHARGA	00	0	35	00	0	0	–	10.0	38	16	8
Red Sea	450	SUEZ	180	2	50	03	0	5	Sc	9.1	30	35	13
	459	TOR											
	462	HURGHADA	110	11	30	02	1	6	Ac	8.3	29	52	18
	465	QUSEIR	140	9	15	02	1	3	Ci		29	66	22
	641	PORT SUDAN	50	13	30	03	1	6	Ci	9.4	31	49	19
North Sudan	600	WADI HALFA	20	14	30	02	0	0	–	8.3	38	9	-1
	640	ABU HAMAD	10	2	30	02	0	0	–		41	7	-1
	660	KAREIMA	340	9	30	02	0	0	–	5.9	40	11	4
	680	'ATBARA	360	4	30	02	2	5	Ci, Cs	4.4	41	11	5
	721	KHARTUM	50	7	30	02	2	8	Ac, Cs	4.0	41	19	13
	730	KASSALA	320	2	30	03	1	6	Cu, Ci	3.3	40	17	11
Central Sudan	751	WAD MEDANI											
	801	RENK	180	5	35	02	1	3	Ci		39	23	14
	802	ROSEIRES	360	9	35	02	1	4	Cu	3.5	39	26	16
	771	EL OBEID	360	12	30	02	2	7	Cs	6.3	36	20	10
	760	EL FASHER	80	6	30	02	0	1	Cu		36	19	9
	770	GENEINA	70	2	30	03	0	1	Cu		38	9	-1
S. Sudan	840	MALAKAL	200	7	30	03	2	6	Cu, Ac, Cf	4.1	39	28	17
	880	WAU	130	4	30	02	2	7	Cu, Ac, Cf	3.4	38	25	15
	941	JUBA	20	5	30	02	2	8	Cu, Cb	4.9	36	33	17

At 1800 on Friday 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI												
MATRUH	280	2	10	01	2	8	Ac	9.8	22	61	14	0
EL DABA	00	0	7	01	1	2	Cu	8.3	22	57	13	0
ALEXANDRIA	360	11	35	00	0	0	–	9.6	21	74	16	0
FOUAD (Airport)	310	8	12	01	1	5	Ac	9.3	21	74	16	0
DAMIETTA	20	2		03	2	7	Sc	9.8	23	65	16	0
PORT SA'ID	60	4	15	03	1	3	Sc, Ac	9.2	22	78	18	0
EL 'ARISH	00	0	12	00	0	6	Ac	8.6	21	65	14	0
DAMANHUR	270	9	7	02	1	3	As	9.9	24	47	12	0
MANSURA	320	5		03	2	5	Ac	9.2	25	61	17	0
TANTA	00	0	35	01	2	4	Ci	10.1	25	42	11	0
ZAGAZIG	320	2	35	02	0	0	–	9.5	26	66	19	0
ISMA'ILIA	270	2	35	03	1	5	Ac	9.9	28	40	13	0
FAROUK (Airport)	290	4	12	02	2	7	Sc	10.3	28	37	12	0
ALMAZA	360	3	12	02	2	7	Sc	9.9	28	40	13	0
EZBEKIYA	00	0	12	02	1	5	Ac, Ci	9.6	28	40	13	dr.
GIZA	00	0	12	02	1	5	Ac, Ci	9.1	27	37	11	dr.
HELWAN	32	5	7	02	2	8	Ac	9.2	29	23	6	dr.
FAIYUM	00	0	35	01	1	4	Ci	8.9	30	25	8	0
MINYA	00	0	8	02	2	3	Ci	8.8	28	25	6	0
ASYUT MANQABAD	00	0	10	01	1	0	–	9.3	32	15	2	0
NAG' HAMMADI	00	0	15	00	0	0	–	10.2	32			0
QENA	320	2	7	02	1	3	Ci	11.0	32	24	9	0
LUXOR												
ASWAN	00	0	50	00	0	0	–	10.0	34	10	-2	0
SIWA												
BAHARIYA	00	0	15	02	1	0	–	9.5	30	40	15	0
FARAFRA	220	1	15	02	0	0	–	9.9	30	33	12	0
DAKHLA	00	0	50	00	0	0	–	10.0	31	18	4	0
KHARGA	00	0	15	00	0	0	–	10.3	31	17	3	0
SUEZ												
TOR												
HURGHADA	170	5	12	01	1	4	Ci	8.9	27	70	21	0
QUSEIR	40	5	15	03	1	4	Ci	10.7	26	70	20	0
PORT SUDAN	330	4	30	02	1	3	Ci	10.6	27	70	21	0
WADI HALFA	20	9	30	02	0	0	–	8.8	32	15	2	0
ABU HAMAD	350	1	30	02	0	0	–		33	12	0	0
KAREIMA	330	5	30	02	0	0	–	6.2	33	12	0	0
'ATBARA	360	12	30	01	1	2	Ci	4.9	34	14	3	0
KHARTUM	360	5	30	01	2	7	Ac, Cs	4.8	33	24	10	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	3	30	02	1	5	Ac, Ci	4.2	35	19	8	0
EL FASHER	60	4	30	02	0	0	–		31	15	1	0
GENEINA	00	0	30	01	0	0	–		33	23	9	0
MALAKAL	220	6	30	13	8	8	Cb, Ns	5.9	30	49	18	0.0
WAU	130	1	30	13	2	5	Cb, Cc	4.4	34	32	15	0
JUBA	200	5	30	01	1	4	St, Ac	4.2	32	41	17	0

At 0600 on Saturday 5th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SIDI BARANI																			
MATRUH	320	16	18	02	2	8	As	13.2	-0.9	19	34		16		78	15	0	51	
EL DABA	320	8	15	03	2	8	St	11.5		20	28		16		73	15	0	54	
ALEXANDRIA	310	12	50	03	1	6	Sc, Ac	11.6	-2.5	20	26	+1	18	+1	83	17	0	62	184
FOUAD (Airport)	320	9	14	02	2	7	Sc, Ci	11.6		20	28		18		83	17	0	63	138
DAMIETTA	320	2	7	01	1	4	Cu	11.5	-2.2	23	31	+6	18		74	18	0	Rain	104
PORT SA'ID	360	5	14	03	1	6	Sc	10.9	-1.9	23	27		20		84	20	0	18	
EL 'ARISH	00	0	30	01	1	1	Cu	9.9	-3.8	20	33	+7	16				0	Rain	92
DAMANHUR	230	9	7	02	2	3	Ci	11.8	-2.1	22	31	+2	16	+2	78	17	0	35	99
MANSURA	360	5	35	03	2	5	Ac	11.2	-2.7	23	34	+4	17	+2	84	20	0	31	53
TANTA	270	2	35	03	2	7	As	11.0	-3.1	24	33	+2	15	+1	54	14	0	23	41
ZAGAZIG	220	2	35	02	0	0	–	10.3	-3.8	23	34	+3	17	+3	65	16	0	Rain	26
ISMA'ILIA	290	2	35	03	1	6	Cs	11.0		25	35		21		47	13	0	17	
FAROUK (Airport)	290	5	12	02	1	4	Cs	11.9		23	36		21		61	15	0	Rain	
ALMAZA	290	4	12	01	1	4	Ci, Cs	11.2	-2.4	24	35		20		47	12	0	12	
EZBEKIYA	00	0	12	02	1	3	Ac, Ci	11.5	-2.1	26	34	+3	21	+5	48	14	dr.	11	25
GIZA	00	0	12	02	1	3	Ac, Ci	11.5	-2.1	25	34	+3	17	+4	47	13	dr.	11	25
HELWAN	00	0	7	05	1	6	Cs	11.5	-1.8	26	34	+3	21	+5	35	9	dr.	12	28
FAIYUM	00	0	35	02	0	4	Ci	10.9	-2.3	27	38	+5	19	+3	37	11	0	8	8
MINYA	110	5	8	00	0	1	Ci	10.5	-2.1	28	39		18		27	7	0	3	
ASYUT MANQABAD	00	0	12	00	0	0	–	10.2	-2.3	30	39		18		27	9	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	–	11.0	-1.7	26	38	+3	19	+2	48	14	0	0.1	
QENA	40	2	15	00	0	0	–	11.2	+0.1	26	40	+3	22	+3	37	10	0	0	
LUXOR	260	2	30	00	0	0	–	10.6	-0.8	29			21		20	4	0	0	
ASWAN	00	0	50	00	0	0	–	11.0	-0.1	30	39	+1	24	+2	35	13	0	0	
SIWA																			8
BAHARIYA	360	2	35	02	1	3	Ac	10.7	-3.0	28	40	+7	21	+6	58	19	0	0	7
FARAFRA	130	3	35	01	1	1	Ac	11.4		26	41		22		40	11	0	dr.	
DAKHLA	00	0	50	00	0	0	–	10.6	-2.1	30	39	+3	21	+3	18	3	0	0	
KHARGA	00	0	35	00	0	0	–	10.3	-1.5	28	39	+2	20	+1	27	7	0	0	
SUEZ	00	0	50	00	0	3	Sc, Ci	10.7	-2.4	28			19	+2	40	13	0	5	16
TOR																			13
HURGHADA	350	4	30	03	0	5	Cs	10.3	-1.2	25			20		51	14	0	dr.	
QUSEIR	360	9	15	00	0	5	Ci	10.4	-0.7	28	30	0	24	+2	40	13	0	dr.	4
PORT SUDAN											32								96
WADI HALFA											40								
ABU HAMAD											41								
KAREIMA	50	7	30	02	0	0	–	10.4		30	41		26		22	6	0	dr.	1
'ATBARA	50	9	30	02	2	6	Ci, Cs	9.4		30	42		23		11	-4	0	0.3	4
KHARTUM	70	10	30	02	2	7	Ac, Cs	8.7		32	42		26		29	12	0	dr.	5
KASSALA	40	6	30	01	2	6	Ac, Cs	7.7		31	42		24		22	7	0	3	13
WAD MEDANI	180	9	35	02	2	8	Cu	3.8		32	40		23		24	9	0	46	16
RENK																			59
ROSEIRES																			60
EL OBEID	130	3	30	03	1	5	Ac, Cs	8.4		32	41		24		17	4	0	7	20
EL FASHER	250	2	30	03	0	1	Ci			25	38		19		18	-1	0	6	8
GENEINA	70	2	30	02	0	0	–			26	37		20		23	3	0		9
MALAKAL	110	13	30	61	6	8	Ns	11.4		25	40		23		74	20	4	74	132
WAU	130	1	30	02	2	7	Ac, Ci	8.6		28	40		25		66	21	dr.	146	253
JUBA	180	2	30	03	1	5	Cu, Sc, Cs	9.8		29	36		23		55	19	0	261	330

HUMIDITY

Mean of day %

Station	on 4th	Diff. from normal
Alexandria	61	-9
Ezbekiya	36	-14
Giza	37	-15
Helwan	25	-13

GIZA
GRASS MINIMUM TEMP. ON 5th 13.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 4th At 15½

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	79	31	28	300	13
950					
900					
850	1510	20	49	300	30
800					
700	3148	7	71	290	56
600					
500	5814	-12	88	300	53
400	7487	-22		300	81
300	9545	-35			

AIRPORT — On ..... At .....

Pressure	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 4th

Station	Matruh Dir.	Matruh Vel.	Arish Dir.	Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Hurghada Dir.	Hurghada Vel.			Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14	15	14		14		14		14		14		14		14		14	15			20		20		20	
Height m.																										
300	310	20	10	10	300	23	290	8	70	4	230	2	160	3	300	23	60	3			320	26	360	14	40	23
600	310	19	230	6	300	15	280	5	80	9	250	3	170	3	300	33	20	12			320	25	10	12	40	22
1000	310	19	270	17	300	16	280	5	80	10	270	1	150	3	300	30	340	21			320	26	10	9	20	5
1500					280	16	280	12	180	10	270	7			300	36	310	16			320	37	20	6	240	11
2000					270	13	280	16	220	26	280	8					290	22			290	36			260	10
3000					280	22	310	30	230	30							280	24								
4000									230	39							320	35								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	SIDI BARANI Dir.	Vel.	MATRUH Dir.	Vel.	FOUAD AIRPORT Dir.	Vel.	PORT SA'ID Dir.	Vel.	EL'ARISH Dir.	Vel.	HELWAN Dir.	Vel.	MINYA Dir.	Vel.	ASYUT MANQABAD Dir.	Vel.	LUXOR Dir.	Vel.	ASWAN Dir.	Vel.	HURGHADA Dir.	Vel.	Dir.	Vel.
Time			4		2		2						2											
Height m.																								
300			320	16	320	23	280	7					20	16										
600					310	27	240	7					40	19										
1000					300	24	270	5					40	16										
1500							250	3					230	10										
2000							250	3																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SIWA Dir.	Vel.	BAHARIYA Dir.	Vel.	DAKHLA Dir.	Vel.	KHARGA Dir.	Vel.	WADI HALFA Dir.	Vel.	ABU HAMAD Dir.	Vel.	KAREIMA Dir.	Vel.	KHARTUM Dir.	Vel.	KASSALA Dir.	Vel.	EL OBEID Dir.	Vel.	EL FASHER Dir.	Vel.	MALAKAL Dir.	Vel.
Time									4		4		4								5		4	
Height m.																								
300									60	12													120	23
600									50	19	90	11	60	19										
1000									40	15	80	12	90	26							30	14	110	25
1500									50	13	50	18	90	22							70	22	110	15
2000									360	21											150	3		
3000											40	19									150	11	60	16
4000																					140	13		
5000																							130	2
6000																					90	17		
7000																								
8000																								

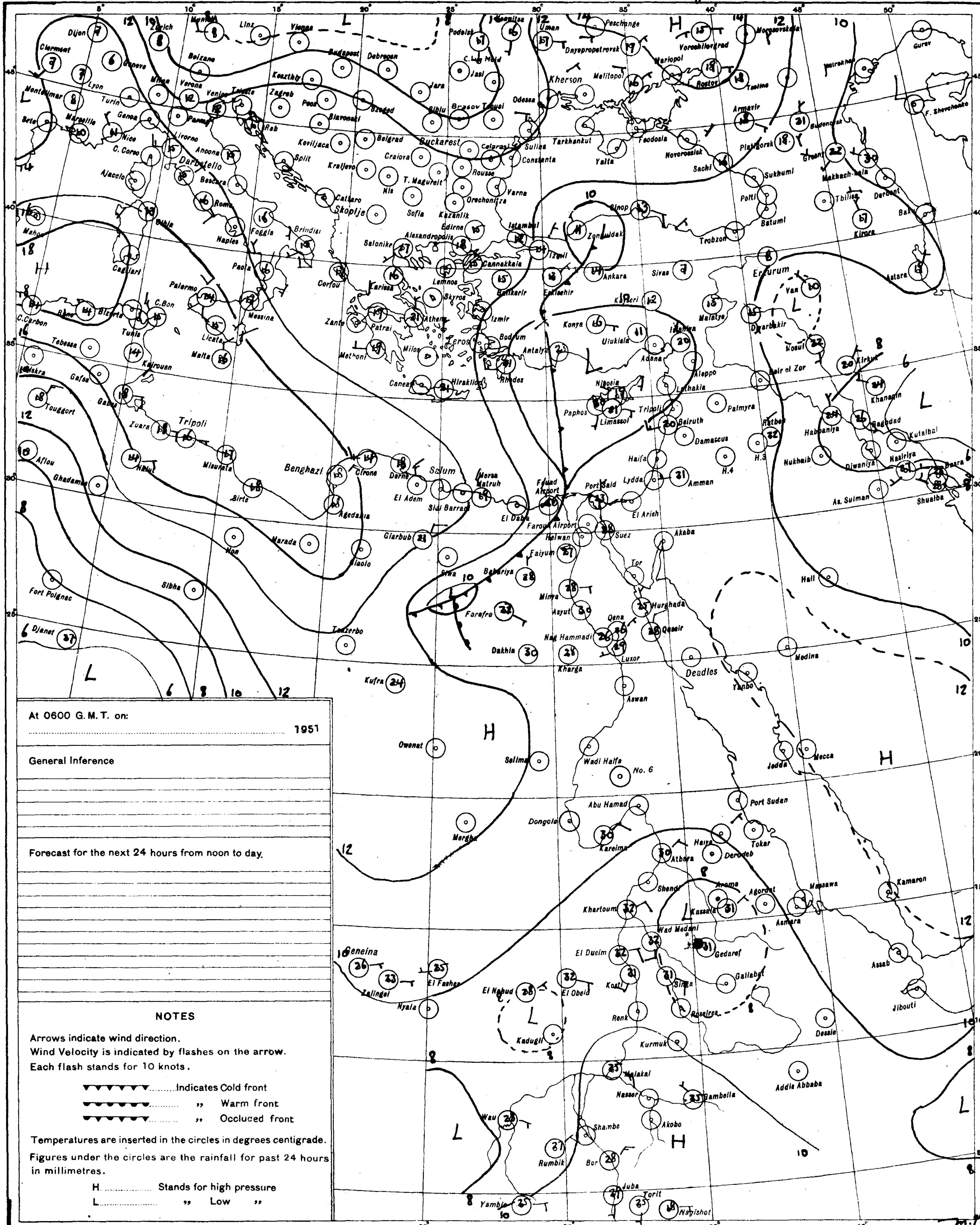
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 5/5/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.............. Stands for high pressure
L.............. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless......00
Clouds dissolving......01
State of sky generally unchanged......02
Clouds developing......03

Visibility more than 1000 metres:
- Visibility reduced by smoke......04
- Dry haze......05
- Dust in the air......06
- ,, or sand raised by wind......07
- Dust devil......08
- Duststorm or sandstorm within sight or at station during last hour......09
- Mist......10
- Shallow fog......12

Lightning, no thunder heard......13
Precipitation within sight......16
Thunder, no precipitation......17

During past hour and not at time of observation:
- Squalls......18
- Drizzle......20
- Rain......21
- Showers of rain......25
- ,, ,, hail......27
- Fog......28
- Thunderstorm......29

Duststorm or Sandstorm......31
Fog......45
Drizzle......50
Rain......60
Showers of rain......80
,, ,, hail......87
Rain } Thunderstorm during......91
Hail } the past hour......93
Thunderstorm with rain......95
,, ,, hail......96
,, ,, Sandstorm......98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds......0
Some clouds......1
Mainly overcast......2
Sandstorm or Duststorm......3
Fog or thick dusthaze (*vis less than 1000 m.*)......4
Drizzle......5
Rain......6
Snow or rain and snow......7
Showers of rain......8
Thunderstorm with or without rain......9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless......0
1/8 of sky coverd or trace of cloud......1
2/8 th ,, ,, ,,......2
3/8 ,, ,, ,, ,,......3
4/8 ,, ,, ,, ,,......4
5/8 ,, ,, ,, ,,......5
6/8 ,, ,, ,, ,,......6
7/8 ,, ,, ,, ,,......7
Sky completely covered......8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness......9

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 03 09 G.M.T.

" " Sunset 16 35 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: SUNDAY 6th MAY 1951

At 1200 on Saturday 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	9	35	02	2	5	As, Ac	13.9	21	65	14
	303	SIDI BARANI	310	16	30	03	2	8	Sc	14.6	21	61	13
	306	MATRUH	320	13	14	02	2	7	Sc, As	14.1	20	69	14
	309	EL DABA	320	9	35	02	2	2	Sc	12.5	21	65	14
		ALEXANDRIA	330	15	50	02	2	5	Cu	12.6	22	74	17
	318	FOUAD (Airport)	300	14	18	03	2	6	Sc, Cc	12.6	22	69	16
	330	DAMIETTA	340	2	35	01	0	0	—	11.6	25	42	11
	333	PORT SA'ID											
	336	EL 'ARISH	320	5	35	02	0	1	Cu	11.1	25	47	13
Lower Egypt	339	DAMANHUR	270	9	15	02	1	2	Ci	12.2	27	52	16
	342	MANSURA	320	9	35	00	1	0	—	11.0	31	49	19
	348	TANTA	270	2	35	01	1	3	Ci	11.6	30	40	15
	354	ZAGAZIG	320	2	50	02	0	0	—	10.6	33	34	15
	440	ISMAILIA	290	5	35	01	1	4	Ci	9.8	33	30	13
Cairo Area	366	FAROUK (Airport)	290	14	18	03	1	4	Ac, Ci	10.8	33	24	10
	372	ALMAZA	300	13	15	02	2	5	Cs	10.1	33	23	9
		EZBEKIYA											
		GIZA	310	8	18	02	1	6	Ac, Ci	10.4	33	30	13
	378	HELWAN	290	12	15	03	1	5	Cs	10.0	33	23	8
Upper Egypt	381	FAIYUM	00	0	35	02	1	4		10.4	36	17	7
	387	MINYA	350	15	10	02	1	2	Ci	8.8	38	11	2
	393	ASYUT MANQABAD	270	10	30	02	1	1	Ci	7.4	38	9	0
	399	NAG' HAMMADI	00	0	15	02	1	5	As	7.9	37	22	12
	402	QENA	320	1	35	03	1	5	As	8.6	42	15	10
	405	LUXOR	220	8	30	03	1	3	Ac	9.9	42	5	-6
	414	ASWAN	00	0	50	01	1	2	Ci	8.6	41	10	4
Oases	417	SIWA	280	14	14	03	0	4	Ci	14.3	33	28	12
	420	BAHARIYA											
	423	FARAFRA	320	1	35	01	1	1	As	11.4	37		
	432	DAKHLA	340	11	35	30	4	0	—	7.9	40	12	6
	435	KHARGA	320	13	7	02	1	6	Ci	6.0	43	11	6
Red Sea	450	SUEZ	90	3						8.6	34	22	9
	459	TOR											
	462	HURGHADA	90	20	30	01	1	4	Cs	7.9	29	70	23
	465	QUSEIR	90	5	15	01	1	4		10.3	30	66	23
	641	PORT SUDAN	70	9	30	01	1	1	Ac	9.3	33	34	15
North Sudan	600	WADI HALFA	360	3	30	02	1	0	—	7.9	42	8	1
	640	ABU HAMAD	40	4	30	02	0	0	—		41	8	0
	660	KAREIMA	70	9	30	02	0	1	Ci	6.8	41	10	4
	680	'ATBARA	20	10	30	02	1	5	Ac, Cs	5.2	41	7	-1
	721	KHARTUM	80	8	30	01	2	7	Cs	4.9	40	21	14
	730	KASSALA	70	3	30	03	2	7	Cu, Cs	2.5	40	14	8
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Cc	4.0	39	10	2
	801	RENK	270	5	35	02	1	4	Ci	7.1	35	30	15
	802	ROSEIRES	360	9	35	02	1	5	Cu		39	26	16
	771	EL OBEID	230	3	30	03	2	7	Cu, Ac	5.3	36	31	16
	760	EL FASHER	70	6	30	08	0	1	Cb, Ci		40	9	1
	770	GENEINA	110	8	30	03	0	1	Cu		38	5	-9
S. Sudan	840	MALAKAL	80	4	30	03	6	8	Cb, Ac	7.7	32	41	17
	880	WAU	70	7	30	17	8	7	Cb	4.5	37	31	17
	941	JUBA	50	5	30	03	1	7	Cu, Ci	5.4	36	31	16

At 1800 on Saturday 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Mediterranean	62300	SALUM	320	5	15	01	1	2	As	15.9	18	83	15	0
	303	SIDI BARANI	330	8	14	03	2	8	Sc	14.7	18	78	14	0
	306	MATRUH	310	9	13	02	2	8	Sc, Ac	14.5	19	77	15	0
	309	EL DABA	320	7	7	02	1	4	Cu	13.1	19	69	16	0
		ALEXANDRIA	360	12	35	01	2	3	Cu, Ci	13.6	20	83	17	0
	318	FOUAD (Airport)	310	7	12	00	2	0	—	13.7	20	88	18	0
	330	DAMIETTA	00	0		02	0	0	—	11.3?	21	74	16	0
	333	PORT SA'ID	350	15	18	02	1	4	Ci	12.1	22	69	16	0
	336	EL 'ARISH												
Lower Egypt	339	DAMANHUR	300	5	15	02	1	2	Ci	13.4	22	65	15	0
	342	MANSURA	360	5		00	0	0	—	13.3	22	65	15	0
	348	TANTA	00	0	35	01	1	4	Ci	13.9	22	57	13	0
	354	ZAGAZIG	320	1	35	02	0	0	—	13.5	22	50	11	0
	440	ISMAILIA	360	5	35	03	1	6	Ac	11.9	24	38	9	0
Cairo Area	366	FAROUK (Airport)	320	10	12	00	1	0	—	12.7	25	51	14	0
	372	ALMAZA	350	11	12	02	0	2	Cc	11.7	25	47	13	0
		EZBEKIYA												
		GIZA	310	10	12	00	0	0	—	12.7	24	74	19	0
	378	HELWAN	330	13	15	01	1	3	Cc	12.2	26	42	12	0
Upper Egypt	381	FAIYUM	360	5	35	01	1	2			27	42	13	0
	387	MINYA	360	6	8	02	1	4	Ci	10.0	28	50	10	0
	393	ASYUT MANQABAD	300	5	10	01	1	2	Ci	9.1	31	21	6	0
	399	NAG' HAMMADI	00	0	15	02	1	3		6.8	31	31	12	0
	402	QENA	320	2	7	02	1	5	As	6.8	33	24	10	0
	405	LUXOR	320	12	12	02	2	3	Cs	5.9	36	06	-8	0
	414	ASWAN												
Oases	417	SIWA	340	7	10	01	1	2	As	14.2	28	35	11	0
	420	BAHARIYA	320	2	15	02	1	0	—	11.2	29	52	18	0
	423	FARAFRA	320	1	15	01	1	1	Ac	11.9	31	26	9	0
	432	DAKHLA	00	0	15	00	0	0	—	9.1	35	15	5	0
	435	KHARGA	360	4	15	00	0	0	—	9.4	34	14	3	0
Red Sea	450	SUEZ	360	4	35	01	0	0	—	11.4	25	42	11	0
	459	TOR												
	462	HURGHADA	190	11	12	02	1	4	Cs	7.5	27	62	19	0
	465	QUSEIR												
	641	PORT SUDAN												
North Sudan	600	WADI HALFA	00	0	30	02	0	0	—	7.6	35	18	7	0
	640	ABU HAMAD	00	0	30	02	0	0	—		33	19	6	0
	660	KAREIMA	20	4	30	02	0	0	—	6.2	35	13	3	0
	680	'ATBARA	360	7	30	02	1	1	Ci	6.0	33	12	0	0
	721	KHARTUM	340	6	30	00	2	5	Cs	4.8	35	25	12	0
	730	KASSALA	50	3	30	01	2	4	Ac, Ci	5.3	33	34	15	0
Central Sudan	751	WAD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	200	1	30	01	1	2	Ac	8.6	33	34	15	0
	760	EL FASHER												
	770	GENEINA												
S. Sudan	840	MALAKAL												
	880	WAU												
	941	JUBA												

At 0600 on SUNDAY 6th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	290	1	15	03	2	8	As	15.1	+2.0	19			16	0	73	14	0	90	
SIDI BARANI	00	0	13	02	2	6	Sc, As	14.9		19	21		16		73	14	0	108	
MATRUH	270	4	14	03	1	2	Cc	15.3		20	22		13		73	15	0	51	
EL DABA	320	6	15	01	1	3	Cu	14.8		20	23		15		83	17	0	54	
ALEXANDRIA	330	11	50	02	2	3	Cu	15.4	+1.3	20	24	-1	18	+1	83	17	0	62	185
FOUAD (Airport)	360	6	18	03	1	4	Sc, Ac	15.1		21	24		17		83	18	0	63	138
DAMIETTA	220	2	15	01	0	4	Cu	13.1	-0.6	22	26	+1	15	-1	83	19	0	Rain	104
PORT SA'ID	310	5	14	03	0	3	Sc, Ci	14.9?	+2.1	22	26		19		77	18	0	18	
EL 'ARISH	290	5	30	02	5	5	Cs	13.2	-0.5	21			17	+3	65	14	dr.	Rain	92
DAMANHUR	40	5	7	02	0	0	—	13.6	-0.3	23	28	-1	16	+2	65	16	0	35	99
MANSURA	320	5	35	03	2	5	Ac	14.8	+1.0	23	31	+1	15	0	74	18	0	31	53
TANTA	270	2	35	01	1	2	As	15.0	+0.9	21	31	0	13	-1	83	18	0	23	41
ZAGAZIG	220	1	35	02	0	0	—	15.4	+1.3	18	34	+3	16	+2	95	18	0	Rain	26
ISMAILIA	220	2	35	01	1	4	Ac	14.8		24	34		17		69	18	0	17	
FAROUK (Airport)	360	5	10	03	1	6	Cu	15.5		20	34		16		77	16	0	Rain	
ALMAZA	10	4	15	01	2	5	Sc, Cu	15.1	+1.5	20	33		16		83	17	0	12	
EZBEKIYA																			25
GIZA	350	10	12	02	1	4	Cu, Ac	15.1	+1.5	21	34	+3	16	+3	74	16	0	11	25
HELWAN	00	0	15	00	0	1	As	15.4	+2.1	20	35	+4	16	0	73	15	0	12	28
FAIYUM	330	4	35	01	1	2	Ci	16.7	+1.6	21	36	+3	16	0	65	14	0	8	8
MINYA	350	11	12	02	1	3	Ci	14.6	+2.0	21	38	+4	17		61	13	0	3	
ASYUT MANQABAD	340	0	8	01	0	1	Ci	13.9	+1.5	22	39		19		61	14	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	12.3	+0.7	26	41	+6	19	+2	58	17	0	0.1	
QENA	290	2	15	00	0	0	—	11.5	+0.5	28	42	+5	24	+5	33	10	0	0	
LUXOR	160	3	30	00	0	0	—	10.8	-0.5	32	43		26		22	8	0	0	
ASWAN	360	5	50	01	1	3	Ci	11.1	0.0	31			22	0	22	7	0	0	
SIWA	140	5	14	00	0	0	—	16.6	+2.0	22	35	+2	17	+2	69	16	0	dr.	8
BAHARIYA	360	2	35	02	1	3	—	15.4	+1.7	20	37	+4	16	0	64	13	0	0	7
FARAFRA	360	1	35	02	0	0	—	15.4		24	37		23		47	12	0	dr.	
DAKHLA	40	2	50	00	0	0	—	14.4	+1.8	28	41	+4	23	+5	40	13	0	0	
KHARGA	40	1	15	03	1	2	Ci	12.6	+0.9	26	44	+7	20	+1	30	7	0	0	
SUEZ	310	3	50	00	0	2	Sc	13.6	+0.5	22	37	+6	18	+1	65	15	0	5	16
TOR																			13
HURGHADA	350	19	30	03	1	3	Cs	10.3	-1.1	25	31		22		74	20	0	dr.	
QUSEIR	360	9	15	00	0	3	Ci	10.7	-0.4	27			24	+2	55	17	0	dr.	4
PORT SUDAN	200	14	30	02	0	0	—	10.4		30	35				49	18	0	152	96
WADI HALFA											44								
ABU HAMAD	00	0	30	02	0	0	—			31	42		23		22	7	0		
KAREIMA											42								1
'ATBARA	210	6	30	01	0	1	Cc	9.8		30	42		23		22	6	0	0.3	4
KHARTUM																			5
KASSALA											42								14
WAD MEDANI																			16
RENK																			60
ROSEIRES																			63
EL OBEID											39								21
EL FASHER	360	2	18	02	0	1	Ci			26	40		22		23	3	0	6	8
GENEINA	50	2	30	02	0	0	—			26	40		18		20	1	0		10
MALAKAL	140	10	30	03	2	8	Ac, Cs	10.3		28	33		24		55	18	dr.	74	134
WAU	180	1	30	02	1	4	Ac, Ci	9.1		26	38		23		74	21	dr.	146	257
JUBA	180	5	30	03	1	3	Ac, Ci	10.0		29	37		23		55	19	dr.	261	335

HUMIDITY % Mean of day

Station	on 5th	Diff. from normal
Alexandria	84	+14
Ezbekiya		
Giza	57	+5
Helwan	39	+1

GIZA GRASS MINIMUM TEMP. ON 6th 12.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On 5th At 15h

Pressure mbs	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	88	31	33	310	13
950					
900					
850	1509	18	22	300	15
800					
700	3137	4	65	280	32
600					
500	5805	-9		300	61
400	7485	-23		300	71
300	9525	-38		300	78

AIRPORT On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 5th

Station	Matruh		Siwa		S. Barrani		Arish		Kharga		Asyut		Minya		Dakhla		Hurghada		P. Said				Minya		P. Said	
Time	14		14		14		14		14		14		14		14		14		14				20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	6	290	19	320	14	340	11	350	25	340	16	340	11	340	16			350	9			10	27	340	15
600	310	19	290	20	330	12	340	17	360	32	330	16	350	10	340	13			360	26			360	26	340	18
1000	320	7	290	25	330	10	300	19	360	30	340	15	350	14	340	18	120	11	360	22			360	16	340	14
1500			280	24	340	16	270	28			360	14	350	14			230	5	30	20			300	20	330	14
2000			290	15			270	23			350	15					280	12							320	15
3000			290								310	21													290	23
4000			300																							
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time			8		2		2						2	15	8		8						
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			240	4	360	12	310	4					10	22	330	8	330	7						
600			360	2	360	12	350	9					20	24	350	13	350	8						
1000			320	6	350	8	360	9					40	23	360	17	340	5						
1500			310	14	340	15	360	14					40	18	330	17	340	10						
2000			310	17			360	11							320	23	300	7						
3000			320	27											320	35								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8		8		8		8						4						4		4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	100	4	340	20	350	9	10	15																
600	100	11	350	20	350	9	10	20					70	11										
1000	110	3	350	8	360	12	20	22					50	11					310	11	230	7		
1500	10	8			350	12	30	19					50	13					50	15	200	11		
2000	350	10			330	24							50	15					40	19				
3000	300	16											30	15					360	23	140	5		
4000	260	22																						
5000	250	14											20	17					330	8				
6000	280	15											70	7										
7000																								
8000																								

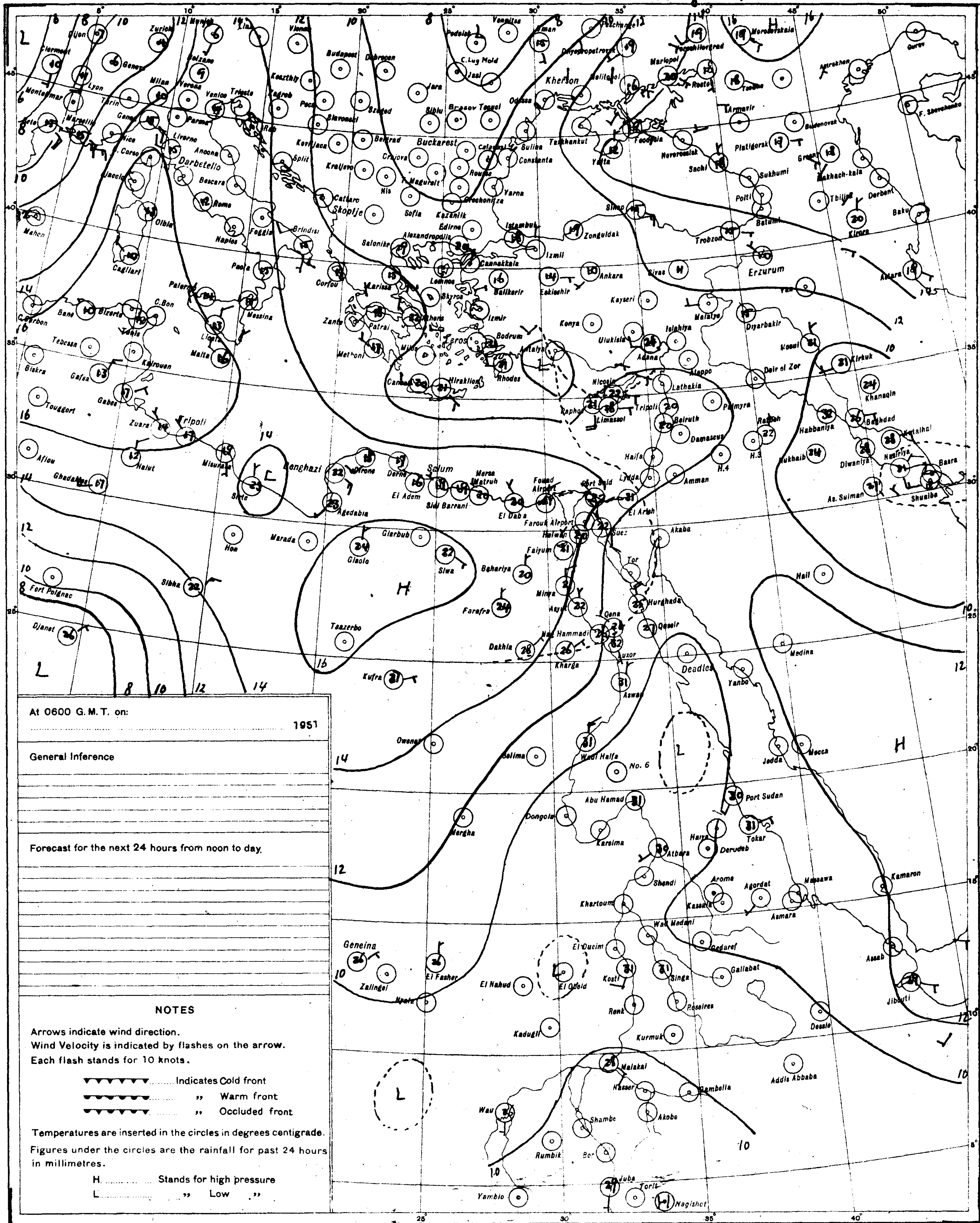
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 6/5/ 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

.... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (vis less than 1000 m.) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 08 G.M.T.
" " Sunset 16 35 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 7th May, 1951

At 1200 on Sunday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALÛM	220	9	35	02	2	8	As,Cs	13.6	29	23	6
	309	SÎDI BARÂNI											
	306	MATRÛH	360	8	18	02	2	8	CS	15.3	21	74	16
	309	EL DAB'A	40	5	35	03	2	8	st	14.5	24	61	16
		ALEXANDRIA	330	10	50	03	2	6	CS	15.4	23	65	16
	318	FOUAD (Airport)	330	8	18	02	2	6	CS	15.2	23	61	15
	330	DAMIETTA	340	2	35	02	1	5	ac	15.4	24	61	16
	333	PORT SAÏD	350	13	30	02	1	6	Ci	14.6	23	53	13
	330	EL 'ARISH	360	13	30	02	2	7	CS	14.5	23	65	16
Lower Egypt	338	DAMANHÛR	90	5	15	02	1	5	Ci	15.9	29	35	12
	342	MANSÛRA	40	5	35	03	2	6	ac	13.9	30	46	17
	343	TANTA	20	5	35	01	1	4	as	14.7	31	43	17
	354	ZAGAZIG	320	2	50	03	1	2	Ci	13.6	32	34	14
	440	ISMAÏLIA	360	2	35	03	1	6	ac	13.4	31	28	10
Cairo Area		FAROUK (Airport)	40	4	30	03	1	4	CS	13.9	30	33	12
	372	ALMÂZA	360	5	18	02	2	5	CS	13.2	29	29	7
		EZBEKÎYA											
		GÎZA	360	4	18	02	1	4	Cu, Ci	13.6	31	28	10
	378	HELWÂN	340	5	35	01	1	2	Ci	12.6	30	16	1
Upper Egypt	361	FAIYÛM	20	8	35	02	1	2	Ci	14.4	31	17	3
	387	MINYA	350	8	12	02	2	5	Ci	13.1	32	13	0
	393	ASYÛT MANQABÂD	350	12	30	03	1	4	Ci	11.7	33		
	399	NAG' HAMMÂDI	200	3	35	02	1	5	as	10.4	33	23	11
	402	QENA	290	2	50	03	1	5	as	9.1	38	9	0
	405	LUXOR	320	10	30	03	2	5	CS	9.3	36	13	4
	414	ASWÂN	340	5	50	03	2	5	as	9.0	38	13	5
Oases	417	SÎWA	270	10	14	02	1		Ci	16.7	33	32	14
	420	BAHARÎYA	40	5	35	02	2	7	CS	14.3	31	43	17
	423	FARAFRA	320	3	35	01	1	6	ac		32	20	6
	432	DAKHLA	340	5	50	03	1	4	Ci	11.8	33	21	8
	435	KHARGA	320	4	15	03	1	4	Ci	11.6	34	22	9
Red Sea	450	SUEZ	360	5	50	02	0	2	Sc	12.2	29	29	9
	459	TÔR	220	2	15	02	0	0	—	9.0	29	70	23
	462	HURGHÀDA											
	465	QUSEIR	20	9	15	03	1	4	Ci	10.6	28	62	20
	641	PORT SÛDÂN											
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	340	5	30	02	0	0	—		42	8	1
	660	KAREIMA	70	8	50	02	0	0	—	6.0	42	11	5
	680	'ATBARA	360	12	10	07	0	0	—	4.4	42	6	-2
	721	KHARTÛM	40	12	30	08	0	0	—	4.4	41	23	16
	730	KASSALA	70	3	30	02	1	1	ac, Ci	2.8	42	14	9
Central Sûdân	751	WÂD MEDANI											
	8[illegible]	RENK											
	80[illegible]	ROSEIRES	90	4	35	02	1	6	Cu	3.9	39	26	16
	77[illegible]	EL OBEID	70	5	30	03	1	4	ac,Cs	3.4	40	17	11
	76[illegible]	EL FÂSHER	70	4	30	03	0	1	Cu		39	12	4
	770	GENEINA	60	7	30	03	1	3	Cu		38	11	2
S. Sûdân	840	MALAKÂL											
	880	WÂU	70	7	30	03	2	7	Cb	5.1	37	33	18
	941	JUBA	360	9	35	03	2	7	Cb,ac	5.9	34	36	17

At 1800 on Sunday 6th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	250	2	15	00	0	0	—	11.9	26	42	12	0
SÎDI BARÂNI	130	10	13	00	1	0	—	12.8	20	69	14	0
MATRÛH	130	4	10	01	2	0	—	13.8	19	83	16	0
EL DAB'A	00	0	7	00	0	0	—	13.2	19	88	17	0
ALEXANDRIA	90	6	35	00	0	0	—	13.4	20	83	17	0
FOUAD (Airport)												
DAMIETTA	320	5	7	02	1	5	ac	14.7	21	83	18	0
PORT SAÏD	360	12	14	01	2	5	Ci	14.5	21	83	18	0
EL 'ARISH								13.5	21	74	16	0
DAMANHÛR	90	9	7	02	1	3	Ci	14.5	21	65	14	0
MANSÛRA	20	3		00	1	0	—	14.3	22	65	15	0
TANTA	00	0	35	03	2	7	Cu, as	15.1	21	83	18	0
ZAGAZIG	320	2	35	02	1	0	—	14.4	23	61	15	0
ISMAÏLIA	20	5	35	03	2	7	ac	15.1	24	47	12	0
FAROUK (Airport)												
ALMÂZA	60	16	12	02	2	7	as	13.9	25	42	11	0
EZBEKÎYA												
GÎZA	360	8	12	02	1	5	Ci	14.3	26	37	10	0
HELWÂN	360	16	7	03	2	8	as	13.5	26	37	10	0
FAIYÛM	360	2	35	01	1	1	Ci	14.6	26	30	7	0
MINYA	360	4	10	01	1	1	Ci	13.5	27			0
ASYÛT MANQABÂD	340	8	10	01	1	1	Ci	12.7	28	25	6	0
NAG' HAMMÂDI	290	2	15	01	1	4	as	11.4	29	29	9	0
QENA	320	2	7	02	1	5	as	10.3	32	10	-3	0
LUXOR												
ASWÂN												
SÎWA	270	3	10	02	2	5	As	14.7	20	78	16	0
BAHARÎYA	360	2	15	02	2	0	—	14.6	26	48	14	0
FARAFRA	360	1	15	02	0	0	—	15.0	26	27	5	0
DAKHLA												
KHARGA	360	1	15	00	0	0	—	12.2	29	14	-1	0
SUEZ	360	4	35	01	0	0	—	12.4	25	42	11	0
TÔR	180	5		02	0	0	—	9.1	27	70	21	0
HURGHÀDA	310	17	14	02	2	6	CS	9.1	27	62	19	0
QUSEIR	360	9	15	01	1	3	Ci	9.3	27	37	11	0
PORT SÛDÂN	150	4	30	02	0	0	—	8.0	28	62	20	0
WÂDI HALFA	360		30	02	0	0	—	8.1	35	14	4	0
ABU HAMAD	360	5	30	02	0	0	—		36	13	4	0
KAREIMA	340	7	30	02	0	0	—	6.8	36	15	6	0
'ATBARA	350	8	30	02	0	0	—	5.3	35	12	2	0
KHARTÛM	20	4	30	02	0	0	—	5.2	34	25	11	0
KASSALA	00	0	30	02	0	0	—	4.7	31	24	8	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	60	4	30	01	1	1	Ci	4.8	33	13	9	0
EL FÂSHER	60	5	30	02	0	1	ac		33	14	2	0
GENEINA	360	3	30	03	1	8	Cu, ac		35	14	4	0
MALAKÂL	180	4	30	13	8	7	Cb,ac	7.2	31	46	18	dr.
WÂU	290	1	30	13	8	7	Cb,as	6.5	31	46	18	dr.
JUBA	50	5	30	13	2	7	Cb,ac	6.9	31	46	18	0

At 0600 on Monday 7th May,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.
SALUM	320	9	15	03	2	6	Cs	12.3	-0.8
SÎDI BARÂNI	280	14	14	02	2	6	Cs	12.2	
MATRÛH	270	15	15	03	0	5	CS	12.1	-2.0
EL DAB'A	200	3	15	02	2	5	Sc	12.6	
ALEXANDRIA	180	11	50	03	2	2	as	13.7	-0.3
FOUAD (Airport)	160	8	18	03	0	2	Ci	13.7	
DAMIETTA	180	5	15	01	0	0	—	14.3	+0.6
PORT SAÏD	180	9	13	01	0	0	—	14.1	+1.3
EL 'ARISH	00	0	30	00	0	0	—	13.8	+0.2
DAMANHÛR	230	9	7	02	0	0	—	14.4	+0.5
MANSÛRA	180	5	35	00	0	0	—	14.0	+0.2
TANTA	180	2	35	02	0	0	—	15.5	+1.4
ZAGAZIG	220	7	35	02	0	0	—	15.9	+1.8
ISMAÎLIA	180	2	35	01	0	0	—	14.4	
FAROUK (Airport)	250	4	14	05	1	1	ac	14.9	
ALMÂZA	270	4	13	00	0	0	—	14.0	+0.5
EZBEKÎYA									
GÎZA	00	0	12	00	0	0	—	14.0	+0.5
HELWÂN	00	0	7	05	0	0	—	14.2	+0.9
FAIYÛM	00	0	35	01	0	0	—	15.6	+2.5
MINYA	00	0	8	00	0	0	—	14.8	+2.3
ASYÛT MANQABÂD	270	2	12	00	0	0	—	14.4	+2.0
NAG' HAMMÂDI	00	0	15	00	0	0	—	13.3	+1.7
QENA	320	1	15	00	0	0	—	12.8	+1.8
LUXOR	00	0	30	00	0	0	—	12.8	+1.6
ASWÂN	360	8	50	01	1	4	As	12.7	+1.6
SÎWA	180	3	14	02	0	2	Ci	15.9	+1.3
BAHARÎYA	00	0	35	02	0	0	—	15.2	+1.5
FARAFRA	220	1	35	02	0	0	—	14.8	
DAKHLA	00	0	50	00	0	0	—	15.2	+2.6
KHARGA	360	2	15	00	0	0	—	14.3	+2.6
SUEZ	00	0	50	00	0	0	—	13.1	+0.1
TÔR	310	24	15	02	0	0	—	9.8	-1.3
HURGHADA	330	19	30	02	1	1	Ci	11.1	-0.3
QUSEIR	360	13	15	02	0	0	—	10.9	-0.2
PORT SÛDÂN	20	10	30	03	0	1	ScCu	10.1	
WÂDI HALFA	360	8	50	03	0	5	CS	12.5	
ABU HAMAD	360	8	30	02	0	0	—		
KAREIMA	50	12	30	02	0	0	—	10.1	
'ATBARA	20	14	10	07	0	0	—	9.2	
KHARTÛM	10	13	30	02	0	0	—	8.0	
KASSALA	200	4	30	01	1	1	ac	7.9	
WÂD MEDANI	180	5	35	02	0	0	—		
RENK									
ROSEIRES	230	5	35	02	1	6	Cu	9.8	
EL OBEID									
EL FÂSHER	60	14	10	07	0	0	—		
GENEINA	100	7	30	01	0	2	ac		
MALAKÂL	180	7	30	02	8	7	ac	11.4	
WÂU	210	3	30	61	9	8	Ns, As	12.1	
JUBA	310	5	30	02	6	8	st,ac	12.0	

Station	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	23	30	+3	18	+1	61	15	0	90	
SÎDI BARÂNI	21			19		74	16	0	108	
MATRÛH	18	24		15		60	10	0	51	
EL DAB'A	22			14		47	10	0	54	
ALEXANDRIA	21	23	-2	18	+1	57	12	0	62	185
FOUAD (Airport)	23			13		61	15	0	63	138
DAMIETTA	22	25	0	15	-2	74	17	0	Rain	104
PORT SAÏD	22	24		18		78	18	0	18	
EL 'ARISH	21	24	-2	14	0	65	14	0	Rain	92
DAMANHÛR	23	30	+1	16	+2	50	12	0	35	99
MANSÛRA	24	32	+2	15	0	61	16	0	31	53
TANTA	24	31	0	14	0	61	16	0	23	41
ZAGAZIG	24	34	+3	17	+3	54	14	0	Rain	26
ISMAÎLIA	25	31		17		54	15	0	17	
FAROUK (Airport)	23			19		50	12	0	Rain	
ALMÂZA	25	30		18		42	11	0	12	
EZBEKÎYA										25
GÎZA	26	31	0	13	0	42	12	0	11	25
HELWÂN	23	31	0	19	+2	38	8	0	12	28
FAIYÛM	24	32	-1	17	+1	54	14	0	8	8
MINYA	25	32		14		42	11	0	3	
ASYÛT MANQABÂD	25	34		18		39	10	0	dr.	
NAG' HAMMÂDI	27	35	0	18	+1	42	13	0	0.1	
QENA	29	40	+3	21	+2	25	7	0	0	
LUXOR	29			22		20	4	0	0	
ASWÂN	27			24	+2	27	6	0	0	
SÎWA	26	34	+1	17	+2	51	15	0	dr.	8
BAHARÎYA	27	33	0	17	+1	52	16	0	0	7
FARAFRA	23	37		22		27	3	0	dr.	
DAKHLA	24	35	-2	20	+2	26	3	0	0	
KHARGA	27	35	-2	21	+1	27	6	0	0	
SUEZ	24	32	+1	17	-1	54	14	0	5	16
TÔR	24	32	+2	22	+3	69	18	0	4	13
HURGHADA	26	32		22		70	20	0	dr.	
QUSEIR	27	29	-1	23	+1	52	16	0	dr.	4
PORT SÛDÂN	30	34		22		66	23	0	152	96
WÂDI HALFA	27	42		21		17	0	0	dr.	
ABU HAMAD	33	43		22		9	-4	0		
KAREIMA	32	43		23		16	3	0	dr.	1
'ATBARA	33	42		25		10	-2	0	0.3	4
KHARTÛM	35	44		25		29	14	0	dr.	5
KASSALA	33	43		23		26	11	0	3	14
WÂD MEDANI	30	42		23		19	4	0	46	16
RENK										61
ROSEIRES	29	41		27		52	18	0	dr.	65
EL OBEID										21
EL FÂSHER	32	39		23		15	2	0	6	8
GENEINA	26	39		21		15	-3	0		10
MALAKÂL	25	39		23		70	19	2	76	136
WÂU	25	39		22		84	22	14	160	261
JUBA	27	37		25		70	21	1	262	340

HUMIDITY % Mean of day

Station	on 6th	Diff. from normal
Alexandria	83	+13
Ezbekîya		
Gîza	55	+3
Helwân	51	+13

GÎZA
GRASS MINIMUM TEMP. ON 7th 10.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT On 6th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	114	30	25	360	8
950					
900					
850	1531	11	63	350	8
800					
700	3151	8		330	13
600					
500	5838	-8		280	40
400	7524	-21		270	49
300	9573	-38		290	53

(Two further Rawinsonde blocks, "... AIRPORT On ... At ...", pressure levels 1000–300 mbs, are blank.)

UPPER WIND OBSERVATIONS on 6th

Station	Matruh		Port Said		Minya		Asyut		Siwa		Kharga		Dakhla		El Arish				Minya		Port Said		Farouk A.P		Fouad A.P	
Time	14		14		14		14		14		14		14		14				20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	6	330	9	340	18	320	16	310	16	360	18	350	9	320	13			360	23	340	16	70	17	10	6
600	250	18	320	10	350	27	320	16	310	15	360	23	360	10	320	10			360	18	340	14	50	12	310	10
1000	250	19	310	10	350	27	340	16	300	20	340	22	350	12	320	11			360	20	300	9	10	15	290	19
1500	250	26	300	3	350	20	330	18	300	30			350	16	320	6			330	19	270	9	310	25	260	24
2000			350	4	330	22			300	40											260	8	290	19	310	24
3000			300	19					40	30																
4000			310	17					310	27																
5000									10																	
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saïd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			4		3		3						2	15							7	15		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			270	16	350	8	160	10					50	20							330	16		
600			270	20	250	9	100	3					20	16							330	10		
1000			260	13	270	13	320	18					340	21							320	6		
1500					300	14	310	14					350	25							250	11		
2000													340	27							240	17		
3000													320	20							310	22		
4000																					320	36		
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									4				4											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									10	14														
600									10	28			40	24										
1000									360	20			40	20										
1500									10	14			50	19										
2000									320	26														
3000													40	17										
4000													290	14										
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

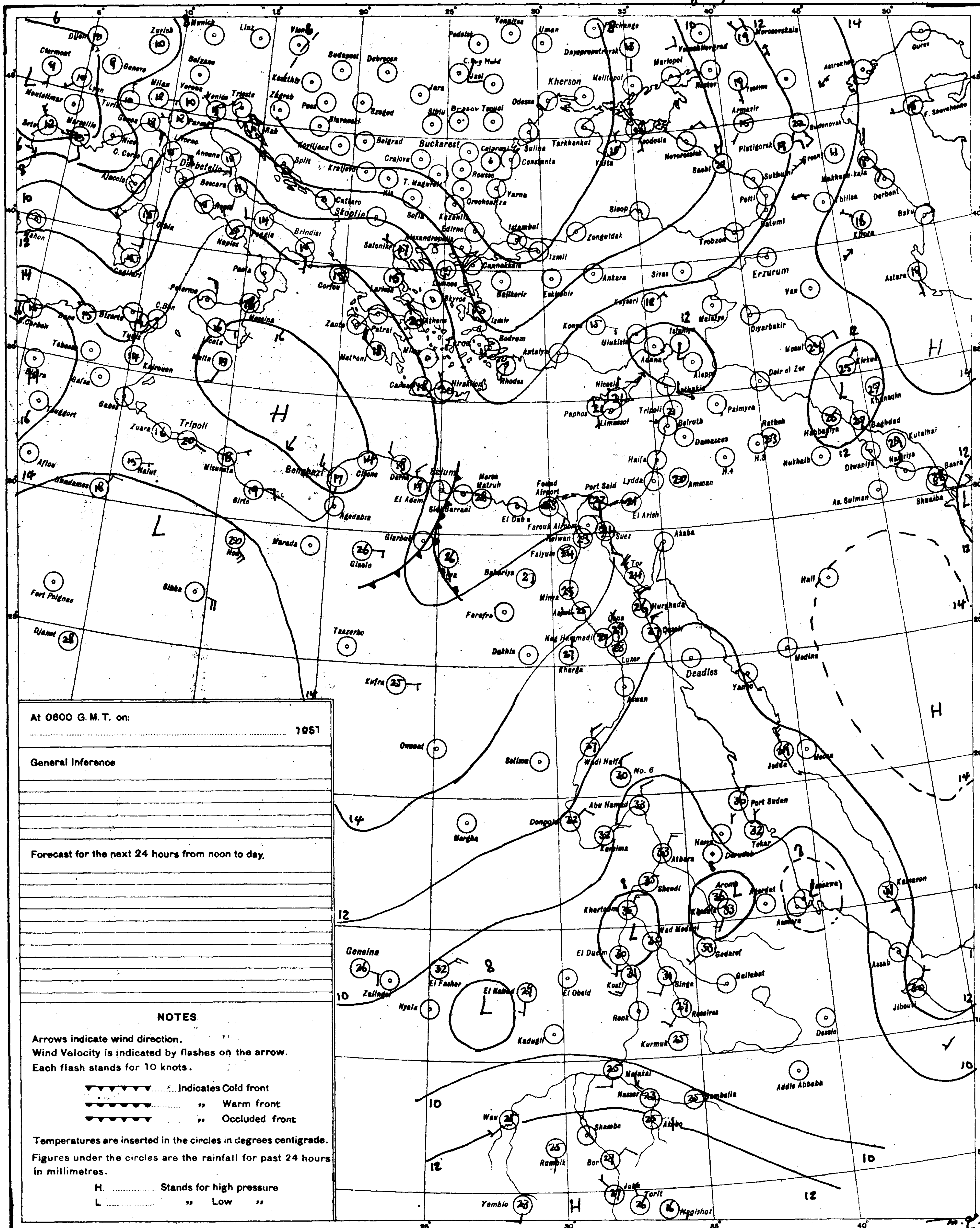
Printed by the Survey of Egypt 1949 (49/55?) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *monday 7/5/1951*



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

..........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during	91
Hail	the past hour	93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 8th May, 1951

CAIRO
Time of Sunrise 03 07 G.M.T.
" " Sunset 16 36 G.M.T.

At 1200 on Monday 7th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Salum											
Sidi Barani	320	10	15	02	2	7	Sc,As	14.3	21	74	16
Matruh	340	16	6	07	0	2	Cc	13.3	22	78	18
El Daba	320	3	35	02	1	4	Cu	13.3	27	52	16
Alexandria	180	10	50	03	2	4	Ci	12.6	29	35	12
Fouad (Airport)	260	8	18	01	2	5	Ci	12.3	32	31	13
Damietta	20	2	35	03	0	3	Ac	13.8	29	40	14
Port Said	60	8	30	02	0	1	Ci	13.4	26	55	16
El Arish											
Damanhur	310	5	15	02	0	0	—	13.1	34	27	12
Mansura	320	5	35	00	0	0	—	12.7	33	38	17
Tanta	00	0	35	03	2	5	Ci	12.3?	33	30	13
Zagazig	220	2	50	03	1	3	Ci	12.7	33	30	13
Ismailia	40	2	35	03	1	6	Ci	12.8	33	21	8
Farouk (Airport)	340	5	30	02	2	5	Cs	12.5	32	20	6
Almaza	340	8	15	02	1	5	Cs	12.0	32	20	6
Ezbekiya											
Giza	310	4	18	02	1	6	As,Ci	13.1	33	15	3
Helwan	290	5	15	03	2	6	Ci	12.7	32	15	2
Faiyum	00	0	35	03	2	5	Ci	12.5	34	22	9
Minya	10	20	10	03	1	2	Ci	12.0	34	14	3
Asyut Manqabad	350	12	30	00	0	0	—	11.7	35	16	6
Nag Hammadi	00	0	35	02	1	4	Ac	10.7	34	27	12
Qena	40	2	50	00	0	0	—	10.7	38	9	0
Luxor	340	13	30	00	0	0	—	9.7	38		
Aswan	340	10	50	00	0	0	—	9.8	37	11	2
Siwa	270	11	14	03	0	4	Ac	14.3	36	18	8
Bahariya	320	7	35	02	1	3	Ci	13.0	35	32	16
Farafra	40	1	35	02	0	0	—	12.7	34	14	3
Dakhla	340	8	50	00	0	0	—	12.0	36	17	7
Kharga	40	4	15	00	0	0	—	11.5	35	11	0
Suez	150	3	50	03	0	5	Sc	11.8	30	21	5
Tor	310		35	02	0	0	—	11.2	28	49	16
Hurghada	360	12	30	03	0	1	Cs	11.2	27	70	21
Quseir	20	9	15	02	0	0	—	10.2	28	52	17
Port Sudan	50	10	30	01	0	0	—	9.2	29	79	25
Wadi Halfa	300	14	50	01	1	0	—	9.6	38	10	1
Abu Hamad	360	6	30	02	0	0	—		41	3	2
Kareima	20	11	50	02	0	0	—	6.5	42	14	9
Atbara	10	16	10	07	0	1	Cs	4.3	42	8	1
Khartum	40	12	30	02	0	0	—	4.1	43	20	15
Kassala	270	3	30	03	0	1	Ac	2.1	44	13	10
Wad Medani											
Renk	270	9	35	02	1	3	Ci	1.9	39	20	12
Roseires	230	9	35	02	1	7	Cu	4.7	38	29	17
El Obeid											
El Fasher	70	14	10	03	0	1	Cu		39	10	2
Geneina	70	15	30	03	0	2	Cu		39	8	-1
Malakal	160	6	30	01	2	6	Cu,Ac	7.2	36	31	16
Wau											
Juba											

At 1800 on Monday 7th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs. mms.
Salum	200	2	15	00	0	2	As	13.6	20	64	13	0
Sidi Barani	00	0	14	01	5	2	As	14.1	18	78	14	dr.
Matruh	320	1	10	01	1	4	Sc,Cu	13.3	18	94	17	0
El Daba	320	6	7	13	2	6	Sc	13.5	20	88	18	0
Alexandria	310	15	35	00	0	0	—	13.4	22	74	17	0
Fouad (Airport)												
Damietta	140	5	7	02	0	2	Ac	12.7	24	74	19	0
Port Said	100	11	18	02	1	5	Ci	12.2	23	74	18	0
El Arish												
Damanhur	230	5	15	02	0	0	—	13.2	24	61	16	0
Mansura	90	3		00	0	0	—	12.3	25	61	17	0
Tanta	00	0	35	02	1	0	—	12.9	27	52	16	0
Zagazig	220	1	35	03	1	3	Ci	11.6	27			0
Ismailia	70	2	35	01	0	0	—	12.2	27	33	4	0
Farouk (Airport)												
Almaza												
Ezbekiya	00	0	12	02	1	1	Ci	12.0	26	45	13	0
Giza	00	0	12	02	1	1	Ci	12.4	25	47	13	0
Helwan	00	0	15	01	1	2	Ci	11.8	29	23	6	0
Faiyum	00	0	35	01	0	0	—	12.4	27	52	16	0
Minya	00	0	8	00	1	0	—	12.3	27	33	9	0
Asyut Manqabad	00	0	10	00	0	0	—	12.1	30	24	7	0
Nag Hammadi	00	0	15	01	0	3	As	10.7	32	29	12	0
Qena	360	1	7	00	0	0	—	9.8	32	20	6	0
Luxor	320	0	12	00	0	0	—	9.3	32	12	-1	0
Aswan	00	0	50	00	0	0	—	10.2	33	12	0	0
Siwa	00	0	10	01	2	4	As	12.8	30	31	11	0
Bahariya												
Farafra	360	1	15	02	0	0	—		27	30	8	0
Dakhla	00	0	50	00	0	0	—	11.9	32	22	8	0
Kharga	00	0	15	00	0	0	—	11.6	30	16	1	0
Suez	00	0	35	01	0	0	—	10.2	28	33	10	0
Tor	340			02	0	0	—	10.3?	27			0
Hurghada	320	7	12	00	0	0	—	9.7?	26	49	11	0
Quseir	20	1	15	02	0	0	—	10.4	27	37	11	0
Port Sudan	20	7	30	02	0	0	—	10.0	27	79	23	0
Wadi Halfa	340	13	50	02	0	0	—				2	0
Abu Hamad	360	3	50	02	0	0	—		34			0
Kareima	360	12	30	02	0	0	—		37	17	8	0
Atbara	360	11	30	02	0	0	—	4.9	35	16	6	0
Khartum	10	9	30	02	0	0	—	4.8	35	25	12	0
Kassala	00	0	30	01	0	0	—	3.9	30	27	9	0
Wad Medani												
Renk												
Roseires												
El Obeid	00	0	30	02	0	0	—	4.6	34	19	7	0
El Fasher	90	3	10	02	0	0	—		33	15	3	0
Geneina	90	3	30	01	0	1	Ac		34	16	5	0
Malakal	150	3	30	01	1	2	Ac	7.0	31	38	15	0
Wau			30	01	0	1	Ci				20	dr.
Juba		2	30	03	2	3	Cb	8.8	28	66	21	1

At 0600 on Tuesday 8th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb °C.	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
Salum	70	5	15	01	1	4	Cu,Cs	13.5	+0.4	21	26?	-1	17	+1	74	16	0	90	
Sidi Barani	120	6	14	02	1	2	Sc,As	13.4		20	22		15		69	14	dr.	108	
Matruh	130	5	18	01	1	4	Cu	14.0	-0.1	20	24		14		78	16	0	51	
El Daba	00	0	15	01	1	3	Cu	13.9		24			16		69	18	0	54	
Alexandria	40	10	50	01	1	2	Ac	14.6	+0.6	21	32	+7	19	+2	83	18	0	62	185
Fouad (Airport)	360	7	18	03	0	1	Ac	14.7		22			19		78	18	0	63	138
Damietta	320	2	15	00	0	0	—	14.8	+1.2	23	30	+4	19	+2	74	18	0	Rain	104
Port Said	360	5	12	03	0	7		14.4	+1.7	22	28		22		89	20	0	18	
El Arish																			42
Damanhur	40	9	15	02	0	0	—	14.6	+0.7	23	35	+6	18	+3	65	16	0	35	99
Mansura	360	5	35	00	0	0	—	14.4	+0.6	24	34	+4	19	+4	69	18	0	31	53
Tanta	310	2	35	02	0	0	—	14.2	+0.2	24	34	+3	17	+3	69	18	0	23	41
Zagazig	220	1	35	03	1	7	Ac	14.6	+0.6	23	34	+3	18	+4	74	18	0	Rain	26
Ismailia	320	2	35	01	0	0	—	14.2		24	34		20		69	18	0	17	
Farouk (Airport)	300	4	12	00	0	0	—	15.2		23			20		57	14	0	Rain	
Almaza	00	0	12	01	0	1	Ci	14.8	+1.3	24			20		69	18	0	12	
Ezbekiya	00	0	12	00	0	0	—	15.2	+1.7	24	34	+3	20	+4	61	16	0	11	25
Giza	00	0	12	00	0	0	—	14.8	+1.3	24	35	+3	18	+5	61	16	0	11	25
Helwan	00	0	7	05	1	1	Ci	15.1	+1.8	24	33	+2	21	+4	54	14	0	12	28
Faiyum	00	0	15	03	1	2	Ci	15.6	+2.5	25	35	+2	20	+4	42	11	0	8	8
Minya	00	0	8	00	0	1	Ci	14.7	+2.2	28	38		18		33	10	0	3	
Asyut Manqabad	00	0	10	00	0	0	—	14.8	+2.4	28	36		20		27	7	0	dr	
Nag Hammadi											38	+2							
Qena	360	1	15	00	0	0	—	14.4	+3.5	26	40	+3	22	+3	48	14	0	0	
Luxor	00	0	31	00	0	0	—	13.6	+2.4	30	39		20		17	2	0	0	
Aswan	00	0	50	00	0	0	—	13.9	+2.9	28	38	0	20		27	7	0	0	
Siwa	140	16	14	02	2	7	Ci	13.5	-1.1	28	38	+5	22	+7	33	10	0	dr.	8
Bahariya	90	5	35	02	1	5	Cs	14.4	+0.8	28			21	+5	40	13	0	0	7
Farafra	00	0	15	02	0	0	—	15.2		27	38		20		33	9	0	dr.	
Dakhla	00	0	50	00	0	0	—			27	36	-1	20	+2	27	6	0	0	
Kharga	00	0	15	00	0	0	—	13.5	+1.9	28	36	-1	21	+1	33	10	0	0	
Suez	360	5	50	00	0	0	—	13.5	+0.5	25	34	+3	21	+3	54	15	0	5	16
Tor	310	2	7	02	0	0	—	13.0	+2.0	30	32	+2	22	+3	40	15	0	4	13
Hurghada	310	2	30	02	0	1	Ci	12.4	+1.1	28	29		22		52	17	0	dr.	
Quseir	330	9	15	02	0	0	—	13.1	+2.1	30	30	0	22	0	31	11	0	dr.	4
Port Sudan	20	2	30	02	0	0	—	11.3		31	31		21		55	21	0	152	76
Wadi Halfa	20	5	30	02	0	0	—	13.5		27	41		22		22	3	0	dr.	
Abu Hamad	360	5	30	02	0	0	—			31	42		25		29	-1	0		
Kareima	20	13	50	02	0	0	—	11.1		32	43		27		24	9	0	dr.	1
Atbara	340	11	30	02	0	0	—	9.5		31	42		24		24	8	0	0.3	4
Khartum	20	16	30	02	0	1	Ac	8.4		33	43		26		32	14	0	dr.	5
Kassala											44								15
Wad Medani	130	5	35	02	0	0	—	8.7		32	43		27		17	4	0	46	17
Renk	130	5	35	02	1	4	Ac			31	40		28		38	15	0		62
Roseires																			66
El Obeid	280	7	30	02	0	0	—	9.7		30	41		23		38	14	0	7	22
El Fasher	00	0	30	03	0	1	Ac,Ci			26	40		22		45	13	0	6	9
Geneina	00	0	30	03	0	1	Cs			27	41		21		42	13	0		11
Malakal	230	3	30	02	2	7	Ac	10.7		28	37?		25		66	21	0	76	138
Wau	230	2	30	02	1	3	Ac,Cs	7.3		26	32?		23		70	20	dr.	160	265
Juba	180	5	30	03	1	6	Ac,Cs	12.1		27	34		23		70	21	1	263	345

Humidity — Mean of day

Station	7th	Diff. from normal
Alexandria	67	-3
Ezbekiya		
Giza	43	-7
Helwan	31	-7

GIZA
Grass minimum temp. on 8th 14.3°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent. On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT On 7th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	115	33	20	290	4
950					
900					
850	1546	19	32	280	9
800					
700	3170	6		300	22
600					
500	5847	-10		290	36
400	7533	-21		290	43
300	9586	-33		290	64

AIRPORT On At (no entries; pressures 1000–300 mbs.)

AIRPORT On At (no entries; pressures 1000–300 mbs.)

UPPER WIND OBSERVATIONS on 7th

Height m.	El Arish (14) Dir.	Vel.	Matruh (14) Dir.	Vel.	Port Said (14) Dir.	Vel.	Minya (15) Dir.	Vel.	Asyut (14) Dir.	Vel.	Siwa (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	Hurghada (14 15) Dir.	Vel.	S. Barrani (14) Dir.	Vel.	Farouk AP. (20) Dir.	Vel.	Minya (20) Dir.	Vel.	Port Said (20) Dir.	Vel.
300	320	13	300	20	360	10	20	10	340	11	290	14	350	9	10	13	10	21	10	9	320	29	80	4	120	7
600	320	13	280	20	330	23	20	11	330	10	290	15	350	5	10	18	10	26	300	11	310	24			120	9
1000	340	14	280	30	320	3	10	9	360	8	300	13	20	10	20	19	10	25	300	15	300	17	320	5	200	22
1500			290	47	330	5			340	12	310	26					30	22	280	25	290	28	320	10		
2000			280	30	320	5			310	19	310	23					30	16	280	29	280	34	320	16		
3000					270	2			300	22	320	17					10	13								
4000					220	1																				
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Height m.	Sidi Barani Dir.	Vel.	Matruh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said (2) Dir.	Vel.	El Arish Dir.	Vel.	Helwan Dir.	Vel.	Minya (2) Dir.	Vel.	Asyut Manqabad Dir.	Vel.	Luxor Dir.	Vel.	Aswan Dir.	Vel.	Hurghada Dir.	Vel.	Farouk (3) Dir.	Vel.
300							300	17					30	13									290	11
600							320	12					30	11									320	15
1000							320	10					360	16									320	32
1500							300	19					340	10									310	34
2000							300	20					340										300	
3000																							300	
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wadi Halfa (4) Dir.	Vel.	Abu Hamad (4) Dir.	Vel.	Kareima (4) Dir.	Vel.	Khartum (5) Dir.	Vel.	Kassala (3) Dir.	Vel.	El Obeid Dir.	Vel.	El Fasher (5) Dir.	Vel.	Malakal (3) Dir.	Vel.
300									360	13														
600									10	34	10	27	40	30	40	21	30	9					200	15
1000									10	34	30	17	30	27	30	36	130	1			40	11	200	14
1500									360	21	30	12	330	14	10	30	80	4			70	23	150	24
2000																					50	42	120	7
3000									350	39	350	5	330	15	50	5	10	10			70	32	40	23
4000											330	4	350	21										
5000													330	11										
6000													260	9										
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

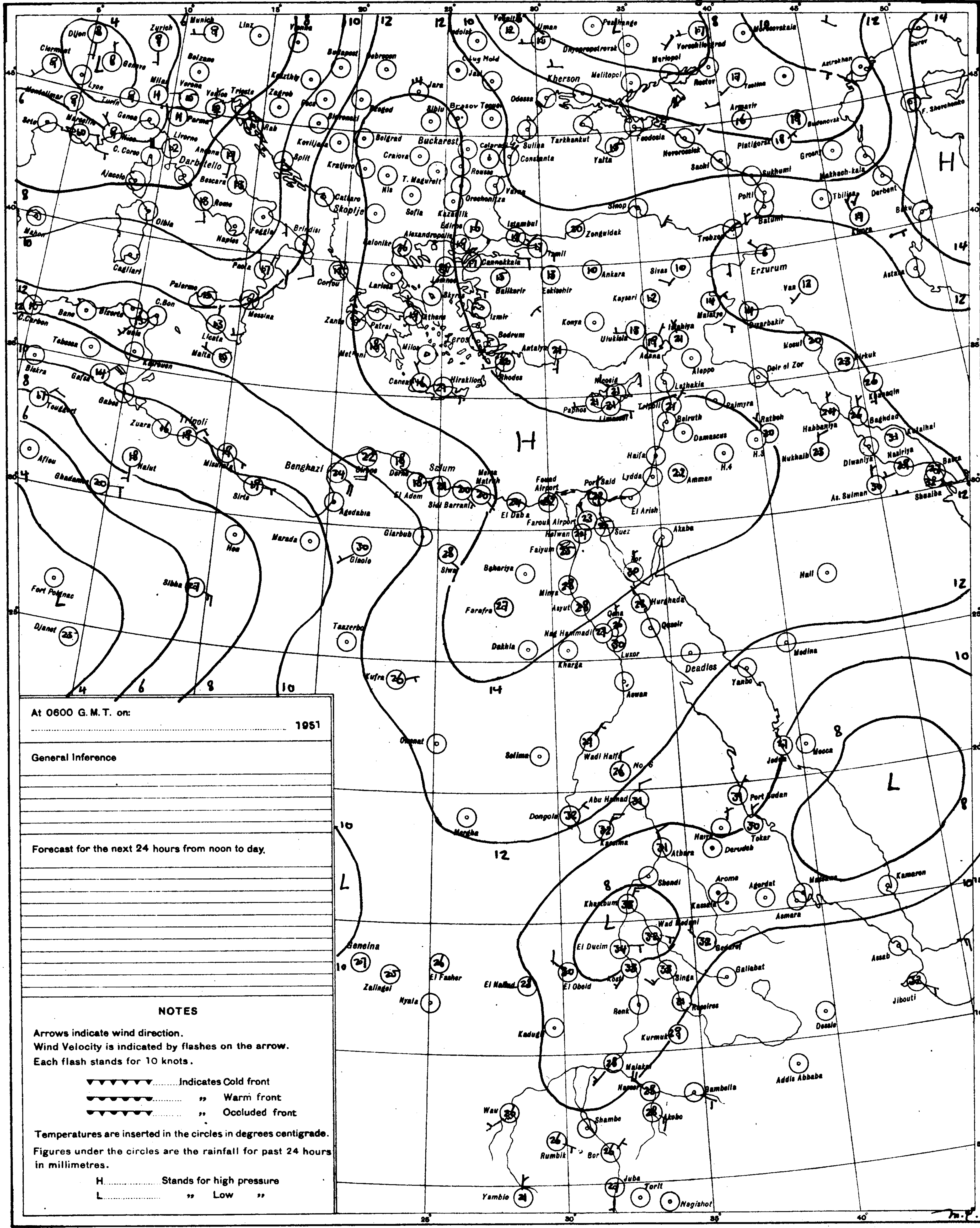
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/55?) (50/56?)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 8/5/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... „ Warm front
▼●▼●▼●▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- „ or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- „ „ hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
„ „ hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
„ „ hail 96
„ „ Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th „ „ „ 2
3/8 „ „ „ „ 3
4/8 „ „ „ „ 4
5/8 „ „ „ „ 5
6/8 „ „ „ „ 6
7/8 „ „ „ „ 7
Sky completely covered 8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 06 G.M.T.
" " Sunset 16 37 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 9th May, 1951

At 1200 on Tuesday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
MEDITERRANEAN	62300	SALÛM	40	9	35	02	1	5	ac,cs	12.7	22	65	15
	303	SÎDI BARÂNI	70	12	18	03	1		cu,sc	12.6	23	65	16
	306	MATRÛH	110	14	15	03	1	4	ac,cs	13.9	26	42	12
	309	EL DABʿA	40	8	35	02	1	4	cu	14.4	24	54	14
		ALEXANDRIA	40	15	50	03	2	3	ac	14.8	22	74	17
	318	FOUAD (Airport)	350	10	18	02	1	1	ci	14.9	26	51	15
	330	DAMIETTA	360	5	35	02	0	0	—	15.5	25	47	13
	333	PORT SAʿÎD	10	12	30	02	0	0	—	15.0	25	70	19
	336	EL ʿARISH	360	14	30	00	0	0	—	14.8	24	61	16
LOWER EGYPT	339	DAMANHUR	270	5	15	02	0	0	—	15.0	31	31	12
	342	MANṢURA	360	5	35	00	0	0	—	14.2	32	49	20
	348	TANTA	310	2	35	02	0	0	—	15.1	32	34	14
	354	ZAGAZIG	220	1	50	02	1	0	—	14.8	33	38	17
	440	ISMAʿILÎA	290	2	35	02	0	0	—	13.5	32	34	14
CAIRO AREA	366	FAROUK (Airport)	290	7	30	02	1	2	sc	14.4	33	28	12
	372	ALMÂZA	290	5	15	01	1	1	sc	13.7	32	34	14
		EZBEKÎYA	00	0	18	02	1	3	ac,ci	14.0	32	36	15
		GÎZA	00	0	18	02	1	3	ac,ci	13.5	33	30	13
	378	HELWÂN	320	11	35	03	1	4	ci	13.8	32	28	11
UPPER EGYPT	381	FAIYÛM	360	6	35	03	2	6	ci	13.7	34	27	12
	387	MINYA	00	0	10	03	1	4	ac	12.5	36	20	10
	393	ASYÛT MANQABÂD	00	0	30	03	1	4	ci	12.2	37	20	11
	399	NAGʿ HAMMÂDI	00	0	35	00	0	0	—	12.2	35	29	14
	402	QENA	320	2	50	00	0	0	—	12.0	39	17	10
	405	LUXOR	340	13	30	00	0	0	—	11.0	38	11	2
	414	ASWÂN	340	10	35	00	0	0	—	11.0	37	11	2
OASES	417	SÎWA	140	16	2	07	3	7	Cc	12.6	38	21	12
	420	BAHARÎYA	180	3	35	02	2	7	ac	12.7	37	31	17
	423	FARAFRA	130	L	35	01	1	2	ac	13.3	38	13	5
	432	DAKHLA	340	5	50	00	0	0	—	12.3	39	21	13
	435	KHARGA	40	2	35	00	0	0	—	12.3	38	19	11
RED SEA	450	SUEZ	180	3	50	01	0	0	—	12.3	31	31	12
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	20	9	15	02	0	0	—	11.7	30	40	15
	641	PORT SÛDÂN	50	12	30	02	0	0	—	9.4	32	36	15
NORTH SÛDÂN	600	WÂDI HALFA	20	18	30	02	0	0	—	9.6	39	8	-2
	640	ABU HAMAD	40	3	30	02	0	0	—		39	8	-2
	660	KAREIMA	50	9	30	03	0	0	—	7.3	40	15	9
	680	ʿATBARA	360	9	30	02	0	0	—	4.6	40	11	4
	721	KHARTÛM	10	12	15	06	0	0	—	4.5	42	22	16
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	330	13	35	02	1	3	cu	5.1	39	20	12
	771	EL OBEID											
	760	EL FÂSHER	90	12	30	03	1	3	ac,cc		39	8	-2
	770	GENEINA	90	10	30	03	1	4	cu,ac		38	9	-1
S. SÛDÂN	840	MALAKÂL	310	2	1	03	2	6	cu,ac	6.5	37	40	21
	880	WÂU	90	7	0	03	2	7	st	5.6	35	37	18
	941	JUBA	160	5	10	03	2	7	cu,cs	5.9	37	33	18

At 1800 on Tuesday 8th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	40	9	15	01	1	3	cs	12.0	21	74	16	0
SÎDI BARÂNI	90	19	13	02	1	5	as	11.6	20	83	17	0
MATRÛH	140	9	15	01	1	0	—	13.5	20	69	14	0
EL DABʿA												
ALEXANDRIA	40	10	35	01	2	2	ac	15.1	21	65	14	0
FOUAD (Airport)	40	10	12	02	1	2	ci	14.3	21	74	16	0
DAMIETTA	20	2	7	02	0	0	—	15.5	22	74	17	0
PORT SAʿÎD												
EL ʿARISH	00	0			0	0	—	15.5	20	78	16	0
DAMANHUR	230	9	15	02	0	0	—	15.4	22	65	15	0
MANṢURA	40	5		00	0	0	—	15.6	23			0
TANTA												
ZAGAZIG	320	4	35	02	0	0	—	15.5	25	54	15	0
ISMAʿILÎA	20	5	35	01	0	0	—	14.8	24	47	12	0
FAROUK (Airport)												
ALMÂZA	60	13	12	02	1	3	as,cs	13.8	30	31	11	0
EZBEKÎYA	40	10	12	00	0	0	—	14.2	28	45	15	0
GÎZA	40	10	12	00	0	0	—	14.3	29	35	12	0
HELWÂN	360	4	7	02	2	4	cc	13.8	30	31	11	0
FAIYÛM	00	0	35	02	2	6	ci	14.2	29	40	14	0
MINYA	40	5	8	02	2	6	ci	12.6	28	37	12	0
ASYÛT MANQABÂD	330	3	10	01	1	4	cs	13.0	31	29	11	0
NAGʿ HAMMÂDI	00	0	15	02	1	4	ac	11.5	31	43	17	0
QENA	320	1	7	00	0	0	—	11.1	35	19	8	0
LUXOR	360	3	12	03	2	5	cs	10.6	32	18	5	0
ASWÂN	320	3	50	00	0	0	—	10.7	34	10	-2	0
SÎWA												
BAHARÎYA												
FARAFRA												
DAKHLA												
KHARGA												
SUEZ	360	3	35	02	0	0	—	14.0	26	42	12	0
TÔR												
HURGHÂDA	320	16	12	01	2	7	cs	10.5	29	70	23	0
QUSEIR	20	5	15	00	0	0	—	10.5	29	52	18	0
PORT SÛDÂN	310	2	30	02	0	0	—	10.6	27	62	19	0
WÂDI HALFA	20	10	30	02	0	0	—	10.9	34	14	3	0
ABU HAMAD	340	4	30	02	0	0	—		33	10	-3	0
KAREIMA	10	10	30	02	0	0	—	7.5	35	20	9	0
ʿATBARA	340	8	30	02	0	0	—	5.9	34	12	1	0
KHARTÛM	340	5	30	02	0	0	—	5.3	35	27	13	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	80	5	30	02	0	1	ci		33	14	2	0
GENEINA	90	3	30	01	1	1	ac		33	12	0	0
MALAKÂL												
WÂU												
JUBA	50	18	7	98	9	8	cb	10.4	26	84	23	9

At 0600 on Wednesday 9th May,

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	180	2	15	03	2	8	as	11.2	-1.8	23	24	-3	18	+2	65	16	0	90	
SÎDI BARÂNI	100	11	14	02	2	8	as	10.9		21	23		18		61	13	0	108	
MATRÛH	140	12	14	03	1	4	cs	13.0	-1.1	23	27		18		50	12	0	51	
EL DABʿA																			
ALEXANDRIA	130	11	35	03	2	6	ac	14.8	+0.8	23	28	+3	18	+1	50	12	0	62	125
FOUAD (Airport)	110	10	18	02	1	5	cs	14.8		24	27		18		61	16	0	63	138
DAMIETTA	10	5	7	03	1	6	ac	14.7	+1.1	22	25	-1	19	+2	83	19	0	Rain	104
PORT SAʿÎD																			
EL ʿARISH											26	0							92
DAMANHÛR	90	9	7	02	1	2	ci	15.6	+1.8	24	32	+3	17	+2	61	16	0	35	99
MANṢÛRA	90	9	35	02	1	3	ac	15.1	+1.3	25	34	+3	17	+2	54	15	0	31	53
TANTA																			41
ZAGAZIG	40	4	35	02	0	0	—	15.0	+1.0	24	35	+4	18	+4	54	14	0	Rain	26
ISMAÎLIA	90	2	35	03	1	4	cs	14.8		24	33		18		32	6	0	17	
FAROUK (Airport)	110	10	12	03	0	3	cs	14.6		28			21		25	6	0	Rain	
ALMÀZA	70	5	15	03	0	1	cs	13.9	+0.5	29	33		22		14	-1	0	12	
EZBEKÎYA	00	0	12	02	1	2	ci	14.2	+0.8	28	33	+1	21	+5	35	11	0	11	25
GÎZA	00	0	12	02	1	2	ci	13.9	+0.4	27	35	+3	17	+3	33	9	0	11	25
HELWÀN	40	3	7	00	1	2	ci	14.2	+1.0	25	33	+1	22	+4	42	11	0	12	28
FAIYÛM	00	0	35	01	0	0	—	13.8	+0.7		35	+2	21	+5	48	14	0	8	8
MINYA	140	4	10	00	0	0	—	13.1	+0.6	30	36		19		25	8	0	3	
ASYÛT MANQABÂD	60	3	10	00	0	0	—	13.1	+0.8	30	38		23		27	9	0	dr.	
NAGʿ HAMMÂDI											39	+3							
QENA	40	1	15	00	0	0	—	12.8	+1.9	30	41	+3	25	+6	31	11	0	0	
LUXOR	10	4	30	00	0	0	—	12.6	+1.5	32	40		24		22	8	0	0	
ASWÀN	00	0	50	00	0	0	—	12.7	+1.7	30	38	0	24	+1	35	13	0	0	
SÎWA																			8
BAHARÎYA																			7
FARAFRA																			
DAKHLA																			
KHARGA	00	0	15	00	0	0	—	13.0	+1.4	32	39	+2	23	+3	28	11	0	0	
SUEZ	360	2	50	00	0	0	—	13.8	+0.8	25	35	+3	17	-1	28	11	0	5	16
TÔR																			13
HURGHADA	360	8	30	00	1	0	—	12.4	+1.1	25	32		24		84	22	0	dr.	
QUSEIR	360	13	15	02	0	0	—	11.7	+0.7	29	32	+2	25	+2	40	14	0	dr.	4
PORT SÙDÂN	340	8	30	02	0	0	—	11.0		31	33		21		41	16	0	152	96
WÂDI HALFA	360	8	30	02	0	0	—	12.0		29	40		22		23	6	0	dr	
ABU HAMAD	20	2	30	02	0	0	—			32	40		22		15	2	0		
KAREIMA	50	10	30	02	0	0	—	10.2		30	41		24		33	12	0	dr.	1
ʿATBARA	70	12	10	07	0	0	—	9.3		32	42		22		13	0	0	0.3	4
KHARTÙM	30	13	30	02	0	0	—	7.8		30	43		23		35	13	0	dr.	5
KASSALA	120	3	30	02	0	0	—	7.7		32	43		21		34	14	0	3	15
WÀD MEDANI	90	5	35	02	0	0	—	7.6		30	43		27		18	3	0	46	17
RENK																			63
ROSEIRES	230	9	35	02	0	0	—	8.4		32	41		26		41	17	0	dr.	68
EL OBEID																			22
EL FÂSHER	320	2	10	10	0	1	ci			28	40		24		19	2	0	6	9
GENEINA	20	3	30	02	0	0	—			27	40		18		9	-8	0		11
MALAKÂL	270	4	30	01	2	6	ac,ci	10.1		30	39				55	20	dr.	76	140
WÀU	210	4	30	03	1	7	ac,cb	10.6		25	36		24		70	19	5	165	269
JUBA			30	03	2	7	cu,ac,cb	11.7		26	37		23		84	23	37	300	350

HUMIDITY % Mean of day

STATION	on 8th	Diff. from normal
Alexandria	71	+1
Ezbekîya	51	+1
Gîza	46	-6
Helwân	41	+3

GÎZA
GRASS MINIMUM TEMP. ON 9th 13.1°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 8th. At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	124	32	29	320	7
950					
900					
850	1550	18	52	330	9
800					
700	3178	7	66	300	37
600					
500	5855	-11		290	37
400	7535	-23		300	43
300	9584	-33		300	53

... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 8th At 9h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	188	29	23	260	10
950					
900					
850	1580	8	29	330	18
800					
700	3236	7	31	310	30
600	4480	-2		300	42
500	5912	-11		310	29
400	7580	-25			
300	9599	-42			

UPPER WIND OBSERVATIONS on 8th

Station	Matruh		Port Said		Minya		Dakhla		Asyut		Kharga		Siwa		Hurghada		S. Barrani		Foad A.P.		Farouk AP.		Minya		Port Said	
Time	14		14		14		14		14		14		14		14		14		20		20		20	15	20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	90	15	10	9	350	10	30	6	20	7	10	14	190	5	320	35	90	24	70	20	80	29	60	14	40	12
600	120	18	360	13	340	9	30	7	20	7	20	17	170	4	330	35	140	17	40	6	60	16	40	12	70	9
1000	170	17	320	16	10	15	30	6	20	4	20	19	200	8	340	36	160	21	10	8	340	7	50	8	350	9
1500	190	21	290	12	10	9	40	4	360	6			320	10	350	40	200	26	280	13			280	9	280	11
2000	280	22	300	15	10	9	360	1'	340	12			240	23	340	34	250	23	280	22			300	17	310	30?
3000	270	30			310	28							270	32					290	19						
4000	280	36			320	22							290	35												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA		Farouk	
Time			4		3		3																2	30
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			120	35	120	19	90	16															50	13
600			150	30	70	8	90	19															80	12
1000			170	20	40	4	40	17															80	10
1500			280	10	320	7	320																	
2000			270	10	310	22																		
3000			300	27																				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time									4		4						3		4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									50	9														
600									60	17	70	21					40	9					200	11
1000									60	21	50	17					40	9	30	32			220	17
1500									50	25	30	37					40	8	20	28			180	13
2000																			10	12				
3000									30	19	50	13					50	2	20	10			20	17
4000																			150	7				
5000																			170	15				
6000																								
7000																								
8000																								

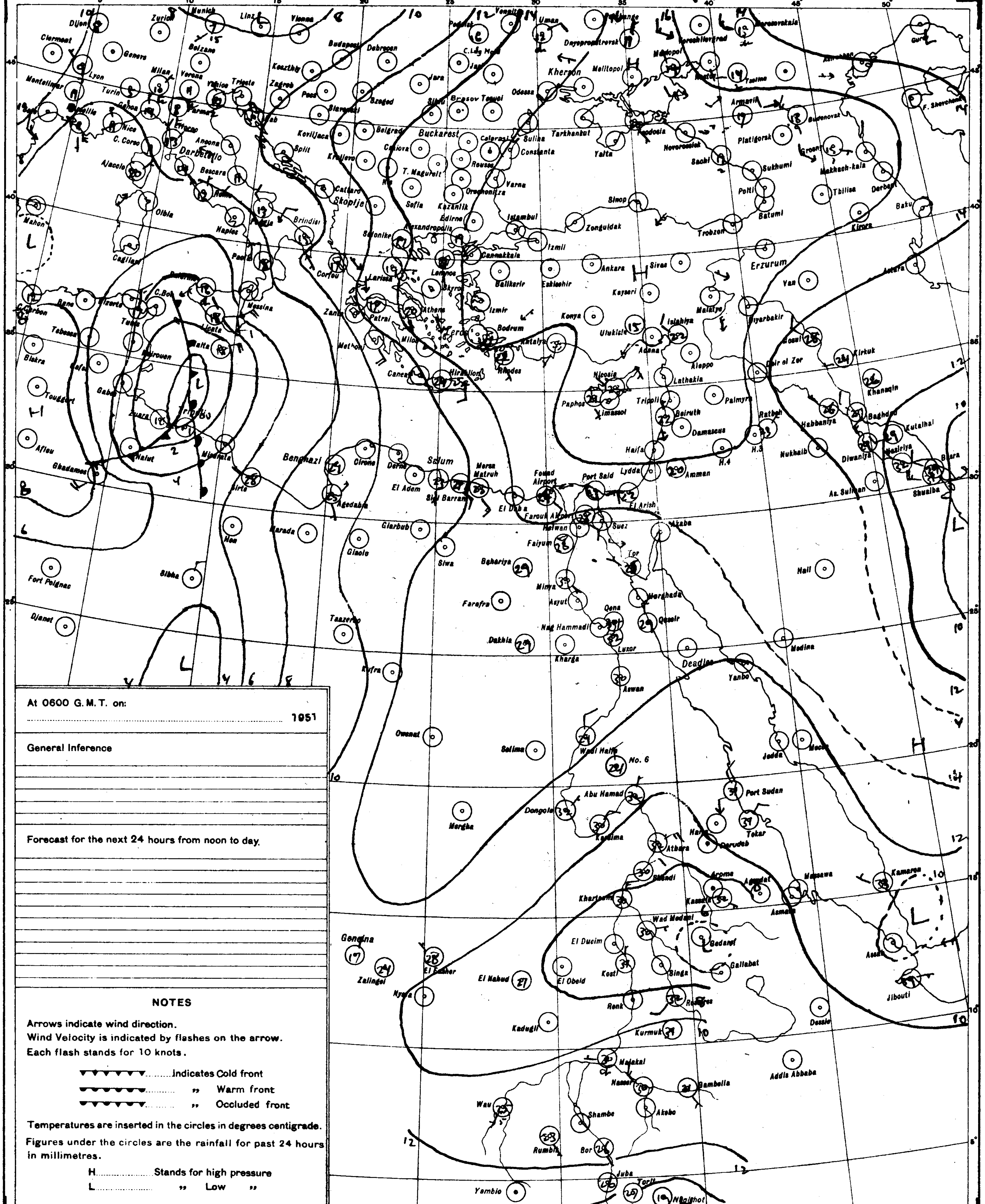
Remarks: 1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.   SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 9/5/1 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... " Warm front
▼●▼●▼●▼ .... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure

L................. " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(45/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 06 G.M.T.

" " Sunset 16 37 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 10th may 1951

At 1200 on Wednesday 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	180	2	35	02	2	8	as	9.8	25	70	19
	303	SÎDI BARÂNI	90	15	15	02	2	8	sc	10.2	23	65	16
	306	MATRÛH	130	18	14	02	2	8	as	12.2	26	48	14
	309	EL DABA	70	8	35	03	2	8	st	12.4	26	48	14
		ALEXANDRIA	40	15	50	02	2	8	as	14.2	30	52	19
	318	FOUAD (Airport)	20	9	18	00	1	7	cs	13.5	32	29	12
	330	DAMIETTA	70	5	35	02	1	6	ac	14.5	26	42	12
	333	PORT SA'ID	50	15	30	01	1	3	ci	15.0	24	65	17
	336	EL 'ARISH	20	5	35	03	1	1	cu	15.4	25	54	15
Lower Egypt	339	DAMANHUR	90	5	15	02	1	6	ci	15.0	33	30	13
	342	MANSURA	90	5	35	03	2	5	ac	14.4	34	22	9
	348	TANTA	90	2	35	03	2	7	as	15.2	34	32	15
	354	ZAGAZIG	40	4	50	03	1	3	ci	13.9	34	29	13
	440	ISMA'ILIA	20	5	35	03	1	6	ci	13.5	33	12	0
Cairo Area	366	FAROUK (Airport)	340	13	30	02	2	5	cs	13.5	35	16	6
	372	ALMAZA	40	8	15	01	0	4	cs	12.6	35	13	3
		EZBEKIYA	40	4	30	02	1	6	cs	12.7	34	25	11
		GIZA	40	4	30	02	1	6	cs	12.4	34	18	6
	378	HELWAN	360	13	35	03	2	7	cs	12.0	35	15	5
Upper Egypt	381	FAIYUM	00	0	35	03	1	4	ci	13.0	37	14	6
	387	MINYA	300	4	10	02	1	1	ci	10.9	39	17	10
	393	ASYUT MANQABAD	00	0	30	00	0	0	—	10.0	39	17	10
	399	NAG' HAMMADI	00	0	35	01	0	2	ac	11.5	39	30	18
	402	QENA	320	2	50	00	0	0	—	7.4	40	12	6
	405	LUXOR	20	15	15	00	0	0	—	8.8	40	10	2
	414	ASWAN	340	7	35	00	0	0	—	8.7	39	14	7
Oases	417	SÎWA	180	9	14	03	1	4	ci	11.0	44	8	3
	420	BAHARIYA											
	423	FARAFRA	240	1	35	02	0	0	—	9.5	41	10	4
	432	DAKHLA	360	3	50	00	0	0	—	9.8	41	17	11
	435	KHARGA	00	0	15	00	0	0	—	9.8	40	19	12
Red Sea	450	SUEZ	360	5	50	03	0	1	sc	11.5	33	16	4
	459	TOR											
	462	HURGHADA	70	7	30	03	1	3	ci	10.4	30	52	19
	465	QUSEIR	20	9	15	02	0	0	—	10.6	29	55	19
	641	PORT SUDAN	60	3	30	00	0	0	—		33	44	19
North Sudan	600	WADI HALFA	360	15	30	02	0	0	—	8.0	39	13	6
	640	ABU HAMAD	40	6	30	02	0	0	—		39	8	-2
	660	KAREIMA	40	14	50	02	0	0	—	5.9	39	4	-11
	680	'ATBARA											
	721	KHARTUM	30	7	30	08	0	0	—	3.3	40	30	9
	730	KASSALA	20	3	30	03	0	1	cu	7.6	42	11	5
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	30	02	0	0	—	3.9	39	16	9
	760	EL FASHER	350	5	30	02	0	0	—		39	10	2
	770	GENEINA	50	9	30	03	0	1	cu		38	6	-6
S. Sudan	840	MALAKAL	230	6	30	03	2	7	cu, ci	4.9	39	26	16
	880	WAU	130	4	30	15	8	7	cu, ac	7.2	35	32	16
	941	JUBA											

At 1800 on Wednesday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALÛM	250	2	15	00	1	2	As	7.8	23	74	18	0
SÎDI BARÂNI	110	18	13	01	1	2	as	8.3	22	65	15	0
MATRÛH	120	12	10	01	2	4	as	11.0	22	74	17	0
EL DABA												
ALEXANDRIA	90	15	35	02	2	8	as	13.1	25	54	15	0
FOUAD (Airport)	60	11	12	02	2	8	Cc	12.9	25	61	17	0
DAMIETTA	70	2		03	1	7	as	14.7?	22	83	19	0
PORT SA'ID	50	12	18	02	2	7	ac, ci	14.4	22	83	19	0
EL 'ARISH												
DAMANHUR	40	4	15	02	0	0	—	14.3	25	42	11	0
MANSURA	40	3		03	2	5	ac	14.7	23	61	15	0
TANTA	40	2	35	01	2	4	As	14.6	24	61	16	0
ZAGAZIG	40	4	35	03	1	2	ci	13.6	24	47	12	0
ISMA'ILIA	20	5	35	03	2	7	As	14.4	24	54	14	0
FAROUK (Airport)	70	13	12	00	0	0	—	13.8	28	27	7	0
ALMAZA	70	10	12	01	1	0	—	13.0	28	16	0	0
EZBEKIYA	40	4	12	02	1	3	ci	13.1	28	25	6	0
GIZA	40	4	12	02	1	3	ci	13.4	29	29	9	0
HELWAN	20	13	15	01	2	2	Cc	12.4	29	19	3	0
FAIYUM	00	0	35	02	1	4	ci	12.6	30	31	11	0
MINYA	40	7	10	01	1	2	as, cs	10.5	31	28	10	0
ASYUT MANQABAD	00	0	10	01	1	2	ci	10.0	32	29	12	0
NAG' HAMMADI	00	0	15	02	0	4	ac	9.4	32	34	14	0
QENA	40	1	7	00	0	0	—	8.0	34	22	9	0
LUXOR	00	0	12	00	0	0	—	8.0	33	16	4	0
ASWAN	00	0	50	00	0	0	—	8.3	36	17	7	0
SÎWA												
BAHARIYA	180	2	15	01	2	4	ac	10.4	34	32	15	0
FARAFRA												
DAKHLA	00	0	50	00	0	0	—		36	20	10	0
KHARGA												
SUEZ	360	5	35	01	0	0	—	12.6	27	27	6	0
TOR												
HURGHADA	350	13	14	01	1	2	ci	9.0	29	49	17	0
QUSEIR	360	5	15	02	0	0	—	8.9	28	52	17	0
PORT SUDAN	340	4	30	02	0	0	—	7.9	27	70	21	0
WADI HALFA	10	12	30	02	0	0	—	8.7	35	18	7	0
ABU HAMAD	360	1	30	02	0	0	—		33	10	-3	0
KAREIMA	20	6	30	02	0	0	—	5.5	31	12	-1	0
'ATBARA	360	8	30	02	0	0	—	4.1	33	15	3	0
KHARTUM	340	6	30	02	0	0	—	3.2	35	30	15	0
KASSALA	20	3	30	02	0	1	ac, ci	2.8	31	26	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	0	0	—	3.9	31	17	3	0
EL FASHER	40	4	30	02	0	0	—		32	11	-2	0
GENEINA												
MALAKAL	180	8	30	01	8	4	ac, ci	5.6	31	46	18	dr.
WAU	160	1	30	01	1	3	cs	5.7	31	52	20	dr.
JUBA												

At 0600 on Thursday 10th may 1951

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	9	7	10	2	8	As	5.8	-7.2	23	26	-1	20	+4	53	13	0	90	
SÎDI BARÂNI	100	12	14	02	2	8	sc, as	7.2		26			19		32	8	0	108	
MATRÛH	140	10	30	02	2	8	Ac	9.2	-4.8	25	29		20		28	5	0	51	
EL DABA																			
ALEXANDRIA	130	18	35	04	2	7	As	11.1	-2.9	23	32	+6	18	+1	61	15	0	62	185
FOUAD (Airport)	100	19	30	03	2	8	Ac, Cs	11.3		23	33		19		65	16	0	63	138
DAMIETTA	110	5	7	01	1	4	Ac	12.4	-1.2	24	26	0	20	+3	69	18	0	Rain	104
PORT SA'ID	90	16	12	02	0	1	Ac	11.9	-0.7	23	25		21		78	19	0	18	
EL 'ARISH																			92
DAMANHUR	40	13	7	02	1	2	Ci	12.2	-1.6	24	34	+5	18	+3	61	16	0	35	100
MANSURA	90	13	35	00	0	0	—	11.8	-1.9	24	34	+3	17	+2	54	14	0	31	53
TANTA	90	8	35	03	2	8	As	11.7	-2.3	24	34	+3	18	+4	61	16	0	23	42
ZAGAZIG	40	9	35	02	0	0	—	10.7	-3.3	24	35	+4	18	+4	54	14	0	Rain	26
ISMA'ILIA	110	2	35	01	0	0	—	11.6		25	33		18		42	11	0	17	
FAROUK (Airport)	70	10	14	00	1	0	—	11.0		28	36		20		23	5	0	Rain	
ALMAZA	80	8	15	02	0	0	—	10.4	-3.0	29	35		20		23	6	0	12	
EZBEKIYA	00	0	12	00	0	0	—	10.6	-2.8	25	35	+3	20	+4	34	8	0	11	25
GIZA	00	0	12	00	0	0	—	10.3	-3.1	27	36	+4	17	+3	33	9	0	11	25
HELWAN	00	0	7	05	0	0	—	10.0	-3.2	25	36	+4	22	+5	28	5	0	12	28
FAIYUM	00	0	35	01	0	0	—	11.8	-1.3	27	38	+5	20	+4	27	6	0	8	8
MINYA	00	0	8	03	1	4	Ci	9.8	-2.6	29	39		20		29	9	0	3	
ASYUT MANQABAD	00	0	10	00	0	0	—	9.5	-2.8	30	40		24		29	10	3	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	9.5	-1.9	28	40	+4	19	+1	40	13	0	0.1	
QENA	40	2	15	00	0	0	—	10.2	-0.6	28	41	+3	22	+2	16	0	0	0	
LUXOR	20	10	30	00	0	0	—	9.0	-2.0	30	41		22		12	-2	0	0	
ASWAN											40	+2							
SÎWA																			8
BAHARIYA	90	3	35	02	0	0	—	10.0	-3.6	32	41	+7	25	+9	28	11	0	0	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	10.3	-2.1	29	41	+4	23	+5	29	9	0	0	
KHARGA																			
SUEZ	00	0	50	00	0	1	Sc	10.4	-2.5	24	34	+2	17	-1	47	12	0	6	16
TOR																			13
HURGHADA	320	6	30	02	2	3	Ci	7.3	-1.9	25	30				54	15	0	dr.	
QUSEIR	360	9	15	00	0	0	—	7.6	-1.3	29	31	+1	24	+1	23	6	0	dr.	4
PORT SUDAN	00	0	30	02	0	0	—	7.9		31	33		20		41	16	0	152	96
WADI HALFA	20	3	30	05	0	0	—	8.1		30	42		24		22	6	0	dr.	
ABU HAMAD	80	1	30	02	0	0	—			31	40		22		16	2	0		
KAREIMA											40								1
'ATBARA											41								5
KHARTUM	20	8	30	02	0	0	—	6.1		31	42		23		31	12	0	dr	6
KASSALA											42								16
WAD MEDANI																			17
RENK																			64
ROSEIRES																			70
EL OBEID											40								23
EL FASHER	310	3	30	02	0	0	—	9.8		25	40		18		21	1	0	6	9
GENEINA	80	7	30	02	0	0	—			30	40		22		29	10	0		12
MALAKAL	230	6	30	03	0	4	Ac, Cs	7.1		30	39		25		55	20	dr.	76	142
WAU	230	2	30	03	2	7	Ac	7.5		26	37		23		79	22	dr.	165	273
JUBA	180	9	30	01	1	3	Ac, Cs	8.6		26	35		23		74	21	0.1	300	355

HUMIDITY %

Mean of day

Station	on 9th	Diff. from normal
Alexandria	52	-18
Ezbekiya	28	-22
Giza	28	-23
Helwân	27	-11

GIZA

GRASS MINIMUM TEMP. ON 10th 13.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 9th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	115	34	18	30	8
950					
900					
850	1553	21	33	360	10
800					
700	3196	9	18	340	35
600					
500	5887	-10		340	26
400	7573	-22		330	24
300	9605	-40		330	38

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 9th

Station	Hurghada		Port Said		Minya		Matruh		Kharga		Suez		Asyut		Fouad A.P.		Dakhla		S. Barani		Fouad A.P.		Minya		Port Said	
Time	14		14		14		14		14		14		14		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	12	50	18	340	16	110	21	40	3	210	6	20	13	80	12	100	4	110	14	100	24	50		70	7
600	360	6	50	20	340	16	140	11	70	7	180	6	360	15	100	9	350	10	140	7	80	22	30	19	80	6
1000	320	19	80	11	340	16	180	11	80	10	150	6	360	20	100	4			170	7	80	11	30	12	80	6
1500	330	17	30	13	360	17	190	4			200	7	20	16	290	10			220	4	360	2	350	9	90	4
2000	320	16	350	8	10	18	290	6			220	9	360	14	340	13			280	16			320	11	90	4
3000	340		20	13			320	7			160	8	350	23	330	21			270	20						
4000											220	13	360	25					290	28						
5000											250															
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 10th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'id		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			4		2		2						2										3 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			20	32	110	32	90	20					80	21									90	30
600			10	29	110	24	100	16					50	19									80	22
1000			170	22	110	15	90	12					30	15									50	18
1500			160	15	40	9	120	6					360	11										
2000			170	16			160	9					320	17										
3000							160	5					350	10										
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3						4				4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									20	13														
600									50	18					30	25							210	15
1000									30	21					40	26			30	31			200	16
1500									10	27					30				30	19			200	17
2000																			10	10			320	11
3000									340	7					130	5			290	9				
4000															200	13			310	10				
5000																								
6000																								
7000																								
8000																								

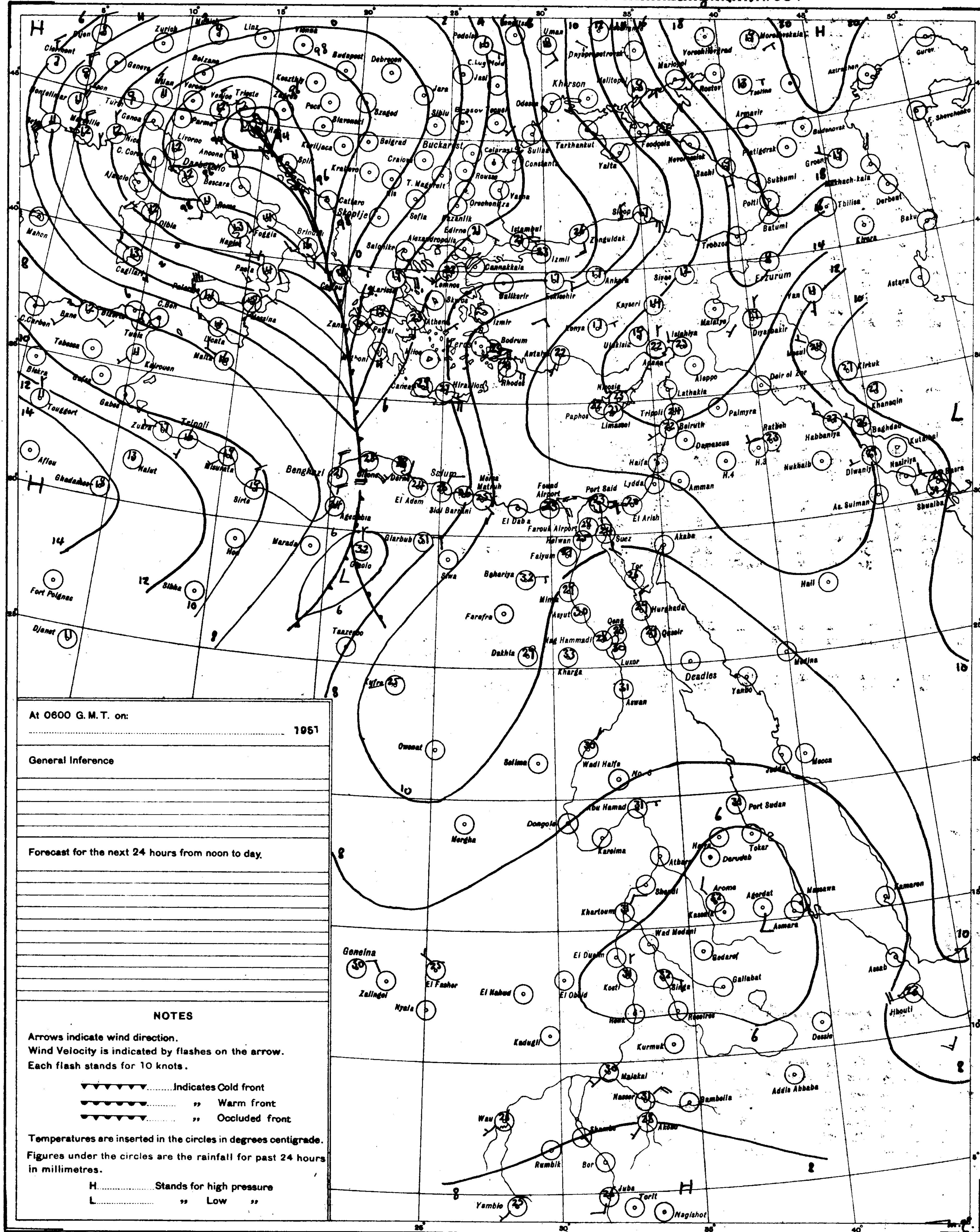
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/530)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 10/5/ 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

CAIRO

Time of Sunrise 03 05 G.M.T.

" " Sunset 16 38 G.M.T.

DAILY WEATHER REPORT

Date: Friday 11th May, 1951

At 1200 on Thursday 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	180	2	35	03	2	1	as	7.5			
	303	SÎDI BARÂNI	20	14	14	02	2	8		8.4			
	306	MATRÛH	140	14	9	02	2	8	ac	7.7	25	47	13
	309	EL DABA	70	8	15	03	2	8	Cu,sc	6.7	27	42	13
		ALEXANDRIA	40	15	50	02	2	8	as	8.3	27	62	19
	318	FOUAD (Airport)	80	13	18	03	1	7	ac,cs	8.6	24	27	14
	330	DAMIETTA	40	5	35	03	1	7	as	11.6	26	62	18
	333	PORT SA'ID	20	17	18	03	1	7	cs	10.4	25	74	20
	336	EL 'ARISH	360	8	30	03	1	4	cc	9.0	24	74	19
Lower Egypt	339	DAMANHUR	230	5	15	02	1	4	cs	9.5	35	19	8
	342	MANSURA	90	9	15	02	1	7	cs	7.4	35	23	11
	348	TANTA	70	5	35	03	2	8	as		35	23	11
	354	ZAGAZIG	40	4	35	03	1	4	Cu		34	32	15
	440	ISMAÎLIA	70	2	35	03	2	8	cs	9.0	36	13	4
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	70	7	15	02	2	5	Ci	8.1	37	5	-10
		EZBEKÎYA	40	4	18	02	1	8	Ci	8.0	39	10	2
		GÎZA	40	4	18	02	1	8	Ci	8.0	39	8	-1
	378	HELWÂN	40	2	50	03	2	7	ac	6.7	38	3	-14
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	8.7	38	13	5
	387	MINYA	60	3	10	00	0	0	—	7.3	40	12	6
	393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	6.3	42	9	3
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	7.4	39	10	2
	402	QENA	150	2	50	00	0	0	—	6.6	42	12	7
	405	LUXOR											
	414	ASWÂN	340	2	50	00	0	0	—	6.2	40	10	2
Oases	417	SÎWA	320	27	2	07	3	8	as	5.2	40	23	15
	420	BAHARÎYA	180	4	35	03	2	7	ac	7.0	42	25	18
	423	FARAFRA	220	1	35	01	1	4	ac	9.6	43	8	1
	432	DAKHLA	160	5	50	00	0	0	—	6.3	42	18	13
	435	KHARGA	00	0	15	00	0	0	—	6.6	41	14	8
Red Sea	450	SUEZ	270	3	50	03	0	7	sc	7.6	31	22	7
	459	TÛR	310	2	15	02	0	0	—	8.7	27	62	19
	462	HURGHADA	50	4	30	02	1	1	cs	7.2	28	62	20
	465	QUSEIR	20	13	15	01	0	0	—	9.0	30	35	13
	641	PORT SÛDÂN	70	13	15	02	0	0	—	5.8	32	46	19
North Sudan	600	WÂDI HALFA	20	4	30	02	0	0	—	5.0	40	6	-5
	640	ABU HAMAD	10	4	30	02	0	0	—		39	10	2
	660	KAREIMA	50	7	30	02	0	0	—	3.4	39	13	6
	680	'ATBARA	10	8	30	02	0	0	—	1.9	40	11	4
	721	KHARTÛM	20	8	30	02	0	1	Cu	0.8	40	8	0
	730	KASSALA	220	3	30	03	1	4	Cu	999.6	42	12	7
Central Sudan	751	WÂD MEDANI	230	5	35	02	1	5	Cu	2.0	40	17	11
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	30	02	0	0	—	1.3	39	6	-5
	760	EL FÂSHER	80	5	30	02	0	0	—		37	12	3
	770	GENEINA	70	10	30	03	0	1	Cu		39	7	-3
S. Sudan	840	MALAKÂL	230	2	30	03	1	5	Cb	2.3	37	29	16
	880	WÂU	90	3	30	16	2	7	Cb	2.1	38	25	15
	941	JUBA	200	5	30	03	1	5	Cb,ac	2.7	35	39	19

At 1800 on Thursday 10th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALÛM	320	13	15	02	3	5	as,Ci	9.6	20	83	17	0
303	SÎDI BARÂNI	120	4	13	01	1	3	as	7.3	21	69	15	0
306	MATRÛH	100	1	10	02	2	8	cb,ac	8.2	21	69	15	0
309	EL DABA												
	ALEXANDRIA	40	13	35	02	2	8	as	8.4	25	54	15	0
318	FOUAD (Airport)	60	15	12	01	2	7	ac	7.8	23	69	17	0
330	DAMIETTA	40	5	7	02	2	7	as	8.7	23	88	21	0
333	PORT SA'ID	40	16	14	03	3	8	cs	9.3	23	83	20	0
336	EL 'ARISH	00	0	12	01	2	2	ac	6.6	21	88	19	0
339	DAMANHUR												
342	MANSURA	40	5		03	2	7	ac	4.5	25	41	17	0
348	TANTA	90	2	35	03	2	6	as	8.5	26	62	18	0
354	ZAGAZIG	40	7	35	03	1	2	Cu	8.6	25	61	17	0
440	ISMAÎLIA	20	2	35	02	2	8	cs	8.7	25	54	15	0
366	FAROUK (Airport)												
372	ALMÂZA	80	12	12	01	1	4	Ci	8.2	29	31	9	0
	EZBEKÎYA	40	8	12	02	1	5	cs	8.0	30	35	13	0
	GÎZA	40	8	12	02	1	5	cs	8.2	30	31	11	0
378	HELWÂN	40	18	7	01	2	5	ac,Ci	6.8	31	28	10	0
381	FAIYÛM	00	0	35	03	2	6	Ci	7.1	32	28	11	0
387	MINYA	50	4	8	01	1	3	Ci	6.3	31	31	12	0
393	ASYÛT MANQABÂD	340	3	6	10	1	6	ac,cs	6.0	33	28	12	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	—				15	0
402	QENA	220	2	7	00	0	0	—	7.5	35	19	8	0
405	LUXOR	00	0	12	00	0	0	—	5.8	32	15	2	0
414	ASWÂN	00	0	15	00	0	0	—	6.0	36	13	4	0
417	SÎWA	270	10	8	01	3	3	as	6.8	34	39	18	0
420	BAHARÎYA	90	2	15	01	2	8	as	5.6	35	29	14	0
423	FARAFRA	270	2	15	01	2	6	ac	9.6	40	19	12	0
432	DAKHLA	00	0	35	00	0	0	—	6.0	38	19	11	0
435	KHARGA	00	0	15	00	0	0	—	8.0	35	15	5	0
450	SUEZ	310	3	35	01	0	1	sc	7.9	29	35	12	0
459	TÛR	00	0		02	0	0	—	9.0	25	70	19	0
462	HURGHADA	00	0	12	02	1	4	Ci	6.3	24	61	16	0
465	QUSEIR	360	9	15	02	0	0	—	7.9	27	20	2	0
641	PORT SÛDÂN	00	0	30	02	0	0	—	6.9	27	28	7	0
600	WÂDI HALFA	360	5	30	03	0	1	Ci	5.1	33	13	1	0
640	ABU HAMAD	240	2	30	02	0	0	—		31	11	-3	0
660	KAREIMA												
680	'ATBARA	350	10	30	02	0	0	—	2.5	33	14	2	0
721	KHARTÛM	350	7	30	02	0	0	—	1.7	35	12	1	0
730	KASSALA												
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER	80	3	30	02	0	0	—		32	16	3	0
770	GENEINA	70	6	30	02	0	0	—		33	12	0	0
840	MALAKÂL	180	7	30	13	2	4	cb,ac	3.2	31	46	18	0
880	WÂU	180	7	30	01	9	1	ac	3.8	29	55	19	1
941	JUBA	180	13	30	39	9	8	cb,ac	6.1	26	74	21	dr.

At 0600 on Friday 11th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	360	9	15	00	0	1	Ci	12.3	-0.7	20	32	+5	17	+1	73	15	0	90	
SÎDI BARÂNI	350	11	14	00	0	0	—	12.3		19	32		17		83	16	0	108	
MATRÛH	10	11	10	01	1	5	sc	+2.1	-1.9	20	28		16		83	17	0	51	
EL DABA																			
ALEXANDRIA	360	11	50	00	0	0	—	10.4	-3.6	23	33	+7	20	+3	74	18	0	62	185
FOUAD (Airport)	340	6	18	01	0	0	—	10.2		24	34		17		69	18	0	63	138
DAMIETTA	20	5	7	01	1	5	ac	10.2	-3.3	24	27	+1	20	+3	83	21	0	Rain	104
PORT SA'ID	40	12	14	01	0	1	Ci	9.6	-3.0	24	26		22		83	21	0	18	
EL 'ARISH	00	0	30	02	1	1	Ci	9.1	-4.4	24	27	+1	19	+4	74	19	0	Rain	92
DAMANHUR	40	13	15	02	0	0	—	9.5	-4.3	24			18	+3	61	16	0	35	100
MANSURA	90	3	35	00	0	0	—	10.3	-3.4	27	36	+5	20	+5	62	19	0	31	53
TANTA	70	5	35	03	2	8	as	10.2	-3.8	25	35	+3	18	+4	61	17	0	23	42
ZAGAZIG	40	6	15	02	0	0	—			27	36	+4	20	+6	62	19	0	Rain	26
ISMAÎLIA	70	2	35	03	1	4	Ci	9.3		28	36		22		33	10	0	17	
FAROUK (Airport)	70	10	15	00	0	0	—	8.5		31			23		22	7	0	Rain	
ALMÂZA	40	8	15	01	0	0	—	7.8	-5.6	31	38		23		22	7	0	12	
EZBEKÎYA	00	0	12	00	0	0	—	8.7	-4.7	29	39	+7	23	+7	37	13	0	11	25
GÎZA	00	0	12	00	0	0	—	8.6	-4.8	27	40	+8	20	+6	42	13	0	11	25
HELWÂN	00	0	7	00	0	0	—	7.5	-5.7	28	40	+8	24	+7	33	13	0	12	28
FAIYÛM	00	0	35	02	1	6	Ac	8.8	-4.2	29	40	+6	23	+7	40	14	0	8	8
MINYA	00	0	8	03	0	6	cs	6.9	-5.4	29	41		20		35	12	0	3	
ASYÛT MANQABÂD	00	0	8	10	0	1	Ac	8.2	-4.1	28	42		21		29	8	0	dr	
NAG' HAMMÂDI	00	0	15	00	0	0	—	7.9	-3.4	30			19	+1	31	11	0	0.1	
QENA	90	2	15	00	0	0	—	9.0	-1.8	32	43	+5	23	+3	15	2	0	0	
LUXOR	00	0	30	00	0	0	—	7.7	-3.2	31	42		22		12	-1	0	0	
ASWÂN	00	0	50	00	0	0	—	7.9	-2.9	26	41	+2	23	0	48	14	0	0	
SÎWA	20	8	11	03	0	0	—	11.6	-2.9	23	43	+10	20	+5	61	15	0	dr	8
BAHARÎYA	90	8	35	02	0	0	—	7.0	-6.5	31	43	+9	25	+9	38	15	0	0	7
FARAFRA	160	1	15	02	0	0	—	10.6		30	44		23		21	5	0	dr	
DAKHLA	00	0	15	02	0	8	cs	8.0	-4.4	31	43	+6	24	+5	26	9	0	0	
KHARGA	00	0	7	00	0	0	—	7.5	-4.0	30	42	+5	24	+4	25	8	0	0	
SUEZ	00	0	50	00	0	1	sc	8.6	-4.3	30	33	+1	23	+5	35	13	0	5	17
TÛR	00	0	35	02	0	8	ac	8.0	-2.9	26	33	+3	20	0	70	20	0	4	13
HURGHADA	310	2	30	02	1	3	Ci	7.0	-4.2	29	30		20		29	9	0	dr	
QUSEIR	330	5	15	00	0	8	as	8.0	-2.9	27	31	+1	22	-1	15	-2	0	dr	4
PORT SÛDÂN	170	6	30	01	8	2	Cu	7.4		31	33		25		70	25	1	153	96
WÂDI HALFA	30	1	30	03	0	2	cs	6.7		30	42		22		10	-6	0	dr	
ABU HAMAD	90	10	30	02	0	0	—			31	40		22		11	-2	0		
KAREIMA	70	4	30	02	0	0	—	7.1		29	41		21		20	4	0	dr	1
'ATBARA											40								5
KHARTÛM	140	6	30	02	0	0	—	6.2		32	41		23		12	-1	0	dr	6
KASSALA	180	6	30	02	0	0	—	5.8		32	42		27		29	12	0	3	16
WÂD MEDANI	230	9	35	02	0	0	—	5.3		33	41		27		36	16	0	46	18
RENK																			65
ROSEIRES																			72
EL OBEID																			23
EL FÂSHER	00	0	30	02	0	0	—			23	39		18		24	1	0	6	10
GENEINA	30	6	20	02	0	0	—			27	40		20		15	-2	0		12
MALAKÂL											39								149
WÂU											39						1	166	277
JUBA	180	9	30	02	2	8	sc,ac	9.2		25	37		23		79	21	dr.	300	360

HUMIDITY %

Mean of day

Station	on 10th	Diff. from normal
Alexandria	56	-14
Ezbekiya	33	-17
Giza	27	-24
Helwân	24	-14

GÎZA GRASS MINIMUM TEMP. ON 11th 18.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 10th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Asyut Dir.	Asyut Vel.	Hurghada Dir.	Hurghada Vel.	S. Barani Dir.	S. Barani Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		14		14		14		14		14		14	15	14		20		20	
300	100	18	40	16	320	4	250	3	10	6	310	11	150	7	70	24	60	20	70	35
600	120	14	40	17	30	3	230	3	10	8	310	10	40	2	100	14	90	15	80	24
1000	140	8	90	3	40	3			20	10	310	10	300	4	80	19	110	10	70	12
1500	300	4	60	11	320	3					340	10	340	15	230	7	120	4	30	4
2000	100	9	80	8	320	8					20	7	330	13			100	7	50	10
3000													350	16					230	21
4000																			240	22
5000																				
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 11th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time	8				8		2						2		8						8		8	
300	360	17			70	10	100	26					350	10	150	5					350	5	60	19
600	340	25			80	9	90	13					360	12	180	10					270	4	70	16
1000	30	12			90	17	50	16					340	8	180	10					80	13	70	17
1500	220	5			40	9	30	18					360	6	210	16					150	4	60	9
2000							350	5							230	7					240	14		
3000															180	4								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8		8		8		8												4		5			
300	20	13	360	17	310	9	220	5																
600	50	15	360	17	290	9	220	8																
1000	30	20	10	16			200	8											140	31	30	11		
1500	20	16	20	9			260	10											40	21	60	28		
2000	360	12					280	13											70	5				
3000	260	8																	190	9				
4000	320	12																						
5000																								
6000																								
7000																								
8000																								

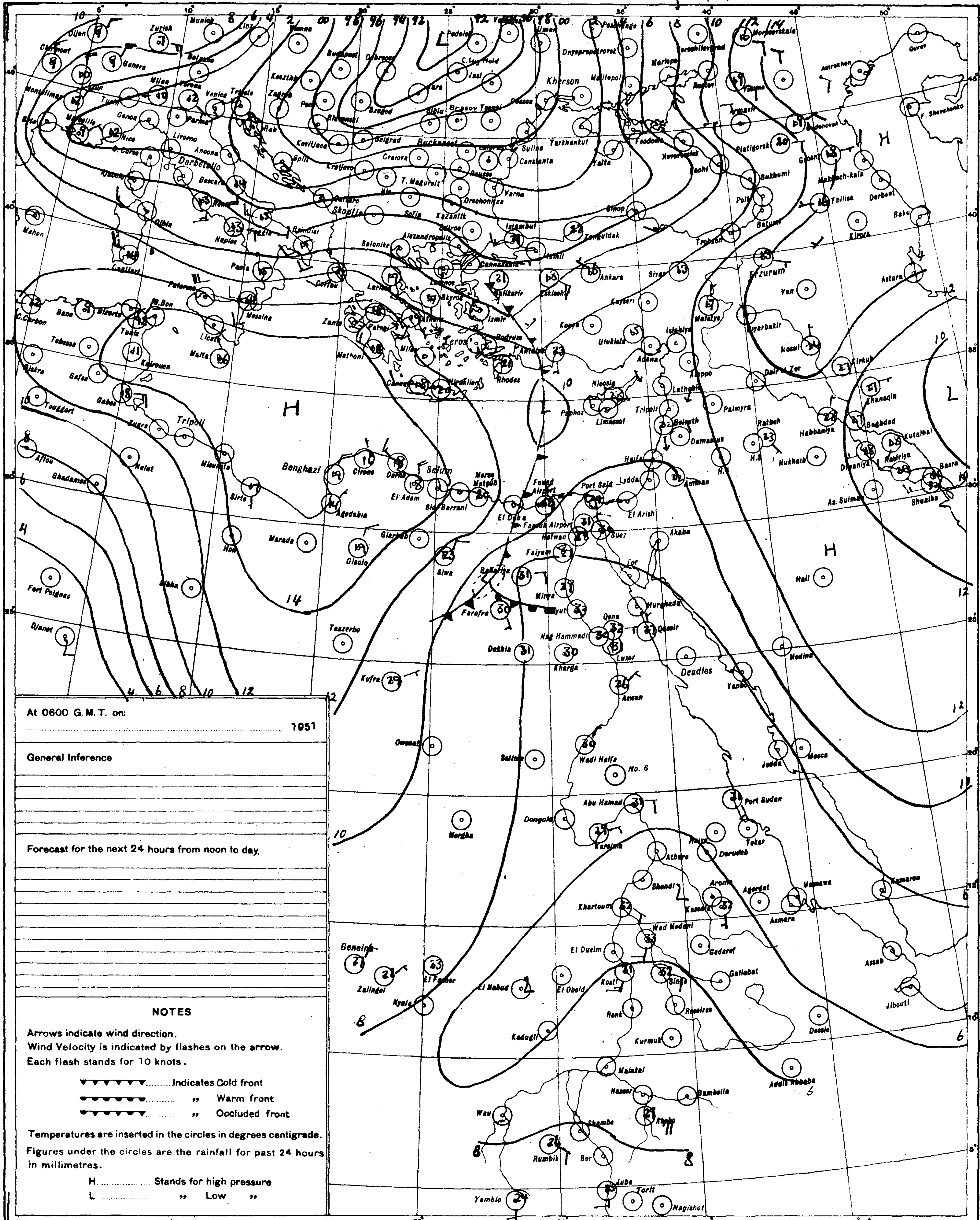
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 11/5/ 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H. .... Stands for high pressure
L. .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (v/s less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 03 04 G.M.T.

" " Sunset 16 39 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 12th May, 1951

At 1200 on Friday 11th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALŪM											
	303	SÎDI BARÂNI											
	306	MATRÛH	10	11	18	02	1	6	Cu	13.0	22	74	17
	309	EL DABA											
		ALEXANDRIA	40	15	50	01	1	3	Ci	10.6	24	69	18
	318	FOUAD (Airport)	10	14	18	00	2	0	—	10.4	27	55	17
	330	DAMIETTA	20	2	35	01	0	0	—	10.2	27	55	17
	333	PORT SA'ID	30	12	30	00	0	0	—	9.7	26	70	20
	336	EL 'ARISH	20	8	30	00	0	0	—	8.8	28	42	14
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	10.0	36	18	8
	342	MANSURA	40	5	35	00	0	0	—	9.5	37	22	12
	348	TANTA	30	5	35	03	2	5	Ac	9.6	37	22	12
	354	ZAGAZIG	40	8	50	02	0	0	—	8.3	38	24	14
	440	ISMA'ILIA	40	2	35	02	0	0	—	8.2	38	16	8
Cairo Area	366	FAROUK (Airport)	70	15	30	00	0	0	—	7.9	40	12	6
	372	ALMAZA	70	12	18	00	0	0	—	7.3	39	24	15
		EZBEKIYA	40	6	18	00	0	0	—	7.1	39	11	3
		GÎZA	40	6	18	00	0	0	—	7.0	39	8	-1
	378	HELWÂN	20	12	15	02	0	0	—	6.3	40	6	-4
Upper Egypt	381	FAIYÛM	360	4	35	01	1	2	Ac	7.0	41	10	4
	387	MINYA	30	4	12	00	0	0	—	5.0	42	12	7
	393	ASYÛT MANQABÂD	190	3	8	10	1	3	Ac, Ci	4.5	44	12	8
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	6.0	40		
	402	QENA	40	2	50	00	0	0	—	5.5	43	11	6
	405	LUXOR											
	414	ASWÂN	00	0	50	00	0	0	—	4.2	41	13	7
Oases	417	SÎWA	330	4	14	00	0	0	—	10.7	36	18	8
	420	BAHARÎYA	360	1	35	02	1	3	Ac	5.5	41	23	16
	423	FARAFRA	90	4	35	02	0	0	—	6.6	41	12	6
	432	DAKHLA	340	11	35	01	4	0	—	5.8	42	18	13
	435	KHARGA	340	4		00	0	0	—	4.2	44	12	8
Red Sea	450	SUEZ	00	0	50	01	0	0	—	6.2	38	9	0
	459	TÛR	270	2	15	01	0	0	—	6.7	31	55	21
	462	HURGHÂDA	80	9	30	01	1	3	Ci	6.0	30	55	20
	465	QUSEIR	90	9	15	01	1	2	Ci	8.0	29	66	22
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	80	2	30	02	0	0	—		40	6	-4
	660	KAREIMA	70	3	50	02	0	0		2.2	41	11	5
	680	'ATBARA	160	5	30	03	0	1	Cu	0.9	40	11	4
	721	KHARTÛM	360	3	30	03	0	1	Cu	1.4	40	11	4
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK	260	5	35	02	1	4	Cu, Sc	3.0	38	29	17
	802	ROSEIRES											
	771	EL OBEID	00	0	30	02	0	1	Cu	1.4	39	9	1
	760	EL FÂSHER	70	11	30	02	0	0	—		39	9	1
	770	GENEINA	90	21	30	02	0	0	—		39	5	-7
S. Sudan	840	MALAKÂL	180	6	30	03	1	5	Cu	3.0	38	29	17
	880	WÂU	230	9	30	17	1	7	Cb	3.4	35	42	20
	941	JUBA											

At 1800 on Friday 11th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SIDI BARANI	350	13	14	02	0	1	Ci	13.8	18	83	15	0
MATRUH	20	10	12	02	2	7	Sc, Cu	12.5	20	83	17	0
ALEXANDRIA	40	11	35	00	0	0	—	11.1	22	83	19	0
FOUAD (Airport)	20	9	14	01	1	2	Ci	10.6	22	78	18	0
DAMIETTA	20	2	7	02	0	0	—	10.2	24	74	19	0
PORT SA'ID	20	15	18	02	0	0	—	10.0	24	79	20	0
EL 'ARISH	60	2	14	00	0	0	—	9.8	23	84	20	0
DAMANHUR	40	9	15	02	0	0	—	11.0	25	61	17	0
MANSURA	40	9		00	0	0	—	10.0	25	70	19	0
TANTA	40	2	35	01	1	4	Cu		26	62	18	0
ZAGAZIG												
ISMA'ILIA	20	5	35	02	0	0	—	9.6	27	42	13	0
FAROUK (Airport)	70	16	12	00	0	0	—	9.2	30	33	12	0
ALMAZA	80	15	10	07	0	0	—	9.5	30	25	8	0
EZBEKIYA	40	10	12	00	0	0	—	9.0	31	22	7	0
GIZA	40	10	12	00	0	0	—	9.1	30	31	11	0
HELWAN	40	23	3	31	3	1	Ci	7.8	31	17	3	0
FAIYUM	360	9	35	01	0	0	—	8.0	34	22	9	0
MINYA	360	6	8	00	0	0	—	6.0	30	38	14	0
ASYUT MANQABAD	00	0	10	00	0	0	—	4.9	36	18	8	0
NAG' HAMMADI	00	0	15	00	0	0	—	4.6	31			0
QENA	20	2	7	00	0	0	—		36	17	7	0
LUXOR	70	7	12	02	1	3	Ac	4.8	36	6	-8	0
ASWAN												
SIWA												
BAHARIYA												
FARAFRA												
DAKHLA	00	0	35	00	0	0	—	6.3	37	22	12	0
KHARGA												
SUEZ	310	4	35	02	0	0	—	8.2	31	17	3	0
TUR	270	13	7	02	0	0	—	8.2	29	59	20	0
HURGHADA												
QUSEIR	140	5	15	02	1	2	Ci	8.2	37	62	19	0
PORT SUDAN	90	1	30	03	1	4	Cu, Ac	7.4	29	84	26	0
WADI HALFA	360	8	30	03	0	0	—	1.0	36	10	0	0
ABU HAMAD	00	0	30	02	0	0	—		33	13	1	0
KAREIMA	20	6	30	02	0	0	—	2.5	35	13	3	0
'ATBARA	360	8	30	02	0	0	—	1.7	35	15	5	0
KHARTUM	320	4	30	02	0	0	—	2.2	35	12	1	0
KASSALA	40	2	30	01	1	1	Ac	2.0	31	29	11	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	0	0	—	1.9	33	14	2	0
EL FASHER	70	3	30	02	0	0	—		31	16	2	0
GENEINA	50	8	30	02	0	0	—		35	5	-11	0
MALAKAL	160	3	30	13	1	3	Cb, Ac	3.7	33	34	15	0
WAU	230	3	30	13	9	5	Cb, Ac	4.7	25	84	22	dr.
JUBA	180	5	30	13	2	5	Cb, Cs	6.5	28	58	19	0

At 0600 on Saturday 12th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM																			
SIDI BARANI											22								
MATRUH	160	5	14	01	2	5	Cs	16.4	+2.4	21	23		18		61	13	0	51	
EL DABA																			
ALEXANDRIA	360	15	50	03	1	7	As	14.2	+0.2	21	24	-2	20	+3	83	18	0	62	185
FOUAD (Airport)	330	10	18	03	1	6	Sc, Cs	14.1		22	29		18		83	19	0	63	138
DAMIETTA	340	5	15	03	0	4	As	13.3	-0.2	23			19	+2	61	15	0	Rain	104
PORT SA'ID	350	15	18	02	0	1	Ci	12.9	+0.3	24	27		22		79	20	0	18	
EL 'ARISH											28	+4							92
DAMANHUR	360	9	15	02	1	4	Ci	13.9	+0.1	25	36	+6	17	+2	61	17	0	35	100
MANSURA	360	5	35	00	0	0	—	13.0	-0.7	26	38	+7	19	+4	55	16	0	31	53
TANTA	360	8	35	03	2	6	Ac	13.9	-0.1	25	38	+6	17	+2	61	17	0	23	42
ZAGAZIG	340	3	50	02	0	0	—	12.4	-1.5	24			18	+3	74	19	0	Rain	26
ISMA'ILIA	360	5	35	01	0	0	—	12.3		26	38		19		55	16	0	17	
FAROUK (Airport)	20	7	11	03	0	1	Ci	13.1		22	40		18		78	18	0	Rain	
ALMAZA	70	7	12	01	0	2	Cc	12.7	-0.6	22	40		17		83	19	0	12	
EZBEKIYA	360	8	12	02	1	1	Ac	12.0	-1.3	24	40	+8	19	+2	69	18	0	11	25
GIZA	360	8	12	02	1	1	Ac	12.3	-1.0	23	40	+8	18	+4	74	18	0	11	25
HELWAN	360	5	7	05	0	0	—	11.9	-1.2	24	41	+9	20	+3	61	16	0	12	28
FAIYUM	360	8	35	02	0	0	—	13.1	+0.1	24	42	+8	21	+4	64	18	0	8	8
MINYA	10	12	8	00	0	0	—	10.9	-1.4	27	42		21		52	16	0	3	
ASYUT MANQABAD	340	4	12	00	0	0	—	10.6	-1.6	29	44		23		27	8	0	dr.	
NAG' HAMMADI											42	+6							
QENA	270	1	15	00	0	0	—	9.4	-1.3	28	44	+6	22	+2	27	7	0	0	
LUXOR	20	4	30	00	0	0	—	8.9	-2.0	32	44		22		8	-6	0	0	
ASWAN	00	0	50	00	0	0	—	8.0	-2.8	32			26	+3	24	9	0	0	
SIWA																			8
BAHARIYA																			7
FARAFRA																			
DAKHLA	340	6	35	00	0	0	—	9.5	-2.9	32	43	+6	26	+7	34	14	0	0	
KHARGA																			
SUEZ	360	4	50	00	0	0	—	10.7	2.1	29	41	+9	21	+3	23	6	0	5	17
TUR	220	2	50	02	0	0	—	10.3	-0.5	27	34	+3	20	0	37	11	0	4	13
HURGHADA	340	5	30	03	0	1	Ci	8.8	-2.3	25			22	+2			0	dr	
QUSEIR	90	5	15	02	0	0	—	9.8	-1.0	25	31	0	22	-1	74	20	0	dr.	4
PORT SUDAN	60	2	30	03	0	3	Sc	8.7		30	32		25		74	25	0		96
WADI HALFA	140	4	30	02	0	0	—	6.6		33	45		25		13	1	0	dr.	
ABU HAMAD	90	4	30	02	0	0	—			33	42		26		26	11	0		
KAREIMA	50	6	30	02	0	0	—	5.8		30	42		23		24	7	0	dr.	1
'ATBARA	110	8	30	02	0	1	Ac	5.3		33	42		27		30	13	0	0.3	5
KHARTUM	160	3	30	02	0	1	Ac	5.3		34	41		24		12	1	0	dr.	6
KASSALA	160	4	30	01	2	3	Ac	4.9		34	42		26		25	11	0	3	16
WAD MEDANI	230	9	35	02	0	0	—	5.0		34	42		24		29	13	0	46	18
RENK																			66
ROSEIRES																			73
EL OBEID	90	11	30	02	0	0	—	5.9		30	40		23		29	10	0	7	24
EL FASHER	320	3	30	02	0	0	—			24	40		17		24	2	0	6	10
GENEINA	50	2	30	02	0	0	—			24	41		17		18	-2	0		13
MALAKAL	180	9	30	01	0	2	Ac, Ci	8.2		29	39		25		59	20	2	78	146
WAU	180	7	30	02	0	1	Ac	8.0		27	37		23		70	21	dr.	66	281
JUBA	130	5	30	02	2	7	Ac	10.0		27	33		23		66	20	0	340	365

HUMIDITY % Mean of day

Station	on 11th	Diff. from normal
Alexandria	80	+10
Ezbeklya	28	-22
Giza	33	-18
Helwân	25	-13

GIZA

GRASS MINIMUM TEMP. ON 12th 16.1°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 11th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	70	39	14	40	17
950					
900					
850	1527	26	20	60	16
800					
700	3184	11	19	260	9
600					
500	5890	-9		290	18
400	7576	-23		300	26
300	9621	-38		330	57

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 11th

Station	Port Said		Fuad A.P.		Minya		Siwa		Dakhla		Asyut		El Arish		Kharga		S. Barani				Fuad A.P.		Minya		Port Said	
Time	14		14		14		14		14		14		15		14		14				20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	17	40	16	340	14	330	10	350	10	70	5	10	20	340	22	360	17			50	19	30	21	70	34
600	30	17	40	19	350	13	340	10	340	10	80	5	10	20	340	27	360	22			50	16	80	18	60	27
1000	50	12	100	11	360	13	350	5			70	4	10	14	350	26	360	12			80	11	60	18	30	19
1500	70	15	90	13	30	11	350	13			120	6	10	6			330	4			90	4	20	11	50	9
2000	100	8	90	2	130	9	10	13			140	3											20	10	340	9
3000	80	12	250	10	110	5	330	23			190	7													350	20
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 12th

Station	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		
Time					2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300					10	13	80	9					10	16									
600					40	6	90	14					70	10									
1000					120	3	80	9					100	14									
1500					190	7	20	3					100	4									
2000					260	12	290	9															
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
Time									4		4								4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									350	7														
600									20	3	110	15												
1000									80	9	110	17							180	13				
1500									40	11	80	14							180	3				
2000																			360	4				
3000									10	11	20	21							10	7				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

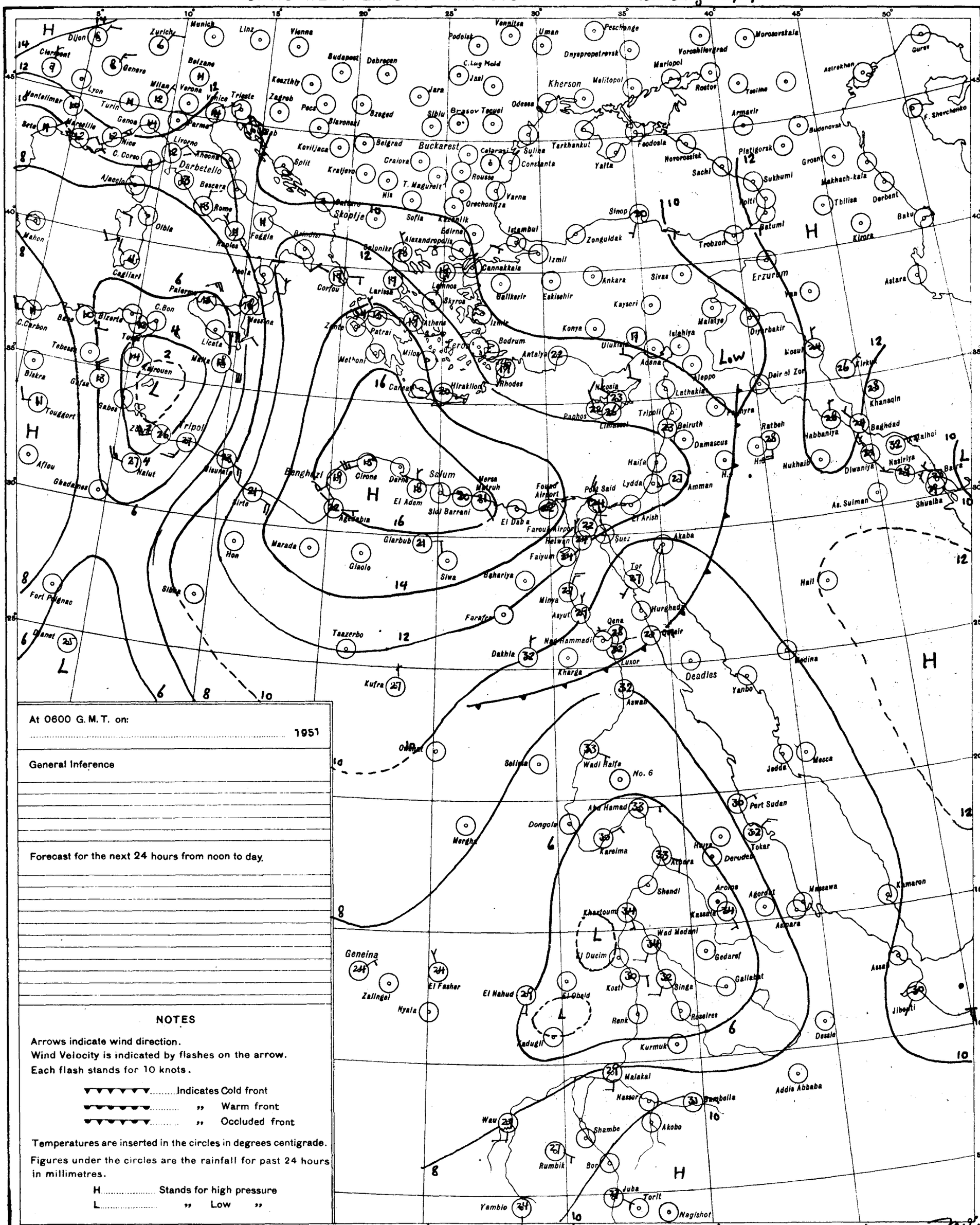
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 12/5/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 04 G. M. T.

„ „ Sunset 16 39 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 13th May, 1951

At 1200 on Saturday 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	70	5	35	03	2	8	as	13.9	23	50	12
	303	SÎDI BARÂNI	350	3	15	02	2	8	Sc	15.2	22	53	12
	306	MATRÛH	360	11	15	03	1	5	Cc	15.1	22	47	10
	309	EL DABʿA											
		ALEXANDRIA	360	21	50	02	2	7	Cs	14.0	22	74	17
	318	FOUAD (Airport)	360	14	18	03	2	8	as,Cs	14.1	22	74	17
	330	DAMIETTA	40	5	15	03	2	7	as	12.7	27	52	16
	333	PORT SAʿÎD	10	8	30	02	2	7	Cs	12.0	27	58	18
	336	EL ʿARISH	20	5	35	03	1	3	Cu	13.1	26	55	16
Lower Egypt	339	DAMANHUR	360	13	15	02	1	6	as	13.4	29	52	18
	342	MANṢURA	40	9	15	03	1	8	Cs	11.6	34	27	12
	348	TANTA	00	0	35	03	2	8	ac	12.2	34	36	17
	354	ZAGAZIG	40	5	50	03	1	6	Ci	10.6	34	36	17
	440	ISMAʿILÎA	110	8	35	03	2	8	Ci	10.0	35	23	11
Cairo Area	366	FAROUK (Airport)	70	8	18	01	2	4	ac,Cs	10.6	37	18	9
	372	ALMÂZA	130	6	15	01	1	4	Cs	9.9	36	20	10
		EZBEKÎYA	40	6	18	02	1	5	ac,Ci	9.9	37	22	12
		GÎZA	40	6	18	02	1	5	ac,Ci	10.3	38	16	8
	378	HELWÂN	20	2	15	03	1	4	Cc	8.8	38	13	5
Upper Egypt	381	FAIYÛM	360	8	35	03	2	9	Ci	9.5	39	17	10
	387	MINYA	360	8	10	03	0	5	Cs	8.1	40	19	12
	393	ASYÛT MANQABÂD	00	0	30	00	0	0	—	7.3	42	12	7
	399	NAGʿ ḤAMMÂDI	00	0	35	00	0	0	—	7.5	41	23	16
	402	QENA	90	2	50	00	0	0	—	7.1	43	5	-4
	405	LUXOR											
	414	ASWÂN	20	10	35	00	0	0	—	6.0	43	11	6
Oases	417	SÎWA	20	16	10	00	0	0	—	14.3	34	20	8
	420	BAHARÎYA	40	2	15	02	2	8	as	9.5	39	30	18
	423	FARAFRA	90	1	7	02	0	0	—	9.6	40	10	2
	432	DAKHLA	20	11	50	03	0	2	Ci	6.4	42	18	13
	436	KHARGA	00	0	15	03	1	1	Ci	6.3	43	11	6
Red Sea	450	SUEZ	360	3	50	03	0	4	Sc	8.8	32	34	14
	459	TÔR											
	462	HURGHÂDA	100	2	30	03	1	2	Cs	8.6	31	49	19
	465	QUSEIR	110	9	15	02	0	0	—	9.4	27	84	24
	641	PORT SÛDÂN	40	9	30	02	1	4	Cu	8.9	31	79	27
North Sûdân	600	WÂDI HALFA	90	6	30	03	0	1	Cu	4.0	43	9	4
	640	ABU ḤAMAD	80	5	30	02	0	0	—		42	7	-1
	660	KAREIMA											
	680	ʿATBARA	90	5	30	03	0	0	—	1.3	42	9	2
	721	KHARTÛM	270	4	50	03	0	2	Cu	1.3	41	9	2
	730	KASSALA	310	2	30	03	2	6	—	0.8	41	17	11
Central Sûdân	751	WÂD MEDANI											
	801	RENK	230	5	35	01	1	5	Cu	2.6	39	26	16
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	180	4	30	03	1	5	Cu,Cs	3.4	38	29	17
	880	WÂU	200	8	30	03	0	2	Cu	3.7	36	35	18
	941	JUBA											

At 1800 on Saturday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	20	2	15	02	2	5	Cs	13.5	20	73	15	0
SÎDI BARÂNI	100	7	12	02	5	5	Cs	12.9	20	69	14	dr.
MATRÛH	00	0	10	02	2	8	as	13.7	20	73	15	0
EL DABʿA												
ALEXANDRIA	00	0	35	03	2	8	as	14.0	22	69	16	0
FOUAD (Airport)	20	5	12	02	2	8	as	13.5	21	78	17	0
DAMIETTA	20	6	7	03	2	8	as	14.0	22	83	19	0
PORT SAʿÎD	10	21	15	01	2	7	Cs	13.7	23	84	20	0
EL ʿARISH	360	4	15	02	2	2	ac,Cs	13.4	22	83	19	0
DAMANHUR	360	9	15	02	1	6	As	14.3	22	74	17	0
MANṢURA	40	9		03	2	8	Cs	13.9	23	74	18	0
TANTA	360	2	35	03	2	6	ac,Ci	13.7	24	61	16	0
ZAGAZIG	40	9	35	03	1	8	Cs	13.8	24	54	14	0
ISMAʿILÎA	20	9	35	03	2	8	Cs	13.4	25	47	13	0
FAROUK (Airport)	70	16	12	02	2	9	Cc	14.1	26	48	14	0
ALMÂZA	70	16	12	03	0	4	Cs	13.2	27	42	13	0
EZBEKÎYA	360	8	12	02	1	8	Ci	13.9	27	40	12	0
GÎZA	360	8	12	02	1	8	Ci	13.6	28	33	10	0
HELWÂN	360	16	7	05	2	8	ac	13.1	27	37	11	0
FAIYÛM	360	9	35	03	2	8	Ci	12.9	30	40	15	0
MINYA	20	14	8	02	1	7	Cs	9.5	32	38	16	0
ASYÛT MANQABÂD	00	0	10	02	1	1	Ci	9.0	34	18	6	0
NAGʿ ḤAMMÂDI	00	0	15	00	0	0	—	7.8	30	25	8	0
QENA	130	1	7	00	0	0	—	8.2	32	24	9	0
LUXOR	90	10	12	00	0	0	—	7.1	38	7	-4	0
ASWÂN	320	3	35	00	0	0	—	7.1	37	14	6	0
SÎWA												
BAHARÎYA	360	3	15	01	2	4	ac	11.6	33	38	17	0
FARAFRA	360	6	15	03	3	6	ac	9.9	34	14	3	0
DAKHLA	40	2	50	00	0	0	—	6.4	37	24	13	0
KHARGA	00	0	15	00	0	0	—	7.5	37	14	6	0
SUEZ	310	6	35	01	0	0	—	12.6	27	37	11	0
TÔR												
HURGHÂDA	00	0	12	02	1	3	Ci	8.9	26	42	12	0
QUSEIR	90	5	15	02	0	0	—	9.0	26	51	15	0
PORT SÛDÂN	70	3	30	03	1	4	Cu	9.7	29	84	26	0
WÂDI HALFA	20	12	30	02	0	0	—	4.7	39	8	-2	0
ABU ḤAMAD	20	3	30	02	0	0	—		35	15	5	0
KAREIMA	20	8	30	02	0	0	—	3.1	37	17	8	0
ʿATBARA	30	6	30	03	0	1	Ci	2.2	37	11	1	0
KHARTÛM	340	3	30	01	0	0	—	2.2	36	17	7	0
KASSALA	40	4	30	01	9	3	Cb	2.0	34	20	8	dr.
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	1	3	ac	2.3	34	22	9	0
EL FÂSHER	60	2	30	01	0	0	—		31	18	4	0
GENEINA	80	4	50	02	0	0	—		32	6	-11	0
MALAKÂL	320	3	30	13	2	8	Cb	4.7	31	28	10	0
WÂU	00	0	30	01	0	0	—	3.9	33	44	19	0
JUBA	00	0	50	13	1	6	Cb,ac	5.9	30	59	21	0

At 0600 on Sunday 13th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Bar. Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	110	2	15	02	2	7	as,Cs	13.1	+0.1	20	24	-3	19	+3	73	15	0	90	
SÎDI BARÂNI	90	2	14	02	1	2	Ci	13.8		23	24		18		47	11	dr.	108	
MATRÛH	160	6	14	01	2	6	as,Cs	14.3	+0.3	22	24		17		78	18	0	51	
EL DABʿA																			
ALEXANDRIA	40	10	50	02	2	8	as	14.3	+0.3	21	28	+2	20	+2	83	18	0	62	185
FOUAD (Airport)	10	5	18	03	2	8	as	15.1		22	30		18		77	18	0	63	138
DAMIETTA	360	5	7	02	2	8	as	15.2	+1.7	23	29	+3	20	+3	74	18	0	Rain	104
PORT SAʿÎD	10	19	14	02	2	8	ac	14.6	+2.0	23	28		22		84	20	0	18	
EL ʿARISH											29	+2							92
DAMANHÛR	40	5	15	02	2	8	as	15.1	+1.3	23	30	0	20	+5	74	18	0	35	100
MANṢÛRA	40	5	15	03	1	7	ac	14.6	+1.0	23	36	+5	22	+6	74	18	0	31	53
TANTA	00	0	35	03	2	8	ac	14.1	+0.1	25	34	+2	20	+5	70	19	0	23	42
ZAGAZIG	00	0	15	03	1	8	Ci	13.9	+0.1	24	39?	+7	20	+5	47	12	0	Rain	26
ISMAʿÎLÎA	20	2	35	03	2	8	ac	14.6		26	37		21		55	16	0	17	
FAROUK (Airport)	20	10	10	03	2	8	Sc	14.4		26	38		22		55	16	0	Rain	
ALMÂZA	40	10	10	02	2	7	ac	13.7	+0.4	24	37		21		69	18	0	12	
EZBEKÎYA	00	0	12	02	1	8	Cs	14.2	+0.9	25	38	+6	22	+5	61	17	0	11	25
GÎZA	00	0	12	02	1	8	Cs	14.2	+0.9	24	39	+7	20	+6	69	18	0	11	25
HELWÂN	320	12	3	05	2	8	ac	13.9	+0.8	27	39	+7	21	+4	42	13	0	12	28
FAIYÛM	360	6	35	02	2	8	as	14.0?	+1.0	28	40	+6	23	+6	33	10	0	8	8
MINYA	340	6	8	03	0	6	Sc	12.7	+0.4	26	41		22		45	13	0	3	
ASYÛT MANQABÂD	270	3	8	10	0	6	Cs	12.1	-0.1	28	44		24		40	13	0	dr.	
NAGʿ ḤAMMÂDI	00	0	15	00	0	0	—	11.8	+0.6	29	42	+6	21	+3	46	16	0	0.1	
QENA	90	1	15	00	0	0	—	11.6	+0.9	29	44	+6	22	+2	23	6	0	0	
LUXOR	00	0	30	00	0	0	—	11.2	+0.4	32	45		22		22	8	0	0	
ASWÂN											43	+4							
SÎWA	90	3	12	01	0	6	ac,Ci	13.8	-0.6	27			23	+7	45	14	0	dr.	8
BAHARÎYA	20	3	35	02	2	8	as	13.1	-0.4	28	40	+6	23	+6	40	13	0	0	7
FARAFRA	90	1	35	01	0	3	ac	12.4		27	41		26		27	6	0	dr.	
DAKHLA	00	0	35	02	0	0	—	11.5	-0.8	32	44	+7	25	+6	34	14	0	0	
KHARGA	40	1	7	00	0	0	—	10.6	-0.7	31	44	+6	26	+5	17	3	0	0	
SUEZ	360	4	50	00	0	6	Sc	12.8	+0.1	27	39	+7	21	+3	52	16	0	5	17
TÔR																			13
HURGHADA	320	4	12	02	1	3	ac	11.6	+0.5	28	32		19		40	13	0	dr.	
QUSEIR	360	5	15	02	0	0	—	12.3	+1.5	29	33	+2	22	-1	40	14	0	dr.	4
PORT SÛDÂN	50	7	30	01	0	2	Sc	11.9		30	32		25		66	23	0	153	96
WÂDI HALFA	00	0	30	02	0	0	—	9.5		35	45		28		30	15	0	dr.	
ABU ḤAMAD	90	10	10	02	0	0	—			34	43		26		25	11	0		
KAREIMA	60	4	30	02	0	0	—	7.8		34	43		28		32	15	0	dr.	1
ʿATBARA											43								5
KHARTÛM	180	23	10	07	1	3	ac	6.1		35	43		31		23	11	dr.	dr.	6
KASSALA	180	3	30	01	2	5	Cs	7.3		33	43		25		32	14	dr.	3	17
WÂD MEDANI	230	13	35	02	2	8	Cs	7.4		32	43		28		29	12	0	46	18
RENK																			67
ROSEIRES	230	5	7	51	5	8	as	7.0		32	38		21		52	21	2	2	75
EL OBEID	200	15	30	02	0	1	ac	6.6		30	41		26		40	15	0	7	24
EL FÂSHER	310	3	30	02	0	0	—			25	39		19		24	3	0	6	10
GENEINA											40								14
MALAKÂL	160	2	30	01	8	7	Cb,ac	9.6		28	40		25		55	18	0.6	79	148
WÂU	130	10	4	95	8	8	Cb	11.8		24	38		24		84	21	2	168	265
JUBA	180	5	30	03	1	5	ac	9.5		29	36		25		55	19	0	300	370

HUMIDITY % Mean of day

Station	on 12th	Diff. from normal
Alexandria	79	+8
Ezbekîya	53	+3
Gîza	51	0
Helwân	46	+8

GÎZA
GRASS MINIMUM TEMP. ON 13th 17.6°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 13th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	106	30	35	10	26
950					
900					
850	1529	22	21	320	6
800					
700	3183	12		250	16
600					
500	5899	-8		300	35
400	7592	-20		290	23
300	9662	-28		290	31

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs AIRPORT — On 12th At 8h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	164	28	37	340	8
950					
900					
850	1580	20	35	50	11
800					
700	3150	11	28	230	11
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

Station	Minya		El Arish		Port Said		Hurghada		Matruh		Dakhla		Asyut		Kharga		Siwa		Farouk A.P.		Fouad A.P.		Minya		Port Said	
Time	14		14		14		14		14		14		14		14		14		20		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	16	10	8	350	24	130	13	340	15	40	3			90	5	30	3	60	20	80	10	20	22	20	5
600	340	9	60	4	340	19	130	14	310	14	30	4			100	10	30	42	40	22	10	8	40	29	10	4
1000	330	10	40	2	320	10	150	13	310	20	60	3	330	2	110	12	20	40	40	20	330	12	50	16	10	5
1500	20	5	260	11	240	6	40	5			110	9	210	8			30	33			340	28	150	7	10	7
2000	100	7					10	5					290	3			40	31			310	23	150	6		
3000							300	14					340	14			100	24								
4000													340	19			220	23								
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time			4		2		3																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			80	3	100	7	30	2																
600			30	6	30	3	170	4																
1000			360	15	10	9	240	8																
1500			300	6	300	8	330	23																
2000			240	4	280	7	310	23																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time							8																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							10	7																
600							10	10																
1000							20	10																
1500							30	14																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- „ Velocity „ Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

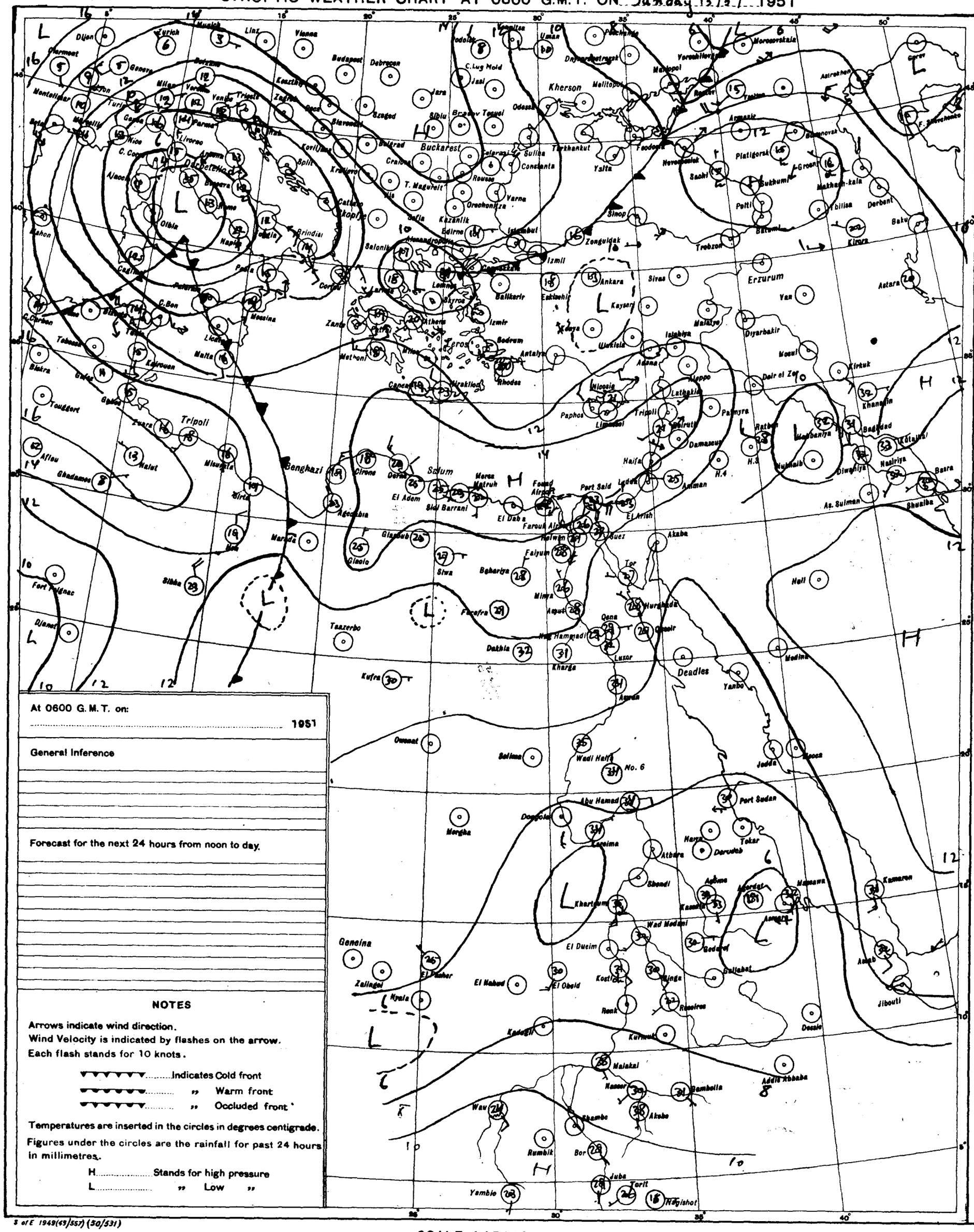
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 13/5/ 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless.....00.
Clouds dissolving.....01.
State of sky generally unchanged...02
Clouds developing.....03

Visibility more than 1000 metres:
- Visibility reduced by smoke.....04
- Dry haze.....05.
- Dust in the air.....06
- ,, or sand raised by wind.....07.
- Dust devil.....08
- Duststorm or sandstorm within sight or at station during last hour....09.
- Mist.....10.
- Shallow fog.....12

Lightning, no thunder heard.....13
Precipitation within sight.....16
Thunder, no precipitation.....17.

During past hour and not at time of observation:
- Squalls.....18
- Drizzle.....20
- Rain.....21.
- Showers of rain.....25.
- ,, ,, hail.....27.
- Fog.....28
- Thunderstorm.....29.

Duststorm or Sandstorm.....31.
Fog.....45.
Drizzle.....50.
Rain.....60.
Showers of rain.....80.
,, ,, hail.....87.
Rain / Hail — Thunderstorm during the past hour.....91.
Rain / Hail — Thunderstorm during the past hour.....93.
Thunderstorm with rain.....95.
,, ,, hail.....96
,, ,, Sandstorm.....98.

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds.....0.
Some clouds.....1.
Mainly overcast.....2.
Sandstorm or Duststorm.....3.
Fog or thick dusthaze *(vis less than 1000 m.)*.....4.
Drizzle.....5.
Rain.....6.
Snow or rain and snow.....7.
Showers of rain.....8.
Thunderstorm with or without rain.....9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless.....0
1/8 of sky coverd or trace of cloud.....1
2/8 th ,, ,, ,,.....2
3/8 ,, ,, ,, ,,.....3
4/8 ,, ,, ,, ,,.....4
5/8 ,, ,, ,, ,,.....5
6/8 ,, ,, ,, ,,.....6
7/8 ,, ,, ,, ,,.....7
Sky completely covered.....8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness.....9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 03 G.M.T.

" " Sunset 16 40 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 14th May, 1951

At 1200 on Sunday 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	5	35	01	1	3	Cs	12.0	31	31	12
	303	SIDI BARANI	70	10	18	01	1	1	Ci	13.0	26	55	16
	306	MATRUH	150	7	18	01	1	3	Cc	13.9	28	33	10
	309	EL DABA											
		ALEXANDRIA	40	15	50	02	2	6	As	14.3	24	54	14
	318	FOUAD (Airport)	10	10	18	02	2	8	As	14.1	28		
	330	DAMIETTA	20	5	35	01	1	6	—	14.8	25	47	13
	333	PORT SA'ID	40	13	18	01	2	7	Ac	14.2	24	41	10
	336	EL 'ARISH	360	10	30	03	2	8	Ac	13.2	25	58	16
Lower Egypt	339	DAMANHUR	40	5	15	02	1	3	Ci	14.7	30	35	13
	342	MANSURA	40	5	35	03	1	7	Ac	13.5	29	40	14
	348	TANTA	40	5	35	03	2	8	Ac	13.8	29	46	16
	354	ZAGAZIG	320	3	15	03	1	8	Ci	13.0	28	58	19
	440	ISMA'ILIA	20	9	35	02	2	8	As	13.1	28	40	13
Cairo Area	366	FAROUK (Airport)	20	21	12	02	2	8	As	13.0	28	37	12
	372	ALMAZA	60	17	12	02	2	7	As	12.3	29	40	14
		EZBEKIYA	360	8	18	02	1	8	Cs	13.3	29	49	17
		GIZA	360	8	18	02	1	8	Cs	12.7	29	52	18
	378	HELWAN	360	20	7	02	2	8	As	10.7	32	28	11
Upper Egypt	381	FAIYUM	360	6	35	02	2	8	As	11.6	39	17	10
	387	MINYA	200	3	10	03	1	5	Ci	9.7	41	15	9
	393	ASYUT MANQABAD	00	0	30	01	1	1	Ci	9.1	44	14	11
	399	NAG' HAMMADI	00	0	35	00	0	0	—	10.2	41	34	22
	402	QENA	90	2	50	00	0	0	—	9.3	43	13	9
	405	LUXOR											
	414	ASWAN	00	0	50	00	0	0	—	7.6	43	16	12
Oases	417	SIWA	110	7	12	03	2	7	As	13.6	35	19	8
	420	BAHARIYA	40	2	35	02	2	8	As	10.7	39	30	18
	423	FARAFRA	180	1	35	03	0	3	Ac	9.8	43	11	6
	432	DAKHLA	160	5	35		0	0	—	7.4	43	20	15
	435	KHARGA	00	0	15	00	0	0	—	8.4	44	14	11
Red Sea	450	SUEZ	00	0	50	03	1	7	Sc	9.5	33	34	15
	459	TOR	270	2	15	02	0	0	—	10.8	29	40	14
	462	HURGHADA	70	2	30	00	0	0	—	10.2	31	62	23
	465	QUSEIR	90	9	15	02	0	0	—	10.2	29	66	22
	641	PORT SUDAN	50	12	30	02	0	1	Sc,Ac	9.9	31	79	27
North Sudan	600	WADI HALFA	40	12	50	03	0	1	Cs	5.7	43	6	-3
	640	ABU HAMAD	70	6	30	03	0	1	Cu		43	9	4
	660	KAREIMA	90	13	30	02	0	0	—	3.6	41	12	6
	680	'ATBARA	20	9	30	03	1	3	Cu	3.6	41	11	5
	721	KHARTUM	00	0	30	03	0	2	Cu	3.1	41	17	11
	730	KASSALA	230	3	30	01	1	5	Cu, Ci	2.6	41	16	10
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Cu	2.7	39	20	12
	801	RENK											
	802	ROSEIRES	230	5	35	02	2	8	As	5.3	39	28	17
	771	EL OBEID	20	4	30	02	1	5	Cu, Ac	2.6	38	21	12
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	130	7	30	01	2	7	Cu, Ac	5.7	35	16	6
	880	WAU	230	2	30	61	6	8	Ac	8.5	33	47	20
	941	JUBA	50	5	30	03	2	6	Cb, Ac	3.7	34	41	17

At 1800 on Sunday 13th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	00	0	15	02	1	3	Cs	11.0	23	65	16	0
SIDI BARANI	100	11	14	02	1	2	As	10.8	22	69	14	0
MATRUH	140	8	12	03	2	6	Sc	12.4	22	53	12	0
ALEXANDRIA	40	10	35	01	2	4	Ac	12.8	22	65	15	0
FOUAD (Airport)	30	7	14	01	2	4	Ac	12.7	22	61	14	0
DAMIETTA	40	5	7	01	1	4	Ac	13.4	23	61	15	0
PORT SA'ID	40	12	18	01	2	5	Ac,Cs	13.6	23	84	20	0
EL 'ARISH	40	2	15	01	0	1	Cu	13.5	21	83	18	0
DAMANHUR	40	5	15	02	1	2	Ci	13.9	22	65	15	0
MANSURA	90	5		03	2	6	Ac	13.8	23	65	16	0
TANTA	00	0	35	03	2	x	Ac	13.7	25	61	17	0
ZAGAZIG	320	4	15	03	1	3	Ci	13.3	22	50	11	0
ISMA'ILIA	20	2	35	02	1	6	Ac	13.1	25	42	11	0
FAROUK (Airport)	60	17	10	01	2	6	As	13.2	27	55	17	0
ALMAZA	70	9	12	01	2	5	Ac	12.5	27	30	8	0
EZBEKIYA	360	4	12	02	1	2	Ac	13.0	27	30	8	0
GIZA	360	4	12	02	1	2	Ac	13.0	27	33	9	0
HELWAN	40	16	7	01	2	7	Ac	11.2	28	22	4	0
FAIYUM	360	6	35	01	2	6	As	11.9	29	40	14	0
MINYA	10	11	8	01	2	7	—	9.6	31	41	16	0
ASYUT MANQABAD	00	0	10	01	1	1	Ac	8.7	35	19	8	0
NAG' HAMMADI	00	0	15	00	0	0	—	7.8	30	46	17	0
QENA	90	2	7	00	0	0	—	8.3	33	24	10	0
LUXOR	90	10	12	01	0	1	Cs	8.2	37	6	-6	0
ASWAN	00	0	50	00	0	0	—	7.9	37	12	3	0
SIWA												
BAHARIYA	40	4	15	02	2	7	Ac	10.3	34	36	17	0
FARAFRA	40	1	15	01	1	4	Ac	9.9	34	13	2	0
DAKHLA	00	0	35	00	0	0	—	7.6	38	24	14	0
KHARGA	00	0	15	03	1	1	Ci	8.4	37	14	6	0
SUEZ	310	5	35	01	0	1	Sc	11.9	28	22	4	0
TOR	00	0		02	0	0	—	10.2	29	52	18	0
HURGHADA	100	3	18	01	1	3	Ci	9.2	29	59	20	0
QUSEIR	140	5	15	00	0	2	Ci	9.8	28	70	22	0
PORT SUDAN	00	0	30	02	0	1	Cc	9.6	29	84	26	0
WADI HALFA	70	10	50	02	0	2	Cs	5.8	37	8	-2	0
ABU HAMAD	80	5	30	02	0	1	Ac		37	12	3	0
KAREIMA	50	4	30	02	0	0	—	4.1	37	17	8	0
'ATBARA	90	8	30	02	0	1	Ac	2.8	37	13	4	0
KHARTUM	180	18	10	25	8	5	St	3.4	34	25	11	dr.
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES	220	12				3	Sc,Cu	4.6	30	33	12	0
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL	180	8	30	03	2	7	Ac,Cs	5.4	31	46	18	0
WAU	180	5	30	14	9	8	Cb	7.9	28	58	19	0.3
JUBA												

At 0600 on Monday 14th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	340	7	15	00	1	3	Ci	14.4	+1.4	23	32	+5			61	15	0	90	
SIDI BARANI	340	11	14	00	0	0	—	14.8		20	27		18		64	13	0	108	
MATRUH	360	14	15	02	2	4	Ac	13.5	0.5	21	29		19		69	15	0	51	
EL DABA																			
ALEXANDRIA	310	6	50	03	2	8	As	13.1	0.9	23	25	-1	20	+2	61	15	0	62	185
FOUAD (Airport)	270	12	14	02	2	8	Ac	13.3		24	29		20		61	16	0	63	138
DAMIETTA	110	8	7	03	2	8	As	11.9	-1.6	24	28	+2	21	+4	69	18	0	Rain	104
PORT SA'ID	90	13	14	02	2	8	As	11.0	-1.6	24	25		22		74	19	0	18	
EL 'ARISH	140	12	14	03	2	8	Sc,Cu	10.7	-2.8	24	25	-2	17	+2	54	14	0	Rain	92
DAMANHUR	230	5	7	02	1	7	As	12.4	-1.4	24	31	+1	20	+5	61	16	0	35	100
MANSURA	40	5	15	03	2	8	Sc,Cu	11.2	2.4	24	32	+1	20	+4	69	18	0	31	53
TANTA	00	0	35	03	2	x	Ac	12.0	-2.0	24	33	+1	19	+4	69	18	0	23	42
ZAGAZIG	320	5	15	03	1	8	Ci	11.2	-2.6	24	33	+1	21	+6	69	18	0	Rain	26
ISMA'ILIA	290	2	35	02	2	8	As	10.9		26	31		21		42	12	0	17	
FAROUK (Airport)	320	10	10	02	2	8	Sc	10.9		30?	33		23		33	12	0	Rain	
ALMAZA	290	5	12	03	2	7	As	10.5	-2.8	26	34		22		42	12	0	12	
EZBEKIYA	00	0	12	02	1	8	As	11.0	-2.3	26	33	+1	22	+5	48	14	0	11	25
GIZA	00	0	12	02	1	8	As	10.8	-2.5	26	33?	+1	21	+7	47	13	0	11	25
HELWAN	340	4	7	02	2	8	As	10.3	2.7	20	38?	+6	23	+6	33	10	0	12	28
FAIYUM	00	0	35	03	2	8	As	11.9	-1.1	26	40	+6	23	+6	42	12	0	8	8
MINYA	00	0	8	02	2	7	As	10.7	-1.6	27	42		23		20	2	0	3	
ASYUT MANQABAD	300	3	8	10	0	2	Ac	10.5	-1.7	31	44		25		33	13	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	10.7	-0.4	28			21	+3	52	17	0	0.1	
QENA	320	1	15	03	1	5	As	10.1	-0.6	31	45	+7	23	+3	31	12	0	0	
LUXOR	00	0	30	03	0	2	Ac	10.3	-0.4	34	45		24		16	5	0	0	
ASWAN	00	0	50	00	0	0	—	10.7	0.0	30	44	+5	26	+3	35	13	0	0	
SIWA	360	10	12	03	0	8	As	12.7	-1.7	24					69	18	0	dr.	8
BAHARIYA	00	0	35	02	2	7	Ac	11.4	-2.0	31	41	+7	26	+9	43	17	0	0	7
FARAFRA	360	1	35	03	2	8	Ac	11.6		30	43		25		21	5	0	dr.	
DAKHLA	00	0	50	00	0	0	—	10.5	-1.8	30	45	+8	23	+4	31	11	0	0	
KHARGA	00	0	35	00	0	0	—	9.9	-1.4	33	45	+7	25	+4	16	4	0	0	
SUEZ	00	0	35	00	2	8	As	9.8	-2.9	28	38	+6	22	+4	27	7	0	5	17
TOR	290	2	35	02	0	0	—	10.2	0.5	26	36	+5	22	+2	45	13	0	4	13
HURGHADA	00	0	12	01	1	4	Ci	9.9?	-1.1	29	31	+2	22		46	16	0	dr.	
QUSEIR	360	5	15	00	0	7	Ac	10.7?	0.0	32	32	+1	24	+1	46	19	0	dr.	4
PORT SUDAN	00	0	30	03	1	5	Cu	10.7		31	33		24		62	23	0	15.3	96
WADI HALFA	130	7	80	01	0	0	—	9.3		34	44		27		20	8	0	dr.	
ABU HAMAD	90	8	30	02	0	0	—			33	43		27		26	11	0		
KAREIMA	180	3	50	02	0	0	—	8.2		32	43		29		36	15	0	dr.	1
'ATBARA	70	15	10	07	1	5	Ac	8.0		33	42		26		23	9	0	0.3	5
KHARTUM	10	6	30	03	1	7	As	7.6		33	43		27		28	12	dr.	dr.	6
KASSALA																			17
WAD MEDANI	50	9	50	02	2	8	As	8.3		30	41		24		38	14	dr.	46	19
RENK																			68
ROSEIRES	280	9	35	02	1	5	Cu	10.2		29	40		21		49	17	0	2	77
EL OBEID											40								25
EL FASHER																			10
GENEINA	200	3	30	02	0	0	—			27	41		22		52	16	0		15
MALAKAL	210	11	30	60	2	8	Ns,Cs	11.7		26	37		25		70	20	dr.	79	150
WAU	230	3	30	01	2	8	As,Cs	10.4		24	35		22		79	20	2	170	289
JUBA	200	9	10	61	6	8	Ns,Ac	10.4		21	35		20		94	20	7.3	308	375

HUMIDITY % Mean of day

Station	on 13th	Diff from normal
Alexandria	74	+3
Ezbeklya	45	-5
Giza	45	-6
Helwan	31	-7

GIZA GRASS MINIMUM TEMP. ON 14th 19.3°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 13th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	114	30	35	40	10
950					
900					
850	1545	25	21	250	4
800					
700	3206	12	33	250	25
600					
500	5917	-9		280	48
400	7610	-20		280	35
300	9376	-36		280	39

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 13th

Height m.	Fouad A.P. Dir.	Fouad A.P. Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Kharga Dir.	Kharga Vel.	El Arish Dir.	El Arish Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14		14		20		20		20	
300	60	9	160	9	50	16	210	5	360	9	90	16	120	2	20	16	20	17	140	5	100	23	40	18	80	16
600	10	9	90	11	20	12	230	25	340	7	80	14	130	3	20	16	20	10	80	5	80	8	20	18	60	14
1000	30	4	150	7	290	7	290	3	340	6	70	16	130	3	350	10	360	7	170	4	30	3	330	4	280	3
1500	250	9	300	3	290	10	320	5	220	2	90	10			330	13			340	13	260	2	160	3	300	6
2000	280	12			280	12			220	4	230	9							40	10	270	2			320	4
3000	240								350	3	210	25							300	10					340	3
4000																			30	21						
5000																			300	20						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time							2						2											
300							100	24					10	9										
600							110	7					20	18										
1000							240	13					50	12										
1500							250	34					50	18										
2000							250	29																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time											4		4				3				4			
300																								
600											90	18	100	13			80	3						
1000											100	19	100	24			140	16			230	8		
1500											160	19	90	23			130	15			240	23		
2000											150	17					300	3			280	7		
3000											200	17	70	15			350	3			60	17		
4000													70	7										
5000													350	4										
6000													80	17										
7000																								
8000																								

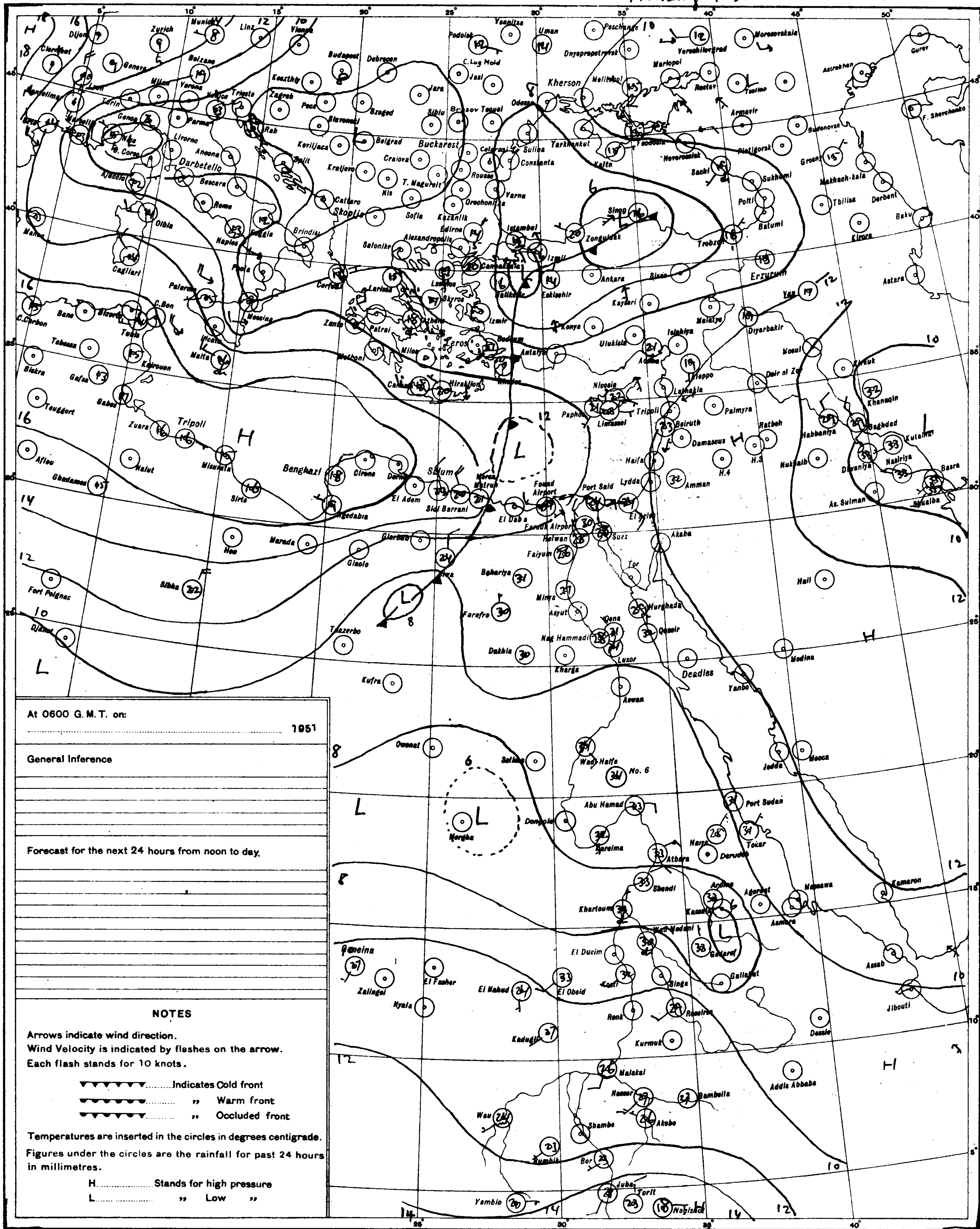
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 14/5/* 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00
Clouds dissolving	01
State of sky generally unchanged	02
Clouds developing	03
Visibility more than 1000 metres: Visibility reduced by smoke	04
Dry haze	05
Dust in the air	06
,, or sand raised by wind	07
Dust devil	08
Duststorm or sandstorm within sight or at station during last hour	09
Mist	10
Shallow fog	12
Lightning, no thunder heard	13
Precipitation within sight	16
Thunder, no precipitation	17
During past hour and not at time of observation: Squalls	18
Drizzle	20
Rain	21
Showers of rain	25
,, ,, hail	27
Fog	28
Thunderstorm	29
Duststorm or Sandstorm	31
Fog	45
Drizzle	50
Rain	60
Showers of rain	80
,, ,, hail	87
Rain } Thunderstorm during	91
Hail } the past hour	93
Thunderstorm with rain	95
,, ,, hail	96
,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

"F. Souroup"

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 02 G. M. T.

" " Sunset 16 41 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 15th May, 1951

At 1200 on Monday 14th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	20	5	35	00	0	0	—	14.6	22	83	19
	303	SÎDI BARÂNI	340	13	18	01	0	1	Ci	14.6	22	57	13
	306	MATRÛH	20	13	18	03	1	6	Ci	14.1	22	50	11
	309	EL DABA											
		ALEXANDRIA	360	19	50	02	5	8	As	11.9	22	74	17
	318	FOUAD (Airport)	320	11	18	21	6	7	Ac	12.6	24	61	16
	330	DAMIETTA	320	5	7	02	5	8	As	12.6	25	70	19
	333	PORT SAÏD	10	2	30	02	2	8	Ac	11.0	25	74	20
	336	EL 'ARISH	20	6	18	02	2	7	Ac, Ci	10.2	27	45	14
Lower Egypt	339	DAMANHUR	40	2	15	02	2	8	As	12.6	26	48	14
	342	MANSURA	360	5	15	03	2	8	Sc	11.6	33	38	17
	348	TANTA	310	8	35	03	2	8	Ac	12.6	31	43	17
	354	ZAGAZIG	320	3	35	03	1	4	As	11.1	32	41	17
	440	ISMAÎLIA	360	5	35	02	2	8	As	10.8	32	38	16
Cairo Area	366	FAROUK (Airport)	320	9	11	02	2	7	As	11.3	35	29	14
	372	ALMAZA	350	6	12	02	2	7	Ac, Ci	10.5	34	36	17
		EZBEKÎYA	00	0	18	02	1	8	Ac	10.6	34	32	15
		GÎZA	00	0	18	02	1	8	Ac	10.8	34	32	15
	378	HELWÂN	320	8	7	02	2	8	Ci	11.0	[illegible]	23	11
Upper Egypt	381	FAIYÛM	00	0	35	02	2	8	As	9.3	37	18	9
	387	MINYA	350	11	10	01	2	6	Ci, Cs	8.5	38	18	10
	393	ASYÛT MANQABÂD	340	8	15	03	1	4	Ac	7.3	41	18	12
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	8.2	42		
	402	QENA	130	1	35	02	1	5		7.6	44	12	8
	405	LUXOR	260	8	30	01	1	2	Cs	6.2	44	7	0
	414	ASWÂN	00	0	50	01	1	3	Ci	6.2	43	13	9
Oases	417	SÎWA	20	14	10	02	2	6	Ac	14.2	32	15	2
	420	BAHARÎYA	360	2	35	02	2	7	Ac	9.5	37	27	15
	423	FARAFRA	40	1	35	03	1	5	Ac	9.6	40	15	9
	432	DAKHLA	340	8	50	03	2	6	Ci	7.1	43	16	12
	435	KHARGA	00	0				4	Ci	6.6	44	14	11
Red Sea	450	SUEZ	360	3	35	02	2	8	As	9.5	30	40	15
	459	TÔR											
	462	HURGHADA	310	4	18	02	2	6	Ac	8.6	29	70	23
	465	QUSEIR	20	9	15	01	1	0	—	9.6	29	70	23
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	120	6	30	03	2	7	Cu, Cs	3.1	40	12	6
	721	KHARTÛM	310	7	30	03	1	6	Cu, Cs	3.1	41	18	12
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	310	9	35	02	2	8	As	3.2	38	21	12
	801	RENK	230	9	35	02	1	5	Cu	7.0	35	44	21
	802	ROSEIRES	230	9	35	02	1	4	Cu	5.6	36	35	18
	771	EL OBEID	210	7	30	02	8	7	Ac	5.0	35	32	16
	760	EL FÂSHER	130	4	30	03	1	3	Cu		38	21	12
	770	GENEINA	20	3	30	03	0	2	Cu		37	18	9
S. Sudan	840	MALAKÂL											
	880	WAU											
	941	JUBA	00	0	30	01	6	7	Cb, Ac	8.8			22

At 1800 on Monday 14th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	340	5	15	00	0	0	—	14.8	19	73	14	0
MATRÛH	10	9	14	00	0	0	—	14.5	19	68	13	0
ALEXANDRIA	360	12	35	01	2	6	Cs	13.6	20	73	15	dr.
FOUAD (Airport)	330	10	12	02	2	7	Cs	13.6	20	88	18	dr.
DAMIETTA	320	5	7	02	2	7	As	13.0	22	83	19	dr.
PORT SAÏD	350	10	14	01	2	4	Ac, Ci	12.3	23	65	16	0
EL 'ARISH	340	11	12	02	2	7	Cb, Ac	11.2	23	84	20	0
DAMANHUR	360	9	15	02	1	8	As	13.4	21	83	18	0
MANSURA	360	3		03	2	6	Ac	13.0	23	65	16	0
TANTA	00	0	35	03	2	6	Ac	13.4	22	83	19	0
ZAGAZIG	320	1	35	03	1	4	As	12.4	23	74	18	0
ISMAÎLIA	360	13	15	06	2	6	As	12.2	24	61	16	0
FAROUK (Airport)	20	13	12	02	2	7	Ac	13.1	25	54	15	0
ALMAZA	40	13	15	03	2	7	As	12.0	25	61	17	0
EZBEKÎYA	00	0	12	02	1	5	Ac	12.4	25	54	15	0
GÎZA	00	0	12	02	1	5	Ac	12.7	25	54	15	0
HELWÂN	360	11	7	02	2	8	Ac	11.4	26	48	14	0
FAIYÛM	360	5	35	02	2	8	As	11.4	27	42	13	0
MINYA			8	02	2		Ac	9.6	30	35	13	0
ASYÛT MANQABÂD	00	0	10	01	1	2	Ac	7.9	35	18	7	0
NAG' HAMMÂDI	00	0	7	03	3	6		6.6	32			0
QENA	270	1	7	02	1	5	As	7.0	35	19	8	0
LUXOR	00	0	12	00	0	0	—	5.8	38	14	6	
ASWÂN	00	0	50	00	0	0	—	6.3	37	18	9	0
SÎWA	20	3				4	As	13.5	27	30	8	6
BAHARÎYA	360	5	15	02	2	8	Ac	11.5	28	52	17	0
FARAFRA	360	2	15	03	1	2	Ac	10.0	32	24	9	0
DAKHLA	40	4	35	01	0	6	Ci	6.8	39	21	13	0
KHARGA	360	1	15	01	1	1	Ci	7.0	37	14	6	0
SUEZ	310	19	35	01	4	6	As	11.4	26	55	16	0
TÔR												
HURGHADA												
QUSEIR	360	9	15	03	2	6	Ci	9.1	30	40	15	0
PORT SUDÂN	160	1	18	02	0	6	Ci	7.9	30	66	23	0
WÂDI HALFA	00	0	50	03	0	2	Cs	4.7	38	11	3	0
ABU HAMAD	40	2	50	02	0	0	—		37	16	7	0
KAREIMA	20	2	50	02	0	0	—		36	25	13	0
'ATBARA	110	4	30	02	2	8	Cs	3.5	37	11	2	0
KHARTÛM	00	0	30	02	2	7	Sc, As	3.2	37	20	11	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	190	8	30	02	2	8	Ci	5.8	32	43	18	dr.
EL FÂSHER												
GENEINA												
MALAKÂL	00	0	30	01	0	1	Ci	7.4	27	70	21	0
WAU	00	0	30	01	2	7	Ac, Cs	8.8	26	94	25	0.4
JUBA												

At 0600 on Tuesday 15th May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	40	9	15	03	2	6	Ac, Ci	16.8	+3.8	20	22	-5	15	-2	64	13	0	90	
SÎDI BARÂNI	310	12	14	03	1	3	Cu, Ci	15.6		21			16		57	12	0	108	
MATRÛH	360	10	18	03	2	7	Cu, As, Ci	15.6	+1.6	20	24		16		69	14	0	51	
EL DABA																			
ALEXANDRIA	360	10	50	03	2	3	Ci	15.6	+1.6	20	24	-2	18	0	64	13	dr.	62	185
FOUAD (Airport)	340	8	18	01	1	3	Ci	15.4		20	25		17		69	14	dr.	63	138
DAMIETTA	340	2	7	02	1	5	Sc	15.2	+1.8	21	26	0	18	+1	65	14	dr.	Rain	104
PORT SAÏD	360	6	11	04	0	1	Cu	15.0	+2.4	23	26		20		65	16	0	18	
EL 'ARISH	340	5	18	01	2	3	Cb, Ci	13.8	+0.3	24	31?	+4	20	+5	61	16	0	Rain	92
DAMANHÛR	360	5	15	02	1	1	Ci	15.8	+2.0	22	27	-3	15	0	65	15	0	35	100
MANSÛRA	40	5	35	00	0	0	—	15.4	+1.9	22	34	+3	18	+2	61	15	0	31	53
TANTA	310	2	35	01	1	3	As	15.0	+1.1	22	32	0	15	0	65	15	0	23	42
ZAGAZIG	320	1	35	02	0	0	—	15.0	+1.2	22	34	+2	16	+1	65	15	0	Rain	27
ISMAÎLIA	20	2	35	03	1	6	Ac	14.6		23	35		19		65	16	0	17	
FAROUK (Airport)	40	10	12	01	2	3	Sc	15.6		2.	35		12		78	17	0	Rain	
ALMÂZA	60	11	12	01	1	2	St	14.7	+1.5	21	35		17		74	16	0	12	
EZBEKÎYA	360	8	12	02	1	1	Ci	15.1	+1.9	23	35	+3	18	+1	61	15	0	11	25
GÎZA	360	8	12	02	1	1	Ci	14.6	+1.4	22	35	+3	18	+4	65	15	0	11	25
HELWÂN	360	12	15	01	1	1	Ci	14.3	+1.3	21	37	+5	19	+2	74	16	0	12	28
FAIYÛM	360	8	35	01	0	0	—	15.2	+2.2	23	38	+4	19	+2	61	15	0	8	8
MINYA	10	13	8	02	2	6	Cu, Sc	12.2	-0.1	22	39		21		78	18	0	3	
ASYÛT MANQABÂD											42								
NAG' HAMMÂDI																			
QENA	40	1	15	02	1	5		9.4	-1.3	33	45	+7	29	+9	24	10	0	0	
LUXOR	20	4	30	00	0	0	—	8.5	-2.1	34	45		26		15	4	0	0	
ASWÂN											44	+5							
SÎWA	40	9	11	03	0	7	Ac, Ci	17.0	+2.6	20	33	-1	18	+2	78	16	0	dr.	8
BAHARÎYA	360	4	35	02	0	0	—	14.4	+1.0	23	39	+5	17	+2	50	12	0	0	7
FARAFRA			35	01	2	6	Ac	13.1		25	42		21		45	12	0	dr.	
DAKHLA	40	2	50	01	0	7	Ci	10.8	-1.4	31	45	+7	24	+5	31	12	0	0	
KHARGA	360	4	7	00	0	0	—	9.6	-1.6	30	45	+7	27	+6	25	8	0	0	
SUEZ	360	5	50	00	0	2	Cu, Ci	13.4	+0.8	23	35	+3	20		74	18	0	5	17
TÔR																			13
HURGHADA																			
QUSEIR	360	9	15	00	1	4	Ac	9.9	-0.8	29	32	+1	26	+3	59	20	0	dr.	4
PORT SUDÂN	160	6	50	02	1	0	—	10.1		33	34		24		47	20	0	153	96
WÂDI HALFA	80	3	30	01	1	1	Ci	7.0		34	45		26		12	1	0	dr.	
ABU HAMAD	90	6	30	03	1	6	Ci, Cs			33	44		26		23	9	0		
KAREIMA	100	7	30	01	0	0	—	6.0		35	43		28		30	15	0	dr.	1
'ATBARA	90	7	30	01	1	5	Ac, Cs	6.6		33	41		28		28	12	0	0.3	5
KHARTÛM	190	7	30	02	1	5	Ac, Cs	6.3		30	42		27		40	15	0	dr.	6
KASSALA	180	8	30	02	2	7	As, Cs	8.3		30	42		27		46	17	0	3	18
WÂD MEDANI	180	5	50	02	1	6	Ci	7.5		32	40		26		41	17	0	46	19
RENK																			69
ROSEIRES																			79
EL OBEID	220	10	30	01	1	4	Ac	6.8		31	36		26		38	15	dr.	7	25
EL FÂSHER	200	9	30	01	1	2	Ac			30	40		25		43	16	0.2	6	11
GENEINA	160	1	30	01	0	1	Ac			28	39		23		42	14	0		16
MALAKÂL	00	0	30	01	2	7	Ac, Cs	9.5		28	36		23		62	20	9	88	152
WAU	00	0	30	01	0	2	Ci	9.1		26	32		23		79	22	0	170	293
JUBA	180	2	30	03	2	6	Ac, Cs	9.8		27	29		23		70	21	0.4	308	380

HUMIDITY

Mean % of day

Station	on 14th	Diff. from normal
Alexandria	71	0
Ezbekiya	49	-1
Giza	47	-3
Helwân	39	+1

GÎZA

GRASS MINIMUM TEMP ON 15th 16.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 14th At 15t

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	97	32	34	40	7
950					
900					
850	1542	26	23	290	15
800					
700	3203	11	47	250	38
600					
500	5898	-9	88	240	59
400	7597	-19	95	250	59
300	9672	-34	80	250	66

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 14th

Station	Matruh		Port Said		Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Fouad A.P.				Minya		Fouad A.P.		Port Said	
Time	14		14		14		14		14		14		14		14		14				20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	330	11	220	19	30	10	10	21	330	14	350	23	300	17	300	3	340	17			360	24	340	16	350	9
600	320	16	240	8	320	23	360	11	330	14	350	21	300	23	310	6	320	19			160	18	340	18	10	4
1000	300	16	260	22	330	17	360	14	320	15	340	20	300	24	320	4	380	14			40	11	310	16	10	4
1500	280	23	260	24	330	17	350	23	260	12	10	23	300	23			260	22			330	6	280	23	30	7
2000	260	28	240		320	20	250	11	220	10	10	10					250						300		40	12
3000	140	16			210	5	240	35	220	14	240	30														
4000									210	18	260	29														
5000									210	24	270	52														
6000											270	50														
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

Station	Sîdi Barâni		Matrûh		Fouad Airport		'Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			4		2		2						2 30										2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			330	10	340	5	350	9					10	16									20	17
600			320	9	340	10	360	9					40	10									40	17
1000			310	22	310	15	290	12					90	8									10	16
1500					300	15	300	17					60	10									300	8
2000							230	13					110	10										
3000							170	7																
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4		4								4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									100	9														
600									110	15	110	27	100	27									180	9
1000									100	15	90	29	100	18							190	12	190	15
1500									80	11	80	25	100	17							180	21	190	9
2000									140	15													100	12
3000									90	7			50	12							90	4	80	17
4000																					80	18		
5000									50	8													20	6
6000									190	8														
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

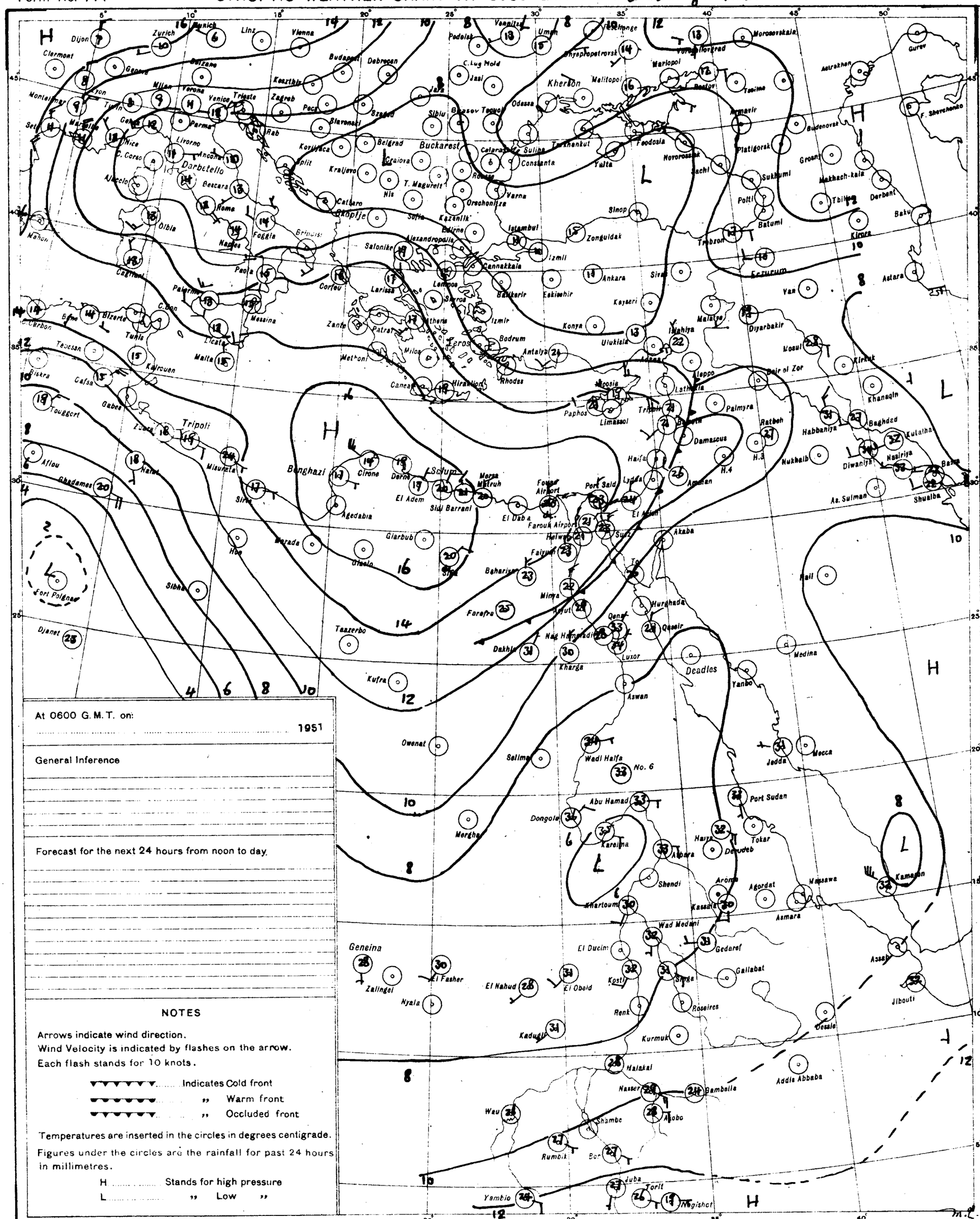
Note: All times are G.M.T.

Printed by the Survey of Egypt 1948 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 15/5/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼..... Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91 / 93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S. of E. 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO

Time of Sunrise 03 02 G.M.T.

" " Sunset 16 41 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 16th May, 1951

At 1200 on Tuesday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	9	35	02	2	7	ac cs	15.2	21	65	14
	303	SÎDI BARÂNI	360	5	18	03	2	7	ac, ci	15.3	21	65	14
	306	MATRÛH	40	4	18	03	1	5	ac, ci	15.4	21	53	11
	309	EL DABA											
		ALEXANDRIA	40	10	50	02	2	4	ci	14.6	22	57	13
	318	FOUAD (Airport)	340	9	18	02	2	5	cc	14.6	23	53	13
	330	DAMIETTA	360	5	15	03	1	6	ac	15.0	23	61	15
	333	PORT SA'ID											
	336	EL 'ARISH	350	3	30	03	2	8	cs	13.9	23	65	16
Lower Egypt	339	DAMANHUR	360	5	15	02	1	1	ci	15.1	26	42	12
	342	MANSURA	360	5	35	03	2	5	ac	14.0	29	40	14
	348	TANTA	310	8	35	03	2	3	ac	15.0	29	35	12
	354	ZAGAZIG	320	2	35	02	0	0	—	12.0	30	40	15
	440	ISMA'ILIA	20	5	35	03	2	7	ac	13.3	29	35	12
Cairo Area	366	FAROUK (Airport)	40	11	12	02	2	6	ac	13.8	29	27	8
	372	ALMAZA	40	11	15	03	2	7	ac	13.1	29	29	9
		EZBEKIYA	250	4	18	02	1	7	ac	13.4	29	31	10
		GIZA	250	4	18	02	1	7	ac	13.3	29	29	9
	378	HELWÂN	340	10	15	03	2	8	ac	12.5	30	21	5
Upper Egypt	381	FAIYÛM	360	8	35	03	1	6	ci	13.3	33	21	8
	387	MINYA	360	15	10	02	2	4	ac	10.5	33	24	10
	393	ASYÛT MAMQABÂD	340	12	8	10	2	7	ac	8.8	37	18	9
	399	NAG' HAMMÂDI	00	0	15	03	2	6	ac	7.1	42		
	402	QENA	320	1	35	02	1	5	cs	6.3	45	13	10
	405	LUXOR											
	414	ASWÂN	270	1	50	01	1	2	ci	5.3	44	9	4
Oases	417	SÎWA	70	8	14	02	6	5	ac	14.4	30	43	16
	420	BAHARÎYA	40	5	35	02	2	8	as	12.2	32	28	11
	423	FARAFRA	40	2	35	03	2	5	ac	11.6	40	12	5
	432	DAKHLA	20	11	35	01	2	4	ci	8.2	38	16	8
	435	KHARGA	360	11		00	0	0	—	7.0	40	19	12
Red Sea	450	SUEZ	360	6	50	03	0	6	cu, ci	12.5	31	28	10
	459	TÔR											
	462	HURGHADA	350	10	18	02	1	2	ci	8.2	28	70	22
	465	QUSEIR	20	9	15	03	1	5	ci	8.2	30	59	21
	641	PORT SUDÂN	100	12	30	03	1	7	ci	7.3	33	63	25
North Sudan	600	WÂDI HALFA	90	12	50	03	0	1	cu	3.1	45	12	9
	640	ABU HAMAD	100	5	30	03	1	3	cu, ci		42	12	7
	660	KAREIMA	90	9	50	02	0	0	—	1.9	42	17	12
	680	'ATBARA	100	7	30	02	1	5	cu, cs	1.4	42	13	8
	721	KHARTÛM	300	5	50	01	2	7	cu, cs	2.5	40	19	12
	730	KASSALA	230	2	30	02	2	7	ac, cs	2.8	38	27	16
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	310	5	35	02	2	8	as	4.0	37	33	18
	771	EL OBEID	350	3	30	02	1	5	cu, ac	2.1	39	20	12
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	200	4	30	03	2	6	cu, ac	3.9	37	31	17
	880	WAU											
	941	JUBA	200	5	30	02	2	6	cu, ci	7.5	34	41	19

At 1800 on Tuesday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	90	5	15	02	8	5	as	13.8	20	64	13	dr.
SÎDI BARÂNI												
MATRÛH	00	0	10	01	2	4	sc cu	16.0	20	60	12	0
EL DABA												
ALEXANDRIA	40	4	35	02	2	8	as	15.6	20	73	15	0
FOUAD (Airport)	10	7	14	02	2	8	ac, cs	15.8	20	69	14	0
DAMIETTA	360	5	7	02	2	7	ac	15.2	21	74	16	0
PORT SA'ID	10	9	18	02	0	7	ac	14.9	21	74	16	0
EL 'ARISH	360	6	12	03	1	3	cs	14.7	20	78	16	0
DAMANHUR	40	9	15	02	1	6	ac	14.9	20	73	15	0
MANSURA	40	5		03	2	7	sc, cu	15.1	22	65	15	0
TANTA	360	2	35	03	2	5	ac	15.2	21	69	15	0
ZAGAZIG	320	2	35	03	1	7	as	14.7	23	65	16	0
ISMA'ILIA	20	5	35	03	2	8	as	14.7	22	65	15	0
FAROUK (Airport)	70	18	10	02	2	8	sc	14.4	25	54	15	0
ALMAZA	70	16	12	02	2	8	ac	13.6	26	48	14	0
EZBEKIYA	40	14	12	02	8	8	ac	13.0	28	42	14	dr.
GIZA	40	14	12	02	8	8	ac	13.6	26	48	14	dr.
HELWÂN	20	24	7	02	8	8	ac, ci	12.2	26	48	14	dr.
FAIYÛM	360	2	35	03	2	8	ci	13.0	27	35	10	0
MINYA	10	15	8	02	2	8	ac	10.7	27	37	11	0
ASYÛT MAMQABÂD	40	5	10	01	2	5	ac	8.8	32	22	8	0
NAG' HAMMÂDI	00	0	15	02	2	7	ac	6.8	35			0
QENA	270	2	7	02	1	5	cs	6.3	37	22	12	0
LUXOR	60	9	12	00	0	0	—	5.7	41	16	10	0
ASWÂN	00	0	7	01	1	4	ac	4.8	41	14	8	0
SÎWA												
BAHARÎYA	360	2	15	02	2	7	ac	13.3	25	39	10	0
FARAFRA	360	3	15	03	2	6	ac	11.6	29			0
DAKHLA	90	4	50	00	0	0	—	8.3	36	17	7	0
KHARGA	360	9	15	00	0	0	—	8.2	34	18	6	0
SUEZ	360	6	35	02	0	6	cu	12.8	25	47	13	dr.
TÔR												
HURGHADA	330	14	12	03	1	5	As, cs	8.3	26	60	19	0
QUSEIR	330	9	15	01	1	0	—	8.8	28	70	22	0
PORT SUDÂN	00	0	30	02	2	2	ci	6.8	31	79	27	0
WÂDI HALFA	90	6	50	01	0	0	—	3.2	39	14	7	0
ABU HAMAD	100	1	30	02	0	0	—		37	17	8	0
KAREIMA	90	5	30	02	0	0	—	2.1	38	25	15	0
'ATBARA	90	5	50	01	2	2	cu, cs	2.4	38	19	11	0
KHARTÛM	00	0	50	13	1	3	ch, ci	1.8	37	27	15	0
KASSALA	00	0	30	01	2	6	ac, cs	4.1	35	35	17	0
WÂD MEDANI												
RENK												
ROSEIRES	220	12	30	02	2	6	—	3.6	33	34	15	0
EL OBEID	140	6	30	01	2	5	ch, ac				12	0
EL FASHER	300	1	30	14	6	8	sc, ac				17	1
GENEINA												
MALAKÂL	00	0	30	13	2	5	ch, ac	4.0	33	47	20	0
WAU	00	0	30	01	1	1	ci	3.9	32	52	21	0
JUBA	180	5	50	03	2	8	sc, ac	4.6	31	55	21	0

At 0600 on Wednesday 16th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	110	5	15	03	6	4	ac, ci	11.8	-1.2	21	21	-6	18	+1	74	16	0.6	91	
SÎDI BARÂNI																			
MATRÛH	140	12	10	03	1	7	cu, sc, ac	14.2	+0.3	21	23		17		65	14	0	51	
EL DABA																			
ALEXANDRIA	130	8	50	02	2	8	as	15.6	+1.7	20	23	-3	18	0	73	15	0	62	185
FOUAD (Airport)	110	5	18	02	2	8	ac			20	24		18		78	16	0	63	138
DAMIETTA	70	5	7	03	8	8	cu, sc	16.2	+2.8	21	23	-3	19	+1	74	16	dr.	Rain	105
PORT SA'ID	70	7	14	03	2	8	sc, as	16.4	+3.8	22	24		20		65	15	0	18	
EL 'ARISH	90	5	18	01	2	4	ac	14.4	+1.9	22	24	-3	18	+3	65	15	0	Rain	93
DAMANHUR	90	5	7	02	2	8	As	16.3	+2.5	20	27	-3	18	+3	83	17	0	35	100
MANSURA	320	5		50	8	8	as, cu	15.5	+2.0	21	31	0	19	+3	74	16	dr.	31	54
TANTA	130	2	35	03	8	8	As	15.8	+2.0	19	29	-3	18	+3	88	17	dr.	23	42
ZAGAZIG	40	4	15	03	1	8	As	15.8	+2.0	21	32	0	19	+4	74	16	0	Rain	27
ISMA'ILIA	20	5	35	03	2	8	cs	15.2		23	30		20		65	16	0	17	
FAROUK (Airport)	60	12	12	02	2	8	sc, cu, ci	15.2		22	30		19		74	17	0	Rain	
ALMAZA	70	11	15	02	2	7	ac, ci	14.6	+1.4	22	29		18		65	15	0	12	
EZBEKIYA	90	8	12	02	8	7	ac, ci	14.3	+1.1	23	30	-2	20	+3	61	15	dr.	11	25
GIZA	90	8	12	02	8	7	ac, ci	13.8	+0.6	23	30	-2	19	+4	61	15	dr.	11	25
HELWÂN	360	8	15	02	2	7	ac, ci	12.8	-0.2	25	31	-1	20	+2			dr.	12	28
FAIYÛM	360	8	35	02	2	8	as	14.1	+1.1	23	33	-1	19	+2	61	15	0	8	8
MINYA	20	11	8	00	0	2	ac, ci	11.7	-0.6	23	34		18		61	15	0	3	
ASYÛT MAMQABÂD	300	10	8	10	1	6	ac	11.0	-1.1	26	39		19		55	16	0	dr.	
NAG' HAMMÂDI	00	0	15	02	1	5	as	9.3	-1.7	30	43	+6	23	+4	52	19	0	0.1	
QENA	40	2	15	00	0	0	—	8.6	-2.0	32	46	+8	24	+4	24	9	0	0	
LUXOR	10	6	30	00	0	0	—	8.7	-1.9	35	45		26		16	6	0	0	
ASWÂN											46	+7							
SÎWA																			8
BAHARÎYA	360	2	35	02	2	7	cu			23	33	-1	20	+3	50	12	0	0	7
FARAFRA	90	1	35	03	1	3	ac	10.2		26	40		21		37	10	0	dr.	
DAKHLA	90	7	50	00	0	0	—	10.2	-2.0	31	39	+1	26	+7	28	10	0	0	
KHARGA	360	4		00	0	0	—	8.8	-2.4	29	41	+3	25	+4	23	6	0	0	
SUEZ	310	5	50	00	0	0	—	13.0	+0.4	24	32	0	19	0	54	14	0	5	17
TÔR																			13
HURGHADA	340	11	30	03	0	3	ci	9.5	-1.4	27	29		27		42	13	0	dr.	
QUSEIR	360	13	15	02	0	0	—	8.9	-1.7	28	31	0	27	+4	58	19	0	dr.	4
PORT SUDÂN	130	7	30	03	0	1	sc, ac	9.7		31	36		26		74	26	0	153	96
WÂDI HALFA											46								
ABU HAMAD	90	7	30	02	0	0	—			35	43		28		42	20	0		
KAREIMA	90	10	30	02	0	0	—	5.0		36	44		30		33	17	0		1
'ATBARA	130	12	10	07	1	2	ci	6.1		35	43		30		25	12	0		5
KHARTÛM	190	5	50	03	2	8	cu, ac	6.9		33	42		30		32	14	dr.		6
KASSALA											40								18
WÂD MEDANI																			19
RENK																			70
ROSEIRES	130	13	35	02	2	8	cu	16.0		27	37		27		66	20	0		80
EL OBEID	210	7	30	03	1	5	ac	5.5		32	40		27		41	17	0		26
EL FASHER	00	0	30	01	2	6	cu, ac			29	39		27		46	16	0		11
GENEINA	160	1	30	01	9	5	cu, ac			26	38		23		62	18	1		17
MALAKÂL	160	13	30	03	2	8	ac cs	7.9		31	38		27		43	17	0		154
WAU	180	1	30	02	0	1	ac	7.2		29	37		26		59	20	0		297
JUBA											35								385

HUMIDITY % Mean of day

Station	on 15th	Diff from normal
Alexandria	88	+17
Ezbekiya	51	+1
Giza	54	+4
Helwan	53	+15

GIZA GRASS MINIMUM TEMP. ON 16th 17.0°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On 15th At 15h

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	114	29	31	20	12
950					
900					
850	1528	19	26	270	10
800					
700	3170	9	44	260	43
600					
500	5851	-10		270	45
400	7537	-21		270	
300	9595	-36		260	63

RAWINSONDE — On ... At ... AIRPORT

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — Helwan Obs — On 15th At 9h — AIRPORT

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	184	26	20	320	10
950					
900					
850	1600	20	17	330	9
800					
700	3241	10	24	260	23
600	4495	0	27	260	39
500	5933	-8	—	270	58
400					
300	9675	-38	—		

UPPER WIND OBSERVATIONS on 15th

Station	Matruh		Minya		Kharga		Siwa		Port Said		Dakhla		Asyut		Hurghada		Fouad A.P.		El Arish		Fouad A.P.		Port Said		Minya	
Time	14		14		14		14		14		14		14		14		14		14		20		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	9	360	26	360	23	50	11	350	9	30	36			340	16	350	10	350	12	350	7	20	9	360	35
600	280	6	10	25	10	28	40	12	300	10	30	56			330	8	340	4	340	10	330	6	20	10	20	30
1000	280	15	300	13	10	30	30	14	300	21	30	35			340	5	290	9	300	11	320	9	320	8	20	20
1500	280		330	3			30	10	260	22			360	13	180	3	260	24	270	22			300	17		
2000			210	8			340	3	260	29			260	4	90	2	270	21					280	20		
3000							230	12					220	14	160	16	280	31					280	30		
4000															290	21										
5000															250	23										
6000															270	20										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 16th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Mamqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			4		2		3				8		3										8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			90		90	13	70	16			330	4	350	10									80	19
600			80	10	70	15	70	17			360	8	360	8									10	6
1000			190	8	100	10	100	7			330	9	360	7									310	17
1500					300	3	100	11			290	18												
2000					40	2					260	12												
3000											240	25												
4000											230	37												
5000											240	47												
6000											270	49												
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4		4				3		4		5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									140	12														
600									150	19	100	30	130	19			110	6						
1000									160	15	100	27	120	23			110	15	210	9	310	2		
1500									150	21	120	17	110	19			100	23	170	5	190	13		
2000									110	5							170	5	120	5	350	13		
3000									110	5	140	13	100	15					30	5	90	7		
4000									80	5	150	7												
5000									130	16														
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

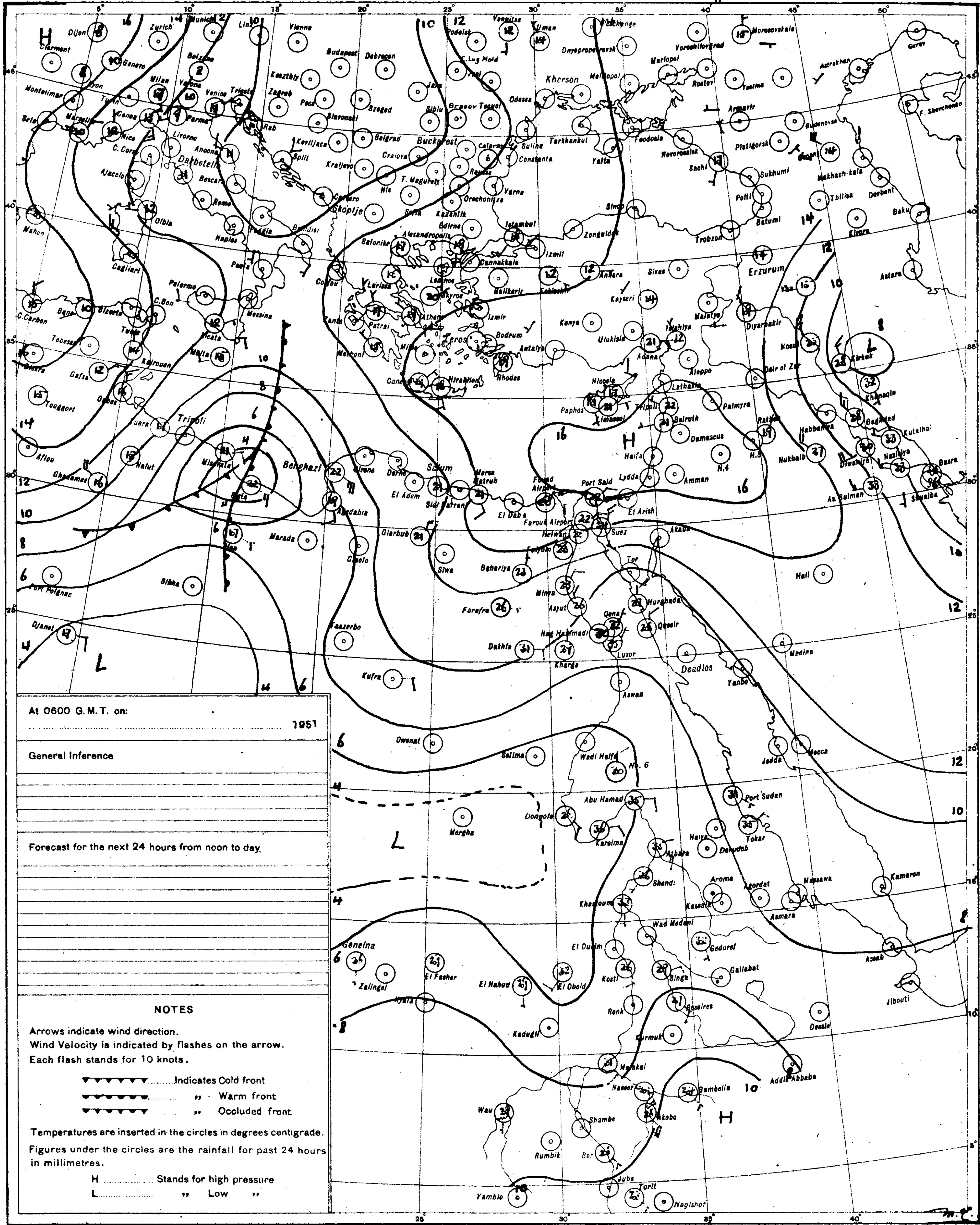
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 16/5/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.............. Stands for high pressure
L.............. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 03 01 G.M.T.

" " Sunset 16 42 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 17th may, 1951

At 1200 on Wednesday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	110	13	35	01	1	2	Ci	7.8	28	40	13
	303	SIDI BARANI	70	14	18	01	1	2	As	7.8	25	65	18
	306	MATRUH	170	14	18	03	2	6	Cs	10.1	26	37	12
	309	EL DABA											
		ALEXANDRIA	110	15	50	02	5	8	As	12.2	25	47	13
	318	FOUAD (Airport)	100	12	18	01	6	8	Ac	12.2	25	51	14
	330	DAMIETTA	220	2	7	02	5	8	Cu, Sc	14.4	23	65	16
	333	PORT SA'ID	60	9	30	03	8	8	Ac	14.0	23	74	16
	336	EL 'ARISH	50	7	30	03	8	8	Ns, Ac	13.9	23	65	16
Delta & Nile Valley	339	DAMANHUR	130	9	15	02	1	7	As	12.3	25	47	13
	342	MANSURA	20	5	15	03	2	8	Sc, Cu	14.4	24	61	16
	348	TANTA	90	5	35	03	2	8	Ns	14.4	24	65	17
	354	ZAGAZIG	40	3	15	03	1	8	Sc, Cu	13.4	28	52	17
	440	ISMA'ILIA	90	20	35	02	2	8	As	12.3	29	35	12
Cairo & Giza	366	FAROUK (Airport)	20	14	18	02	2	8	Ns, As	12.7	31	36	14
	372	ALMAZA	70	19	15	02	2	6	Ac	11.8	30	25	8
		EZBEKIYA	00	0	18	02	1	8	Ci	11.9	29	35	12
		GIZA	00	0	18	02	1	8	Ci	11.6	29	29	9
	378	HELWAN	340	8	15	02	2	8	Ac, Ci	12.2	33	21	8
Upper Egypt	381	FAIYUM	360	8	35	01	2	7	As	12.3	34	27	12
	387	MINYA			10	02	2	6	Sc	10.4	34	30	14
	393	ASYUT MANQABAD	20	10	18	02	1	1	Ac	7.4	41	17	11
	399	NAG' HAMMADI	00	0	35	01	2	3	Ac	6.7	41		
	402	QENA	220	2	50	00	0	0	—	6.4	45	16	13
	405	LUXOR	180	10	30	00	0	0	—	4.0	45	8	3
	414	ASWAN	220	3	50	00	0	0	—	4.4	44	9	4
Oases	417	SIWA	90	10	12	02	2	8	Ac	9.5	28	37	12
	420	BAHARIYA	360	5	35	02	2	7	Ac	11.1	35	32	16
	423	FARAFRA	300	2	35	02	1	5	Ac	10.6	36	13	4
	432	DAKHLA	20	11	35	02	0	0	—	7.0	41	14	8
	435	KHARGA	00	0	15	02	1	2	—	5.9	43	13	9
Red Sea	450	SUEZ	00	0	50	03	0	8	Sc	11.1	31	31	12
	459	TOR											
	462	HURGHADA	20	10	14	02	1	1	Ci	8.5	29	66	22
	465	QUSEIR	20	13	15	02	0	0	—	8.5	31	49	19
	641	PORT SUDAN	80	12	30	03	0	1	Cu	7.2	33	63	25
North Sudan	600	WADI HALFA	130	14	15	03	0	1	Cu	3.2	46	9	6
	640	ABU HAMAD	130	6	30	03	1	3	Cu	2.3	42	15	10
	660	KAREIMA	200	4	30	03	0	5	Cu	1.1	43	17	13
	680	'ATBARA	120	7	30	02	1	3	Cu	1.6	43	13	9
	721	KHARTUM	230	15	30	15	1	4	Cu	1.4	40	19	12
	730	KASSALA	120	6	30	03	1	6	Cu, Ci	0.2	42	16	11
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	140	22	2	07	2	7	Cb, Ac	3.0	39	28	17
	760	EL FASHER											
	770	GENEINA	180	1	30	03	1	6	Cu, Ac		36	25	13
S. Sudan	840	MALAKAL	90	9	30	03	1	7	Cu, Sc	5.3	36	37	19
	880	WAU	180	5	30	03	1	6	Cb	2.5	37	37	20
	941	JUBA	50	5	30	16	1	7	Cb, Ac	5.2	31	55	21

At 1800 on Wednesday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	40	5	15	00	0	0	—	4.7	21	83	18	0
SIDI BARANI	90	24	12	02	2	5	Cs	5.6	20	83	18	0
MATRUH	140	19	8	03	2	7	Ac, Ci	8.5	20	83	17	0
EL DABA												
ALEXANDRIA	90	16	35	02	2	8	Ac	10.2	23	61	15	1
FOUAD (Airport)	80	9	12	01	1	5	Ac, Cs	10.1	23	69	17	0.3
DAMIETTA	90	5	7	02	2	8	Sc, Ac	12.8	22	83	19	dr.
PORT SA'ID	70	18	12	02	2	8	Ac	12.3	22	83	19	dr.
EL 'ARISH	40	5	14	02	2	8	As	12.8	21	83	18	dr.
DAMANHUR	130	5	15	02	1	7	As	11.9	21	65	14	0
MANSURA												
TANTA	90	2	35	03	2	6	Ac	11.3	21	69	15	dr
ZAGAZIG	40	6	35	01	2	3	Sc	10.7	24	74	19	0
ISMA'ILIA	70	2	35	02	5	8	As	11.8	24	69	18	dr.
FAROUK (Airport)	160	16	12	02	8	8	Ns, Ac	11.1	30	43	16	dr.
ALMAZA	170	14	12	02	8	7	Ac	11.0	30	25	8	dr.
EZBEKIYA	00	0	12	02	8	8	Sc	10.8	27	52	16	dr.
GIZA	00	0	12	02	8	8	Sc	11.1	26	48	14	dr.
HELWAN	180	11	3	50	5	8	As	10.8	31	28	10	dr.
FAIYUM	360	2	35	01	2	6	As	11.1	29	40	14	0
MINYA	50	10	8	03	2	6	Ac, Cs	9.8	28	33	10	0
ASYUT MANQABAD	360	12	6	10	0	0	—	9.6	33	19	6	0
NAG' HAMMADI			15	01	0		Ac, Ci	6.0	33			0
QENA	40	2	7	00	0	0	—	5.9	38	13	5	0
LUXOR	60	9	12	00	0	0	—	5.7	41	8	1	0
ASWAN	00	0	50	00	0	0	—	4.2	40	12	6	0
SIWA	70	6	10	01	2	5	Ac	5.4	30	33	12	0
BAHARIYA	00	0	15	02	2	7	Ac	9.5	31	38	15	0
FARAFRA	70	2	15	03	1	5	Ac	8.9	31	15	1	0
DAKHLA	130	20	7	35	3	0	—	5.6	33	21	8	0
KHARGA	360	13	15	00	0	0	—	6.7	36	17	7	0
SUEZ	00	0	50	02	0	8	As	11.4	29	35	12	0
TOR												
HURGHADA	340	11	12	00	1	0	—	9.0	29	55	19	0
QUSEIR	360	9	15	02	0	0	—	9.6	29	59	20	0
PORT SUDAN	00	0	30	02	0	0	—	7.6	31	66	24	0
WADI HALFA	120	7	30	03	0	2	Ac	3.2	39	16	9	0
ABU HAMAD	00	0	30	02	1	2	Ac	3.0	37	25	14	0
KAREIMA	110	13	30	13	1	6	Cu, Ac	1.8	39	24	15	0
'ATBARA	120	3	30	01	1	1	Ac, Ci	2.3	38	16	8	0
KHARTUM	230	5	30	15	8	5	As	3.0	33	32	14	dr.
KASSALA	210	2	30	03	8	5	Ac	2.6	35	29	14	dr.
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	190	8	30	13	9	8	Cb, As	5.1	36	37	19	0.3
EL FASHER	80	11	30	12	2	7	Cu, Ac		35	32	16	0
GENEINA	50	5	30	01	6	2	Ac, Cs		30	43	16	dr.
MALAKAL	00	0	30	03	2	8	Sc, Ac	5.0	32	46	19	0
WAU	130	1	30	25	9	8	Ac	6.7	25	89	23	5
JUBA	180	9	30	01	2	5	Cb, Ac	4.9	30	55	20	0

At 0600 on Thursday 17th may,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM											30?	+3							
SIDI BARANI	290	23	10	02	2	8	As	7.3		26	30?		19				0	108	
MATRUH	330	22	6	09	0	7	Ac	6.6	-7.3	26	32		20		35	9	0	51	
EL DABA																			
ALEXANDRIA	130	16	50	02	2	8	Ac	5.3	-8.6	23	26	0	20	+2	65	16	1	63	185
FOUAD (Airport)	140	7	14	03	2	6	Ac	5.7		24	27		20		61	16	0.3	63	138
DAMIETTA	140	5	7	02	5	8	Sc	7.6	-6.3	25	25	-2	20	+2	70	19	dr.	Rain	105
PORT SA'ID	110	7	8	02	2	8	Ac	7.3	-5.3	26	24		22		51	15	dr.	18	
EL 'ARISH	160	10	12	02	2	8	As			23	24	-3	18	+3	78	19	0	Rain	93
DAMANHUR	130	5	15	02	1	7	Ac	7.0	-6.7	25	27	-3	19	+3	70	19	0	35	100
MANSURA	140	5	15	03	2	8	Sc, Cu	7.1	-6.4	24			20	+4	69	18	0	31	54
TANTA	00	0	35	03	2	8	As	7.6	-6.2	24	26	-6	18	+3	69	18	dr.	23	42
ZAGAZIG	40	4	15	02	2	8	Sc	7.7	-6.0	25	28	-4	20	+5	54	15	0	Rain	27
ISMA'ILIA	180	2	35	03	2	3	Ac	7.6		29	30		23		40	14	dr.	17	
FAROUK (Airport)	110	4	10	01	2	7	As	7.7		30	32		23		55	20	dr.	Rain	
ALMAZA	130	6	10	05	2	7	As, Ci	7.3	-5.9	27	32		22		52	16	dr.	12	
EZBEKIYA	00	0	12	02	8	8	Sc	7.4	-5.8	28	30	-3	22	+5	49	16	dr.	11	25
GIZA	00	0	12	02	8	8	Sc	7.5	-5.7	27	30	-2	20	+5	62	19	dr.	11	25
HELWAN	00	0	7	03	2	8	Ac, Ci	6.6	-6.4	31	35	+3	26	+8	28	10	dr.	12	28
FAIYUM	60	6	35	03	2	8	As	7.4	-5.5	29	35	+1	23	+6	46	16	0	8	8
MINYA	20	6	8	03	2	7	Ac	8.4	-3.8	32	36		27		34	14	0	3	
ASYUT MANQABAD	90	6	12	00	0	1	Ci	7.2	-4.9	35	42		25		23	11	0	Tr.	
NAG' HAMMADI											44	+7							
QENA	40	2	15	00	0	0	—	8.4	-2.2	33	46	+8	27	+7	21	8	0	0	
LUXOR	00	0	30	00	0	0	—	8.2	-2.3	38	45		26		16	8	0	0	
ASWAN	70	3	50	00	0	0	—	6.8	-3.8	35	45	+6	30	+6	19	8	0	0	
SIWA	300	15	8	00	0	0	—	9.8	-4.5	24	30	-4	21	+5	47	12	0	1	8
BAHARIYA											36	+2							7
FARAFRA	360	1	35	03	2	8	Ac	7.6		35	39		25		15	5	0	dr.	
DAKHLA	130	3	35	02	0	0	—	6.6	-5.5	35	42	+4	25	+6	19	8	0	0	
KHARGA	00	0		00	0	0	—	7.1	-4.0	37	44	+6	29	+8	22	12	0	0	
SUEZ	180	7	50	00	0	0	—	7.1	-5.5	31	35	+3	25	+6	38	15	0	5	17
TOR																			13
HURGHADA	120	2	30	02	1	1	Ci	8.3	-2.6	31	31		28		28	10	0	dr.	
QUSEIR	360	5	15	02	0	0	—	8.5	-2.1	30	32	+1	26	+2	27	7	0	dr.	4
PORT SUDAN											34								96
WADI HALFA	120	9	30	03	0	3	Ac	6.3		37	47		32		18	9	0	dr.	
ABU HAMAD	110	6	30	02	0	0	—	6.7		34	43		25		23	10	0		
KAREIMA	50	4	30	02	0	0	—	6.3		35	45		27		25	12	0	dr.	1
'ATBARA	120	16	4	07	1	0	—	6.1		35	44		28		25	12	0	0.3	5
KHARTUM	220	8	30	02	1	6	Ac, Cs	6.9		32	41		25		41	17	dr.	dr.	6
KASSALA	10	5	30	01	2	4	Ac	6.3		35	44		26		27	13	dr.	3	18
WAD MEDANI																			19
RENK																			7
ROSEIRES																			82
EL OBEID	270	7	30	02	2	7	Ac	8.4		26	40		23		62	18	0.3	7	26
EL FASHER	210	4	30	01	9	3	Sc, Ac			25	40		23		74	20	2	8	11
GENEINA	180	5	30	01	1	3	Ac			20	38				88	18	dr.		18
MALAKAL											36								156
WAU	290	7	30	02	2	7	Ac, Cs	8.4		27	38		25		74	22	5	175	301
JUBA											34								390

HUMIDITY % Mean of day

Station	on 16th	Diff. from normal
Alexandria	68	-3
Ezbekiya	53	+3
Giza	51	+1
Helwan	24	-14

GIZA GRASS MINIMUM TEMP. ON 17th 17.5°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport — On 16th At 15h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	96	30	24	50	10
950					
900					
850	1522	21	25	270	28
800					
700	3161	6	61	280	36
600					
500	5838	-10		250	56
400	7524	-22			
300	9560	-39			

Helwan Obs. — On 16th At 8h.

Pressure mbs.	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	171	31	21	330	4
950					
900					
850	1580	19	21	290	18
800					
700	3221	8	20	220	32
600	4466	-2		230	47
500	5888	-11		270	49
400					
300	9587	-41			

UPPER WIND OBSERVATIONS on 16th

Station	Siwa		Kharga		El Arish		Helwan		Port Said		Dakhla		Minya		Fouad A.P.		Asyut		Fouad A.P.		Hurghada		S. Barrani		Minya	
Time	14		14		14		14		14		14		14		14		14		14		14		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	140	23	360	10	350	10	120	10	60	16	30	41	360	11	100	9	10	15	100	9	360	12	90	34	60	49
600	190	31	360	13	200	10	140	15	90	8	40	48	10	33	130	10	10	15	130	10	330	4	130	24	50	30
1000	210	51	10	13	260	11	170	10	110	9	40	61	10	17	120	5	20	17	120	5	330	3	140	28	40	24
1500	220	42					230	29					20	21	262	17			260	17	290	8			60	8
2000	230	42															160	5			240	12				
3000																	210	23			240	14				
4000																	220	29			230	16				
5000																					210	13				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time			4				3						3										3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			260	30			170	18					80	21									130	16
600			250	28			180	14					90	20									140	13
1000			260	30			240	5					90	16									140	13
1500							330	7															160	19
2000							290	6															190	21
3000																							220	26
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											4		4								5			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											90	29	150	11										
1000											100	32	150	14							180	13		
1500											110	29	90	11							210	7		
2000											110	19												
3000													90	12							160	5		
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

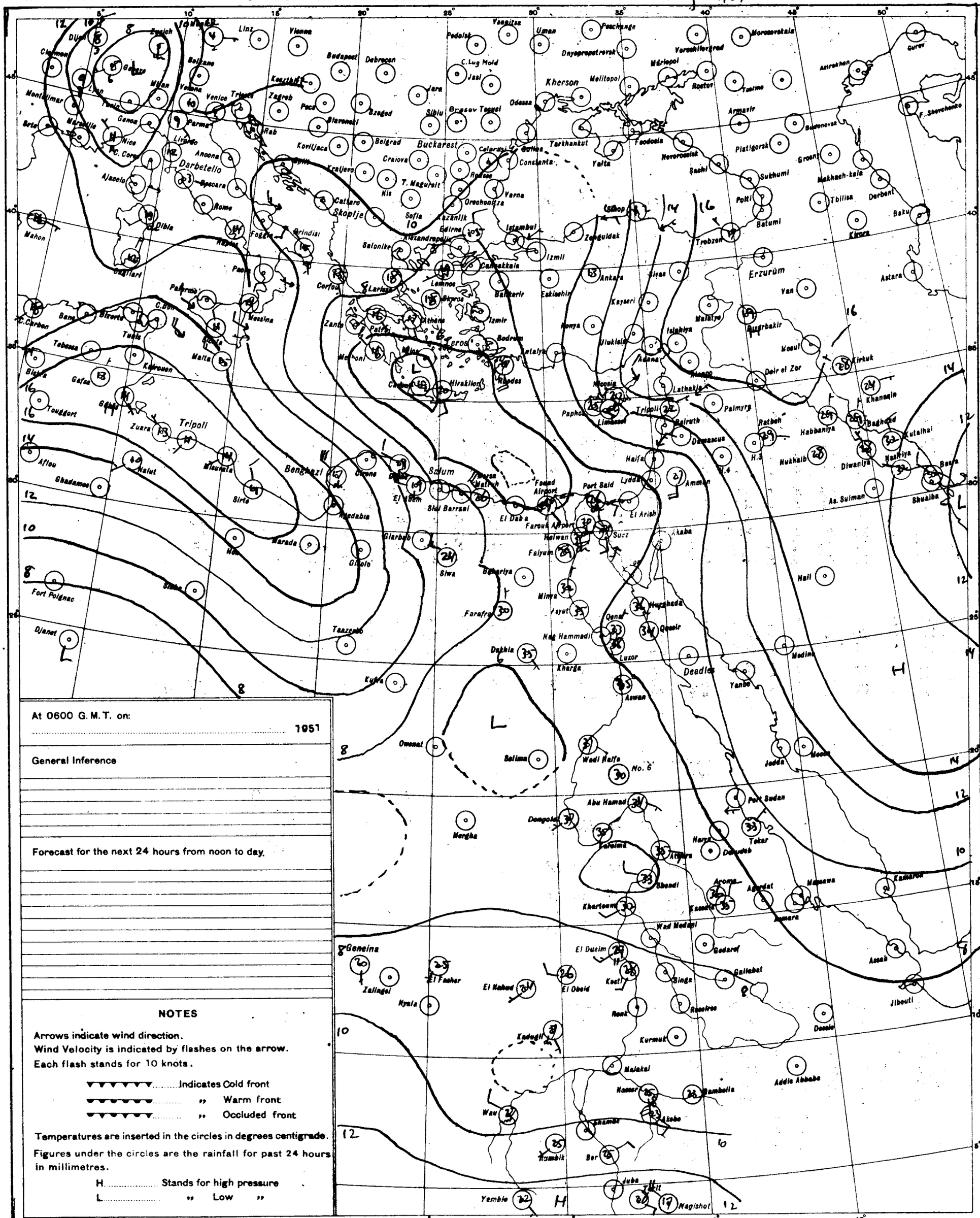
Printed by the Survey of Egypt 1949 (49/597)-(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 17/5/1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼..... Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

"J. Sowout"

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 03 00 G.M.T.
" " Sunset 16 43 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 18th May, 1951

Area	Index Number	Station	At 1200 on Thursday 17th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	At 1800 on Thursday 17th: Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
Mediterranean	62300	SALUM	290	9	35	00	1	1	Cu	9.6	25	42	11	340	13	15	00	0	0	—	13.0	19	64	12	0
	303	SIDI BARANI	310	21	10	07	0	0	—	9.7	22	61	14	310	22	13	00	0	0	—	12.2	18	77	14	0
	306	MATRUH	340	22	3	07	0	0	—	9.9	22	61	14	350	17	10	00	0	0	—	12.7	19	73	14	0
	309	EL DABA																							
		ALEXANDRIA	310	15	50	02	2	8	as	6.7	28	45	15	310	22	35	01	2	2	Cu	11.0	19	83	16	0
	318	FOUAD (Airport)	290	14	12	03	2	8	ac		30	40	15	310	17	12	01	1	3	sc	11.3	20	77	16	0
	330	DAMIETTA	140	13	15	01	3	8	as	5.5	27	70	21	270	13	7	02	2	8	as	8.3	24	74	19	0
	333	PORT SAID	70	24	5	05	3	8	as	4.9	26	74	21	350	5	8	01	2	2	ac	7.7	24	83	21	0
	336	EL 'ARISH																							
Nile Delta	339	DAMANHUR	270	5	7	02	0	0	—	6.7	35	32	16	310	13	7	02	1	6	Ci	11.6	20	83	17	0
	342	MANSURA	40	9	35	00	1	0	—	4.8	36	42	21	360	13		00	3	8	—	9.4	24	74	19	0
	348	TANTA	310	13	15	03	2	8	ac	5.5	37	35	19	310	2	35	03	2	6	ac		21	74	16	0
	354	ZAGAZIG	220		3	34	3	0	—		41	26	18	210	11	35	02	3	0	—	9.5	25	74	20	0
	440	ISMAILIA	160	24	3	06	2	8	ac	4.8	37	27	15	230	2	35	01	2	8	as	8.3	30	40	15	0
Cairo	366	FAROUK (Airport)																							
	372	ALMAZA	200	27	005	30	3	7	Ci	4.4	42	9	3	320	11	8	01	1	5	as, Ci	10.6	26	62	18	0
		EZBEKIYA	180	18	10	02	1	9	—	3.9	41	14	8	310	6	12	02	1	3	Cu, Ci	10.8	25	65	18	0
		GIZA	180	18	10	02	1	9	—	4.7	42	18	13	310	6	12	02	1	3	Cu, Ci	11.0	24	69	18	0
	378	HELWAN	180	31	0.1	34	3	9	—	3.5	42	9	3	320	12	3	30	3	8	as	10.6	25	61	17	0
Upper Egypt	381	FAIYUM	60	9	15	01	2	5	as	5.8	42	15	10	360	8	35	01	1	3	as	10.6	26	48	14	0
	387	MINYA	00	0	8	02	8	7	sc	6.4	37	25	14	00	0	8	02	2	6	sc	9.0	32	29	12	dr?
	393	ASYUT MANGABAD	350	18	6	07	2	7	ac	5.9	42	19	14	70	7	8	10	2	5	ac	7.9	36	22	11	0
	399	NAG' HAMMADI	00	0	35	02	0	5	Ci	5.5	45	21	18	320	4	7	03	2	6	as	7.4	36	29	15	0
	402	QENA	180	1	50	03	1	5	—	5.9	46	12	9	70	3	7	02	1	5	Cs	7.2	38	13	5	0
	405	LUXOR																							
	414	ASWAN	220	3	50	01	1	2	as	5.5	45	8	3	00	0	50	03	2	6	as	5.3	41	8	0	0
Oases	417	SIWA	280	23	1	07	3	0	—	11.5	28	23	5												
	420	BAHARIYA												360	3	15	02	0	0	—	9.6	29	40	14	0
	423	FARAFRA	270	1	35	03	2	8	ac	7.8	40	12	5	360	3	15	03	2	6	ac	10.0	30	22	6	0
	432	DAKHLA	160	14	15	34	3	6	Ci	4.2	46	12	9	90	8	35	02	0	6	Ci	5.0	35	15	5	0
	435	KHARGA												360	4	7	01	1	3	ac	6.0	38	15	7	0
Red Sea	450	SUEZ	180	8	1.4	06	3	7	as	6.4	35	29	14	310	4	15	01	0	2	Ci	8.6	31	31	12	0
	459	TOR																							
	462	HURGHADA	10	5	30	03	2	7	as Cs	7.5	30	62	22	70	3	18	02	2	7	Cs	8.2	30	62	22	0
	465	QUSEIR	360	5	15	02	0	0	—	8.6	32	56	22	360	9	15	02	0	7	as	9.8	30	59	21	0
	641	PORT SUDAN	70	9	30	02	0	0	—	7.8	35	50	23												
North Sudan	600	WADI HALFA	130	6	15	05	1	2	ac	3.9	46	13	11												
	640	ABU HAMAD	160	7	30	03	0	1	Cu	3.4	42	14	9												
	660	KAREIMA																							
	680	'ATBARA																							
	721	KHARTUM	160	9	30	02	0	4	Cu, Ci	2.4	41	18	12												
	730	KASSALA	40	5	30	03	2	7	Cu, Cs	1.3	41	15	9												
Central Sudan	751	WAD MEDANI																							
	801	RENK	230	9	35	02	1	6	Cu	6.0	33	47	20												
	802	ROSEIRES																							
	771	EL OBEID	230	11	30	02	8	7	Cu, ac	5.4	33	34	15												
	760	EL FASHER	90	3	30	03	1	5	Cu, as		37	24	13												
	770	GENEINA	180	4	30	03	8	6	Cu, Cs		36	31	16												
Equatorial Sudan	840	MALAKAL	160	11	30	01	2	8	Sc, ac	5.2	36	31	16												
	880	WAU	230	5	30	03	2	7	NS	4.4	34	47	21												
	941	JUBA	50	2	15	02	2	5	Cu	3.0	31	52	20												

Station	Humidity % Mean of day on 17th	Diff. from normal
Alexandria	71	0
Ezbekiya	55	+5
Giza	62	+12
Helwan	41	+3

GIZA
GRASS MINIMUM TEMP. 18th 12.3°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — Helwan Obs. On 17th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	116	34	19	190	9
950					
900					
850	1610	23	29	170	25
800					
700	3226	9	22	230	35
600	4475	-2		240	43
500	5900	-10			
400					
300	9622	-39			

UPPER WIND OBSERVATIONS on 17th

Height m	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Siwa Dir.	Siwa Vel.	S. Barani Dir.	S. Barani Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14	15	14		14														20	30
300	170	14	40	7	180	12	340	19	310	41	310	36													360	34
600	220	19	360	8	190	21	240	10	310	44	300	32													210	24
1000	250	10	320	11	190	23	360	11	300	43	300	24													30	15
1500	230		310	22			30	10	300	34															20	10
2000	290	26	300	17			140	5	310	30																
3000			270	19																						
4000			240	21																						
5000			210	37																						
6000																										
7000																										
8000																										

Note: All times are G.M.T.

Station	At 0600 on Friday 18th May, Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	290	5	15	00	1	2	Sc, Cu	16.8	+3.8	19	27		17	0	64	12	0	91	
SIDI BARANI	310	13	14	02	1	4	Cu	16.4		18	22		17		68	12	0	108	
MATRUH	320	9	14	01	1	5	sc	16.7	+2.8	19	26		16		56	10	0	51	
EL DABA																			
ALEXANDRIA	310	10	50	01	2	4	Cu	15.4	+1.5	20	30	+4	18	0	56	11	0	63	185
FOUAD (Airport)	290	12	18	03	1	4	sc	15.6		21	33		18		57	12	0	63	138
DAMIETTA	290	4	7	01	1	5	Cu	15.0	+1.7	21	28	+1	18	0	65	14	0	Rain	105
PORT SAID	260	12	12	02	2	7	sc	14.8	+2.2	20	28		19		77	16	0	18	
EL 'ARISH																			93
DAMANHUR	310	9	15	02	0	0	—	15.2	+1.5	23	36	+6	17	+1	65	16	0	35	100
MANSURA	320	5	35	02	1	3	Cu	15.4	+2.0	23	39	+7	17	+1	61	15	0	31	54
TANTA	20	8	35	02	0	0	—	15.0	+1.2	22	40	+8	14	-1	57	13	0	23	42
ZAGAZIG	00	0	35	02	0	0	—	15.8	+2.1	21	41	+9	16	+1	83	18	0	Rain	27
ISMAILIA	260	5	35	03	2	7	ac	15.0		22	39		17		57	13	0	17	
FAROUK (Airport)	320	7	10	02	2	6	St.	16.4		19			16		77	15	0	Rain	
ALMAZA	360	8	12	02	2	6	sc	16.0	+2.9	19	43		16		83	16	0	12	
EZBEKIYA	310	6	12	02	1	6	Cu, ac	16.3	+3.2	20	41	+8	17	0	69	14	0	11	25
GIZA	310	6	12	02	1	6	Cu, ac	15.6	+2.5	20	42	+10	15	0	73	15	0	11	25
HELWAN	320	11	15	03	1	4	Cu	16.0	+3.0	20	42	+10	16	-2	64	13	0	12	28
FAIYUM	360	8	35	01	1	2	Cu, Sc	16.1	+3.2	21	42	+8	17	0	65	14	0	8	8
MINYA	30	13	8	01	1	1	Cu	15.5	+3.3	22	40		19		61	14	dr?	3	
ASYUT MANGABAD	340	12	8	10	0	6	ac	14.8	+2.7	24	45		22		47	12	0	dr.	
NAG' HAMMADI	00	0	15	02	1	5	ac	12.0	+1.1	27	47	+10	25	+6	52	16	0	0.1	
QENA	240	3	7	03	5	8	Cu	10.7	+0.1	30	47	+9	27	+6	42	15	1	1	
LUXOR	270	9	30	03	2	6	ac	9.9	-0.6	34			32		15	8	0	0	
ASWAN	90	7	50	03	2	4	as	8.4	-2.2	38	47	+8	32	+8	16	8	0	0	
SIWA	360	6	12	00	0	0	—	19.0	+4.7	18			14	-2	77	14	0	1	8
BAHARIYA	360	7	35	02	0	0	—	16.2	+2.9	21	43	+8	17	0	65	14	dr.	7	
FARAFRA	360	1	35	02	0	0	—	16.4		22	42		22		44	9	dr.		
DAKHLA	360	10	35	01	0	6	Ci	14.3	+2.2	28	47	+9	24	+4	31	9	0	0	
KHARGA	360	9	3	03	1	3	ac	12.2	+1.1	27	47	+7	26	+5	33	9	0	0	
SUEZ	360	5	50	00	0	0	—	15.1	+2.6	23	37	+4	18	-1	65	15	0	5	17
TOR																			13
HURGHADA	330	25	13	02	5	7	ac	10.3	-0.5	26	30		25 ?		55	16	8	8	
QUSEIR	330	5	15	00	1	8	ac	8.4	-2.1	30	35	+4	27	+5	70	24	0	dr.	4
PORT SUDAN	170	3	30	02	0	0	—	9.5		35	36		32		42	20	2	155	97
WADI HALFA	30	1	30	03	0	3	ac	6.8		35	47		29		18	7	0	dr.	
ABU HAMAD	150	2	30	02	0	0	—	8.2		32	44		29		22	8	0		
KAREIMA	250	11	10	02	0	0	—	9.0		33	44		30		38	17	0	dr.	1
'ATBARA	220	5	30	02	0	1	Cs	7.1		33	43		28		36	16	0	0.3	5
KHARTUM	200	9	30	03	2	8	ac Cs	8.1		28	42		23		62	20	4	4	6
KASSALA	200	5	30	01	2	7	ac Cs	9.5		30	43		25		46	17	0	3	19
WAD MEDANI	230	9	50	22	2	8	Ci	8.0		29	34		22		52	18	3	49	20
RENK																			72
ROSEIRES																			84
EL OBEID															Rain				27
EL FASHER																			12
GENEINA																			19
MALAKAL	70	7	30	80	8	7	ac	10.9		27	37		26		66	20	dr.	88 ?	159
WAU	00	0	30	25	8	7	ac	9.9		24	34		23		94	23	34	209 ?	305
JUBA	200	5	50	03	2	8	Cu, ac	9.8		22	35		22		84	21	5	313	375

UPPER WIND OBSERVATIONS on 18th

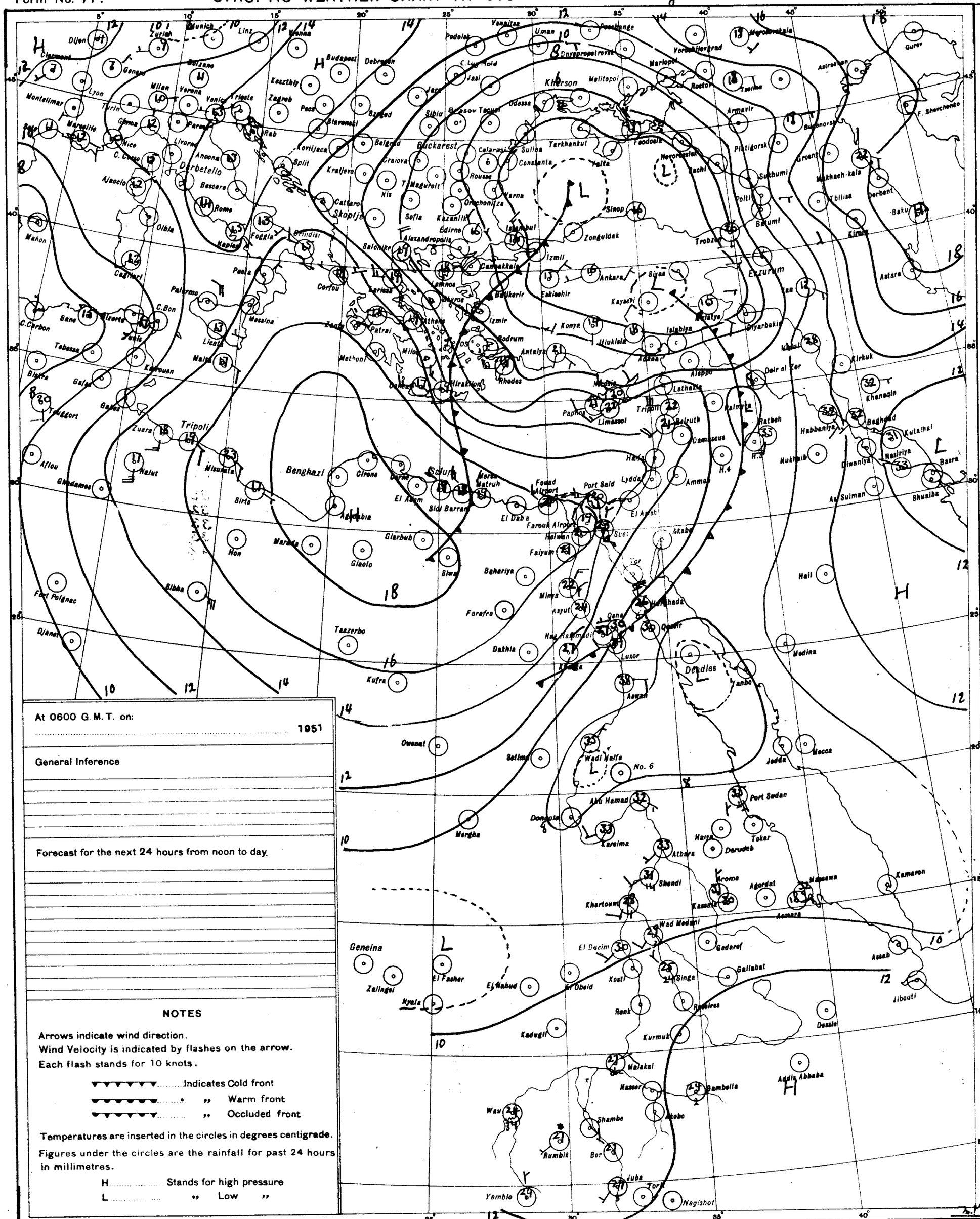
Height m	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time			4		8		2				7 45		2				8				8 15		8	
300			310	10	310	10	200	15			190	9	20	31			340	5			310	18	300	10
600			320	10	300	12	200	10			190	13	360	30			350	4			310	19	310	8
1000			320	13	280	13	300	25			180	24	350	14			40	3			250	8	340	6
1500							320	14			170	25	300	12			140	16			220	27	240	19
2000											230	29												
3000											240													
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	8		8		8		8								4				4		4			
300	330	9	350	36	10	20	360	22																
600	340	10	350	50	10	14	360	26							210	14								
1000	320	10	350	41	10	9	10	29							230	18			250	5	120	15		
1500	310	8													140	3			350	5	110	15		
2000	290	15																	300	3				
3000	280	36													80	19					110	18		
4000	280	43																						
5000																								
6000																								
7000																								
8000																								

Remarks: 1. Wind Direction in degrees east of North.
2. " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles)
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 18/5/ 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... ,, Warm front
▼▼▼▼▼▼ ..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
8 sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 03 00 G.M.T.
" " Sunset 16 43 G.M.T.

DAILY WEATHER REPORT

Date: Saturday 19th may, 1951

At 1200 on Friday 18th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	303	SIDI BARANI											
	306	MATRUH	10	15	18	00	0	0	—	17.2	22	53	12
	309	EL DABA											
		ALEXANDRIA	310	22	50	02	2	3	Cu	16.6	22	57	13
	318	FOUAD (Airport)	320	15	18	01	1	3	Sc	16.8	22	53	12
	320	DAMIETTA	320	13	35	01	1	1	Cu	15.4	22	57	13
	333	PORT SAID	350	16	18	01	2	0	—	15.6	22	69	16
	336	EL 'ARISH											
Delta	339	DAMANHUR	310	9	15	02	0	0	—	16.2	25	47	13
	342	MANSURA	360	5	35	00	1	0	—	15.6	23	74	18
	348	TANTA	40	5	35	01	1	4	As	14.9	27	52	16
	354	ZAGAZIG	320	3	50	02	0	0	—	14.7	30	40	15
	360	ISMAILIA	270	2	35	01	0	0	—	14.7	29	35	12
Nile Valley	368	FAROUK (Airport)	20	9	18	01	0	0	—	15.4	28	35	11
	[illegible]	ALMAZA	10	9	15	02	0	0	—	14.6	29	35	12
		EZBEKIYA	270	9	18	00	0	0	—	14.8	28	33	10
		GIZA	270	9	18	00	0	0	—	14.7	29	29	9
	[illegible]	HELWAN	320	11	35	00	0	0	—	15.2	27	33	9
	381	FAIYUM	360	8	35	01	0	0	—	16.0	30	25	8
	387	MINYA	10	12	12	00	1	0	—	14.3	30	31	11
	393	ASYUT MANGABAD	340	12	14	02	1	1	Ac	12.9	32	29	12
	399	NAG' HAMMADI	220	3	35	01	0	3	Ac	10.9	36	33	17
	402	QENA	120	3	35	02	5	3	Cu	8.3	41	23	16
	405	LUXOR	00	0	12	03	2	5	Sc	8.1	40	14	8
	414	ASWAN	340	13	15	01	1	3	—	6.4	46	11	8
Oases	417	SIWA	270	8	14	02	0	0	—	18.0	28	18	1
	420	BAHARIYA	360	5	35	02	0	0	—	15.2	29		
	423	FARAFRA	360	1	35	02	0	0	—	10.2	30	16	1
	432	DAKHLA	340	11	35	02	1	0	—	11.5	33	21	8
	435	KHARGA	360	9		02	1	3	Ci	10.8	34	22	9
Red Sea	450	SUEZ	360	7	50	02	0	0	—	13.1	28	33	10
	459	TOR											
	462	HURGHADA	340	19	14	02	2	7	Ac	9.7	28	52	17
	465	QUSEIR	360	13	15	03	2	8	Ac	9.7	29	66	22
	641	PORT SUDAN	100	9	30	02	0	0	—	6.5	36	37	19
North Sudan	600	WADI HALFA	180	2	30	03	0	3	Cs	4.9	45	7	1
	640	ABU HAMAD	170	4	30	03	0	1	Cu	4.0	42	12	7
	660	KAREIMA	180	3	30	03	0	3	Cu	4.3	42	19	14
	680	'ATBARA	90	15	10	07	0	3	Cu, Ac	3.8	41	13	7
	721	KHARTUM	260	3	30	03	1	5	Cu, Cs	4.5	39	21	13
	730	KASSALA	40	3	30	03	2	8	Cu, As	4.2	37	27	15
Central Sudan	751	WAD MEDANI											
	801	RENK	230	5	35	01	1	5	Cu	7.8	35	39	19
	802	ROSEIRES											
	771	EL OBEID	220	2	30	01	2	5	Cu, Ac	4.8	35	35	17
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL	140	14	30	61	6	7	As, Ac	3.3	25	88	23
	880	WAU	90	7	30	16	1	5	Cb	5.9	32	52	21
	941	JUBA											

At 1800 on Friday 18th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM												
303	SIDI BARANI												
306	MATRUH	360	8	14	00	0	0	—	17.1	18	68	12	0
309	EL DABA												
	ALEXANDRIA	360	20	35	02	2	4	Cu	17.1	19	64	12	0
318	FOUAD (Airport)	320	10	14	03	1	3	Sc	16.5	19	68	13	0
320	DAMIETTA	320	5	7	03	1	4	Cu	15.5	20	73	15	0
333	PORT SAID	320	13	14	02	0	1	Sc	15.7	20	73	15	0
336	EL 'ARISH												
339	DAMANHUR	360	9	15	02	1	1	Cu	16.7	19	73	14	0
342	MANSURA	360	5			0	0	—				16	0
348	TANTA			35	01	1	3	As		19	83	16	0
354	ZAGAZIG	360	2	35	01	0	0	—	15.5	21	65	14	0
360	ISMAILIA	20	5	35	02	0	0	—	15.0	21	65	14	0
368	FAROUK (Airport)	20	8	12	00	0	0	—	17.8	19	64	12	0
[illegible]	ALMAZA	330	13	12	02	0	0	—	15.0	23	50	12	0
	EZBEKIYA	350	12	12	00	0	0	—	15.8	23	53	13	0
	GIZA	350	12	12	00	0	0	—	15.5	22	50	11	0
[illegible]	HELWAN	320	17	15	00	0	0	—	15.1	23	44	10	0
381	FAIYUM	00	0	35	02	0	0	—	15.2	25	34	8	0
387	MINYA	360	6	8	00	0	0	—	13.7	23	44	10	0
393	ASYUT MANGABAD	360	5	10	00	0	0	—	12.6	27	37	11	0
399	NAG' HAMMADI	00	0		01	0	2	Ac	10.0	28	45	15	
402	QENA	290	2	7	01	1	4	Cu	9.4	36	12	4	1
405	LUXOR	00	0	12	00	0	0	—	7.8	34	19	7	0
414	ASWAN	00	0	15	01	1	4	Ci	6.4	40	12	6	0
417	SIWA	280	8	10	02	3	0	—	12.8	26	37	10	0
420	BAHARIYA												
423	FARAFRA	360	1	15	02	0	0	—	15.1	26	46	14	0
432	DAKHLA	50	4	50	00	0	0	—	12.3	29	23	6	0
435	KHARGA	360	4	7	00	0	0	—	12.8	26	25	4	0
450	SUEZ	360	8	35	02	0	0	—	14.6	22	65	15	0
459	TOR												
462	HURGHADA	320	10	12	02	2	5	Ac, Ci	8.5	28	42	14	0
465	QUSEIR	360	9	15	01	2	6	Ac	8.7	28	58	19	0
641	PORT SUDAN	150	3	30	02	0	0	—	5.7	32	43	18	0
600	WADI HALFA												
640	ABU HAMAD	00	0	30	02	0	0	—	3.5	40			0
660	KAREIMA	30	3	30	02	0	0	—	3.7	38	17	9	0
680	'ATBARA	120	4	30	01	1	1	Ci	3.6	37	13	5	0
721	KHARTUM	230	11	30	13	1	8	Cb, Ac	5.1	29	49	17	1
730	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	00	0	30	81	2	7	Cb, As	6.0	29	62	21	0.3
760	EL FASHER	00	0	30	13	2	2	Cb, Ac		33	26	11	0
770	GENEINA	310	7	30	13	6	7	Cu, Sc		25	84	22	21
840	MALAKAL	00	0	30	01	2	8	Ac, Cs	6.8	25	79	21	4
880	WAU	210	7	30	03	8	7	Ac	8.3	25	79	21	dr.
941	JUBA	340	2	30	29	9	8	Cb, Ac	8.9	23	94	22	6

At 0600 on Saturday 19th May,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
62300	SALUM																			
303	SIDI BARANI																			
306	MATRUH	50	6	18	01	0	1	Cu	17.0	+3.1	20	23		13		60	12	0	51	
309	EL DABA																			
	ALEXANDRIA	40	11	50	02	2	4	Cu	17.0	+3.1	20	26	0	17	-1	64	13	0	63	185
318	FOUAD (Airport)	360	8	18	02	2	5	Sc, Ci	16.9		20	24		17		64	13	0	63	138
320	DAMIETTA	340	2	7	03	1	6	Sc	18.0	+4.8	20	23	-4	16	-2	64	13	0	Rain	105
333	PORT SAID											24								
336	EL 'ARISH																			93
339	DAMANHUR	360	5	15	02	1	1	Ci	17.5	+3.8	21	26	-4	15	-1	57	12	0	35	100
342	MANSURA	320	3	35	02	1	3	Ac	16.7	+3.3	21	29	-3	14	-2	65	14	0	31	54
348	TANTA	00	0	35	01	1	2	Cu	15.5	+2.8	20	28	-5	12	-3	60	12	0	23	42
354	ZAGAZIG	320	3	35	02	0	0	—	16.7	+3.1	22	30	-2	14	-1	57	13	0	Rain	27
360	ISMAILIA	340	2	35	03	1	5	Ac	17.6		22	30		17		50	11	0	17	
368	FAROUK (Airport)	40	10	12	03	0	2	Ac	17.1		20			16		60	12	0	Rain	
[illegible]	ALMAZA	70	14	15	01	0	2	Ci	16.1	+3.0	19	29		15		64	12	0	12	
	EZBEKIYA	360	4	12	02	1	4	Cu, Ac	16.4	+3.3	21	29	-4	16	-1	57	12	0	11	25
	GIZA	360	4	12	02	1	4	Cu, Ac	16.2	+3.1	21	30	-3	14	-1	57	12	0	11	25
[illegible]	HELWAN	360	12	15	01	1	2	Ci	16.2	+3.2	19	29	-4	16	-2	64	12	0	12	28
381	FAIYUM	360	8	35	03	0	1	Cu, Sc	16.1	+3.2	20	31	-3	15	-2	64	13	0	8	8
387	MINYA	10	13	8	00	0	1	Ci	15.5	+3.3	19	31		14		73	14	0	3	
393	ASYUT MANGABAD	320	7	10	00	0	1	Ci	14.8	+2.8	21	32		16		65	14	0	dr.	
399	NAG' HAMMADI											39	+2							
402	QENA	290	3	15	00	0	0	—	10.2	-0.3	25	42	+3	23	+2	42	11	1	2	
405	LUXOR	00	0	30	00	0	0	—	10.3	-0.1	31	42		22		24	8	0	0	
414	ASWAN											46	+7							
417	SIWA											30	-4							8
420	BAHARIYA																			7
423	FARAFRA	40	1	35	02	0	0	—	16.3		24	31		20		44	11	0		
432	DAKHLA	90	4	50	00	0	0	—	15.2	+3.2	25	34	-4	20	0	34	8	0	0	
435	KHARGA	360	4	7	00	0	0	—	13.6	+2.5	23			20	-2	32	5	0	0	
450	SUEZ	330	5	50	00	0	2	Ci	15.0	+2.5	20	31	-2	15	-4	64	13	0	5	17
459	TOR																			13
462	HURGHADA											29								
465	QUSEIR	360	19	15	02	0	0	—	11.1	+0.6	26	36	+5	25	+1	62	18	0	dr.	4
641	PORT SUDAN							Sc, As, Ci	8.2		34	38		26				0	155	97
600	WADI HALFA	10	13	10	05	1	3	Ac	7.7		31	46		27		21	6	0	dr.	
640	ABU HAMAD											44								
660	KAREIMA	200	6	30	02	0	0	—	6.5		33	43		27		41	18	0	dr.	2
680	'ATBARA											43								5
721	KHARTUM	210	3	30	01	6	7	Ac	7.5		28	40		24		66	21	3	7	6
730	KASSALA	60	3	30	01	2	6	Ci	7.3		32	38		23		38	16	0	3	19
751	WAD MEDANI	310	9	50	02	2	7	Ci	8.2		27	38		23		48	15	0	49	20
801	RENK	230	9	35	02	1	5	Cu	8.8		28	36		26		58	19	0		73
802	ROSEIRES																			67
771	EL OBEID	210	4	30	02	1	6	Ac	9.3		26	36		23		70	20	0.3	7	28
760	EL FASHER											38								12
770	GENEINA	180	14	50	03	6	7	Cu, Ac			25	36				74	20	21		19
840	MALAKAL	110	3	30	01	2	7	Ac	9.7		27	29		22		66	20	4	92	162
880	WAU	00	0	30	02	2	7	Ac	9.4		24	32		23		84	21	dr.	209	309
941	JUBA	80	2	30	01	2	6	Ac, Ci	10.2			34		23			22	6	319	400

HUMIDITY % Mean of day

Station	on 18th	Diff. from normal
Alexandria	60	-11
Ezbekiya	59	+9
Giza	57	+7
Helwan	53	+13

GIZA GRASS MINIMUM TEMP ON 19th 11.3°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 18th

Height m.	Port Said Dir.	Port Said Vel.	Dakhla Dir.	Dakhla Vel.	Matruh Dir.	Matruh Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Minya Dir.	Minya Vel.	Kharga Dir.	Kharga Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Farouk A.P. 20 Dir.	Farouk A.P. 20 Vel.	Fouad A.P. 20 Dir.	Fouad A.P. 20 Vel.	Minya 20 Dir.	Minya 20 Vel.	Port Said 20 Dir.	Port Said 20 Vel.
300	340	8	30	39	240	7	330	23	320	16	10	25	360	20							360	22	330	14	360	30	310	9
600	320	13	30	45	310	10	340	24	310	16	10	16	360	26							360	25	330	14	10	33	310	13
1000	320	23	30	43			350	20	300	15	320	23	10	30							340	14	320	18	360	23	320	14
1500			30	35	280	23	320	9	290	9											320	24	310	26	300	23	330	18
2000							230	11													290	20	300	22	300	17	290	21
3000							230	27													280	30					290	29
4000																												
5000																												
6000																												
7000																												
8000																												

UPPER WIND OBSERVATIONS on 19th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport 2 Dir.	Fouad Airport 2 Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. 3 Dir.	Farouk A.P. 3 Vel.
300					330	7	320	5					10	22									40	18
600					350	10	320	10					360	33									40	19
1000					340	13	340	8					360	31									30	16
1500							320	17					360	43									340	20
2000							300	20					340	18									320	22
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa 3 Dir.	Wadi Halfa 3 Vel.	Abu Hamad 4 Dir.	Abu Hamad 4 Vel.	Kareima 4 Dir.	Kareima 4 Vel.	Khartum Dir.	Khartum Vel.	Kassala 3 Dir.	Kassala 3 Vel.	El Obeid 4 Dir.	El Obeid 4 Vel.	El Fasher 5 Dir.	El Fasher 5 Vel.	Malakal 3 Dir.	Malakal 3 Vel.
300																							180	1
600									30	21	150	12	200	12			160	7					270	3
1000									40	18	130	14	200	20			200	10	180	9	230	6	310	3
1500									90	17	120	12	330	10			280	10	120	13	30	5	10	4
2000									70	13							10	9	50	9	10	3	170	7
3000											120	1	20	5			70	11	50	18				
4000									350	10														
5000																			60	15				
6000																			360	17				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

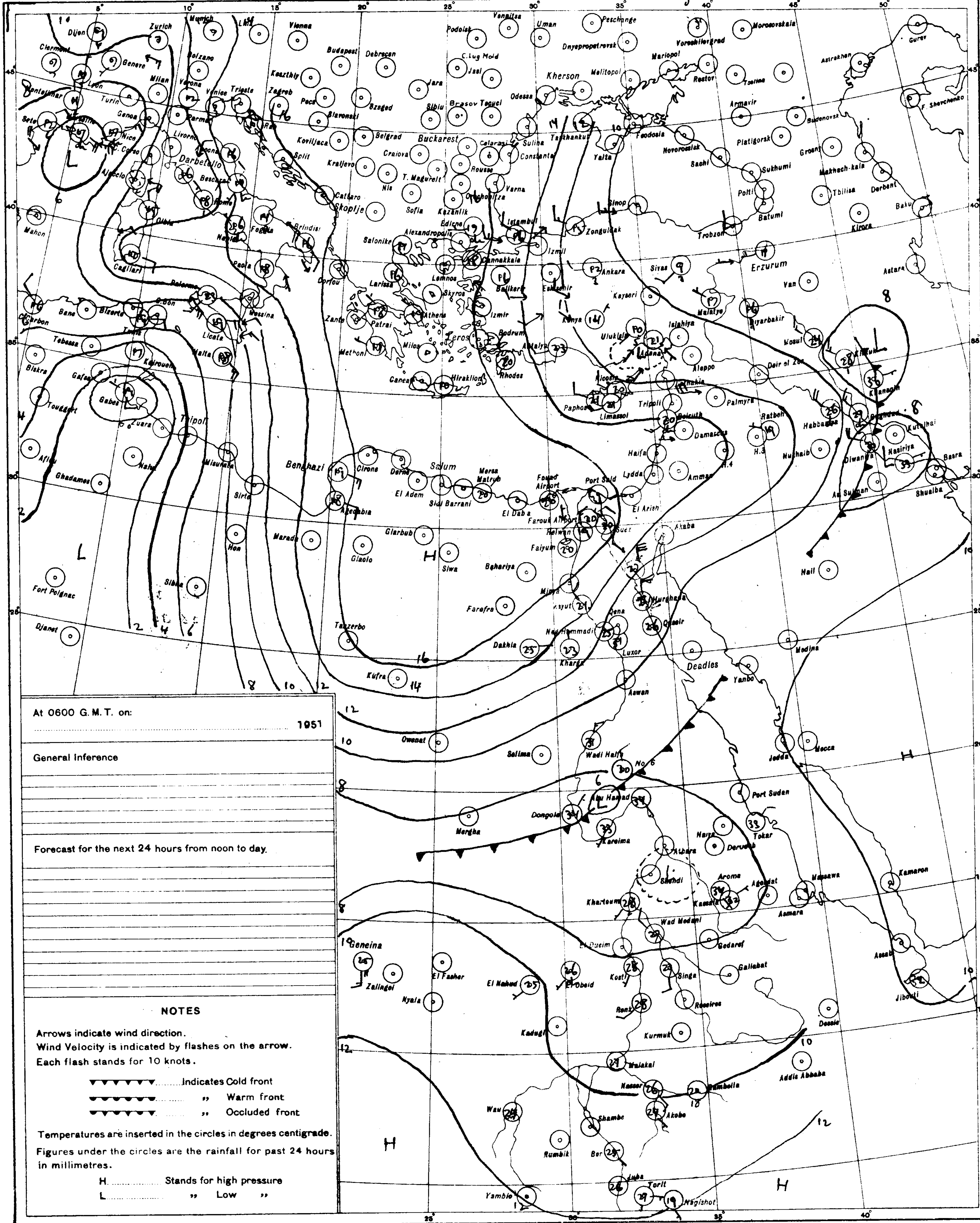
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 19/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain: Thunderstorm during the past hour	91	
Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 59 G.M.T.
" " Sunset 16 44 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 20th May, 1951

At 1200 on Saturday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	70	5	35	00	1	2	Ci	16.4	21	65	14
	303	SIDI BARANI	20	3	18	02	0	1	As	16.5	21	65	14
	306	MATRUH	60	7	18	00	0	0	—	16.7	21	65	14
	309	EL DABA											
		ALEXANDRIA	40	16	50	01	2	2	Cu	16.0	22	57	13
	318	FOUAD (Airport)	10	10	18	02	1	3	Ac	16.4	23	61	15
	330	DAMIETTA	340	5	35	01	0	1	Ac	15.0	22	57	13
	353	PORT SA'ID	360	10	30	02	2	1	Ac	15.5	23	65	16
	336	EL 'ARISH	350	6	30	01	2	3	Cs	15.0	22	53	12
Lower Egypt	339	DAMANHUR	40	5	15	02	1	2	Ci	16.2	26	42	12
	342	MANSURA	360	5	35	00	1	0	—	15.1	28	40	13
	348	TANTA	360	5	35	01	1	4	Cu	14.5	28	33	10
	354	ZAGAZIG	320	5	50	03	1	3	Ac	14.2	29	46	16
	440	ISMA'ILIA	20	2	35	02	1	4	Ac	14.4	27	37	11
Cairo Area	356	FAROUK (Airport)	70	10	18	03	2	5	Ac, Ci	14.6	26	33	10
	372	ALMAZA	70	9	15	03	1	3	Cc	13.9	28	33	10
		EZBEKIYA	40	6	18	02	1	2	Ac	13.8	28	31	9
		GIZA	40	6	18	02	1	2	Ac	14.0	28	33	10
	378	HELWAN	360	15	35	03	1	3	Ci	13.4	29	19	3
Upper Egypt	381	FAIYUM	360	8	35	02	0	1	Cu, Sc	13.3	29	29	9
	387	MINYA	350	14	10	00	1	0	—	12.9	31	28	10
	393	ASYUT MANGABAD	350	12	30	02	1	1	Ci	11.1	34	25	11
	399	NAG' HAMMADI	290	2	35	00	0	0	—	10.3	34	32	15
	402	QENA	240	2	50	00	0	0	—	8.7	30	49	18
	405	LUXOR	360	8	30	00	0	0	—	7.7	39	8	-1
	414	ASWAN	340	4	50	00	0	0	—	6.2	41	14	8
Oases	417	SIWA											
	420	BAHARIYA	360	4	35	02	0	0	—	14.4	30	25	8
	423	FARAFRA	40	1	35	02	0	0	—	14.2	31	21	6
	432	DAKHLA	340	8	50	00	0	0	—	11.8	34	18	6
	435	KHARGA	360	5	15	00	0	0	—	10.6	34	10	-2
Red Sea	450	SUEZ	360	7	50	03	0	3	Ci	13.1	27	33	9
	459	TOR	340	24	15	02	0	0	—	8.3	27	62	19
	462	HURGHADA	350	16	30	02	1	3	Ci	9.3	27	55	17
	465	QUSEIR	360	13	15	02	0	0	—	9.0	29	27	8
	641	PORT SUDAN	70	9	30	03	1	6	Ac, Ci	6.7	34	59	25
North Sudan	600	WADI HALFA	20	10	15	02	0	1	Ac	5.0	43	14	10
	640	ABU HAMAD	90	5	30	03	0	2	Cu, Ac	3.3	43	12	8
	660	KAREIMA	140	4	50	02	0	0	—	3.0	43	15	11
	680	'ATBARA	150	5	10	06	1	1	Cu, Cs	2.7	42	12	7
	721	KHARTUM	340	3	30	01	2	4	Cu, Ci	4.1	38	24	14
	730	KASSALA	270	4	30	03	2	4	Cu, Ac	2.3	41	17	11
Central Sudan	751	WAD MEDANI											
	801	RENK	230	9	35	02	1	6	Cu	6.3	34	41	19
	802	ROSEIRES											
	771	EL OBEID	00	0	30	03	1	7	Cu, Ac	4.4	36	29	15
	760	EL FASHER	150	2	50	02	1	3	Cb, Ci		34	36	17
	770	GENEINA	200	8	50	02	1	5	Cu, Ac		32	43	18
S. Sudan	840	MALAKAL	160	3	30	03	2	6	Cu, Ac	5.7	34	36	17
	880	WAU	230	3	30	03	1	7	Cu, Ac	5.9	32	49	20
	941	JUBA	180	13	18	29	9	7	Cb	7.3	28	66	21

At 1800 on Saturday 19th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM												
SIDI BARANI												
MATRUH	110	4	10	03	2	7	Cs	18.2	19	73	14	0
EL DABA												
ALEXANDRIA	40	9	35	02	2	3	Ci	18.4	19	73	14	0
FOUAD (Airport)	360	6	12	03	0	3	Cs	18.4	23	65	16	0
DAMIETTA	340	2	7	02	0	1	Ac	15.9	20	83	17	0
PORT SA'ID	10	6	18	02	0	1	Ci	15.2	20	78	16	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	14.9	20	73	15	0
MANSURA	40	5	15	00	1	0	—	15.0	21	65	14	0
TANTA	90	2	35	01	1	4	Ac	15.1	20	73	15	0
ZAGAZIG	320	4	35	02	0	0	—	14.4	22	53	12	0
ISMA'ILIA	40	2	35	01	0	0	—	14.8	21	57	12	0
FAROUK (Airport)	70	13	12	03	0	2	Ci	14.4	24	47	12	0
ALMAZA	70	12	12	00	0	0	—	13.9	26	48	14	0
EZBEKIYA	360	8	12	00	0	0	—	14.1	25	42	11	0
GIZA	360	8	12	00	0	0	—	14.3	25	42	11	0
HELWAN	20	7	7	02	0	0	—	13.5	24	38	9	0
FAIYUM	360	5	35	01	0	0	—	13.4	26	37	10	0
MINYA	350	8	8	00	1	0	—	12.3	23	44	10	0
ASYUT MANGABAD	300	6	12	00	0	0	—	11.6	26	37	10	0
NAG' HAMMADI												
QENA												
LUXOR	270	4	12	00	0	0	—	7.4	33	10	-2	0
ASWAN												
SIWA	90	3	11	01	2	3	Ci	14.3	26	27	5	0
BAHARIYA	360	2	15	02	1	4	Ac	13.9	26	37	10	0
FARAFRA	360	1	15	01	1	2	Ac	13.1	28	22	4	0
DAKHLA	40	4	50	00	0	0	—	12.3	31	17	3	0
KHARGA	360	2	15	00	0	0	—	11.4	29	14	-1	0
SUEZ	360	5	35	01	0	0	—	13.5	22	44	9	0
TOR	310	10		02	0	0	—	10.1	26	48	14	0
HURGHADA	340	16	12	00	0	0	—	9.0	26	58	17	0
QUSEIR	360	9	15	02	0	0	—	9.4	26	70	20	0
PORT SUDAN												
WADI HALFA	340	17	15	01	0	0	—	5.6	37	17	8	0
ABU HAMAD	20	1	30	02	0	1	Ac	3.4	36	20	10	0
KAREIMA	70	4	30	02	0	0	—	3.0	38	18	10	0
'ATBARA	150	2	30	03	1	4	Cs	2.4	38	15	7	0
KHARTUM	200	3	30	02	6	8	Sc, Cu	4.2	32	38	16	dr.
KASSALA	190	6	30	03	2	8	As, Cs	4.4	33	23	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	50	16	10	95	9	8	Cb, Ac	8.1	26	66	19	dr.
EL FASHER	210	1	30	02	1	1	Ci		31	49	19	0
GENEINA	90	4	30	01	1	3	Ac, Ci		27	62	19	0
MALAKAL												
WAU												
JUBA	110	2	30	13	6	8	Cb, Ac	10.5	24	79	20	1

At 0600 on Sunday 20th May, 1951

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SIDI BARANI																			
MATRUH	180	10	12	03	0	1	Ci	12.1	-1.8	21	22		12		53	11	0	51	
EL DABA																			
ALEXANDRIA	130	6	35	02	2	6	As, Ci	13.4	-0.4	21	23	-3	18	0	74	16	0	63	185
FOUAD (Airport)	100	4	18	03	1	7	As, Cs	13.4		20	23		16		83	17	0	63	138
DAMIETTA	140	2	7	03	2	8	As	13.9	+0.7	22	23	-4	15	-3	74	17	0	Rain	105
PORT SA'ID	140	8	12	03	1	7	Sc, Cs	13.7	+1.1	21	24		19		74	16	0	18	
EL 'ARISH	120	4	30	02	2	7	Cs	13.0	-0.3	21			15	0	65	14	0	Rain	93
DAMANHUR	130	5	15	02	1	7	Ci	14.3	+0.6	21	27	-4	16	0	74	16	0	35	100
MANSURA	80	5	15	00	1	3	As	14.2	+0.9	21	28	-4	16	0	74	16	0	31	54
TANTA	130	8	35	01	1	3	As	14.6	+0.9	21	29	-4	14	-1	74	16	0	23	42
ZAGAZIG	40	1	35	02	0	0	—	13.8	+0.2	20	31	-1	16	0	73	15	0	Rain	27
ISMA'ILIA	90	2	35	03	2	8	Ac	13.4		21	28		17		65	14	0	17	
FAROUK (Airport)	70	14	18	01	1	3	Ci	13.5		22	30		16		57	13	0	Rain	
ALMAZA	100	13	15	03	1	3	Cs	12.8	-0.3	22	29		16		50	11	0	12	
EZBEKIYA	40	4	12	02	1	3	Sc	12.7	-0.4	23	29	-4	18	+1	47	11	0	11	25
GIZA	40	4	12	02	1	3	Sc	12.3	-0.8	23	29	-4	17	+2	44	10	0	11	26
HELWAN	00	0	35	03	1	3	Ci	12.2	-0.7	23	29	-4	17	-1	44	10	0	12	29
FAIYUM	360	6	35	03	0	1	Ci	12.1	-0.8	23	30	-4	16	-1	50	12	0	8	8
MINYA	20	8	10	00	1	0	—	11.5	-0.7	21	31		14		57	12	0	3	
ASYUT MANGABAD	320	6	10	00	0	1	Ci	11.1	-0.9	22	35		16		53	12	0	dr.	
NAG' HAMMADI	00	0	15	00	0	2	Ac	10.3	-0.4	25			17	-2	54	15	0	0.1	
QENA	320	2	15	00	0	0	—	10.3	-0.1	25			21	0	42	11	0	2	
LUXOR	20	2	30	00	0	0	—	9.2	-1.1	29	40		20		20	4	0	0	
ASWAN	360	8	50	00	0	0	—	8.7	-1.8	30			25	+1	21	5	0	0	
SIWA	110	6	12	00	0	0	—	13.1	-1.1	21	32	-3	16	-1	50	10	0	1	8
BAHARIYA	40	3	35	02	1	3	Ac	13.8	+0.5	22	32	-3	17	0	50	11	0	dr.	7
FARAFRA	40	1	35	01	1	2	Ac	14.1		22	33		22		41	8	0	dr.	
DAKHLA	00	0	35	01	0	2	Ci	11.9	-0.1	26	35	-3	17	-3	30	7	0	0	
KHARGA	360	3	15	03	1	2	Ci	10.7	-0.4	25	35	-3	19	-3	28	5	0	0	
SUEZ	00	0	50	00	0	3	Ci	11.9	-0.5	23	29	-4	16	-3	38	8	0	5	17
TOR	20	13		02	0	0	—	9.5	-0.9	26	28	-3	18	-3	61	17	0	4	13
HURGHADA	350	17	30	03	1	4	Ci	9.1	-1.6	24	28		22		47	12	0	8	
QUSEIR	330	9	15	02	0	0	—	10.0	-0.4	26	29	-2	22	-2	55	16	0	dr.	4
PORT SUDAN																			97
WADI HALFA											44								
ABU HAMAD	90	1	30	01	0	0	—	6.4		35	44		27		29	14	0		
KAREIMA	180	5	10	02	0	0	—	6.5		31	44		28		38	15	0	dr.	2
'ATBARA											43								6
KHARTUM	200	8	30	02	2	7	As, Cs	7.5		30	39		25		40	15	dr.	7	6
KASSALA											42								19
WAD MEDANI	310	9	35	02	2	8	Ci	7.4		30	40		24		43	16	dr.	49	21
RENK																			75
ROSEIRES	180	5		02	2	8	As	9.5		25	35		22		70	19	0	2	87
EL OBEID	180	8	30	03	8	3	Ac, Cs	8.6		25	37		22		32	7	0.5	8	29
EL FASHER	140	9	30	03	2	8	St,			23	35		22		69	17	0	8	12
GENEINA											34								20
MALAKAL	320	9	30	03	2	8	Cc	10.2		26			23		74	21	0	92	165
WAU	310	7	30	50	2	8	St, As	11.4		23	34		23		89	21	1	210	313
JUBA	180	5	30	01	2	5	Sc, Cu	10.2			32					22	1	320	405

UPPER WIND OBSERVATIONS on 20th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Mangabad Dir.	Asyut Mangabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Time					2		2						2 30										4	
Height m.																								
300					100	9	80	9					10	18									70	28
600					100	13	80	9					50	13									60	24
1000					100	6	80	21					40	20									40	17
1500													60	24									10	15
2000																							360	21
3000																							330	20
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time							8		3				4				3		4					
Height m.																								
300							360	10	350	13														
600							360	15	30	11			100	27			90	15						
1000							10	19	80	19			160	16			100	9	150	15				
1500							20	15	30	11			140	13			160	6	110	17				
2000							350	10																
3000									130	4							150	17	90	32				
4000																			80	34				
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — Farouk Airport

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Rawinsonde — Airport (On ... At ...)

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Rawinsonde — Airport (On ... At ...)

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 19th

Station	Hurghada Dir.	Hurghada Vel.	Asyut Dir.	Asyut Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Kharga Dir.	Kharga Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Dakhla Dir.	Dakhla Vel.	Matruh Dir.	Matruh Vel.	Siwa Dir.	Siwa Vel.	Minya Dir.	Minya Vel.	Minya Dir.	Minya Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		4		14		14		14		14		20		20		20	
Height m.																										
300	340	29	340	19	340	26	10	15	360	9	360	6	170	12	60	4	110	16	350	22	10	40	10	12	360	12
600	330	22	340	27	30	4	10	18	360	7	10	7	170	18	60	3	120	11	360	21	20	35	10	16	350	10
1000	300	9	350	23	30	7	20	21	350	16	340	10	170	10	320	3	130	2	350	21	20	25	10	9	350	19
1500	270	12	20	12	340	15			300	15	320	15	170	28	330	12	70	6			350	9	310	9	340	14
2000	230	35	310	13	300	12			320	14	220	17	180	33	320	9	90	7			320	21	310	19	290	20
3000	270	35	240	9	320	21									310	21	100	4								
4000			240	16													350	6								
5000			260	20																						
6000																										
7000																										
8000																										

HUMIDITY % — Mean of day

Station	on 19th	Diff. from normal
Alexandria		
Ezbeklya	50	0
Giza	46	-4
Helwan	45	+7

GIZA — GRASS MINIMUM TEMP. ON 20th 14.8 °C.

Remarks

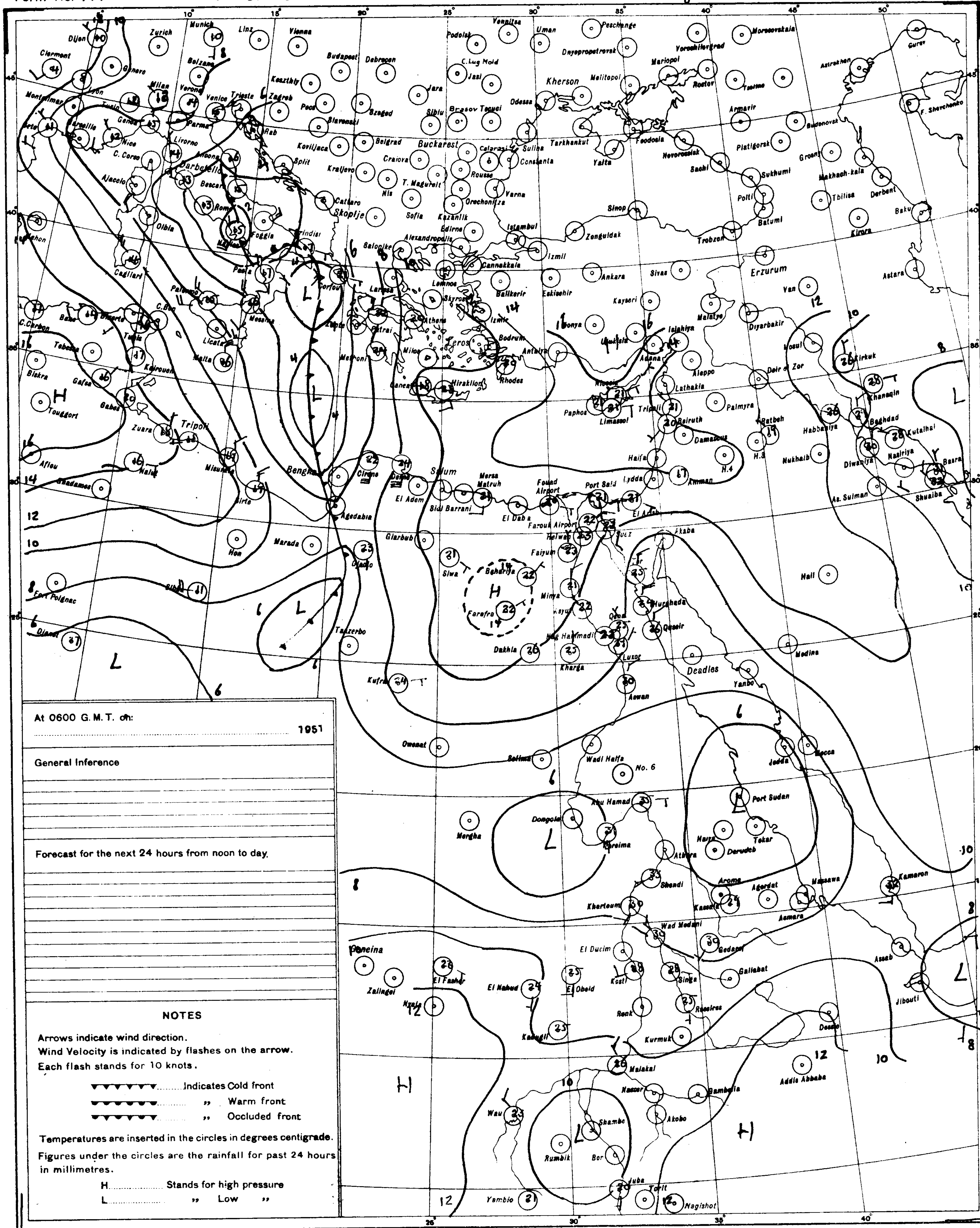
Printed by the Survey of Egypt 949 (49,597) (50/511)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 20/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 59 G. M. T.

" " Sunset 16 44 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: monday 21st may, 1951

At 1200 on Sunday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÜM	180	19	35	03	2	7	ac	7.4	33	19	6
	303	SÎDI BARÂNI	100	8	18	02	2	7	cs	8.5	25	45	12
	306	MATRÛH	130	10	18	03	1	6	ci	10.4	27	45	14
	309	EL DABA	40	12	35	03	2	8	st	10.7	25	54	15
		ALEXANDRIA	40	10	50	03	2	8	as	11.1	28	45	15
	316	FOUAD (Airport)	60	8	18	03	2	7	ac, ci	10.8	30	46	17
	330	DAMIETTA	20	5	35	01	1	6	—	11.9	24	50	13
	333	PORT SA'ÎD	10	10	30	03	1	5	cs	11.5	24	69	18
	336	EL 'ARISH	360	6	30	01	2	5	cs	11.5	23	65	16
Lower Egypt	339	DAMANHUR	90	9	15	02	1	7	ci	11.6	30	35	13
	342	MANSURA	40	5	35	00	3	3	cb	10.8	30	40	15
	348	TANTA	130	3	35	03		6	ac	11.0	32	28	11
	354	ZAGAZIG	40	3	50	03	1	3	ci	11.5	30	40	15
	440	ISMA'ÎLÎA	40	5	35	03	2	6	ci	10.6	31	22	7
Cairo Area	366	FAROUK (Airport)	70	10	30	02	2	7	ci	10.7	32	18	5
	372	ALMÂZA	70	13	18	02	2	6	cs	9.9	32	24	9
		EZBEKÎYA	40	4	18	02	1	6	ac, ci	10.0	32	16	3
		GÎZA	40	4	18	02	1	6	ac, ci	9.9	33	21	8
	378	HELWÂN	20	9	35	03	2	8	cs	8.3	35		
Upper Egypt	381	FAIYÛM	360	6	35	03	2	7	ci	10.0	34	14	3
	387	MINYA	10	8	12	02	1	2	ci	8.3	36	15	6
	393	ASYÛT MANQABÂD	00	0	30	03	1	3	ci	7.2	38	21	12
	399	NAG' HAMMÂDI	00	0	35	01	1	2	—	7.5	38	16	8
	402	QENA											
	405	LUXOR	320	4	30	00	0	0	—	5.9	40	6	-4
	414	ASWÂN	00	0	50	01	1	3	ci	4.4	41	10	3
Oases	417	SÎWA	180	14	14	02	1	2	ci	10.4	36	12	2
	420	BAHARÎYA	70	3	35	02	1	3	ac	9.4	38	16	8
	423	FARAFRA	40	1	35	02	0	0	—	11.2	30	25	8
	432	DAKHLA	340	5	50	01	2	3	—	8.6	37	14	6
	435	KHARGA	00	0	15	03	1	4	ci	8.6	38	16	8
Red Sea	450	SUEZ	360	5	50	03	0	5	ci	8.8	32	15	2
	459	TÛR											
	462	HURGHADA	10	11	30	02	1	4	ci	7.0	27	66	20
	465	QUSEIR											
	641	PORT SÛDÂN	90	10	10	05	1	3	ac	5.3	33	59	24
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD	150	2	30	02	0	0	—	2.2	43	14	10
	660	KAREIMA	50	4	30	02	0	0	—	2.2	43	15	11
	680	'ATBARA	230	7	30	02	2	3	cs	2.8	41	15	9
	721	KHARTÛM	230	7	30	01	1	4	cu, ac	2.5	39	20	12
	730	KASSALA	340	8	30	02	2	7	cs	2.4	39	21	13
Central Sudan	751	WÂD MEDANI	230	5	35	02	2	8	as	3.8	37	27	15
	801	RENK	130	9	35	02	1	6	cu	5.9	35	39	19
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	110	17	10	75	2	8	cb, cs	8.2	29	55	19
	880	WAU	00	0	30	02	8	7	as	6.4			20
	941	JUBA											

At 1800 on Sunday 20th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
62300	SALÜM												
303	SÎDI BARÂNI												
306	MATRÛH	160	15	14	03	2	7	ac	7.6	22	69	16	0
309	EL DABA												
	ALEXANDRIA	90	17	35	02	2	8	as	10.0	21			0
316	FOUAD (Airport)	30	10	12	01	2	6	ci	10.7	21	83	18	0
330	DAMIETTA	40	5	7	02	1	5	ac	11.4	21	83	18	0
333	PORT SA'ÎD	40	16	18	02	2	7	cs	11.0	21	83	18	0
336	EL 'ARISH	50	6	14	01	2	4	cs	10.6	20	88	18	0
339	DAMANHUR	40	9	15	02	0	0	—	11.2	23	61	15	0
342	MANSURA	40	5	15	02	1	3	sc, ac	11.1	22	74	17	0
348	TANTA												
354	ZAGAZIG	40	5	35	03	1	0	—	9.9	23	74	18	0
440	ISMA'ÎLÎA	360	5	35	03	2	8	cs	10.0	22	65	15	0
366	FAROUK (Airport)	70	17	30	02	2	3	ci	10.0	25	61	17	0
372	ALMÂZA	70	17	12	01	1	3	cc	9.3	26	55	16	0
	EZBEKÎYA	40	18	12	02	1	2	cu	9.4	27	45	14	0
	GÎZA	40	18	12	02	1	2	cu	10.2	27	37	11	0
378	HELWÂN	20	17	15	01	1	3	ci	7.9	28	33	10	0
381	FAIYÛM	00	0	35	01	2	6	ci	8.4	29	23	6	0
387	MINYA	290	5	10	00	1	0	—	8.1	25?	51	14	0
393	ASYÛT MANQABÂD	300	2	12	00	0	0	—	7.4	29	29	9	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	6.7	28	40	13	0
402	QENA	320	2	7	02	1	3	—	7.0	32	20	6	0
405	LUXOR	00	0	12	00	0	0	—	6.0	33	13	1	0
414	ASWÂN	00	0	35	00	0	0	—	5.1	38	13	5	0
417	SÎWA	110	2	12	03	1	5	ac, ci	8.6	31	18	4	0
420	BAHARÎYA												
423	FARAFRA												
432	DAKHLA	00	0	35	00	0	0	—	6.6	31			0
435	KHARGA												
450	SUEZ	310	6	35	01	0	2	ci	8.7	25	47	13	0
459	TÛR												
462	HURGHADA	300	2	18	03	2	7	cs	6.3	26	58	17	0
465	QUSEIR	00	0	15	01	0	0	—	8.2	27	58	18	0
641	PORT SÛDÂN	140	2	30	02	1	3	ac	7.2	30	74	25	0
600	WÂDI HALFA	330	15	30	01	2	5	ci	4.6	38	15	7	0
640	ABU HAMAD	130	2	30	02	0	0	—	3.3	37	24	13	0
660	KAREIMA	330	4	30	02	0	0	—	2.7	37	17	8	0
680	'ATBARA	110	7	30	02	1	0	—	4.1	37	16	7	0
721	KHARTÛM	00	0	30	01	2	5	ac, ci	3.5	35	30	15	0
730	KASSALA	00	0	30	03	2	7	ac	4.1	31	36	14	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	00	0	30	13	2	8	cb, ac	5.7	32	38	16	0
760	EL FÂSHER	140	7	30	01	0	0	—		31	33	13	0
770	GENEINA	260	1	30	13	9	3	cu, ac		25	54	15	0.1
840	MALAKÂL												
880	WAU	00	0	30	02	2	6	cb, ac	8.2	26	74	21	dr.
941	JUBA	50	5		03	9	8	st, ci	11.6	29	62	21	3

At 0600 on Monday 21st May, 1951

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM																			
303	SÎDI BARÂNI																			
306	MATRÛH	350	20	6	07	2	7	as	9.2	-4.7	21	31		18		65	14	0	51	
309	EL DABA																			
	ALEXANDRIA	130	6	35	02	2	8	ac	7.1	-6.7	22	28	+2	20	+2	57	13	0	63	185
316	FOUAD (Airport)	90	7	15	02	2	8	sc, as	7.2		23	30		20		65	16	0	63	138
330	DAMIETTA	110	5	7	03	2	8	sc	8.6	-4.6	23	25	-2	20	+2	84	20	0	Rain	105
333	PORT SA'ÎD	90	13	14	02	2	7	cs	7.9	-4.7	23	25		21		74	18	0	18	
336	EL 'ARISH																			93
339	DAMANHUR	130	9	15	02	1	6	as	8.0	-5.6	23	31	0	20	+4	61	15	0	35	101
342	MANSURA	90	5	50	02	1	3	sc, ac	9.4	-3.9	23	32	0	21	+5	74	18	0	31	54
348	TANTA																			43
354	ZAGAZIG	40	1	15	02	2	8	as			21	32	-1			83	18	0	Rain	27
440	ISMA'ÎLÎA	140	2	35	02	2	8	as	8.2		23	31		19		65	16	0	17	
366	FAROUK (Airport)	200	26	10	02	2	8	ac	7.1		29	33		16		31	10	0	Rain	
372	ALMÂZA	200	15	12	02	2	8	as	7.0	-6.0	29	33		19		20	4	0	12	
	EZBEKÎYA	00	0	12	02	1	8	ac	7.0	-6.0	25	33	0	20	+2	42	11	0	11	26
	GÎZA	00	0	12	02	1	8	ac	7.9	-5.1	26	34	+1	17	+2	42	12	0	11	26
378	HELWÂN	140	11	15	03	2	8	as	8.0	-4.9	25	36	+3	19	+1	22	2	0	12	29
381	FAIYÛM	00	0	35	03	2	8	as	9.0	-3.8	25	36	+2	18	0	54	15	0	8	8
387	MINYA	00	0	10	03	1	5	cs	9.3	-2.8	25	36		16		42	11	0	3	
393	ASYÛT MANQABÂD	310	3	8	10	0	4	cs	8.9	-3.1	27	39		22		33	9	0	dr.	
399	NAG' HAMMÂDI																			
402	QENA	40	2	15	02	1	3	cu	9.3	-1.1	27	43	+4	21	0	20	2	0	2	
405	LUXOR	10	2	30	03	1	1	cs	8.5	-1.8	30	42		19		9	-6	0	0	
414	ASWÂN											42	+2							
417	SÎWA	340	10	10	03	0	4	as, ci	11.5	-2.7	21	40?	+5	20	+3	74	16	0	1	8
420	BAHARÎYA																			7
423	FARAFRA																			
432	DAKHLA	00	0	35	01	0	3	ci	9.8	-2.2	26	40	+2	19	-1	13	-5	0	0	
435	KHARGA																			
450	SUEZ	00	0	50	00	0	8	sc	8.4	-4.0	22	34	+1	18	-1	65	15	0	5	17
459	TÛR																			13
462	HURGHADA	340	2	30	03	2	7	cs	7.9	-2.7	26	29		18		62	18	0	8	
465	QUSEIR	80	5	15	00	0	3	ci	9.4?	-0.9	28	29	-2	23	-1	52	17	0	dr.	4
641	PORT SÛDÂN	150	7	30	02	0	1	sc	8.7		32	34		25		66	25	0	155	97
600	WÂDI HALFA	360	1	30	02	0	0	—	7.5		31	44		25		19	5	0	dr.	
640	ABU HAMAD	00	0	30	02	0	0	—	6.5		37	45		28		29	16	0		
660	KAREIMA	150		30	01	1	0	—	6.4		35	44		29		30	15	0	dr.	2
680	'ATBARA	220	12	10	07	0	1	ac	7.5		34	42		27		32	15	0	0.3	6
721	KHARTÛM	200	19	30	03	0	1	ac, ci	8.9		31	39		27		43	17	0	7	7
730	KASSALA	200	4	30	01	2	3	ac	8.4		32	41		25		41	17	0	3	20
751	WÂD MEDANI	230	9	50	02	1	4	ce	8.4		32	37		26		41	17	0	49	21
801	RENK																			76
802	ROSEIRES	50	5	35	02	1	4	ac			26	37		23		70	20	0	2	91
771	EL OBEID	210	13	30	02	2	6	ac	9.7		27	35		25		62	19	0	8	29
760	EL FÂSHER	180	3	30	01	0	1	ac			26	35		23		58	17	0	8	12
770	GENEINA											35								20
840	MALAKÂL	120	2	30	02	2	7	ac	12.1		23	34		20		94	22	45	137	168
880	WAU	250	1	30	02	2	7	ac	11.2		24	28		22		79	20	dr.	210?	318
941	JUBA	00	0	10	03	2	8	st, ac	12.2		22	32		21		89	20	3	323	410

HUMIDITY

Mean of day %

Station	on 20th	Diff from normal
Alexandria	67	-4
Ezbeklya	44	-6
Gîza	37	-13
Helwân	35	-3

GÎZA GRASS MINIMUM TEMP ON 21st 15.2 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — Helwan Obs. — On 20th At 8th

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	159	28	22	100	4
950					
900					
850	1860	22	20	40	9
800					
700	3228	12	19	300	16
600	4495	3	20	270	24
500	5942	-9		310	43
400					
300	9691	-38			

UPPER WIND OBSERVATIONS on 20th

Station	Kharga		Port Said		Matruh		Minya		Hurghada		Siwa		Dakhla		Asyut		Fouad A.P.		El Arish				Farouk A.P.		Port Said	
Time	14		14		14		14		14	15	14		14		14		14		14				21		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	7	50	15	90	17	350	12	360	9	160	9	310	6	310	10	90	18	10	17			100	17	80	22
600	10	9	50	9	270	15	360	12	350	6	150	11	310	10	300	4	60	16	60	10			10	4	70	13
1000	20	13	110	6	270	18	340	8	150	14	160	14			320	10			190	7			260	14	90	7
1500	30	12	360	3	240	17	360	6	300	14	190	14			20	10			250	4			260	7	150	3
2000			40	3	250	10			260	18					50	6			320	7					240	20
3000			330	13					260	12					350	16			320	11					240	16
4000			300	7																						
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farafra A.P.	
Time					2		2				7		2										3 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					160	19	110	18			170	12	70	3									240	6
600					160	18	170	9			200	17	30	6									290	8
1000					170	16	110	19			220	16	350	4									290	9
1500											220	25	220	2									340	9
2000																							310	11
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time													4		3 30		3		4		4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600													330	6	170	20								
1000													280	6	200	24	190	13	230	25	210	9		
1500													230	13	220	14	130	7	240	7	180	7		
2000															310	6			150	2				
3000													150	23	50	12	180	12	50	21	60	24		
4000																								
5000													110	19										
6000																								
7000																								
8000																								

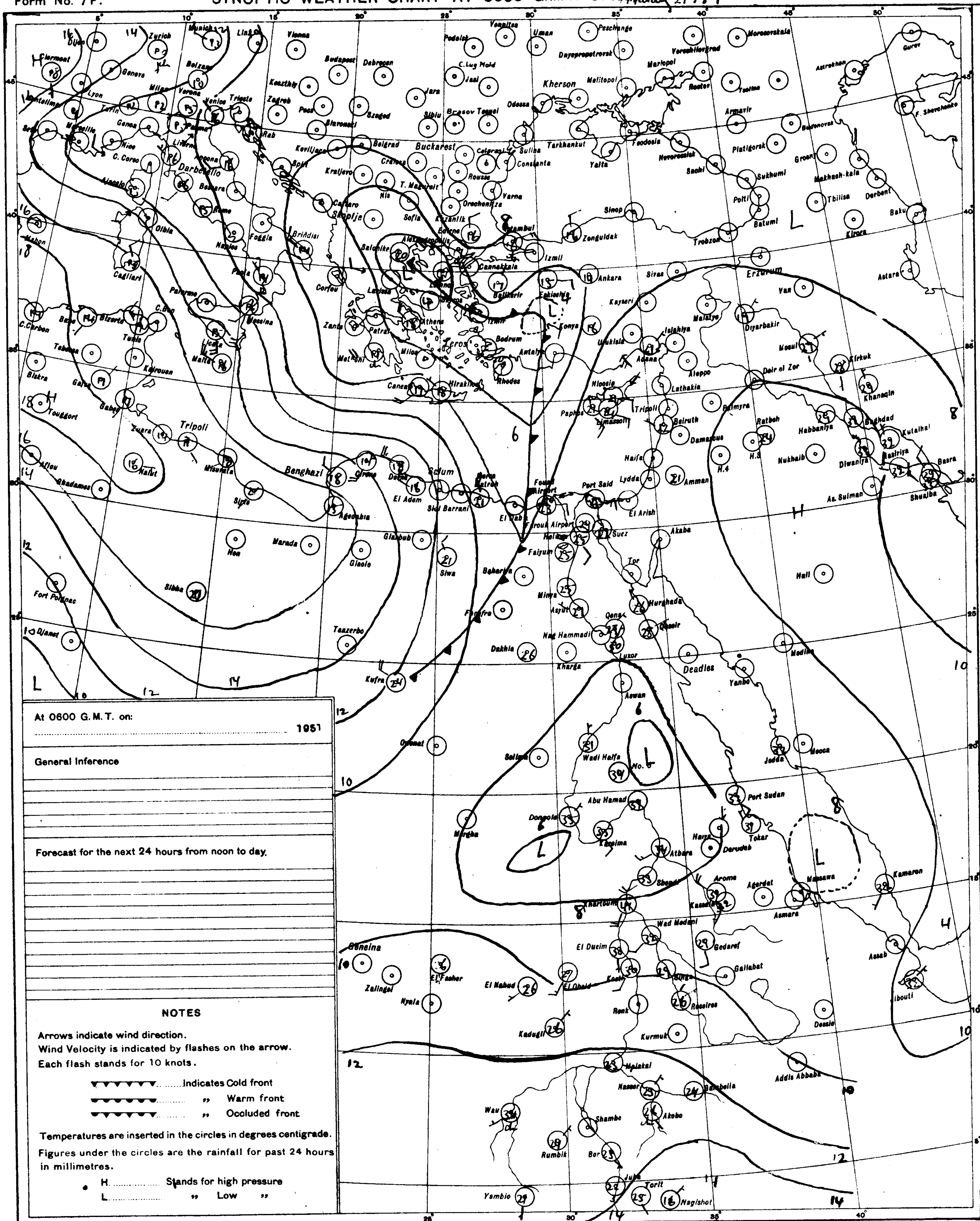
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 21-5-1 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (v/s less than 1000 m.)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 58 G.M.T.

" " Sunset 16 45 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 22nd May, 1951

At 1200 on Monday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	340	2	35	00	0	0	—	9.1	24	38	9
	303	SIDI BARANI	320	15	18	01	1	1	Cu	10.0	21	53	11
	306	MATRUH	350	25	18	00	0	0	—	9.2	22	53	12
	309	EL DABA	320	16	35	00	0	0	—	9.0	21	74	16
		ALEXANDRIA	310	22	35		0			8.3	22	74	17
	318	FOUAD (Airport)	290	20	12	01	2	7	Sc	8.5	23	74	18
	330	DAMIETTA	340	5	15	02	2	8	As	6.2	33	47	20
	333	PORT SA'ID	350	9	30	01	1	3	Ac, Ci	5.5	28	62	20
	336	EL 'ARISH	180	12	12	02	2	8	Ac, Ci	4.1	28	40	13
Lower Egypt	339	DAMANHUR	230	9	15	02	1	2	Ci	7.8	29	59	20
	342	MANSURA	360	5	35	01	0	0	—	6.4	34	32	15
	348	TANTA	270	13	35	03	2	8	As	7.4	35	44	21
	354	ZAGAZIG	40	3	35	03	1	3	As	7.2	35	42	20
	440	ISMA'ILIA	110	2	35	03	2	8	Ci	5.4	36	25	13
Cairo Area	366	FAROUK (Airport)	290	17	11	02	2	7	Ac, Cs	6.4	34	22	9
	372	ALMAZA	290	13	10	03	2	7	Cs	6.3	34	22	9
		EZBEKIYA	310	6	18	02	1	5	Cu, Ac	6.4	35	22	10
		GIZA	310	6	18	02	1	5	Cu, Ac	6.6	36	20	10
	378	HELWAN	290	15	7	02	2	8	As	6.0	33	21	8
Upper Egypt	381	FAIYUM	360	6	35	02	2	8	As	6.7	36	17	7
	387	MINYA	200	4	10	03	2	8	Ci	6.2	36	21	7
	393	ASYUT MANQABAD	00	0	18	02	2	8	Cs	6.0	40	12	5
	399	NAG' HAMMADI	00	0	35	02	1						
	402	QENA	90	2	50	02	1	3	Cu	6.3	40	12	6
	405	LUXOR	280	5	30	02	2	4	As	5.0	42	6	-3
	414	ASWAN	00	0	50	00	0	0	—	4.7	45	5	-2
Oases	417	SIWA	270	16	10	02	1	3	Cs	11.4	29	20	4
	420	BAHARIYA	320	4	35	02	2	8	Ac	7.8	34	22	9
	423	FARAFRA	270	1	35	03	2	8	Ac	7.0	40	19	12
	432	DAKHLA											
	435	KHARGA	00	0	15	03	1	3	Cc	7.0	42	12	7
Red Sea	450	SUEZ	00	0	35	02	0	8	Sc	4.7	29	35	12
	459	TOR	310	24	7	02	0	0	—	6.7	30	52	19
	462	HURGHADA	110	4	30	02	2	4	Cs	6.3	29	66	22
	465	QUSEIR	90	5	15	03	1	4	Ci	7.3	29	66	22
	641	PORT SUDAN	90	12	30	03	0	1	Cu	6.9	33	63	25
North Sudan	600	WADI HALFA	330	4	30	02	0	0	—	3.9	45	16	13
	640	ABU HAMAD	200	2	30	03	1	3	Cu	2.9	44	11	7
	660	KAREIMA	50	2	30	02	0	1	Cu	3.2	44	14	11
	680	'ATBARA	30	16	30	03	0	2	Cu	3.2	44	13	8
	721	KHARTUM	210	3	50	02	0	1	Cu	4.1	39	21	13
	730	KASSALA	280	2	30	03	1	2	Cu, Ci	3.2	42	17	12
Central Sudan	751	WAD MEDANI	50	5	80	02	1	6	Cu	3.8	39	26	16
	801	RENK	180	5	35	02	1	6	Sc	6.6	36	31	16
	802	ROSEIRES	230	5	35	02	0	2	Cu	5.8	36	27	14
	771	EL OBEID	00	0	30	02	1	6	Cu, Ac	5.3	36	29	15
	760	EL FASHER	200	3	30	03	1	4	Cu, Ac		36	22	11
	770	GENEINA	290	2	30	03	1	3	Cu		34	34	16
S. Sudan	840	MALAKAL	230	3	30	01	2	6	Cu, Ac	7.9	33	38	17
	880	WAU	70	7	10	95	9	7	Cb, Cs	8.6	27	70	21
	941	JUBA											

At 1800 on Monday 21st

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	290	5	15	00	0	0	—	11.0	19	64	12	0
SIDI BARANI	320	15	14	03	0	1	Cu	9.6	18	78	14	0
MATRUH	350	9	15	00	0	0	—	10.2	18	68	12	0
EL DABA	320	8	7	00	0	0	—	9.3	19	64	12	0
ALEXANDRIA	310	22	35	03	1	4	Ac	9.4	19	64	12	0
FOUAD (Airport)	290	15	12	01	1	2	Sc	9.3	19	73	14	0
DAMIETTA	320	9	7	02	2	8	As	7.6	21	83	18	0
PORT SA'ID	300	23	6	01	8	5	Cu, Sc	6.6	22	89	20	dr.
EL 'ARISH	270	8	10	01	2	5	Sc, Ac	5.8	25	70	19	0
DAMANHUR	360	13	15	02	1	6	—	9.6	20	73	15	0
MANSURA	320	5	15	02	1	0	—	8.8	21	74	16	0
TANTA	270	2	35	03	2	6	As	7.8	20	83	17	0
ZAGAZIG	40	6	35	02	1	0	—	7.5	22	83	19	0
ISMA'ILIA	290	5	35	03	2	7	As	7.0	24	69	18	0
FAROUK (Airport)	340	16	12	00	0	0	—	8.3	24	69	18	0
ALMAZA	320	10	12	00	0	0	—	7.7	24	74	19	0
EZBEKIYA	350	16	12	00	0	0	—	8.8	23	65	16	0
GIZA	350	16	12	00	0	0	—	8.8	22	65	15	0
HELWAN	320	19	3	30	3	3	Ac	7.6	23	61	15	0
FAIYUM	360	6	35	01	0	0	—	7.0	25	47	13	0
MINYA	20	6	8	02	2	7	Ac, Ci	6.0	27	33	9	0
ASYUT MANQABAD	00	0	8	01	2	7	Ac	5.2	34	19	7	0
NAG' HAMMADI	00	0	15	02	2	6	Ac, Ci					0
QENA	270	1	7	02	1	3	Cu	5.6	34	18	6	0
LUXOR	00	0	12	03	2	4	Ci	3.9	34	10	-2	0
ASWAN	00	0	35	00	0	0	—	3.6	39	11	3	0
SIWA	280	9	10	00	0	0	—	11.0	26	42	12	0
BAHARIYA	320	3	15	01	2	3	Ac	8.3	28	27	7	0
FARAFRA	320	1	35	03	2	6	Ac	10.0	31	21	6	0
DAKHLA												
KHARGA												
SUEZ	360	9	35	01	0	3	Cu, Ci	8.8	25	70	19	0
TOR	360	9		02	0	0	—		27	66	20	0
HURGHADA	00	0	18	02	2	7	Cs	5.2	25	74	20	0
QUSEIR	40	5	15	01	1	3	Ci	5.8	27	74	22	0
PORT SUDAN												
WADI HALFA												
ABU HAMAD	00	0	30	02	0	0	—	3.4	37	14	6	0
KAREIMA	10	2	30	03	1	3	Ac	2.8	37	20	11	0
'ATBARA	110	1	30	02	1	0	—	3.0	37	14	6	0
KHARTUM	00	0	50	13	1	3	Cu, Ac	3.4	36	27	14	0
KASSALA	330	3	30	01	1	1	Ac	3.6	33	30	13	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL	200	3	30	01	6	8	Ac, Cs	7.4	27	74	22	2
WAU	230	2	30	01	9	8	St, Ac	8.3	24	84	21	2
JUBA												

At 0600 on Tuesday 22nd May,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	290	9	15	03	1	3	Sc	12.3	-0.7	20	24	-3	14	-3	56	11	0	91	
SIDI BARANI	310	14	14	02	1	2	Cb	11.3		19	22		17		73	14	0	108	
MATRUH	300	13	18	03	2	7	Cb	11.3	-2.6	18	23		14		68	12	0	51	
EL DABA	250	13	15	03	2	7	St	10.8		19	25		14		83	16	0	54	
ALEXANDRIA	270	16	50	02	2	4	Cu	10.8	-3.0	20	26	0	18	0	64	13	0	63	185
FOUAD (Airport)	290	11	14	03	0	3	Sc	11.1		22	27		17		57	13	0	63	138
DAMIETTA	270	5	15	01	1	6	Ac	11.4	-1.7	20	34	+7	14	-4	73	15	0	Rain	105
PORT SA'ID	260	13	10	02	1	7	Cs	10.9	-1.6	20	32		18		73	15	dr.	18	
EL 'ARISH																			93
DAMANHUR	360	5	15	02	1	3	Cu	11.5	-2.1	21	33	+2	15	-1	65	14	0	35	101
MANSURA	270	5	35	01	0	0	—	11.5	-1.7	21	37	+5	14	-3	74	16	0	31	54
TANTA	220	2	35	03	2	8	As	12.4	-1.2	21	35	+2	14	-2	65	14	0	23	43
ZAGAZIG	320	1	35	02	0	0	—	12.2	-1.3	21	36	+3	15	-1	65	14	0	Rain	27
ISMA'ILIA	290	2	35	03	1	6	Ci	11.8		21	38		16		65	14	0	17	
FAROUK (Airport)	290	6	12	03	1	4	Ci	12.5		20	38		16		64	13	0	Rain	
ALMAZA	290	4	10	05	1	2	Ci	11.9	-1.1	20	36		15		73	15	0	12	
EZBEKIYA	00	0	12	02	1	3	Cu	12.4	-0.6	21	36	+3	16	-2	65	14	0	11	26
GIZA	00	0	12	02	1	3	Cu	12.0	-1.0	20	38	+5	12	-3	64	13	0	11	26
HELWAN	340	3	7	00	0	1	Ci	12.2	-0.6	18	36	+3	15	-3	73	13	0	12	29
FAIYUM	360	6	35	02	0	0	—	12.3	-0.5	20	38	+3	16	-2	64	13	0	8	8
MINYA	10	11	8	00	0	0	—	12.7	+0.6	21	37		14		57	12	0	3	
ASYUT MANQABAD	300	6	12	00	0	0	—	11.8	-0.1	22	42		19		53	12	0	dr.	
NAG' HAMMADI																			
QENA	240	2	15	03	1	6	Cu	8.4	-2.0	28	42	+3	25	+4	45	15	0	2	
LUXOR	290	5	30	03	0	2	Ci	8.5	-1.7	32	43		24		22	8	0	0	
ASWAN	360	8	50	00	0	0	—	7.6	-2.8	33	45	+5	26	+2	12	0	0	0	
SIWA	40	2	12	00	0	0	—	14.6	+0.4	21	30	-5	14	-3	53	11	0	1	8
BAHARIYA											37	+2							7
FARAFRA	300	1	35	02	0	0	—	13.4		23	43		22		27	3	0	dr.	1
DAKHLA																			
KHARGA	40	2	7	03	1	4	Ac	10.7	-0.2	25			23	+1	42	11	0	0	
SUEZ	360	5	35	00	0	2	Ci	10.8	-1.6	21	32	-1	16	-3	57	12	0	5	17
TOR	310	19	7	02	0	0	—	7.9	-2.4	26	32	0	22	+1	55	16	0	4	13
HURGHADA	340	20	30	00	0	0	—	6.7	-3.9	25	30		22		48	13	0	8	
QUSEIR	360	13	15	00	0	0	—	7.9	-2.4	26	31	0	22	-2	74	21	0	dr.	4
PORT SUDAN	130	8	30	02	0	0	—	7.0		32	34		26		66	25	0	155	97
WADI HALFA																			
ABU HAMAD	00	0	30	02	0	1	Ac	5.6		37	45		29		13	5	0		
KAREIMA	70	3	30	01	1	1	Ac	5.7		35	45		28		32	16	0	dr.	2
'ATBARA	180	3	30	01	0	1	Ac	5.8		34	44		27		20	8	0	0.3	6
KHARTUM	290	8	30	02	0	1	Ac	6.4		33	41		26		36	16	0	7	7
KASSALA	180	5	30	02	0	0	—	6.8		31	42		25		38	15	0	3	20
WAD MEDANI	310	5	35	02	0	2	Ci	7.6		28	40		20		58	19	2	51	22
RENK																			77
ROSEIRES	180	5	35	02	1	3	As	8.7		30	37		20		62	22	0	2	93
EL OBEID	260	4	30	02	1	5	Ac	7.3		28	37		24		45	15	dr.	8	30
EL FASHER	40	2	30	02	0	1	Ci			29	37		23		46	16	0	8	13
GENEINA	220	1	30	01	1	1	Ac			25	38		22		70	19	1		21
MALAKAL	20	5	30	03	1	7	Ac	9.7		29	36		24		59	20	0	137	171
WAU	230	5	30	03	2	8	Ac, Cs	9.6		27	32		23		74	22	2	212	323
JUBA											31								415

HUMIDITY

Mean % of day

Station	on 21st	Diff. from normal
Alexandria	61	-10
Ezbeklya	51	+1
Giza	50	0
Helwan	37	-1

GIZA

GRASS MINIMUM TEMP. ON 22nd 9.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st

Height m.	Kharga Dir.	Kharga Vel.	Siwa Dir.	Siwa Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Matruh Dir.	Matruh Vel.	Luxor Dir.	Luxor Vel.	Port Said Dir.	Port Said Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Farouk Dir.	Farouk Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14	15	14		14		20		20	
300	30	3	320	26	300	30	310	20	280	14	310	18	130	8	230	12	90	3	320	16	10	35
600	40	5	270	9	300	20	310	26	270	10	300	16	80	5	220	18	200	3	310	17	360	22
1000	40	8	220	9	300	25	300	30	240	10	300	17	120	5	210	21	190	7	300	29	300	21
1500			300	30					180	7	270	22	290	3	170	11	240	12	240	32	240	16
2000			280	32					240	12	270	29	270	14	210	11	260	14	210	44	230	24
3000			250	39					230	10							260	12				
4000																						
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 22nd

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk Dir.	Farouk Vel.
Time			4		3		2						2										3	
300			300	28	280	15	250	14					360	21									280	7
600			360	12	290	21	290	14					360	30									290	6
1000			310	24	310	17	300	21					320	27									300	8
1500			300	25	280	20	280	25					290	19										
2000					270	24	250	27																
3000							250	26																
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									4															
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

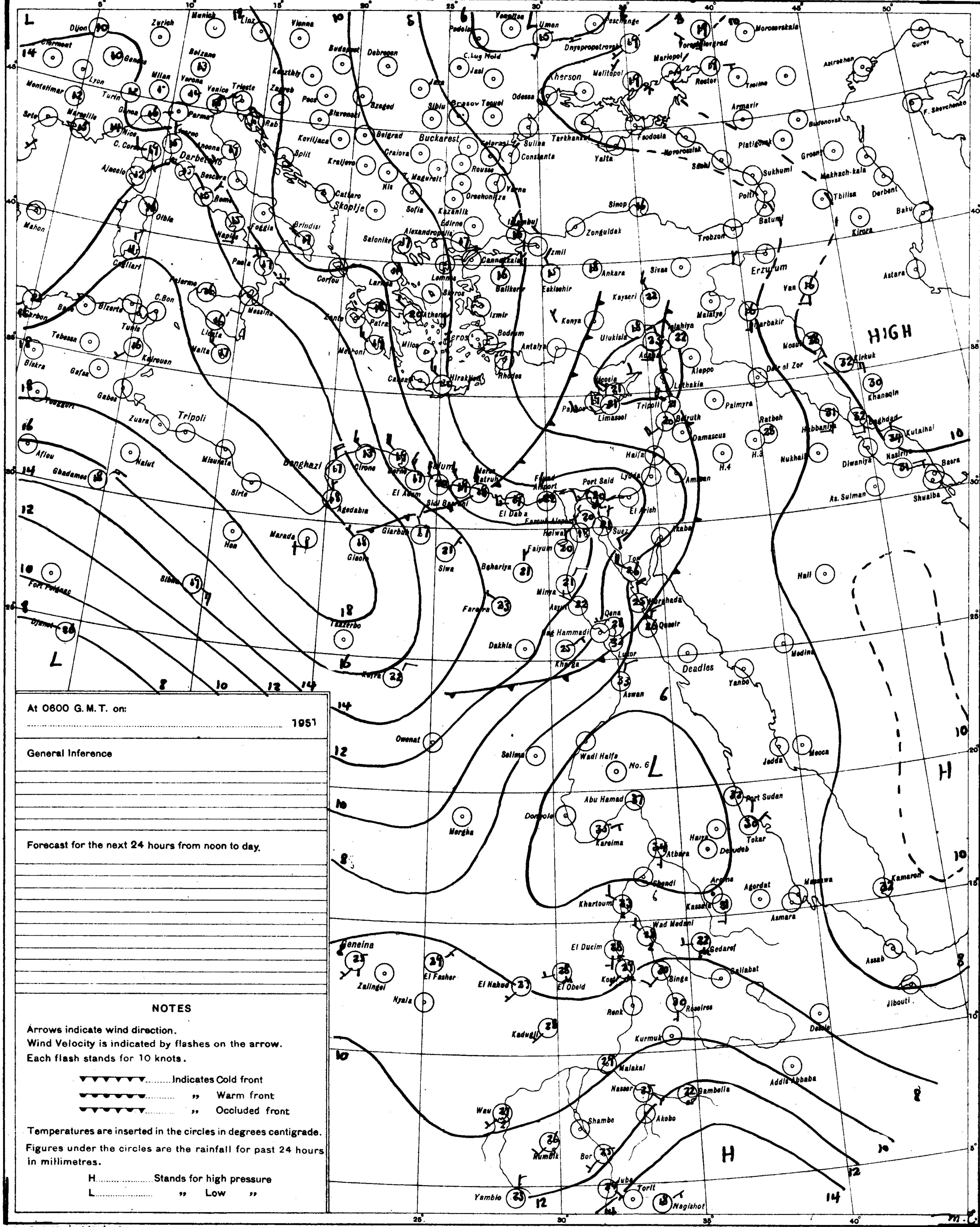
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 22/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.......................Stands for high pressure
L....................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless.......00
Clouds dissolving.......01
State of sky generally unchanged.......02
Clouds developing.......03

Visibility more than 1000 metres:
- Visibility reduced by smoke.......04
- Dry haze.......05 ∞
- Dust in the air.......06
- ,, or sand raised by wind.......07
- Dust devil.......08
- Duststorm or sandstorm within sight or at station during last hour.......09
- Mist.......10
- Shallow fog.......12

Lightning, no thunder heard.......13
Precipitation within sight.......16 (•)
Thunder, no precipitation.......17

During past hour and not at time of observation:
- Squalls.......18 ▽
- Drizzle.......20
- Rain.......21
- Showers of rain.......25
- ,, ,, hail.......27
- Fog.......28
- Thunderstorm.......29

Duststorm or Sandstorm.......31
Fog.......45
Drizzle.......50
Rain.......60
Showers of rain.......80
,, ,, hail.......87
Rain } Thunderstorm during.......91
Hail } the past hour.......93
Thunderstorm with rain.......95
,, ,, hail.......96
,, ,, Sandstorm.......98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds.......0
Some clouds.......1
Mainly overcast.......2
Sandstorm or Duststorm.......3
Fog or thick dusthaze *(v/s less than 1000 m.)*.......4
Drizzle.......5
Rain.......6
Snow or rain and snow.......7
Showers of rain.......8
Thunderstorm with or without rain.......9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless.......0
1/8 of sky coverd or trace of cloud.......1
2/8 th ,, ,, ,,.......2
3/8 ,, ,, ,, ,,.......3
4/8 ,, ,, ,, ,,.......4
5/8 ,, ,, ,, ,,.......5
618 ,, ,, ,, ,,.......6
7/8 ,, ,, ,, ,,.......7
Sky completely covered.......8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 58 G.M.T.
" " Sunset 16 46 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 23rd May, 1951

At 1200 on Tuesday 22nd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
62800	SALUM	360	5	35	02	1	2	Cu	13.0	24	41	10
303	SIDI BARÂNI	310	16	18	01	1	3	Cu	13.7	21	65	14
306	MATRUH	340	19	14	02	1	4	Cu	13.0	21	57	12
309	EL DABA	320	15	35	00	0	0	—	11.4	21	57	12
	ALEXANDRIA	310	15	50	02	2	5	Cu	12.6	21		
318	FOUAD (Airport)	310	14	18	02	2	7	Sc	12.3	23	65	16
330	DAMIETTA	320	5	35	02	1	4	Cu	11.4	23	61	15
333	PORT SA'ID	350	16	18	02	1	3	Ac	11.3	22	65	15
336	EL 'ARISH	340	12	30	01	2	2	Ci	10.5	22	65	15
339	DAMANHUR	360	9	15	02	1	6	Cu	12.0	25	54	15
342	MANSURA	270	5	35	01		3	Cu	11.1	26	48	14
348	TANTA	270	2	35	03	2	6	Cu	12.6	26	42	12
354	ZAGAZIG	320	3	50	03	1	3	Cu	11.2	28	52	17
360	ISMAILIA	290	5	35	02	1	4	Cu	10.8	28	40	13
366	FAROUK (Airport)	320	12	14	01	1	2	Cu	11.7	27	35	10
372	ALMAZA	290	9	15	02	0	1	Sc	11.3	26	55	16
	EZBEKIYA	270	16	18	02	1	1	Ci	11.4	27	37	11
	GIZA	270	16	18	02	1	1	Ci	11.5	29	29	9
378	HELWAN	290	2	35	02	0	0	—	11.0	26	37	10
381	FAIYUM	360	8	35	02	0	0	—	12.4	29	29	9
387	MINYA	360	9	10	00	0	0	—	11.3	30	31	11
393	ASYUT MANQABAD	340	12	30	00	0	0	—	10.8	30	25	8
399	NAG' HAMMADI	290	2	15	01	0	0	—	9.3	36	27	14
402	QENA	290	3	50	00	0	0	—	7.6	40	10	3
405	LUXOR	290	6	30	00	0	0	—	7.3	38	12	5
414	ASWAN	20	3	50	01	1	3	Ci	5.8	41	8	0
417	SIWA											
420	BAHARIYA	320	3	35	02	0	0	—	12.3	28	40	13
423	FARAFRA	290	1	35	02	0	0	—	12.7	27	25	5
432	DAKHLA	300	11	50	01	0	0	—	10.7	32	24	9
435	KHARGA	360	4	15	00	0	0	—	11.0	32	24	9
450	SUEZ	290	8	50	01	0	0	—	9.4	29	46	16
459	TOR	330	13	35	02	0	0	—	7.4	32	56	22
462	HURGHADA	360	16	30	00	0	0	—	6.2	28	52	17
465	QUSEIR	20	9	15	01	0	0	—	6.7	29	66	22
641	PORT SUDAN	100	15	30	03	0	8	Cu	5.5	33	66	26
600	WADI HALFA	340	13	10	05	0	0	—	5.1	41	10	3
640	ABU HAMAD	170	2	30	03	0	2	Cu	2.4	45	9	5
660	KAREIMA	10	2	30	03	0	3	Cu	2.1	45	15	12
680	'ATBARA	90	15	7	07	0	1	Ac	2.4	40	7	-2
721	KHARTUM	200	13	50	03	0	7	Cu	2.4	42	11	6
760	KASSALA	130	5	30	03	1	3	Cs, Sc	0.9	43	14	10
751	WAD MEDANI	130	5	35	02	1	3	Cu	2.0	40	17	11
801	RENK	130	5	35	02	1	3	Cu	6.4	37	35	19
802	ROSEIRES											
771	EL OBEID	360	5	30	03	1	8	Cu, Cs	3.4	38	24	14
780	EL FASHER	80	7	30	03	0	3	Cu, Ci		38	18	10
770	GENEINA											
840	MALAKAL											
880	WAU	180	7	30	03	2	7	Cb	6.1	35	39	19
941	JUBA	40	5	30	15	9	7	Cb	6.0	32	29	12

At 1800 on Tuesday 22nd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62800	SALUM												
303	SIDI BARÂNI												
306	MATRUH	340	12	13	02	1	3	Sc	13.3	19	73	14	0
309	EL DABA												
	ALEXANDRIA	310	20	35	01	2	4	Cu	13.1	19	73	14	0
318	FOUAD (Airport)	300	13	14	02	1	3	Sc	12.6	19	73	14	0
330	DAMIETTA	320	2	7	01	0	0	—	11.4	20	73	15	0
333	PORT SA'ID	310	19	14	02	0	0	—	11.6	21	65	14	0
336	EL 'ARISH	320	9	14	02	1	2	Cu	12.1	21	74	16	0
339	DAMANHUR	310	5	15	02	1	1	Cu	12.6	19	73	14	0
342	MANSURA	320	5	15	01	0	0	—	12.4	21	65	14	0
348	TANTA	360	2	35	01	1	4	Cu	12.3	19	83	16	0
354	ZAGAZIG	00	0	35	02	1	0	—	12.3	21	74	16	0
360	ISMAILIA	360	2	35	01	0	0	—	12.0	22	57	13	0
366	FAROUK (Airport)	340	10	12	00	0	0	—	12.3	22	53	12	0
372	ALMAZA	10	10	12	00	0	0	—	11.9	23	65	16	0
	EZBEKIYA	310	4	12	00	0	0	—	12.0	23	50	12	0
	GIZA	310	4	12	00	0	0	—	11.1	22	50	11	0
378	HELWAN	340	3	15	02	0	0	—	11.4	23	44	10	0
381	FAIYUM												
387	MINYA	350	4	8	00	0	0	—	11.1	23	44	10	0
393	ASYUT MANQABAD	310	5	12	00	0	0	—	10.8	25	34	8	0
399	NAG' HAMMADI	340	2	15	00	0	0	—	10.0	27	37	11	0
402	QENA	320	2	7	00	0	0	—	8.5	31	16	2	0
405	LUXOR	270	8	18	00	0	0	—	8.5	31	19	3	0
414	ASWAN	320	4	15	00	0	0	—	7.9	38	9	0	0
417	SIWA												
420	BAHARIYA												
423	FARAFRA	200	1	15	02	0	0	—	12.8	26	23	3	0
432	DAKHLA												
435	KHARGA												
450	SUEZ	360	8	18	01	0	0	—	11.2	22	65	15	0
459	TOR	310	9		02	0	0	—	8.8	27			0
462	HURGHADA	330	15	12	00	0	0	—	7.1	27	55	17	0
465	QUSEIR	20	9	15	02	0	0	—	6.9	27	70	21	0
641	PORT SUDAN	170	3	30	02	0	0	—	5.5	31	74	26	0
600	WADI HALFA												
640	ABU HAMAD	00	0	30	02	0	1	Ac	2.5	38	17	9	0
660	KAREIMA	330	5	30	03	1	4	Ac	2.3	40	15	9	0
680	'ATBARA			30	01	0		Ci	2.2	38	18	10	0
721	KHARTUM	350	5	30	02	0	1	Ac	2.2	38	16	8	0
760	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	190	13	30	13	9	6	Cb, Ac	5.4	30			2
780	EL FASHER	180	5	30	13	2	5	Cb, Ac		32	34	14	0
770	GENEINA	250	5	30	11	2	8	Ac		32	36	15	0
840	MALAKAL												
880	WAU	00	0	30	01	2	7	Cb, Ac	8.4	25	94	24	5

At 0600 on Wednesday 23rd May,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62800	SALUM																			
303	SIDI BARÂNI																			
306	MATRUH	340	12	14	01		5	Sc	14.7	+0.8	20	23		17		73	15	0	51	
309	EL DABA																			
	ALEXANDRIA	310	15	50	02	2	4	Cu	13.5	-0.3	20	23	-4	18	-1	73	15	0	63	185
318	FOUAD (Airport)	290	10	18	03	0	4	Sc	13.4		21	24		17		74	16	0	63	138
330	DAMIETTA											23	-4							105
333	PORT SA'ID	240	10	15	02	0	1	Sc	12.8	+0.3	21	26		18		74	16	0	18	
336	EL 'ARISH											24	-3							93
339	DAMANHUR	310	9	15	02	1	3	Cu	14.0	+0.4	21	26	-5	15	-1	74	16	0	35	101
342	MANSURA											27	-5							54
348	TANTA	00	0	35	02	0	0	—	14.6	+1.0	24	28	-5	14	-2	61	16	0	23	43
354	ZAGAZIG											29	-4							27
360	ISMAILIA	270	2	35	03	1	6	Cu	13.6		22	29		16		65	15	0	17	
366	FAROUK (Airport)	320	7	14	03	0	3	Cu	14.1		21	28		15		65	14	0	Rain	
372	ALMAZA	20	5	15	03	2	6	Cu	13.5	+0.5	19	27		15		88	17	0	12	
	EZBEKIYA	00	0	12	02	1	6	Cu	14.0	+1.0	21	28	-5	17	-1	65	14	0	11	26
	GIZA	00	0	12	02	1	6	Cu	13.5	+0.5	20	30	-3	13	-2	73	15	0	11	26
378	HELWAN	340	4	7	00	2	6	Cu	14.2	+1.4	19	28	-5	15	-3	73	14	0	12	29
381	FAIYUM																			8
387	MINYA											32								
393	ASYUT MANQABAD	340	6	12	00	0	0	—	13.5	+1.6	23	31		16		44	10	0	dr.	
399	NAG' HAMMADI											36	-1							
402	QENA	290	3	15	00	0	0	—	11.6	+1.3	26	40	+1	28	-1	37	10	0	2	
405	LUXOR	340	12	30	00	0	0	—	11.2	+1.0	28	39		21		29	8	0	0	
414	ASWAN											42	+2							
417	SIWA	50	3	12	00	0	0	—	17.1	+3.0	20			15	-2	64	13	0	1	8
420	BAHARIYA																			7
423	FARAFRA	360	1	35	02	0	0	—	15.9		21	30		16		50	10	0	dr.	
432	DAKHLA																			
435	KHARGA	360	2	15	00	0	0	—	13.3	+2.5	24			20	-2	32	6	0	0	
450	SUEZ	360	4	50	00	0	2	Cu	12.6	+0.3	21	31	-2	16	-3	65	14	0	5	17
459	TOR	360	24	7	02	0	0	—	10.4	+0.2	25	34	+2	22	+1	61	17	0	4	13
462	HURGHADA											28								
465	QUSEIR											30	-1							4
641	PORT SUDAN	20	6	30	02	1	4	Cu, Ac	6.8		32	34		25		70	26	0	155	97
600	WADI HALFA	360	14	30	02	0	0	—	10.6		28	43		22		29	8	0	dr.	
640	ABU HAMAD	360	16	8	07	1	6	Ac	5.4		34	46		30?		11	-1	0		
660	KAREIMA																			2
680	'ATBARA																			6
721	KHARTUM											43								7
760	KASSALA	200	3	30	03	1	3	Cs	6.9		33	44		27		34	15	0	3	20
751	WAD MEDANI																			22
801	RENK																			79
802	ROSEIRES																			96
771	EL OBEID											39						2?	10?	30
780	EL FASHER	150	6	30	02	2	8	Cs			26	39		25		62	18	0	8	13
770	GENEINA											37								21
840	MALAKAL	180	15	30	03	2	8	Cb, Ac, Cs	11.1		27	36		23		70	21	0	137	174
880	WAU	290	3	30	02	2	8	St	11.3		25	36		24		84	22	0.2	212	328
941	JUBA	180	2	30	01	2	8	Sc, Cs	11.7		25	33		22		79	21	5	330	420

HUMIDITY %

Mean of day

Station	On 22nd	Diff. from normal
Alexandria	69	-2
Ezbekiya	55	+5
Giza	54	+4
Helwan	53	+15

GIZA
GRASS MINIMUM TEMP.
On 23rd 10.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 22 At 9½

Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	159	23	47	260	8
950					
900					
850	1550	14	59	260	26
800					
700	3179	8	95	260	26
600	4434	0	64	250	42
500	5871	-9		270	48
400					
300	9600	-38		280	68

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Height m.	Matruh 14 Dir.	Matruh 14 Vel.	Fouad A.P. 14 Dir.	Fouad A.P. 14 Vel.	Port Said 14 Dir.	Port Said 14 Vel.	Farouk A.P. 14 Dir.	Farouk A.P. 14 Vel.	Arish 14 Dir.	Arish 14 Vel.	Asyut 14 Dir.	Asyut 14 Vel.	Siwa 14 Dir.	Siwa 14 Vel.	Minya 14 Dir.	Minya 14 Vel.	Dakhla 14 Dir.	Dakhla 14 Vel.	Kharga 14 Dir.	Kharga 14 Vel.	Hurghada 14 Dir.	Hurghada 14 Vel.	Dir.	Vel.	Port Said 20 Dir.	Port Said 20 Vel.
300	330	23	300	10	330	19	300	16	330	14	330	20	290	16	220	12	310	36	350	14	350	32			300	10
600	310	19	320	12	310	17	290	14	310	15	330	17	310	24	320	18	310	43	350	19	340	24			300	22
1000	330	22	320	15	300	21	300	19	350	17	330	16	310	23	310	25	330	43	360	21	360	15			300	21
1500			320	12	280	20	300	18	250	20	320	14	320	20	310	11									290	19
2000					170	7	280	11	230	40?			330	24											290	15
3000							260	22	190	14			310	30												
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 23rd

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport 2 Dir.	Fouad Airport 2 Vel.	Port Said 2 Dir.	Port Said 2 Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya 2 Dir.	Minya 2 Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
300					310	11	260	13					360	19										
600					320	16	300	16					260	22										
1000					320	23	300	15					300	25										
1500					330	21	330	11					290	18										
2000					320	23	360	11																
3000					320	22																		
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga 8 Dir.	Kharga 8 Vel.	Wadi Halfa 3 Dir.	Wadi Halfa 3 Vel.	Abu Hamad 4 Dir.	Abu Hamad 4 Vel.	Kareima Dir.	Kareima Vel.	Khartum 4 Dir.	Khartum 4 Vel.	Kassala 3 Dir.	Kassala 3 Vel.	El Obeid 4 Dir.	El Obeid 4 Vel.	El Fasher 4 Dir.	El Fasher 4 Vel.	Malakal Dir.	Malakal Vel.
300							360	14	10	14														
600							360	17	30	24	20	23			240	23	200	29						
1000							10	17	20	27	50	17			250	34			240	23	160	11		
1500							20	15	330	17	40	19			250	6			230	16	200	9		
2000															90	11	240	11						
3000									250	15					60	6			30	17	60	14		
4000															40	3								
5000									220	13														
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

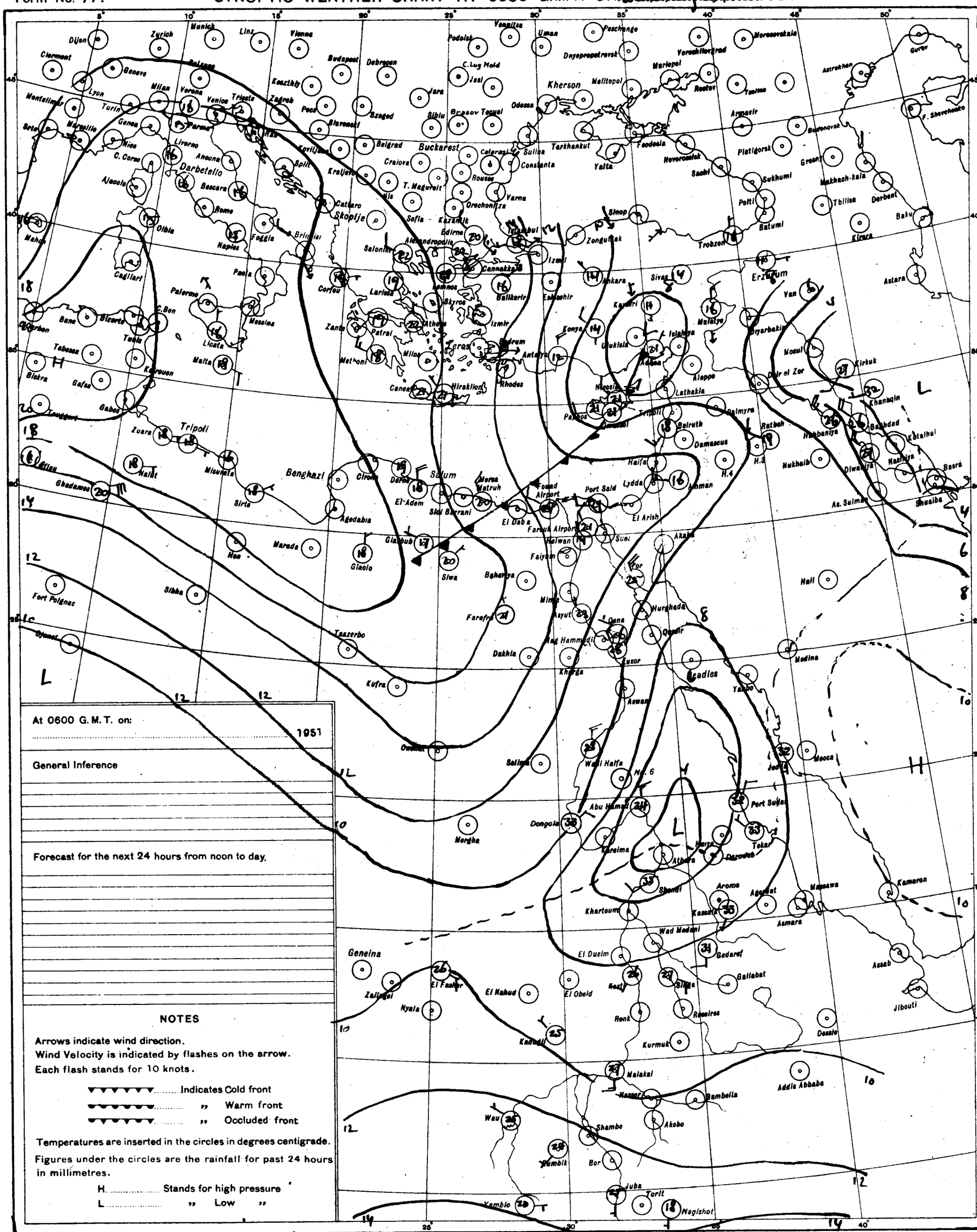
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 23/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ..... Indicates Cold front
▼▼▼▼▼▼ ..... " Warm front
▼▼▼▼▼▼ ..... " Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H ..... Stands for high pressure
L ..... " Low "

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
" or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
" " hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
" " hail	87	
Rain / Hail Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
" " hail	96	
" " Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th " " "	2
3/8 " " " "	3
4/8 " " " "	4
5/8 " " " "	5
6/8 " " " "	6
7/8 " " " "	7
Sky completely covered	8
" obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 57 G.M.T.
" " Sunset 16 46 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Thursday 24th May, 1951

At 1200 on Wednesday 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	13	35	00	0	0	–	16.8	23	65	16
	303	SIDI BARANI	320	11	15	01	1	2	–	16.0	22	69	16
	306	MATRUH	360	13	15	00	0	0	–	15.7	22	65	15
	308	EL DABA	320	9	35	00	0	0	–	14.8	23	61	15
		ALEXANDRIA	310	20	50	01	2	2	Cu	14.2	22	65	15
	318	FOUAD (Airport)	320	15	18	02	1	4	Sc	14.1	24	65	17
	330	DAMIETTA	320	5	35	00	0	0	–	13.4	23	74	18
	335	PORT SA'ID	240	16	30	02	0	1	Cu	12.9	22	74	17
	336	EL 'ARISH	290	10	30	01	2	3	Ac	12.5	23	69	17
Nile Valley	339	DAMANHUR	310	9	15	02	1	1	Cu	14.2	25	61	17
	342	MANSURA	320	5	35	00	0	0	–	14.0	28	52	17
	345	TANTA	270	5	35	02	0	0	–	13.0	27	42	13
	354	ZAGAZIG	320	2	50	02	0	0	–	12.4	29	52	18
	440	ISMA'ILIA	360	2	35	03	1	6	Cu	12.4	28	40	13
	365	FAROUK (Airport)	340	14	30	01	2	1	Cu	13.3	28	42	14
	372	ALMAZA	320	11	15	00	0	0	–	12.8	27	52	16
		EZBEKIYA	360	4	18	00	0	0	–	12.6	28	35	11
		GIZA	360	4	18	00	0	0	–	13.0	29	35	12
	378	HELWAN	290	18	15	01	1	0	–	12.6	27	33	9
Upper Egypt	381	FAIYUM	360	6	35	01	0	0	–	12.9	28	33	10
	387	MINYA	340	13	10	00	0	0	–	12.6	29	35	12
	393	ASYUT MANQABAD	340	12	30	00	0	0	–	11.6	29	29	9
	399	NAG' HAMMADI	320	3	35	00	0	0	–	10.4	31	28	10
	402	QENA	320	2	7	00	0	0	–	8.6	36	13	4
	405	LUXOR	320	8	30	00	0	0	–	8.3	34	16	5
	414	ASWAN	360	7	50	00	0	0	–	8.3	34	18	6
Oases	417	SIWA	280	9	14	00	0	0	–	16.8	28	52	17
	420	BAHARIYA											
	423	FARAFRA	360	1	35	02	0	0	–	14.4	28	22	4
	432	DAKHLA	340	11	50	00	0	0	–	12.4	30	31	11
	435	KHARGA	360	4	15	00	0	0	–	11.0	31	22	7
Red Sea	450	SUEZ	360	5	50	03	0	3	Cu	11.5	27	37	11
	459	TOR	340	19	35	02	0	0	–	9.3	27	42	13
	462	HURGHADA	360	16	30	00	0	0	–	7.9	26	62	18
	465	QUSEIR	360	13	15	02	0	0	–	8.3	28	58	19
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	340	15	30	02	0	0	–	7.7	36	22	11
	640	ABU HAMAD	20	5	30	02	0	0	–	2.0	44	10	5
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTUM	180	4	30	03	2	5	Cu, Cs	1.9	42	18	13
	730	KASSALA	230	6	30	02	2	6	Cu, Ci	2.1	40	23	15
Central Sudan	751	WAD MEDANI											
	801	RENK	180	9	35	61?	1	4	As	10.0	30	59	21
	802	ROSEIRES											
	771	EL OBEID	240	13	30	03	2	8	Cu, Ac	7.0	33	36	16
	760	EL FASHER											
	770	GENEINA											
S. Sudan	840	MALAKAL											
	860	WAU											
	941	JUBA											

At 1800 on Wednesday 23rd

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
62300	SALUM	320	5	15	00	0	0	–	17.0	18	94	17	0
303	SIDI BARANI												
306	MATRUH	340	8	12	00	0	0	–	15.8	18	88	16	0
308	EL DABA												
	ALEXANDRIA	310	16	35	02	2	4	Cu	14.6	20	73	15	0
318	FOUAD (Airport)	320	8	12	02	0	1	Sc	14.3	20	83	17	0
330	DAMIETTA	320	5	7	03	2	5	Cu	14.0	21	83	18	0
335	PORT SA'ID	320	10	15	02	0	2	Cu	13.5	21	74	16	0
336	EL 'ARISH	320	8	12	02	0	3	Cu	13.4	21	74	16	0
339	DAMANHUR	360	5	15	02	0	0	–	14.4	19	83	16	0
342	MANSURA	320	5	15	00	0	0	–	13.8	22	65	15	0
345	TANTA	360	2	35	02	0	0	–	13.4	20	73	15	0
354	ZAGAZIG	00	0	35	02	0	0	–	13.6	23	74	18	0
440	ISMA'ILIA	360	5	35	01	0	0	–	14.0	22	65	15	0
365	FAROUK (Airport)	340	14	12	00	0	0	–	14.1	23	65	16	0
372	ALMAZA	20	10	12	00	0	0	–	13.6	24	61	16	0
	EZBEKIYA	350	4	12	02	3	0	–	13.8	23	57	14	0
	GIZA	350	4	12	00	0	0	–	14.0	23	50	12	0
378	HELWAN	340	13	15	01	0	0	–	13.1	24	38	9	0
381	FAIYUM	360	2	35	02	0	0	–	13.8	25	34	8	0
387	MINYA	350	4	8	00	0	0	–	12.3	24	38	9	0
393	ASYUT MANQABAD	330	7	10	00	0	0	–	12.1	26	32	8	0
399	NAG' HAMMADI	220	3	35	00	0	0	–	10.2	26	37	10	0
402	QENA	290	3	7	00	0	0	–	9.3	30	21	5	0
405	LUXOR												
414	ASWAN	320	5	15	00	0	0	–	8.7	31	22	7	0
417	SIWA	40	3	10	00	0	0	–	14.8				0
420	BAHARIYA												
423	FARAFRA	360	1	15	02	0	0	–	13.5	26	25	4	0
432	DAKHLA	00	0	35	00	0	0	–	12.8	28	33	10	0
435	KHARGA												
450	SUEZ	360	6	35	01	0	0	–	12.7	23	61	15	0
459	TOR	340	13	35	02	0	0	–		24	47	12	0
462	HURGHADA	330	16	14	00	0	0	–	7.4	26	55	16	0
465	QUSEIR	360	9	15	02	0	0	–		26	62	18	0
641	PORT SUDAN												
600	WADI HALFA	330	15	30	02	0	0	–	8.3	31	16	2	0
640	ABU HAMAD	360	8	30	02	0	0	–	8.3	31	16	2	0
660	KAREIMA	340	18	4?	07	0	0	–	4.4	36	15	6	0
680	'ATBARA												
721	KHARTUM	210	29	15	07	0	2	Cu, Cs	3.4	34	41	19	0
730	KASSALA												
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID	220	21	10	02	2	7	Ac	9.0	26	66	19	0
760	EL FASHER	140	8	30	02	2	7	Cs		31	38	15	0
770	GENEINA	230	4	30	01	2	2	Ac		31	38	15	0
840	MALAKAL												
860	WAU												
941	JUBA	290	9	30	13	2	8	Cb, Ac	11.0	23	89	21	0

At 0600 on Thursday 24th May,

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
62300	SALUM	340	5	15	00	0	0	–	17.5	+4.5	23	25	–3	15	–3	50	12		91	
303	SIDI BARANI																			
306	MATRUH	340	12	18	03	2	6	Cu	17.0	+3.2	20	23		16		83	17	0	51	
308	EL DABA																			
	ALEXANDRIA	360	8	50	02	2	5	Cu	15.6	+1.8	22	23	–4	18	–1	65	15	0	63	185
318	FOUAD (Airport)	350	7	18	02	2	6	Sc	15.7		22	25		18		57	13	0	63	138
330	DAMIETTA	250	2	15	00	0	0	–	15.2	+2.2	22	24	–3	16	–2	74	17	0	Rain	105
335	PORT SA'ID	340	5	18	03	0	3	Sc	15.1	+2.6	22	25		19		74	17	0	18	
336	EL 'ARISH	120	2	30	01	2	2	Cu	14.5	+1.4	24	25	–3	16	0	61	18	0	Rain	93
339	DAMANHUR	40	5	15	02	1	2	Cu	15.6	+2.1	22	26	–5	15	–1	74	17	0	35	101
342	MANSURA	40	5	35	02	1	1	Cu	14.8	+1.6	22	28	–4	15	–2	74	17	0	31	54
345	TANTA	90	2	35	03	2	5	Cu	14.7	+1.1	22	30	–3	14	–2	74	17	0	23	43
354	ZAGAZIG	00	0	35	03	1	3	Cu	13.9	+0.6	22	32	–1	18	+2	74	17	0	Rain	27
440	ISMA'ILIA	360	2	35	03	1	6	Cu	13.9		23	29		18		85	16	0	17	
365	FAROUK (Airport)	340	3	12	01	2	1	Cu	15.6		20	30		16		83	17	0	Rain	
372	ALMAZA	30	5	12	00	0	0	–	14.9	+2.0	21	28		16		74	16	0	12	
	EZBEKIYA	00	0	12	00	0	0	–	15.1	+2.2	22	29	–4	18	0	69	16	0	11	26
	GIZA	00	0	12	00	0	0	–	14.6	+1.7	22	30	–3	16	+1	65	15	0	11	26
378	HELWAN	340	8	15	01	0	0	–	15.0	+2.3	20	28	–5	17	–1	73	15	0	12	29
381	FAIYUM	360	8	35	03	1	4	Sc	15.3	+2.6	23	30	–5	17	–1	61	15	0	8	8
387	MINYA	360	16	10	00	0	0	–	14.3	+2.3	21	30		14		69	15	0	3	
393	ASYUT MANQABAD	340	6	10	00	0	0	–	14.0	+2.1	21	31		17		65	14	0	dr.	
399	NAG' HAMMADI											32	–5							
402	QENA	320	2	15	00	0	0	–	11.6	+1.3	26	37	–2	20	–1	37	10	0	2	
405	LUXOR	320	5	30	00	0	0	–	11.0	+0.9	28			19		33	10	0	0	
414	ASWAN	360	8	50	01	1	4	Cu	11.6	+1.3	27	36	–4	19	–5	27	6	0	0	
417	SIWA	80	4	12	00	0	0	–	18.2	+4.1	22	32	–3	16	–1	53	12	0	1	8
420	BAHARIYA																			7
423	FARAFRA	360	1	35	02	0	0	–	16.4		21			20		50	10	0	dr.	
432	DAKHLA	360	8	50	00	0	0	–	17.6	+5.7	23	32	–6	19	–1	50	12	0	0	
435	KHARGA																			
450	SUEZ	360	5	50	01	0	1	Cu	13.9	+1.6	20	29	–4	17	–2	73	15	0	5	17
459	TOR	310	5		02	0	0	–	12.1	+1.9	24	29	–3	22	+1	61	16	0	4	13
462	HURGHADA											28								
465	QUSEIR	360	13	15	02	0	0	–	10.6	+0.5	26			24	0	55	16	0	dr.	4
641	PORT SUDAN	20	3	7	05	0	0	–	9.2		31			27		70	25	0	155	97
600	WADI HALFA	360	17	30	02	0	1	Cs	10.9		27	37		21		42	13	0	dr.	
640	ABU HAMAD	300	4	30	02	0	0	–	9.6		31	45		28		19	5	0		
660	KAREIMA	330	2	10	06	0	0	–	15.8		30	45		25		24	7	0	dr.	2
680	'ATBARA																			6
721	KHARTUM	190	11	50	01	2	4	Cs	10.3		29	43		26		46	16	0	7	7
730	KASSALA	180	7	30	03	1	6	Ac	11.4		27	42		22		62	19	8	11	21
751	WAD MEDANI																			22
801	RENK																			80
802	ROSEIRES																			98
771	EL OBEID	300	9	30	02	2	7	Ac	10.5		27	34		23		55	17	0	10	31
760	EL FASHER											35								13
770	GENEINA	200	4	30	01	0	1	Ac			25	34		22		65	18	0		22
840	MALAKAL	110	10	30	03	2	7	Sc, Ac	12.4		23	28		21		94	22	7	144	177
860	WAU																			333
941	JUBA	310	5	30	03	2	8	St, Ac	13.0		24	34		22		89	22	0	330	425

HUMIDITY %

Mean of day

STATION	on 23rd	Diff. from normal
Alexandria	72	+1
Ezbekiya	58	+8
Giza	58	+8
Helwan	53	+15

GIZA
GRASS MINIMUM TEMP ON 24th 13.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan AIRPORT — On 23rd At 8

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	174	23	47	300	13
950					
900					
850	1540	15	63	340	13
800					
700	3196	8	34	310	18
600	4451	3	52	300	26
500	5902	-7		290	47
400					
300	7658	-36		270	73?

AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 23rd

Height m.	Matruh Dir.	Matruh Vel.	Foud A.P. Dir.	Foud A.P. Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Minya Dir.	Minya Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		?		14 30		14		14		14				14		14 15		20		20	
300	320	17	320	23	320	13	320	11	330	16	350	23	340	14	350	8			360	15	320		360	38	320	8
600	350	16	320	27	310	16	290	12	330	16	360	35	340	10	330	9			360	18	340	29	350	36	310	6
1000	330	22	320	22	300	23	290	9	320	15	360	25	350	10	340	9					320	17	360	23	300	3
1500	340	26	340	23	300	30	200	6	320	14	360	29	340	15	340	5					300	12			270	3
2000			360	11			280	6	320	18			320	12												
3000							260	10	330	13																
4000							260	21	310	15																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 24th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Foud Airport Dir.	Foud Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time			3		4		2						2											
300			320	20	350	11	360	1					360	32										
600			350	16	360	11	30	3					10	24										
1000							20	5					360	19										
1500							360	8																
2000							350	18																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time											4				4		3		4		4		3	
300																								
600											330	13			170	12	170	6					130	9
1000											330	11			180	18	200	11	290	16	200	19	190	4
1500											340	13			200	11	250	6	300	15	210	11	210	7
2000															100	5			300	11	190	2		
3000											320	11			350	10	130	3	80	9	70	9	90	3
4000															30	4								
5000															90	5								
6000															310	3								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

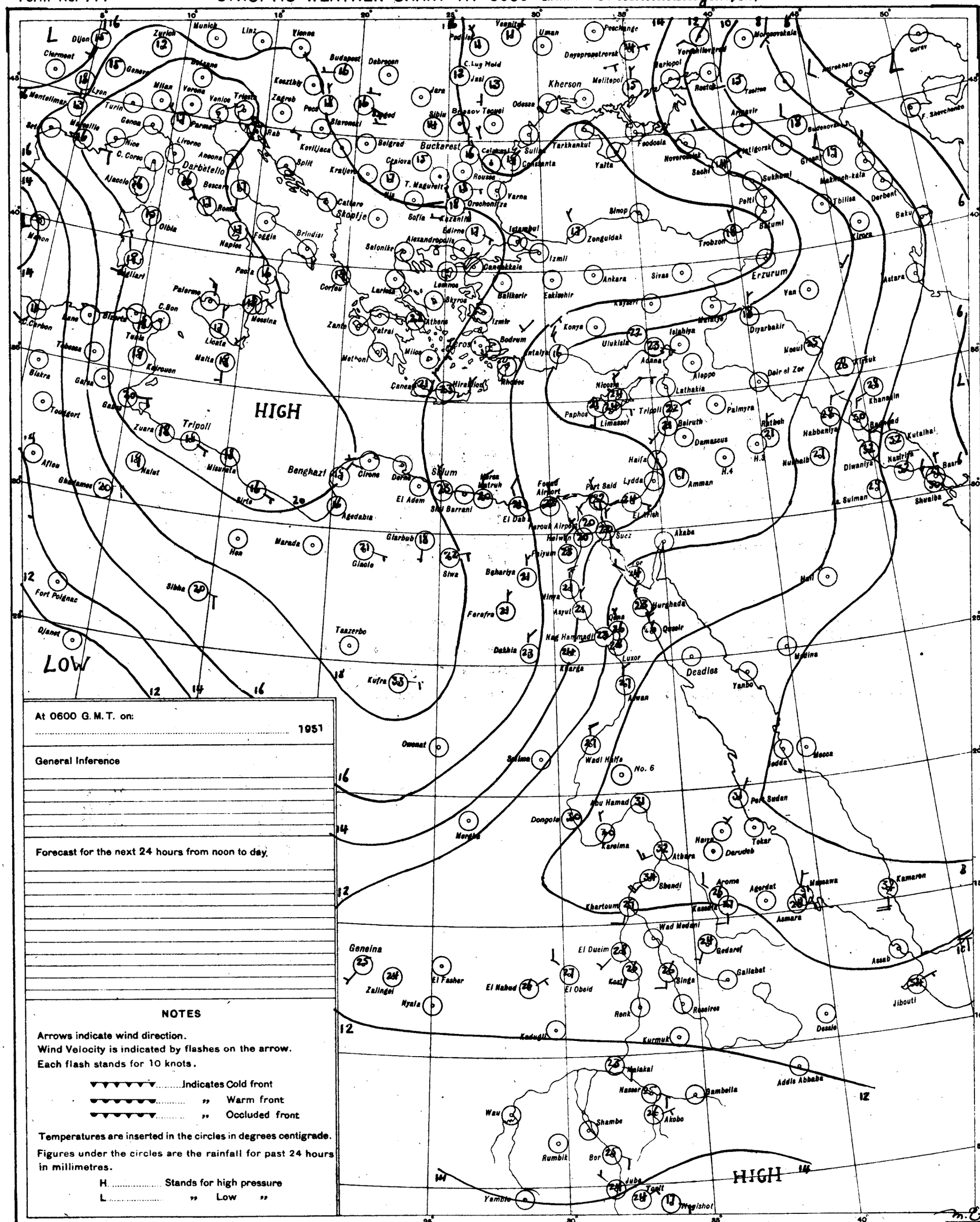
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 24/5/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 57 G. M. T.
" " Sunset 16 47 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 25th May 1951

At 1200 on Thursday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALÛM	340	13	50	00	0	0	—	16.8	23	65	16
	303	SÎDI BARÂNI	310	11	18	03	1	4	Sc	16.7	21	74	16
	306	MATRÛH	10	9	18	00	0	0	—	15.8	22	69	16
	309	EL DAB'A											
		ALEXANDRIA	360	15	50	01	2	3	Ac	15.2	22	74	17
	318	FOUAD (Airport)	320	16	18	01	2	0	—	15.1	23	78	19
	330	DAMIETTA	20	2	35	02	0	0	—	15.0	25	61	17
	333	PORT SA'ÎD	350	7	30	02	0	0	—	14.7	24	69	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	1	1	Cu	15.1	29	46	16
	342	MANSURA	360	5	35	02	1	3	Cu,Ci	15.6	31	43	17
	348	TANTA	00	0	35	01	1	1	Cu	15.5	30	35	13
	354	ZAGAZIG	320	2	50	03	1	3	As	13.6	30	46	17
	440	ISMA'ILIA	20	5	35	02	1	3	Ac	13.5	30	35	13
Cairo Area	366	FAROUK (Airport)	320	7	30	03	1	1	Cu	14.3	29	35	12
	372	ALMÂZA	50	13	15	02	0	0	—	13.0	29	29	9
		EZBEKÎYA	00	0	18	00	0	0	—	13.4	30	35	13
		GÎZA	00	0	18	00	0	0	—	13.6	30	35	13
	378	HELWÂN	00	0	35	02	0	0	—	12.7	29	29	9
Upper Egypt	381	FAIYÛM	360	8	35	01	0	0	—	14.3	30	31	11
	387	MINYA	10	17	12	00	0	0	—	12.2	31	31	12
	393	ASYÛT MANQABÂD	330	12	30	00	0	0	—	11.2	31	28	10
	399	NAG' HAMMÂDI	290	3	35	00	0	0	—	10.6	32	28	11
	402	QENA	270	2	50	00	0	0	—	9.3	37	14	6
	405	LUXOR	290	6	30	00	0	0	—	8.9	35	16	6
	414	ASWÂN	340	6		01	1	3	Ci	7.9	35	19	8
Oases	417	SÎWA	40	7	14	00	0	0	—	17.2	32	20	6
	420	BAHARÎYA	360	3	35	02	0	0	—	13.8	30	35	13
	423	FARAFRA	360	1	35	02	0	0	—	15.2	30	21	5
	432	DAKHLA	340	11	50	00	0	0	—	12.0	31	31	12
	435	KHARGA	360	4	15	00	0	0	—	11.0	32	24	9
Red Sea	450	SUEZ	360	5	50	01	0	0	—	11.8	29	29	9
	459	TÔR											
	462	HURGHADA	30	9	30	00	0	0	—	9.0	26	66	19
	465	QUSEIR	20	13	15	02	0	0	—	9.1	27	79	23
	641	PORT SÛDÂN	50	10	7	05	0	1	Cu	7.4	33	66	26
North Sûdân	600	WÂDI HALFA	310	14	30	02	0	0	—	7.7	35	13	3
	640	ABU HAMAD	170	20	30	02	0	0	—	5.1	39	17	10
	660	KAREIMA											
	680	'ATBARA	220	8	30	03	0	2	Cu	3.8	41	15	9
	721	KHARTÛM	220	12	30	01	1	1	Ci	5.5	37	24	13
	730	KASSALA	230	6	30	01	2	6	Ac	6.6	35	32	16
Central Sûdân	751	WÂD MEDANI	230	12	35	02	2	8	Ac	5.1	38	22	13
	801	RENK	180	5	35	02	1	3	Cu	7.1	36	31	16
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER	00	0	30		0	3	Ac		36	22	11
	770	GENEINA	00	0	30	03	1	3	Cu, Ci		35	23	11
S. Sûdân	840	MALAKÂL	340	3	30	03	2	7	Cu,Ac,Ci	8.6	32	46	19
	880	WÂU	210	2	30	01	1	3	Cu, Ac	7.9	33	70	27
	941	JUBA	50	2	30	15	2	8	Ac, Cs	8.2	31	66	24

At 1800 on Thursday 24th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALÛM	270	2	15	00	0	0	—	16.6	19	88	17	0
SÎDI BARÂNI	330	8	14	01	1	0	—	16.5	19	83	16	0
MATRÛH	330	5	12	00	0	0	—	16.3	19	94	18	0
EL DAB'A	340	9	15	00	0	0	—	15.9	20	83	17	0
ALEXANDRIA	330	14	35	03	2	4	Cu	15.2	21	83	18	0
FOUAD (Airport)	320	6	12	03	0	3	Sc	14.3	20	94	19	0
DAMIETTA	320	5	7	02	0	0	—	14.7	22	74	17	0
PORT SA'ÎD	360	12	15	02	0	0	—	13.7	22	83	19	0
EL 'ARISH	360	8	14	00	0	0	—	13.5	21	83	18	0
DAMANHUR	40	5	15	02	0	0	—	14.3	21	83	18	0
MANSURA	360	5	15	00	1	0	—	12.7	23	65	16	0
TANTA	00	0	35	02	1	0	—		22	65	15	0
ZAGAZIG	320	2	35	02	1	0	—	13.1	24	69	18	0
ISMA'ILIA												
FAROUK (Airport)	70	15	12	00	0	0	—	14.4	27	37	11	0
ALMÂZA	60	13	12	03	1	2	As	12.3	28	29	8	0
EZBEKÎYA	360	6	12	00	0	0	—	13.4	26	40	11	0
GÎZA	360	6	12	00	0	0	—	13.4	27	37	11	0
HELWÂN	20	13	15	02	0	0	—	12.2	27	33	9	0
FAIYÛM	00	0	35	02	0	0	—	12.6	28	33	10	0
MINYA	350	7	10	00	0	0	—	11.4	24	50	13	0
ASYÛT MANQABÂD	310	6	10	00	0	0	—	10.4	26	40	11	0
NAG' HAMMÂDI	290	2	15	00	0	0	—	8.8	28	33	10	0
QENA	220	3	7	00	0	0	—	8.7	29	29	9	0
LUXOR	290	4	12	00	0	0	—	8.0	28	25	6	0
ASWÂN	320	5	15	00	0	0	—	8.3	31	22	7	0
SÎWA	40	11	10	00	0	0	—	15.2	29	27	8	0
BAHARÎYA	360	6	15	02	0	0	—	13.8	26	42	12	0
FARAFRA	360	1	15	02	0	0	—	13.9	29	37	13	0
DAKHLA	20	8	50	00	0	0	—	12.7	28	33	10	0
KHARGA	360	1	15	00	0	0	—	12.3	28	22	4	0
SUEZ	360	5	35	02	0	0	—	12.4	24	47	12	0
TÔR												
HURGHADA												
QUSEIR	00	0	15	02	0	0	—	9.3	26	62	18	0
PORT SÛDÂN	00	0	7	05	2	3	Cu,Ac	7.8	30	79	26	0
WÂDI HALFA												
ABU HAMAD	360	9	30	02	0	0	—	5.4	35	16	6	0
KAREIMA	330	11	30	13	0	1	cb	6.6	33	19	6	0
'ATBARA	180	5	30	13	9	2	Sc	6.1	27	55	19	0
KHARTÛM	140	7	30	13	1	1	cb	5.1	35	23	11	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	1	Ac	6.1	32	18	5	0
EL FÂSHER	80	3	30	02	2	7	Cu,Ac		32	28	11	0
GENEINA	120	16	10	60	6	8	cb		26	55	16	4
MALAKÂL												
WÂU												
JUBA	360	2	30	13	2	7	Cb, Cs	8.3	28	70	22	0

At 0600 on Friday 25th May

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew point °C.	Rainfall Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
110	5	15	00	0	0	—	16.8	+3.8	20	25	-3	15	-3	73	15	0	91		SALUM
300	13	14	02	1	4	Sc	16.4		19	22		17		73	14	0	108		SÎDI BARÂNI
340	8	12	01	1	2	Sc	16.5	+2.7	20	23		15		78	16	0	51		MATRÛH
320	10	15	00	0	0	—	16.2		21	24		16		83	18	0	54		EL DAB'A
310	10	50	01	2	2	Cu	16.5	+2.7	21	25	-2	19	0	83	18	0	63	185	ALEXANDRIA
340	5	18	01	2	1	Sc	15.5		22	25		18		78	18	0	63	138	FOUAD (Airport)
20	2	15	02	0	0	—	15.1	+2.2	23	25	-2	17	-1	74	18	0	Rain	105	DAMIETTA
40	4	14	02	0	0	—	15.0	+2.5	24	26		20		69	18	0	18		PORT SA'ÎD
180	2	18	00	1	0	—	13.9	+0.8	23	24	-4	15	-1	74	18	0	Rain	93	EL 'ARISH
40	5	15	02	0	0	—	15.9	+2.4	23	30	-1	17	+1	65	16	0	35	101	DAMANHÛR
360	5	35	00	0	0	—	14.0	+0.9	23	33	+1	16	-1	84	20	0	31	54	MANSÛRA
00	0	35	02	0	0	—	14.9	+1.4	22	31	-2			74	17	0	23	43	TANTA
00	0	15	02	0	0	—	15.1	+1.8	24			16	0	69	18	0	Rain	27	ZAGAZIG
360	2	35	01	0	0	—	14.8		23			18		65	16	0	17		ISMAÎLIA
200	7	10	00	0	0	—	15.3		20	30		17		78	16	0	Rain		FAROUK (Airport)
40	2	12	00	0	0	—	14.6	+1.7	21	30		16		74	16	0	12		ALMÂZA
360	8	12	00	0	0	—	15.1	+2.2	23	31	-3	17	-1	69	17	0	11	26	EZBEKÎYA
360	8	12	00	0	0	—	14.6	+1.7	22	31	-2	17	+2	74	17	0	11	26	GÎZA
360	8	15	00	0	0	—	14.3	+1.6	24	30	-3	17	-1	47	12	0	12	29	HELWÂN
360	2	35	02	0	0	—	15.4	+2.7	22	33	-2	18	0	74	17	0	8	8	FAIYÛM
20	17	10	00	0	0	—	13.5	+1.5	22	32		17		69	16	0	3		MINYA
										32									ASYÛT MANQABÂD
290	2	15	00	0	0	—	11.0	+0.7	25	33	-4	18	-1	47	13	0	0.1		NAG' HAMMÂDI
240	2	15	00	0	0	—	10.2	0.0	25	38	-1	20	-1	42	11	0	2		QENA
320	3	30	00	0	0	—	10.1	+0.1	28	36		20		33	10	0	0		LUXOR
00	0	50	00	0	0	—	10.3	0.0	26	36	-4	21	-3	48	14	0	0		ASWÂN
00	0	12	00	0	0	—	17.5	+3.4	24	33	-2	17	0	54	14	0	1	8	SÎWA
360	3	35	02	0	0	—	15.1	+1.9	22	32	-3	16	-2	65	15	0	dr.	7	BAHARÎYA
360	1	35	02	0	0	—	15.1		21	31		16		57	12	0	dr.		FARAFRA
360	4	50	00	0	0	—	15.0	+3.2	24	32	-6	20	-1	61	16	0	0		DAKHLA
360	6	7	00	0	0	—	12.2	+1.5	25	33	-6	22	0	34	8	0	0		KHARGA
360	5	50	00	0	0	—	13.4	+1.1	24	31	-2	18	-1	47	12	0	5	17	SUEZ
																		13	TÔR
350	16	30	01	1	0	—	9.0	-1.3	24			22		61	16	0	8		HURGHADA
360	9	15	02	0	0	—	9.0	-1.8	27	28	-4	23	-1	55	17	0	dr.	4	QUSEIR
340	8	10	05	2	5	Cu,Ac	8.3		31	33		29		70	25	0	155	97	PORT SÛDÂN
340		30	02	0	0	—	11.1		25	36		19		24	3	0	dr.		WÂDI HALFA
340	6	30	02	0	0	—	8.2		30	40		24		18	3	0			ABU HAMAD
350	4	30	02	0	0	—	10.1		29	40		23		20	4	0	dr.	2	KAREIMA
300	5	30	01	1	1	Ac	7.5		31	42		21		33	13	dr.	0.3	6	'ATBARA
360	8	30	02	1	3	Ac,Ci	7.7		31	38		23		17	3		7	7	KHARTÛM
360	3	30	01	0	1	Ac	7.9		29	35		23		47	17	dr.	11	21	KASSALA
50	9	35	02	0	0	—	6.4		32	39		24		34	14	0	51	23	WÂD MEDANI
230	5	35	02	0	1	Ac	9.0		30	37		24		55	20	0		81	RENK
270	9	35	02	0	0	—	8.9		31	38		22		49	19	0	2	100	ROSEIRES
20	9	30	01	1	1	Ac	8.6		29	38		24		17	1	0	10	31	EL OBEID
70	6	30	02	0	2	Ac	9.2		29	37		24		19	3	0	8	13	EL FÂSHER
										36								23	GENEINA
150	3	30	02	2	2	Ac,Ci	8.6		29	35		24		59	20	0	144	180	MALAKÂL
270	1	30	02	2	7	Ac,Cs	9.3		27	34		23		70	21	0	212?	338	WÂU
180	5	30	02	2	7	Cb,Ac	10.2		27	32		24		74	22	0	330	430	JUBA

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	76	+5
Ezbekiya	50	-1
Giza	48	-2
Helwân	47	+9

GÎZA
GRASS MINIMUM TEMP.
ON 25th 14.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan AIRPORT — On 24th At 9h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	176	26	37	330	10
950					
900					
850	1530	20	41	40	11
800					
700	3203	9	32	50	9
600	4461	0	28	350	9
500					
400					
300	9982			330	10

...... AIRPORT — On ...... At ......

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 24th

Station	Matruh		Fuad AP.		Port Said		Farouk		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		El Arish				Port Said	
Time	14		14		14		14		14		14		14		14		14		14		14				20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	13	340	13	20	9	20	10	350	22	330	17	30	17	330	27	360	15	20	10	340	14			30	15
600	280	14	360	11	30	7	20	12	350	26	340	15	30	22	330	34	350	17	10	10	10	14			20	9
1000	290	16	10	12	40	9	40	14	360	20	350	15	20	23	330	36	350	17	360	14	360	14			30	14
1500			360	11	40	14	30	13	360	30	360	12	20		330	25			310	13	10	16			50	15
2000					10	11	10	11	10	24	30	13	350	20					290	23	10	10				
3000					20	3	10	9					10	23					240	28	310	8				
4000													30	34					340	7	320	5				
5000													20	16					240	30						
6000																			240	20						
7000																										
8000																										

UPPER WIND OBSERVATIONS on 25th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saîd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk	
Time			3				3						2		8						3		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	12			20	9					320	13	340	10					340	22	30	19
600			350	7			20	19					40	15	350	11					330	22	30	24
1000			20	16			30	15					20	7	350	11					140	16	30	16
1500			10	12			40	16					20	15	100	4					30	4	50	25
2000							60	18							60	11					250	3	70	23
3000															40	15					260	11	70	11
4000																					230	12		
5000																					240	4		
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time			8		8				3		4										5		9	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			360	3	360	23			360	13														
600			10	17	360	24			10	22	230	17					330	3					350	5
1000			10	20	350	23			10	21	20	15					170	7			80	15	310	3
1500			10	24	350				350	7	140	6					290	6			100	5	290	5
2000									340	7											90	11	240	2
3000									210	17	210	21					190	10			10	7	60	12
4000																								
5000																								
6000									250	27														
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

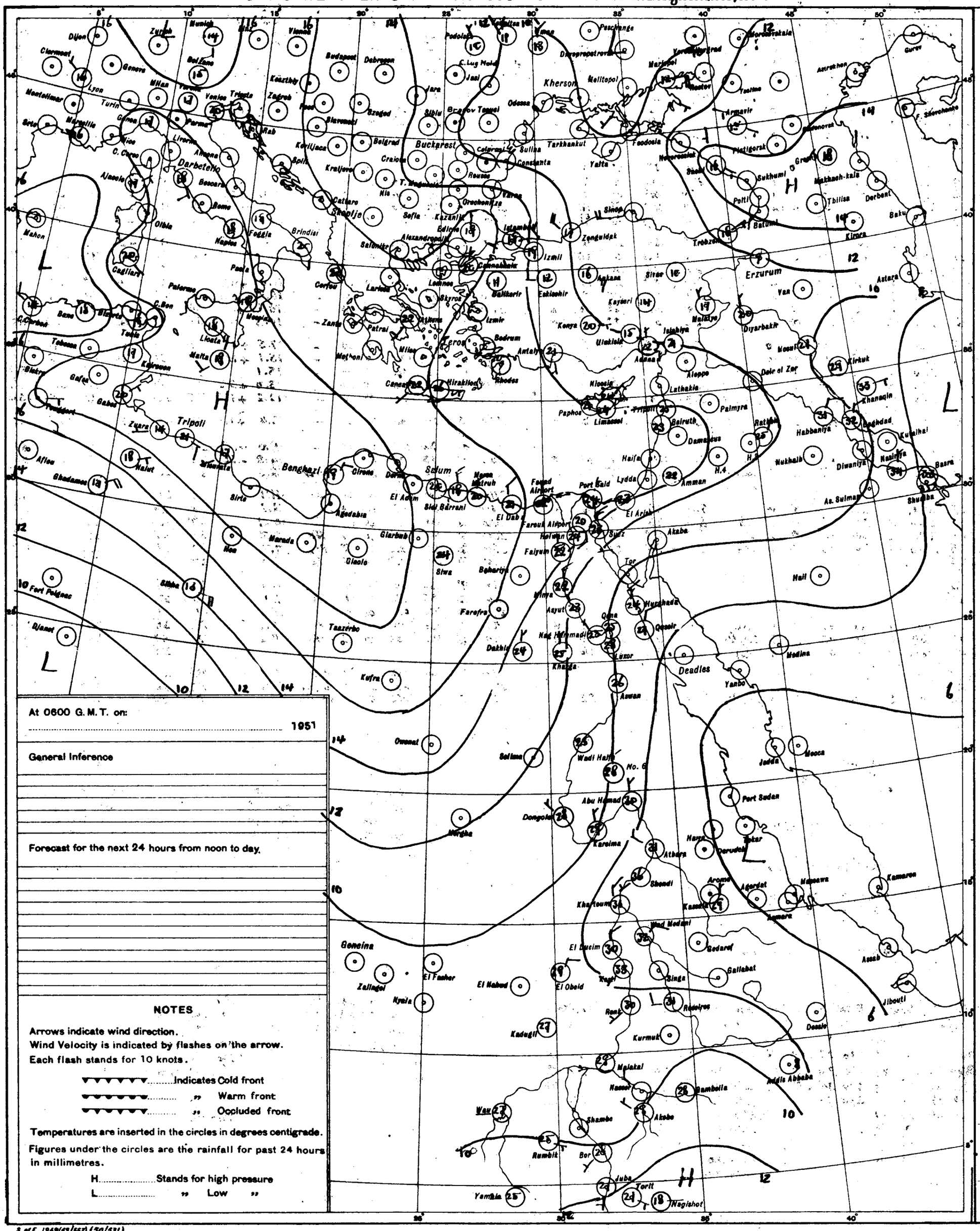
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 25/5/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.

Wind Velocity is indicated by flashes on the arrow.

Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front

▼▼▼▼▼▼..... ,, Warm front

▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure

L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	∞
Visibility more than 1000 metres: Dust in the air	06	S
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	(S)
Visibility more than 1000 metres: Mist	10	=
Visibility more than 1000 metres: Shallow fog	12	=
Lightning, no thunder heard	13	⚡
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(R)
During past hour and not at time of observation: Squalls	18	▽
During past hour and not at time of observation: Drizzle	20	,]
During past hour and not at time of observation: Rain	21	•]
During past hour and not at time of observation: Showers of rain	25	▽]
During past hour and not at time of observation: ,, ,, hail	27	▽]
During past hour and not at time of observation: Fog	28	≡]
During past hour and not at time of observation: Thunderstorm	29	R]
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	▽
Rain } Thunderstorm during the past hour	91	R]•
Hail } Thunderstorm during the past hour	93	R]▲
Thunderstorm with rain	95	R
,, ,, hail	96	R
,, ,, Sandstorm	98	R

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 56 G. M. T.

" " Sunset 16 47 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 26th May 1951

At 1200 on Friday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM											
	303	SIDI BARĀNI											
	306	MATRŪH	20	9	18	00	0	0	–	16.7	22	69	16
	309	EL DABA	340	11	35	00	0	0	–		23	65	16
		ALEXANDRIA	360	22	50	00	0	0	–	15.6	22	74	17
	318	FOUAD (Airport)	360	14	18	02	0	0	–	15.2	24	69	18
	330	DAMIETTA	340	2	35	02	0	0	–	14.3	25	61	17
	333	PORT SA'ID	360	14	30	02	0	0	–	14.2	24	74	19
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	40	5	15	02	1	1	Cu	14.8	29	46	16
	342	MANSURA	360	5	35	00	0	0	–	13.8	33	34	15
	348	TANTA	00	0	35	02	0	0	–	13.1	31	31	12
	354	ZAGAZIG	320	3	35	02	0	0	–	12.8	33	38	17
	440	ISMA'ILIA	360	5	35	02	0	0	–	12.8	31	28	16
Cairo Area	356	FAROUK (Airport)	20	14	30	00	0	0	–	13.4	32	34	14
	372	ALMAZA	60	10	15	00	0	0	–	12.4	31	24	8
		EZBEKIYA	360	4	18	00	0	0	–	12.7	31	29	11
		GIZA	360	4	18	00	0	0	–	12.8	32	24	9
	378	HELWAN	20	10	35	02	0	0	–	11.9	31	22	7
Upper Egypt	381	FAIYUM	360	8	35	02	0	0	–	12.2	32	34	9
	387	MINYA	360	15	12	00	0	0	–	10.4	33	28	12
	393	ASYUT MANQABAD	360	3	30	00	0	0	–	9.3	34	18	6
	399	NAG' HAMMADI	00	0	35	00	0	0	–	9.5	35	23	11
	402	QENA	240	2	50	00	0	0	–	8.2	37	18	9
	405	LUXOR	320	3	30	00	0	0	–	7.5	37	14	6
	414	ASWAN	00	0	50	00	0	0	–	7.5	38	16	8
Oases	417	SIWA											
	420	BAHARIYA	360	3	35	02	0	0	–	13.1	31	31	12
	423	FARAFRA	200	1	35	02	0	0	–	14.2	30	21	5
	432	DAKHLA	340	8	50	00	0	0	–	12.0	32	34	14
	435	KHARGA	360	4	15	00	0	0	–	10.3	34	18	6
Red Sea	450	SUEZ	360	6	50	02	0	0	–	10.8	31	22	7
	459	TOR	310	19	50	02	0	0	–	8.7	27	62	19
	462	HURGHADA	20	14	30	00	0	0	–	8.1	26	70	20
	465	QUSEIR	360	9	15	02	0	0	–	8.6	28	58	19
	641	PORT SUDAN	70	7	7	05	1	4	Cu	5.8	32	74	27
North Sudan	600	WADI HALFA											
	640	ABU HAMAD	200	3	30	02	0	0	–	4.4	39	18	11
	660	KAREIMA	340	8	50	02	0	0	–	5.4	38	18	10
	680	'ATBARA	230	3	30	03	0	1	Cu	3.8	38	22	13
	721	KHARTUM	270	6	30	01	0	2	Cu, Ac	3.0	39	18	11
	730	KASSALA	20	2	30	02	0	1	Cu	2.3	40	23	15
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	00	0	30	02	0	0	–	4.7	36	11	1
	760	EL FASHER	60	5	35	02	0	1	Ci		36	14	5
	770	GENEINA	50	9	30	01	1	5	Cu, Ac		36	10	0
South Sudan	840	MALAKAL	340	7	30	03	1	8	Cu	3.7	38	29	17
	880	WAU	160	5	30	03	1	4	Cu	5.0	35	39	19
	941	JUBA	50	2	30	15	2	6	Cb, Ac	4.7	35	47	22

At 1800 on Friday 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM												
SIDI BARANI												
MATRUH	360	4	13	02	0	2	Sc	15.5	19	94	18	0
EL DABA	340	5	7	00	0	0	–		20	83	17	0
ALEXANDRIA	360	6	35	00	0	0	–	14.8	20	88	18	0
FOUAD (Airport)	10	9	14	02	0	0	–	14.5	20	88	18	0
DAMIETTA	340	2	7	02	0	0	–	13.8	22	65	15	0
PORT SA'ID	360	15	18	02	0	0	–	13.7	22	89	20	0
EL 'ARISH	360	6	12	00	0	0	–	13.2	21	88	19	0
DAMANHUR	40	5	15	02	0	0	–	15.2	22	65	15	0
MANSURA	40	5	15	00	0	0	–	13.8	23	65	16	0
TANTA	00	0	35	02	0	0	–	14.2	22	74	17	0
ZAGAZIG	320	3	35	02	0	0	–	13.6	22	83	19	0
ISMA'ILIA	20	5	35	02	0	0	–	13.4	24	61	16	0
FAROUK (Airport)	40	17	12	00	0	0	–	13.3	26	55	16	0
ALMAZA	70	18	12	07	0	0	–	12.4	27	37	11	0
EZBEKIYA	360	10	12	00	0	0	–	12.8	26	40	11	0
GIZA	360	10	12	00	0	0	–	13.4	27	33	9	0
HELWAN	20	19	15	02	0	0	–	13.1	27	27	6	0
FAIYUM	360	2	35	02	0	0	–	12.2	28	33	10	0
MINYA	350	9	8	00	0	0	–	10.3	25	42	11	0
ASYUT MANQABAD	320	8	18	00	0	0	–	9.2	27	35	10	0
NAG' HAMMADI	00	0	15	00	0	0	–	8.3	26	48	14	0
QENA	220	2	7	00	0	0	–	8.2	30	31	11	0
LUXOR	320	4	12	00	0	0	–	6.3	30	22	6	0
ASWAN	00	0	15	00	0	0	–	5.9	33	24	10	0
SIWA	00	0	10	00	0	0	–	14.8	28	33	10	0
BAHARIYA	360	4	15	02	0	0	–	12.3	26	42	12	0
FARAFRA	200	1	35	02	0	0	–	14.2	29	17	1	0
DAKHLA	320	13	50	00	0	0	–	10.3	30	13	-1	0
KHARGA	360	1	50	00	0	0	–	12.4	28	22	4	0
SUEZ	310	5	35	02	0	0	–	12.6	24	47	12	0
TOR	310	13	35	02	0	0	–	7.9	25	74	20	0
HURGHADA	330	12	12	00	0	0	–	6.9	26	66	19	0
QUSEIR	20	1	15	02	0	0	–	7.0	26	84	23	0
PORT SUDAN	40	3	10	05	1	3	Cu, Ci	5.5	30	84	27	0
WADI HALFA	320	13	30	02	0	0	–	6.9	31	16	2	0
ABU HAMAD	310	4	30	02	0	0	–	4.2	35	18	7	0
KAREIMA	270	2	30	02	0	0	–	6.1	33	17	5	0
'ATBARA	270	2	30	01	1	0	–	2.9	34	16	5	0
KHARTUM	310	10	30	01	1	1	Cu	3.2	37	18	9	0
KASSALA	360	2	30	13	0	1	Ci	3.3	31	49	19	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	100	2	30	02	0	0	–		31	16	2	0
EL FASHER												
GENEINA												
MALAKAL	250	1	30	13	8	6	Cb, Ac	4.9	29	59	20	dr.
WAU												
JUBA	90	5	30	29	9	7	Cb, Ac, Ci	6.1	28	70	22	dr.

At 0600 on Saturday 26th May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM																			
SIDI BARANI																			
MATRUH	310	10	14	00	0	0	–	15.3	+1.5	21	23		19		74	16	0	51	
EL DABA	00	0	15	00	0	0	–			19	23		16		83	16	0	54	
ALEXANDRIA	40	9	50	00	0	0	–	13.9	+0.2	22	24	-3	19	0	74	17	0	63	185
FOUAD (Airport)	330	6	18	02	0	0	–	13.9		23	24		18		74	18	0	63	138
DAMIETTA	20	2	15	02	0	0	–	13.0	+0.1	23	26	-1	18		74	18	0	Rain	105
PORT SA'ID	360	7	18	02	0	0	–	13.4	+1.0	24	25		22		69	18	0	18	
EL 'ARISH											25	-3							93
DAMANHUR	130	5	7	02	0	0	–	14.7	+1.2	24	30	-1	17	0	69	18	0	35	101
MANSURA	360	5	35	00	0	0	–	13.3	+0.2	23	33	+1	17	0	74	18	0	31	54
TANTA	40	2	35	02	0	0	–			22	32	-1	14	-2	74	17	0	23	43
ZAGAZIG																			37
ISMA'ILIA	110	2	35	01	1	3	Ac	13.6		22	31		17		83	19	0	17	
FAROUK (Airport)	70	5	10	01	0	1	Cu	14.3		21	32		17		78	17	0	Rain	
ALMAZA	50	5	12	01	0	1	Cu	13.2	+0.3	21	32		16		83	18	0	12	
EZBEKIYA	310	6	12	02	1	4	Cu	13.5	+0.6	22	32	-2	17	-1	74	17	0	11	26
GIZA	310	6	12	02	1	4	Cu	13.4	+0.6	20	33	0	16	0	83	17	0	11	26
HELWAN	360	13	15	00	0	0	–	13.0	+0.3	24	32	-1	18	-1	47	12	0	12	27
FAIYUM	360	5	35	02	0	0	–	13.4	+0.7	24	33	-2	17	-1	61	16	0	8	8
MINYA	10	13	10	00	0	0	–	11.7	-0.2	22	34		17		65	15	0	3	
ASYUT MANQABAD	330	4	12	00	0	0	–				35		18			12	0	dr.	
NAG' HAMMADI											37	0							
QENA	270	2	15	00	0	0	–	9.4	-0.8	26	38	-1	22	0	42	12	0	2	
LUXOR	10	2	30	00	0	0	–	8.3	-1.7	30	39		19		25	8	0	0	
ASWAN	360	4	50	00	0	0	–	7.4	-2.8	28	39	-1	24	-1	22	4	0	0	
SIWA	00	0	12	00	0	0	–	16.0	+1.9	24	32	-3	16	-1	38	9	0	1	8
BAHARIYA	360	4	35	02	0	0	–	14.2	+1.0	23	32	-3	18	0	61	15	0	dr.	7
FARAFRA	200	1	35	02	0	0	–	13.6		24	31		23		32	6	0	dr.	
DAKHLA	360	13	35	02	0	0	–	12.4	+0.6	27	33	-6	22	+1	27	6	0	0	
KHARGA	40	4	7	00	0	0	–	9.8	-0.9	27	34	-5	24	+2	33	9	0	0	
SUEZ	360	6	50	00	0	0	–	11.6	-0.6	23	32	-1	18	-2	50	12	0	5	17
TOR	310	19		02	0	0	–	8.7	-1.3	25	30	-2	21	-1	70	19	0	4	13
HURGHADA	350	13	20	00	0	0	–	8.1	-2.2	25	28		23		58	16	0	8	
QUSEIR	360	9	15	02	0	0	–	8.0	-1.0	27	29	-3	23	-1	52	16	0	dr.	4
PORT SUDAN	20	1	10	05	0	0	–	6.9		32	33		27		49	20	0	155	97
WADI HALFA	20	2	35	02	0	0	–	6.3		26	36		20		21	2	0	dr.	
ABU HAMAD	10	6	30	02	0	1	Ac	5.5		32	40		24		18	5	0		
KAREIMA	360	10	50	02	0	0	–	7.4		29	39		22		25	7	0	dr.	2
'ATBARA	350	14	10	07	0	6	Cu, Ac	4.7		32	40		27		14	1	0	0.3	6
KHARTUM	340	8	20	02	0	0	–	6.4		31	39				12	-1	0	7	7
KASSALA	180					1	Ci	4.7		33	41		26		38	17	0	11	21
WAD MEDANI	230	5	35	02	0	0	–	5.3		33	42		28		34	15	0	51	23
RENK	310	5	35	02	1	3	Sc	6.7		32	41		25		17	4	0		83
ROSEIRES	180	7	35	02	1	0	–	6.7		30	40		26		49	18	0	2	102
EL OBEID																			32
EL FASHER																			14
GENEINA	30	12	30	00	0	2	Ci			26	37		18		13	-5	0		24
MALAKAL	250	2	30	02	2	7	Ac	6.3		28	39		25		66	21	dr.	144	183
WAU																			343
JUBA	180	9	30	15	2	6	Cb, Ac	7.1		28	35		25		70	22	dr.	330	435

HUMIDITY %

Mean of day

STATION	on 25th	Diff from normal
Alexandria	83	+12
Ezbeklya	51	0
Giza	50	0
Helwan	34	-4

GIZA GRASS MINIMUM TEMP. ON 26th 13.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

Station	Matruh		Port Said		Minya		Fouad A.P.		Farouk A.P.		Asyut		Luxor		Kharga		Dakhla		Hurghada				Fouad A.P.		Minya	
Time	14		14		14		14		14		14		14 45		14		14		14				20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	4	360	16	360	17	360	16	20	8	340	20	330	10	360	14	30	18	360	11			360	14	20	30
600	350	12	10	16	350	13	230	13	30	10	340	20	330	12	10	17	20	17	20	3			10	14	20	
1000	330	11	340	12	10	19	350	13	30	12	340	13	330	9	10	18	40	22	360	10			10	9	20	
1500	350	15	20	12	10	24	90	2	30	11	20	10	10	8					320	18			10	10	90	4
2000	350	10	320	3					240	3	30	18	340	3					310	22					70	8
3000			230	5					320	2									300	15						
4000			260	10					240	4									310	15						
5000			220	9					250	3																
6000			280	10					300	5																
7000			250	7																						
8000			80	4																						

UPPER WIND OBSERVATIONS on 26th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk A.P.	
Time			3		2		2																4 15	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			10	8	360	15	60	10															30	12
600			20	15	360	14	30	11																
1000			30	17	10	9	20	13																
1500							20	9																
2000							20	8																
3000							160	8																
4000							200	10																
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time															4				4		5		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																							230	11
1000															360	27			130	2	360	3	250	14
1500															20	19					30	9	220	7
2000															40	17			200	1	160	3	310	6
3000															100	9			130	9	250	7	240	9
4000															130	8								
5000															230	8			210	2				
6000																			240	9				
7000																								
8000																								

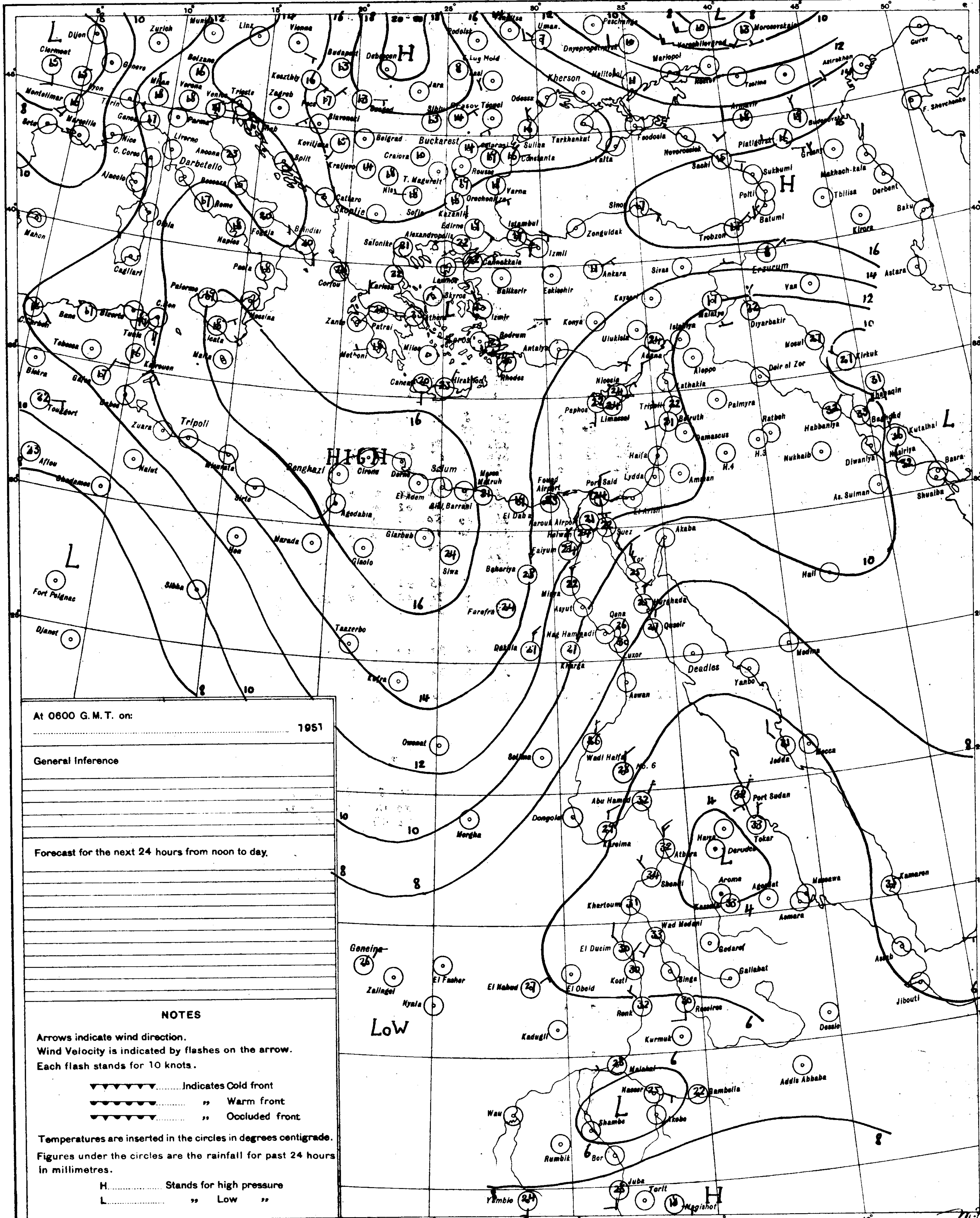
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 2d/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	○
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 56 G.M.T.
" " Sunset 16 48 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Sunday 27th May 1951

At 1200 on Saturday 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	340	7		00	0	0	—	14.0	24	61	16
	303	SÎDI BARÂNI	330	8	18	00	0	0	—	14.4	22	69	16
	306	MATRÛH	20	12	14	00	0	0	—	14.6	23	61	15
	309	EL DABʿA											
		ALEXANDRIA	360	15	50	00	0	0		13.5	23	74	18
	318	FOUAD (Airport)	320	11	18	02	0	0	—	13.6	24	69	18
	330	DAMIETTA	20	2	35	02	0	0	—	13.3	26	48	14
	333	PORT SAʿÎD	10	9	30	02	0	0	—	12.7	26	62	18
	336	EL ʿARISH	340	8	30	00	1	0	—	11.4	24	50	13
LOWER EGYPT	339	DAMANHUR	40	9	15	02	0	0	—	13.4	30	35	13
	342	MANṢURA	40	5	35	00	0	0	—	11.1	33	34	15
	348	TANTA	00	0	35	02	0	0	—	12.1	32	28	11
	354	ZAGAZIG	320	3	50	02	0	0		11.8	32	38	16
	440	ISMAʿILÎA											
CAIRO AREA	366	FAROUK (Airport)	40	10	30	00	0	0	—	11.5	32	26	10
	372	ALMÂZA	70	12	15	00	0	0	—	11.0	30	35	13
		EZBEKÎYA	360	4	18	00	0	0	—	10.7	31	28	10
		GÎZA	360	4	18	00	0	0	—	11.0	32	22	8
	378	HELWÂN	20	13	35	02	0	0	—	10.4	32	15	2
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	0	—	11.1	33	21	8
	387	MINYA	340	10	10	00	0	0	—	9.3	33	24	10
	393	ASYÛT MANQABÂD	340	8	30	00	0	0	—	8.3	34	23	10
	399	NAGʿ HAMMÂDI	00	0	35	00	0	0	—	8.5	37	33	18
	402	QENA	290	2	50	00	0	0	—	6.8	40	15	9
	405	LUXOR	360	8	30	00	0	0	—	5.2	39	14	7
	414	ASWÂN	00	0	50	00	0	0	—	3.2	40	12	6
OASES	417	SÎWA	20	4	14	00	0	0	—		32	16	3
	420	BAHARÎYA	360	4	35	02	0	0	—	12.0	31	31	12
	423	FARAFRA	00	0	35	02	0	0	—	11.5	32	15	2
	432	DAKHLA	340	11	50	00	0	0	—	9.5	34	10	-2
	435	KHARGA	360	2	15	00	0	0	—	8.4	35	23	11
RED SEA	450	SUEZ	360	6	50	02	0	0	—	9.4	32	20	6
	459	TÔR	350	12	15	02	0	0	—	6.7	28	62	20
	462	HURGHADA	360	8	30	00	0	0	—	5.9	27	70	21
	465	QUSEIR	360	9	15	02	0	0	—	6.9	28	70	22
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	ʿATBARA	10	3	30	03	2	5	Cu, Ac	0.5	41	15	9
	721	KHARTÛM	350	4	30	03	0	1	Ac	1.6	40	21	14
	730	KASSALA	180	5	30	03	1	3	Cb	99.3	42	21	15
CENTRAL SÛDÂN	751	WÂD MEDANI	50	5	35	01	1	6	Ac	0.8	40	20	13
	801	RENK	130	5	35	02	2	4	Ac	2.8	39	15	8
	802	ROSEIRES	230	9	35	02	1	4	Cu	2.2	38	25	15
	771	EL OBEID	40	9	30	02	0	1	Ci	2.6	37	7	-5
	760	EL FÂSHER	330	4	30	03	0	1	Cu, Ci		36	9	-2
	770	GENEINA	140	5	30	03	1	3	Cu, Ci		36	12	2
S. SÛDÂN	840	MALAKÂL	140	27	10	03	2	8	Sc, Ac, Ci	6.7	28	58	19
	880	WÂU											
	941	JUBA	230	5	30	29	9	9	Cb, As	4.2	27	66	20

At 1800 on Saturday 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	2	15	00	0	0	—	14.6	20	83	17	0
SÎDI BARÂNI	00	0	15	00	0	0	—	14.0	19	88	17	0
MATRÛH	360	3	12	00	0	0	—	13.9	20	83	17	0
EL DABʿA	340	8	7	00	0	0	—	13.6	20	88	18	0
ALEXANDRIA	360	12	35	01	1	3	Cu	13.0	21	83	18	0
FOUAD (Airport)	340	7	12	03	0	2	Sc	12.7	21	94	20	0
DAMIETTA	340	5	7	02	0	0	—	12.6	22	83	19	0
PORT SAʿÎD	350	12	18	02	0	0	—	11.7	22	83	19	0
EL ʿARISH	350	8	14	00	0	0	—	10.7	22	83	19	0
DAMANHUR	360	5	15	02	0	0	—	12.2	22	74	17	0
MANṢURA	360	5	15	00	0	0	—	10.3	24	69	18	0
TANTA	00	0	35	02	0	0	—		23	74	18	0
ZAGAZIG	320	2	35	02	0	0	—	11.0	24	61	16	0
ISMAʿILÎA	20	2	35	02	0	0	—	11.5	24	61	16	0
FAROUK (Airport)	20	15	12	00	0	0	—	11.6	26	48	14	0
ALMÂZA	60	16	12	00	0	0	—	11.1	26	51	15	0
EZBEKÎYA	360	6	12	00	0	0	—	11.1	26	42	12	0
GÎZA	360	6	12	00	0	0	—	11.1	27	37	11	0
HELWÂN	360	16	15	02	0	0	—	10.2	27	27	6	0
FAIYÛM	360	2	35	02	0	0	—	10.2	28	40	13	0
MINYA	350	8	10	00	0	0	—	8.7	24	47	12	0
ASYÛT MANQABÂD	320	5	10	00	0	0	—	8.2	28	25	6	0
NAGʿ HAMMÂDI	00	0	15	00	0	0	—	5.9	30	35	13	0
QENA	320	2	7	00	0	0	—	5.8	33	24	10	0
LUXOR	320	4	12	00	0	0	—	4.4	34	15	4	0
ASWÂN	00	0	15	00	0	0	—	3.5	35	19	8	0
SÎWA	40	4	10	00	0	0	—	12.8	28	22	4	0
BAHARÎYA	360	4	15	02	0	0	—	11.4	27	37	11	0
FARAFRA	200	1	15	02	0	0	—	11.1	30	19	4	0
DAKHLA	340	10	50	00	0	0	—	9.5	30	14	0	0
KHARGA	360	4	15	00	0	0	—	9.1	30	18	3	0
SUEZ	330	5	50	02	0	0	—	11.0	24	32	6	0
TÔR	310	2		02	0	0	—	6.2	26	70	20	0
HURGHADA	350	13	12	00	0	0		5.3?	27			0
QUSEIR	330	9	15	02	0	0	—	6.7	27	62	19	0
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA	280	10	30	02	0	0	—	3.2	34	22	9	0
ʿATBARA	340	3	30	01	1	1	Ac	1.1	36	24	12	0
KHARTÛM	310	7	30	01	0	0	—	1.8	36	18	8	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	40	3	30	01	2	0	—	3.8	31	17	4	0
EL FÂSHER	90	3	30	01	0	1	Ac		32	17	4	0
GENEINA	10	2	30	01	0	1	Cs		31	9	-6	0
MALAKÂL	180	3	30	01	2		Ac, Cs	6.0	25	70	19	0
WÂU	210	10	10	63	9	8	Ns	7.1	23	94	22	21
JUBA		5	30	13	6	8	Cb, Ac, Cs	8.1	23	94	22	4

At 0600 on Sunday 27th

Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.	Station
90	5	15	00	0	0	—	14.0	+1.0	22			17	-1	65	15	0	91		SALUM
270	5	10	28	4	1	Sc	13.9		18	22		14		94	17	0.2	108		SÎDI BARÂNI
320	3	10	00	4	0	—	14.2	+0.4	18	24		15		88	16	0	51		MATRÛH
320	8	15	01	1	2	Cu	13.6		21	24		16		88	19	0	54		EL DABʿA
360	9	50	03	2	3	Cu	13.4	-0.3	22	25	-2	18	-1	74	17	0	63	185	ALEXANDRIA
340	5	18	02	0	2	Sc	13.0		22	25		16		83	19	0	63	138	FOUAD (Airport)
340	2	15	00	0	0	—	13.3	+0.5	23	27	0	17	-2	78	19	0	Rain	105	DAMIETTA
330	6	15	03	0	1	Sc	12.3	-0.1	23	27		20		78	19	0	18		PORT SAʿÎD
240	5	18	03	0	3	Cu	11.4	-1.6	23	25	-3	16	0	74	18	0	Rain	93	EL ʿARISH
40	5	15	02	0	0	—	13.9	+0.5	24	31	0	17	0	69	18	0	35	101	DAMANHÛR
360	5	35	00	0	0	—	14.0	+1.0	23	34	+1	17	0	74	18	0	31	54	MANṢÛRA
270	2	35	02	0	0	—	13.8	+0.3	22	32	-1	13	-3	83	19	0	23	43	TANTA
00	0	35	03	1	4	Ci	12.2	-1.0	22	32?	-1	16	0	83	19	0	Rain	27	ZAGAZIG
360	2	35	04	0	0	—	12.4		23	31		18		74	18	0	17		ISMAÎLÎA
20	9	12	01	4	2	Sc	13.2		21	33		16		83	18	0	Rain		FAROUK (Airport)
50	6	10	01	1	0	—	12.7	-0.1	21	32		16		83	18	0	12		ALMÂZA
360	4	12	02	1	1	Sc	12.7	-0.1	22	33	-1	17	-1	74	17	0	11	26	EZBEKÎYA
360	4	12	02	1	1	Sc	12.4	-0.4	21	33	-1	15	-1	74	16	0	11	26	GÎZA
340	8	15	00	0	0	—	12.0	-0.7	21	33	0	17	-2	74	16	0	12	29	HELWÂN
360	8	35	02	0	0	—	13.0	+0.4	23	34	-1	17	-1	65	16	0	8	8	FAIYÛM
20	10	10	00	0	0	—	11.0	-0.9	22	34		18		69	16	0	3		MINYA
290	10	10	00	0	0	—	10.2	-1.5	24	35		18		47	12	0	tr.		ASYÛT MANQABÂD
00	0	15	00	0	0	—	8.4	-1.9	26	39	+2	20	+1	42	12	0	0.1		NAGʿ HAMMÂDI
320	2	15	00	0	0	—	8.6	-1.5	27	41	+2	22	0	37	11	0	2		QENA
20	3	30	00	0	0	—	7.4	-2.5	30	41		22		24	7	0	0		LUXOR
00	0	50	00	0	0	—	6.2	-4.0	32	41	+1	26	+1	38	16	0	0		ASWÂN
00	0	12	00	0	0	—	14.6	+0.6	26	33	-3	16	-1	32	8	0	1	8	SÎWA
360	4	35	02	0	0	—	13.0	-0.2	22	33	-2	17	-1	57	13	0	dr.	7	BAHARÎYA
40	1	35	02	0	0	—	13.4		23	34		22		24	1	0	dr.		FARAFRA
320	10	50	02	0	0	—	13.3	+1.5	25	35	-4	19	-2	34	8	0	0		DAKHLA
360	9	7	00	0	0	—	8.7	-1.9	26	36	-3	24	+2	30	7	0	0		KHARGA
330	5	50	00	0	0	—	10.7	-1.5	24	33	0	18	-2	54	14	0	5	17	SUEZ
340	13		02	0	0	—	7.5	-2.4	25	32	0	23	+1	80	19	0	4	13	TÔR
350	15	30	00	0	0	—	7.0	-3.2	26	28		24		51	15	0	8		HURGHADA
360	9	15	02	0	0	—	7.8	-2.1	28	29	-3	25	0	52	17	0	dr.	4	QUSEIR
90	1	10	05	1		Ac	6.2		33	35		28		70	27	0	155	97	PORT SÛDÂN
350	15	30	02	0	0	—	7.2		29	39		23		15	0	0	dr.		WÂDI HALFA
340	2	30	02	0	0	—	5.0		33	42		26		41	18	0			ABU HAMAD
310	12	30	02	0	0	—	7.6		30	40		25		22	6	0	dr.	2	KAREIMA
340	7	30	02	1	3	Ac	4.3		33	42		27		14	2	0	0.3	6	ʿATBARA
350	13	30	03	1	7	Ac, Ci	6.1		33	41		28		10	-3	0	7	7	KHARTÛM
180	7	30	16	2	7	Cb	7.7		26	42		25		66	19	5	16	22	KASSALA
																		23	WÂD MEDANI
																		84	RENK
																		105	ROSEIRES
00	0	30	03	2	8	Ac, Cs	8.2		28	38		25		20	3	0	10	32	EL OBEID
00	0	30	03	2	7	Cs			24	38		19		24	2	0	8	14	EL FÂSHER
20	8	30	00	0	7	Cs			25	38		18		10	-9	0		24	GENEINA
250	3	30	03	2	7	Ac	10.6		26	35		22		74	21	0	144	186	MALAKÂL
230	7	30	25	5	7	Ac	9.8		23	38		22		84	20	22	334?	348	WÂU
270	5	30	01	6	7	Sc, Cs	11.0		24	34		22		74	19	4	334	440	JUBA

HUMIDITY % Mean of day

STATION	on 26th	Diff. from normal
Alexandria	79	+8
Ezbekîya	58	+1
Gîza	57	+7
Helwân	31	-7

GÎZA
GRASS MINIMUM TEMP.
ON 27th 12.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ...... At ......

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ...... At ......

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

...... AIRPORT — On ...... At ......

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 26th

STATION	Matruh		Foad A.P.		Port Said		El Arish		Minya		Asyut		Luxor		Siwa		Dakhla		Kharga		Hurghada		Port Said		Foad A.P.	
TIME	14		14		14		14		14		14		15		14		14		14		14		20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	340	15	350	12	360	16	340	14	350	26	320	19	340	7	40	2	360	16	360	24	350	10	340	5	350	13
600	340	19	350	24	360	10	360	20	350	31	320	19	340	7	00	0	360	18	10	16	10	9	320	10	10	12
1000	360	13	10	11	20	10	10	22	340	16	340	15	350	10	30	4	360	23	10	19	10	8	20	7	20	18
1500	360	10	10	10	30	7	120	3	330	3	20	7	360	8	20	8	350	30			320	10	40	5	360	14
2000	10	8			300	3			300	3	00	0									280	11			360	14
3000					340	9					60	2									240	18			350	9
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 27th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME					4		2																	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					350	4	350	8																
600					10	8																		
1000					20	9	350	6																
1500					30	8	350	5																
2000					10	10																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME									3										4				3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300									360	16														
600									10	25													250	14
1000									50	7									350	26			220	17
1500									360	2									340	7			180	16
2000																			160	2				
3000									210	3									210	5				
4000																								
5000									210	17									130	10				
6000									310	13														
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

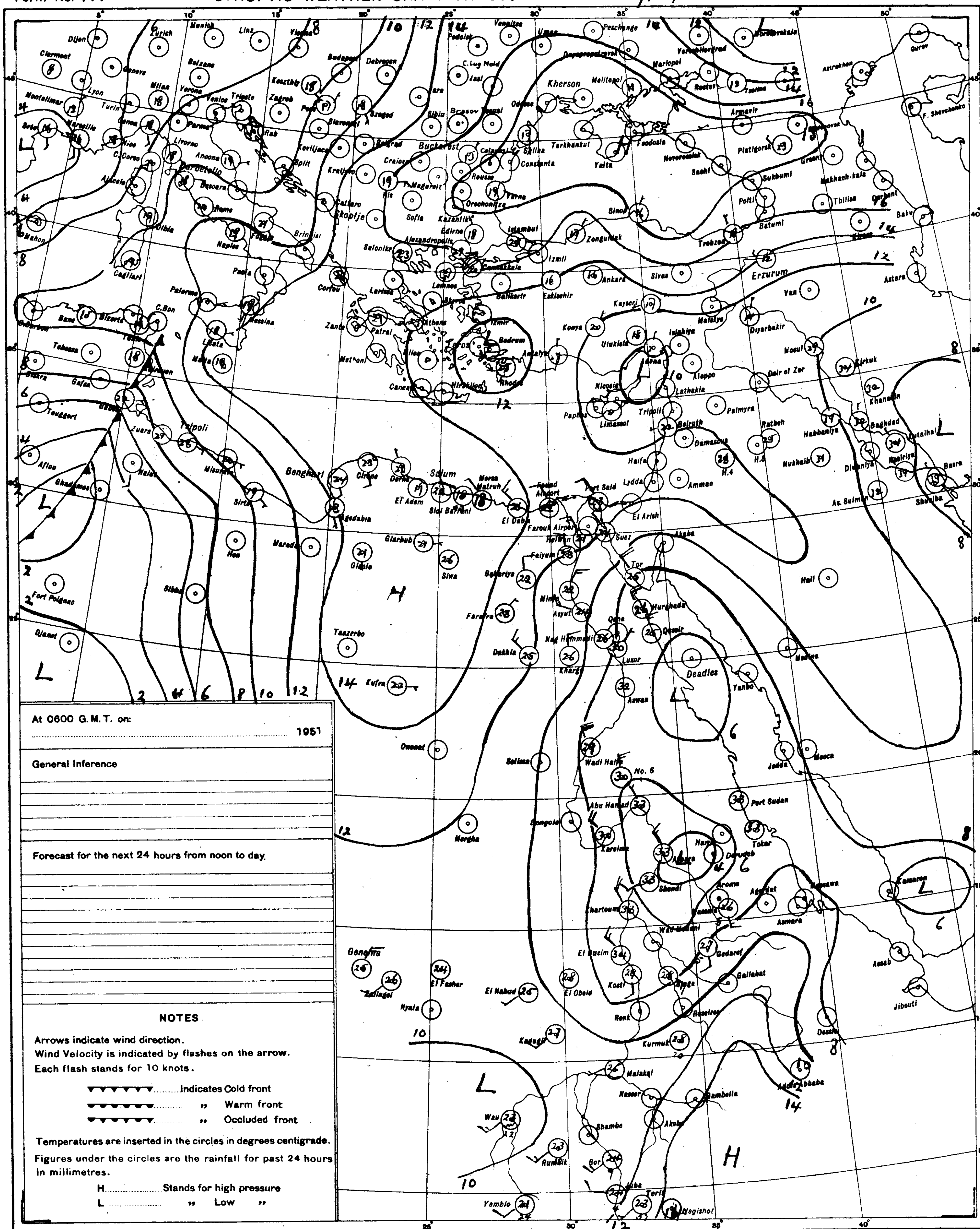
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 27/5/ 1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during the past hour	91
Hail		93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

..........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 56 G.M.T.
" Sunset 16 49 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: *Monday 28th May* 1951

At 1200 on Sunday 27th / At 1800 on Sunday 27th

Station	1200 Wind Direction	1200 Velocity in Knots	1200 Visibility in Kilometres	1200 Present Weather	1200 Past Weather	1200 Cloud Amount 0-8	1200 Cloud Form	1200 Bar. Pressure M.S.L. mbs	1200 Temperature °C	1200 Humidity %	1200 Dew Point °C	1800 Wind Direction	1800 Velocity in Knots	1800 Visibility in Kilometres	1800 Present Weather	1800 Past Weather	1800 Cloud Amount 0-8	1800 Cloud Form	1800 Bar. Pressure M.S.L. mbs	1800 Temperature °C	1800 Humidity %	1800 Dew Point °C	1800 Rain Past 12 hrs mms
SALUM	360	5	35	00	0	0	–	13.0	26	37	10	20	2	15	00	0	0	–	13.6	22	83	19	0
SIDI BARANI	340	11	18	00	0	0	–	13.7	24	57	15	00	0	15	00	0	0	–	13.3	20	88	18	0
MATRUH	10	9	18	03	0	2	Cb, Ci	13.3	23	69	17	330	5	13	00	0	0	–	13.7	21	88	19	0
EL DABA	340	9	35	00	0	0	–	13.1	24	61	16	340	4	7	00	0	0	–	13.0	20	88	18	0
ALEXANDRIA	310	11	50	01	2	3	Ac	12.4	23	74	18	360	10	35	01	2	2	Cu	12.6	21	88	19	0
FOUAD (Airport)	340	11	18	02	0	0	–	12.3	24	69	18	360	7	13	02	0	0	–	12.8	21	88	19	0
DAMIETTA	320	5	35	02	0	0	–	12.2	26	55	16	320	5	7	02	0	0	–	11.9	22	83	19	0
PORT SAID	350	11	30	02	0	0	–	11.4	24	79	20	360	10	18	02	0	0	–	11.2	22	89	20	0
EL ARISH	330	7	30	00	1	0	–	10.6	25	74	20	50	3	12	00	0	0	–	10.7	21	88	19	0
DAMANHUR	40	9	15	02	0	0	–	11.5	30	40	15	40	9	15	02	0	0	–	12.6	22	74	17	0
MANSURA			35	00	0	0	–	11.4	33	30	13	360	5	7	00	0	0	–	11.6	23	65	16	0
TANTA	00	0	35	02	0	0	–	12.0	32	28	11	00	0	35	02	0	0	–	12.1	22	83	19	0
ZAGAZIG	320	2	50	02	1	0	–	11.2	33	38	17	40	1	35	02	0	0	–	10.4	25	54	15	0
ISMAILIA	20	2	35	02	0	0	–	10.4	31	31	12	20	2	35	02	0	0	–	10.8	24	61	16	0
FAROUK (Airport)	20	10	18	00	0	0	–	11.3	32	38	16	40	15	12	00	0	0	–	11.0	27	58	18	0
ALMAZA	40	13	15	00	0	0	–	10.2	31	38	15	60	13	12	02	0	0	–	10.0	28	40	13	0
EZBEKIYA	360	4	18	00	0	0	–	10.0	31	28	10	360	8	12	00	0	0	–	10.3	27	37	11	0
GIZA	360	4	18	00	0	0	–	10.6	32	24	9	360	8	12	00	0	0	–	10.8	28	27	7	0
HELWAN	360	8	35	02	0	0	–	9.2	32	20	6	20	13	15	02	0	0	–	9.2	28	27	7	0
FAIYUM	360	8	35	02	0	0	–	10.6	33	21	8	00	0	35	02	0	0	–	9.9	28	33	10	0
MINYA	340	13	10	00	0	0	–	8.9	34	23	10	00	0	8	00	0	0	–	8.7	28	35	11	0
ASYUT MANQABAD	310	12	30	00	0	0	–	8.0	34	20	8	290	5	12	00	0	0	–	8.2	27	35	10	0
NAG HAMMADI	00	0	35	00	0	0	–	6.7	37	27	15	340	1	15	00	0	0	–	6.4	30	38	14	0
QENA	290	2	50	00	0	0	–	6.3	41	14	8	360	1	7	00	0	0	–	4.7	33	24	10	0
LUXOR	320	8	30	00	0	0	–	4.4	40	16	10	290	4	12	00	0	0	–	3.5	34	18	6	0
ASWAN	200	5	50	01	1	2	As	3.1	41	17	11	00	0	15	00	0	0	–	4.2	38	16	8	0
SIWA	70	9	14	00	0	0	–	13.2	34			40	2	10	00	0	0	–	12.0	30	25	8	0
BAHARIYA	360	4	35	02	0	0	–	10.7	33	24	10												
FARAFRA	360	1	35	02	0	0	–	11.1	32	15	2												
DAKHLA	340	10		00	0	0	–	8.0	34	13	2												
KHARGA	360	2	15	00	0	0	–	7.2	36	17	7												
SUEZ	360	9	50	03	0	0	–	8.3	32	20	6												
TOR	340	19	35	02	0	0	–	5.9	30	46	17	310	13		02	0	0	–	6.5	28	58	13	0
HURGHADA	30	3	30	03	0	1	Ac	5.3	28	74	22	340	15	18	00	0	0	–	4.6	28	55	18	0
QUSEIR	360	13	15	02	0	0	–	5.8	29	66	22	360	9	7	02	0	0	–	5.3	27	84	24	0
PORT SUDAN	30	13	10	05	1	6	Cu, Ac	4.3	36	37	19	00	0	10	13	2	3	Cu, Ac	4.6	32	52	21	0
WADI HALFA	340	6	30	01	1	0	–	4.3	39	8	-2	290	9	30	02	0	0	–	5.8	33	12	0	0
ABU HAMAD	290	2	30	03	1	3	Cu, Ac	2.5	42	14	9	310	4	30	01	9	4	Sc	2.4	37	11	2	dr.
KAREIMA	270	2	50	03	1	5	Ac	3.2	41	5	-7												
ATBARA	240	7	30	03	1	4	Cu, Ac, Cs	1.1	41	17	11												
KHARTUM	250	3	30	02	2	6	Cu, Ac	3.1	40	8	0	290	7	30	13	2	3	Cu, Cs	3.6	36	10	-1	0
KASSALA												220	11	10	13	2	5	Cb, Ac	7.7	30	38	14	0
WAD MEDANI	230	9	35	02	2	8	Cu	2.6	38	18	10												
RENK	130	9	35	02	2	8	Cu	5.8	34	36	17												
ROSEIRES	230	13		02	2	8	Ac, Cs	7.4	30	49	18												
EL OBEID	00	0	30	02	2	8	Ac, Cs	5.9	34	12	1												
EL FASHER	00	0	30	03	1	6	Ci		36	11	1	150	3	30	01	2	6	Cb, Ac		31	17	3	0
GENEINA	260	2	30	03	2	7	Cu, Cs		36	10	-1	180	2	30	02	2	7	Cu, Cs		31	33	13	0
MALAKAL	340	2	30	03	2	6	Cu, Ci	6.8	33	44	19	200	2	10	13	8	7	Cb, Ac	9.6	24	84	21	dr.
WAU	230	3	30	03	2	6	Cu, Ac	7.4	32	49	20	230	4	50	13	2	8	Cb, Ac, Cc	8.5	28	79	24	0
JUBA	310	5	50	25	8	8	Cb, Ac, Cc	6.9	31	52	20	270	2	30	13	1	8	Cb	8.9	26	79	22	Rain

At 0600 on Monday 28th

Wind Direction	Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st	Station
00	0	15	00	0	0	–	13.3	+0.3	23	28	0	17	-1	36	7	0	91		SALUM
280	3	18	00	0	0	–	13.6		23	24		14		44	10	0	108		SIDI BARANI
280	1	18	00	0	0	–	13.5	-0.3	25	24		16		39	10	0	81		MATRUH
290	6	15	00	0	0	–	13.5		23	24		14		69	16	0	54		EL DABA
360	10	50	03	2	4	Cu	12.8	-0.9	22	25	-2	20	+1	83	19	0	63	185	ALEXANDRIA
340	9	18	03	4	3	Sc	12.8		23	25				84	20	0	63	138	FOUAD (Airport)
340	2	15	00	0	0	–	13.3	+0.6	23	26	-1	18	-1	84	20	0	Rain	105	DAMIETTA
360	5	14	02	0	0	–	12.7	+0.3	24	26		21		74	19	0	18		PORT SAID
180	2	14	03	4	4	Sc	11.9	-1.0	23	25	-3	16	0	74	18	0	Rain	93	EL ARISH
40	5	15	02	0	0	–	12.1	-1.3	24	31	0	16	-1	69	18	0	35	101	DAMANHUR
360	5	35	00	0	0	–	12.6	-0.4	25	33	0	17	0	61	17	0	31	54	MANSURA
00	0	35	02	0	0	–	12.6	-1.5	21	32	-1	14	-2	88	19	0	23	43	TANTA
00	0	35	03	0	0	–	13.0	-0.1	22	34	+1	15	-1	83	19	0	Rain	27	ZAGAZIG
70	2	35	01	0	0	–	12.7		24	32		18		69	18	0	17		ISMAILIA
20	5	12	00	0	0	–	13.3		21	34		16		88	19	0	Rain		FAROUK (Airport)
50	6	10	05	0	0	–	12.3	-0.5	21	32		15		83	18	0	12		ALMAZA
360	4	12	00	0	0	–	12.6	-0.2	22	33	-1	18	0	69	16	0	11	26	EZBEKIYA
360	4	12	00	0	0	–	12.6	-0.2	22	33	-1	16	0	74	17	0	11	26	GIZA
340	11	7	00	0	0	–	12.3	-0.3	22	33	0	16	-3	65	15	0	12	29	HELWAN
360	8	35	02	0	0	–	12.3	-0.4	23	34	-1	17	-1	65	16	0	8	8	FAIYUM
350	9	10	00	0	0	–	11.9	0.0	23	35		18		65	16	0	3		MINYA
00	0	12	00	0	0	–	11.2	-0.5	24	35		18		50	13	0	dr.		ASYUT MANQABAD
										39	+2								NAG HAMMADI
										42	+3								QENA
200	2	30	00	0	0	–	8.0	-1.8	32	41		24		22	8	0	0		LUXOR
340	4	50	01	1	2	Ci	7.4	-2.7	32	43	+3	27		20	6	0	0		ASWAN
100	4	12	00	0	0	–	14.4	+0.4	24	35	-1	16	-1	32	6	0	1	8	SIWA
360	2	35	02	0	0	–	13.0	-0.2	24			17	-1	54	14	0	dr.	7	BAHARIYA
360	1	35	02	0	0	–	15.4		23			18		38	8	0	dr.		FARAFRA
																			DAKHLA
																			KHARGA
																		17	SUEZ
310	9	7	02	0	0	–	7.1	-2.8	24	32	0	22	0	74	19	0	4	13	TOR
350	14	30	00	0	0	–	7.5	-2.6	26	29		25		55	16	0	8		HURGHADA
360	9	15	02	0	0	–	7.1	-2.9	28	30	-2	24	-1	58	19	0	dr.	4	QUSEIR
50	1	30	[illegible]	1	7	Ci	7.5		33	37		27		70	27	0	155	97	PORT SUDAN
360	7	30	02	0	1	Ac	8.8		28	40		21		14	-2	0	dr.		WADI HALFA
200	7	30	01	1	1	Ac	7.6		31	43		23		41	16	dr.			ABU HAMAD
360	3	30	02	0	0	–	9.0		30	42		24		18	3	0	dr.	2	KAREIMA
210	5	30	01	6	4	Ac	6.3		31	42		26		36	14	dr.	0.3	6	ATBARA
120	13	30	03	2	7	Ac, Cs	8.6		32	41		25		34	14	0	7	7	KHARTUM
										36								22	KASSALA
130	13	35	02	2	8	Cc	10.0		29	38				46	16	0	51	24	WAD MEDANI
130	9	35	02	2	8	Ac	10.0		27	35		25		66	20	0		85	RENK
230	9	35	02	1	5	Ac	11.8		27	32		25		66	20	0	2	107	ROSEIRES
																		33	EL OBEID
00	0	30	03	1	7	Ac, Ci				37		23			14	0	8	14	EL FASHER
										37								25	GENEINA
180	4	30	02	6	8	Ns	12.9		24	36		22		79	20	dr.	144	189	MALAKAL
180	10	30	61	6	8	Ns	12.3		23	33		23		84	20	0.4	235	353	WAU
310	2	30	21	9	8	Ns	15.1		21	32		20		94	20	37	391	445	JUBA

HUMIDITY % Mean of day

STATION	27th	
Alexandria	83	+12
Ezbekiya	53	+2
Giza	49	-1
Helwan	47	+9

GIZA GRASS MINIMUM TEMP. ON 28th 13.0 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan AIRPORT — On 27th At 10h

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000	154	29	25		
950					
900					
850	1560	18	24		
800					
700	3209	7	19		
600	4460	-1			
500	5885	-12			
400					
300	9657	-41			

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

Station	Matruh		Fouad A.P.		Port Said		Minya		Asyut		Luxor		Siwa		Dakhla		Kharga		Hurghada		Sidi Barani		Fouad A.P.		Port Said	
Time	14		14		14		14		14		14 45		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	10	350	14	10	12	360	21	330	11	280	12	20	14	360	14	360	11	360	3	10	12	350	19	20	14
600	20	15	360	14	360	14	10	12	330	15	300	8	20	14	360		360	14	350	6	10	11	360	20	10	16
1000	350	15	10	10	10	12	10	22	340	12	310	6	20	13	320	22	360	16	40	9	360	11	360	22	40	5
1500			30	8	330	9	330	10	340	9	300	7	70	17					90	2	340	9	10	17	300	6
2000			30	4	220	1	250	8	240	14	180	7	50	16					280	7	320	12	330	10		
3000					180	13	260	11	180	16			30	24					250	17			80	9		
4000									210	16			30	31					170	12						
5000									200	12			30	22					240							
6000																			240	16						
7000																			240							
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada			
Time			4		2								2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			10	8	350	9							10	28										
600			30	11	30	7							10	35										
1000			30	11	20	10							360	28										
1500			10	12	10	11							340	18										
2000					40	5							150	11										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time													4		4		3							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600													30	13	70	10	50	5						
1000													70	15	110	10	170	2						
1500													90	11	10	4	300	2						
2000															20	13								
3000													130	4			130	7						
4000															160	12								
5000													190	11	10	4								
6000															270	1								
7000																								
8000																								

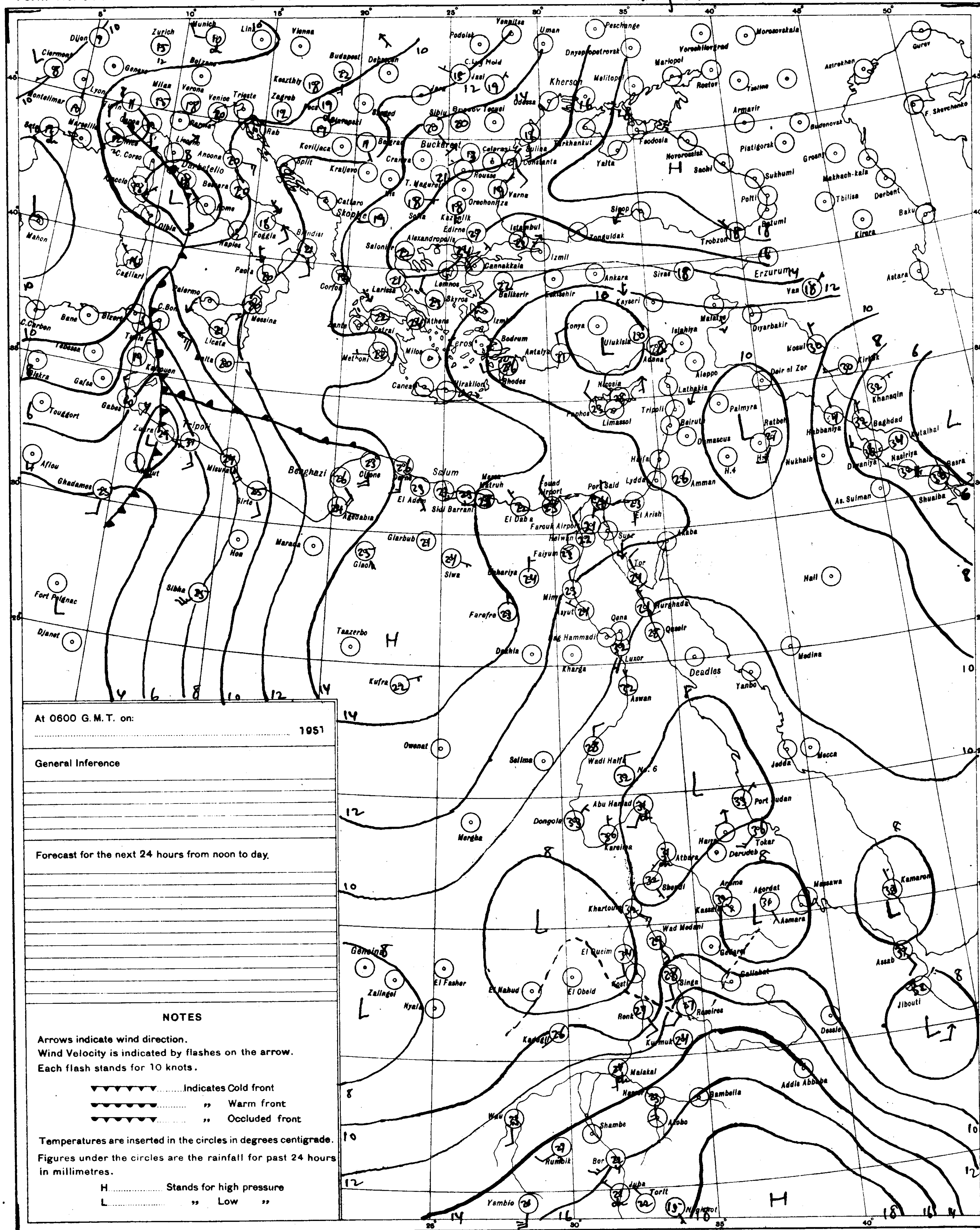
Remarks:
1. Wind Direction in degrees east of North.
2. ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3. Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4. All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 949 (43,557) (50/5/1)

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 28/5/1 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H............ Stands for high pressure
L............ ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
	Cloudless	00
	Clouds dissolving	01
	State of sky generally unchanged	02
	Clouds developing	03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
	Lightning, no thunder heard	13
	Precipitation within sight	16
	Thunder, no precipitation	17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
	Duststorm or Sandstorm	31
	Fog	45
	Drizzle	50
	Rain	60
	Showers of rain	80
	,, ,, hail	87
Rain	Thunderstorm during	91
Hail	the past hour	93
	Thunderstorm with rain	95
	,, ,, hail	96
	,, ,, Sandstorm	98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze (*vis less than 1000 m.*)	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

"F. Sawsu"

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 02 55 G. M. T.
" " Sunset 16 49 G. M. T.

DAILY WEATHER REPORT

Date: Tuesday 29th May 1951

At 1200 on Monday 28th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALUM	20	5	35	03	1	3	Cs	13.0	29	23	6
	303	SIDI BARANI	360	8	18	03	0	1	Ci	13.5	24	57	15
	306	MATRUH	20	11	18	00	0	0	–	13.6	25	43	12
	309	EL DABA	340	8	35	00	0	0	–	12.5	26	48	14
		ALEXANDRIA	360	14	15	00	0	0	–	12.7	24	74	19
	318	FOUAD (Airport)	340	11	18	02	0	0	–	12.6	26	70	20
	330	DAMIETTA	360	5	35	02	0	0	–	11.9	26	62	18
	333	PORT SA'ID	360	12	30	02	0	0	–	10.7	26	66	19
	336	EL 'ARISH		8	30	00	0	0	–	10.4	25	65	18
LOWER EGYPT	339	DAMANHUR	310	9	15	02	0	0	–	12.7	31	38	15
	342	MANSURA	40	5	35	00	0	0	–	10.6	33	24	10
	348	TANTA	310	2	35	02	0	0	–	12.3	33	21	8
	354	ZAGAZIG	320	2	50	02	0	0	–	11.0	33	24	10
	440	ISMAILIA	40	5	35	02	0	0	–	10.1	32	26	10
CAIRO AREA	366	FAROUK (Airport)	40	10	30	00	0	0	–	10.9	32	28	11
	372	ALMAZA	40	11	15	00	0	0	–	10.4	32	43	18
		EZBEKIYA	360	4	18	00	0	0	–	10.2	33	26	11
		GIZA	360	4	18	00	0	0	–	10.6	33	21	8
	378	HELWAN	340	10	35	02	0	0	–	9.0	33	16	4
UPPER EGYPT	381	FAIYUM	360	8	35	02	0	0	–	10.6	34	18	6
	387	MINYA	10	13	10	00	0	0	–	9.6	33	24	10
	393	ASYUT MANQABAD	340	9	30	00	0	0	–	8.4	35	19	8
	399	NAG' HAMMADI	290	3	35	00	0	0	–	9.1	36	20	10
	402	QENA	290	2	50	00	0	0	–	6.7	42	18	13
	405	LUXOR	250	6	30	00	0	0	–	5.4	40	15	9
	414	ASWAN	250	2	50	00	0	0	–	4.4	41	10	4
OASES	417	SIWA	270	6	14	00	0	0	–	13.2	33	21	8
	420	BAHARIYA	360	2	35	02	0	0	–	11.1	33	24	10
	423	FARAFRA	320	1	35	02	0	0	–	12.0	34	20	8
	432	DAKHLA	340	11	50	00	0	0	–	8.8	34	14	3
	435	KHARGA	360	2	15	00	0	0	–	8.3	36	17	7
RED SEA	450	SUEZ	320	5	50	02	0	0	–		34	14	3
	459	TOR	310	5	35	02	0	0	–	8.0	31	49	19
	462	HURGHADA	30	4	30	00	0	0	–	8.0	27	79	23
	465	QUSEIR	360	3	15	02	0	0	–	7.9	30	62	22
	641	PORT SUDAN											
NORTH SUDAN	600	WADI HALFA	350	12	30	03	0	1	Cu	5.9	39	7	-3
	640	ABU HAMAD	230	3	30	03	0	2	Cu	3.8	41	18	12
	660	KAREIMA	340	6	30	02	0	0	–	4.4	40	11	4
	680	'ATBARA	210	5	30	03	1	3	Cu,Ac	3.6	39	18	11
	721	KHARTUM	130	8	50	02	2	7	Ac,Ci	3.8	39	15	8
	730	KASSALA											
CENTRAL SUDAN	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES	230	13	35	02	2	7	As	8.2	33	36	16
	771	EL OBEID	00	0	30	02	1	4	Cu,Ac	5.2	36	12	2
	760	EL FASHER	130	3	30	02	2	7	Cu,Ac,Ci		36	19	9
	770	GENEINA	200	7	30	03	1	4	Cu,Ci		33	30	13
S. SUDAN	840	MALAKAL	200	7	30	03	6	8	Cu,Cs	8.8	32	41	17
	880	WAU	230	4	30	21	6	7	St,Cu,Ci	9.2	28	66	21
	941	JUBA	270	2	30	21	6	8	St,Ac	12.3	23	84	20

At 1800 on Monday 28th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms
SALUM	70	2	15	00	0	1	Ci	13.2	22	65	15	0
SIDI BARANI	110	5	18	02	0	1		12.9	21	65	14	0
MATRUH	00	0	12	01	1	1	Ci	13.2	21	78	17	0
EL DABA	320	2		00	0	0	–	13.1	20	88	18	0
ALEXANDRIA	360	11	35	03	1	2	Cu	12.6	22	83	19	0
FOUAD (Airport)	330	7	12	02	0	0	–	12.0	22	89	20	0
DAMIETTA	340	2	7	02	0	0	–	12.3	22	83	19	0
PORT SA'ID	360	8	30	02	0	0	–	11.3	23	74	18	0
EL 'ARISH	350	5	12	00	0	0	–	10.5	22	89	20	0
DAMANHUR	360	5	15	02	0	0	–	13.0	23	65	16	0
MANSURA	360	5	15	00	0	0	–	11.4	24	61	16	0
TANTA	360	2	35	02	0	0	–	11.7	24	69	18	0
ZAGAZIG	320	5	35	02	0	0	–	11.2	25	47	13	0
ISMAILIA	360	5	35	02	0	0	–	11.1	25	54	15	0
FAROUK (Airport)	40	13	12	00	0	0	–	11.2	25	61	17	0
ALMAZA	60	11	12	00	0	0	–	10.6	28	52	17	0
EZBEKIYA	360	8	12	00	0	0	–	11.0	27	40	12	0
GIZA	360	8	12	00	0	0	–	11.2	28	33	10	0
HELWAN	20	18	15	02	0	0	–	9.2	28	22	4	0
FAIYUM												
MINYA	360	7	8	00	0	0	–	9.5	24	47	12	0
ASYUT MANQABAD	00	0	12	00	0	0	–	9.1	28	33	10	0
NAG' HAMMADI	00	0	15	00	0	0	–	8.2				0
QENA	290	2	15	00	0	0	–	7.1	33	24	10	0
LUXOR	300	6	12	00	0	0	–	6.8	34	18	6	0
ASWAN	320	5	15	00	0	0	–	5.8	38	13	5	0
SIWA	00	0	10	00	0	0	–	12.4	30	33	12	0
BAHARIYA	00	0	50	02	0	0	–	11.6	27	37	11	0
FARAFRA	360	1	15	02	0	0	–	10.8	30	29	10	0
DAKHLA	320	5	50	00	0	0	–	8.8	30	21	5	0
KHARGA	360	1	15	00	0	0	–	9.6	31	12	-1	0
SUEZ	310	5		02	0	0	–	10.6	25	47	13	0
TOR	310	2		02	0			6.8	28	70	22	0
HURGHADA	00	0	12	01	0	0	–	5.9	26	74	21	0
QUSEIR	360	5	15	02	0	0	–	6.1	27	79	23	0
PORT SUDAN	90	1	30	01	2	5	Cu,Ac	5.6	31	79	27	0
WADI HALFA	310	7	30	01	0	1	Ac	6.4	33	10	-2	0
ABU HAMAD	310	3	30	01	8	1	Ac	5.0	38	18	10	dr.
KAREIMA	300	6	30	02	0	0	–	4.7	35	10	-1	0
'ATBARA	170	2	30	01	1	4	Sc,Ac	4.0	37	24	13	0
KHARTUM	00	0	30	13	2	5	Cb,Ac	3.7	30	23	11	0
KASSALA	00	0	30	13	2	4	Cb,Ac	4.8	31	52	20	0
MALAKAL												
WAU												
JUBA	180	7	30	01	2	8	Ac	9.5	28	58	19	dr.
	230	1	30	92	9	3	Cs	9.5	27	74	22	dr.
	00	0	30	01	2	8	Cs	11.7	23	94	22	1

At 0600 on Tuesday 29th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M. S. L. mbs.	BAR. PRESSURE Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	RAINFALL Total From Oct. 1st.	RAINFALL Normal From Oct. 1st.
SALUM	70	2	15	00	0	0	–	12.2	-0.8	28?			19	+1	27	7	0	91	
SIDI BARANI	00	0	14	00	0	0	–	12.5		23	25				41	9	0	108	
MATRUH	280	2	18	00	0	0	–	12.8	-0.9	24	24		22		41	10	0	51	
EL DABA	290	4	16	00	0	0	–	12.8		23	26				50	12	0	54	
ALEXANDRIA	270	10	50	02	0	0	–	12.4	-1.3	22	26	-1	20	+1	83	19	0	63	185
FOUAD (Airport)	310	3	18	02	0	0	–	12.1		23	26?		16		74	18	0	63	138
DAMIETTA	320	2	15	00	0	0	–	12.2	-0.5	24	29?	+2	17	-2	74	19	0	Rain	105
PORT SA'ID	360	5	18	02	0	0	–	11.7	-0.7	24	27		21		74	19	0	18	
EL 'ARISH	340	2	30	03	0	3	Sc	10.9	-2.0	24	27	-1	16	0	79	20	0	Rain	93
DAMANHUR	40	5	3	02	4	0	–	11.8	-1.5	23	32	+1	16	-1	84	20	0	35	101
MANSURA	270	5	35	03	2	5	Ac	11.4	-1.5	22	35	+2	17	0	83	19	0	31	54
TANTA	270	2	35	03	2	8	Ac	12.0	-1.3	21	34	+1	16	0	88	19	0	23	43
ZAGAZIG	00	0	3	10	4	0	–	12.4	-0.7	19	35	+2	17	+1	88	17	0	Rain	27
ISMAILIA	290	2	35	02	0	0	–	11.8		19	33		18		94	18		17	
FAROUK (Airport)	360	3	10	02	2	6	Sc	12.0		19	33		16		83	16	0	Rain	
ALMAZA	20	3	10	02	1	5	St	12.3	-0.5	20	33		16		88	18	0	12	
EZBEKIYA	00	0	10	00	4	8	St	12.4	-0.4	21	34	0	18	0	83	18	0	11	26
GIZA	00	0	10	00	4	8	St	12.4	-0.3	19	34	0	16	0	95	19	0	11	26
HELWAN	320	11	7	00	0	0	–	11.8	-0.8	22	34	0	18	-1	65	15	0	12	29
FAIYUM	360	8	35	02	0	0	–	11.6	-1.0	23	35?	0	18	0	65	16	0	8	8
MINYA	330	8	10	00	0	0	–	11.7	-0.1	23	34		16		65	16	0	3	
ASYUT MANQABAD	320	5	12	00	0	0	–	11.5	-0.1	25	36		19		51	14	0	dr.	
NAG' HAMMADI											37	0							
QENA	290	3	50	00	0	0	–	9.5	-0.5	28	42	+3	24	+2	33	10	0	x	
LUXOR	00	0	30	00	0	0	–	9.4	-0.4	32	41		24		22	8	0	0	
ASWAN	320	4	50	02	1	4	Ac	9.5	-0.5	31	43	+3	26	+1	12	-1	0	0	
SIWA	100	3		00	0	0	–	14.2	+0.2	25	36	0	16	-2	42	11	0	1	8
BAHARIYA	360	2	35	02	0	0	–	12.8	-0.3	24	34	-1	16	-2	61	16	0	dr.	7
FARAFRA	00	0	35	02	0	0	–	12.8		24	35		18		26	3	0	dr.	
DAKHLA	00	0	50	00	0	0	–	12.7	+1.0	23	35	-4	19	-2	53	13	0	0	
KHARGA	360	2	15	00	0	0	–	11.1	+0.6	27	37	-2	20	-2	33	9	0	0	
SUEZ	310	4	50	00	0	0	–	10.6	-1.5	25	35	+1	20	0	47	13	0	5	17
TOR	310	13		02	0	0	–	9.8	0.0	25	33	+1	22	+1	74	20	0	4	13
HURGHADA	350	13	30	00	0	0	–	7.8?	-2.3	26	29		24		55	16	0	8	
QUSEIR	360	9	15	00	0	2	Ci	8.8?	-1.0	29	30	-2	25	0	52	18	0	dr.	4
PORT SUDAN	00	0	30	03	0	3	Cu	8.1		33	34		27		66	26	0	155	97
WADI HALFA	360	8	30	02	0	1	Ac	9.7		29	41		22		13	-2	0	dr.	
ABU HAMAD	360	6	30	02	0	1	Ac	6.9		35	42		27		10	-1	dr.		
KAREIMA	340	9	30	03	0	2	Ac	8.6		30	42		25		33	12	0	dr.	2
'ATBARA	180	15	7	07	9	6	Sc,Ci	7.5		33	41		26		32	14	dr.	0.3	6
KHARTUM	170	14	30	01	1	5	Ac,Ci	9.3		31	42		27		33	13	0	7	7
KASSALA	170	5	30	02	3	1	Ac,Ci	10.8		27	39		23		55	17	0	16	23
WAD MEDANI	230	9	35	02	2	8	As	9.8		30	39		27		49	18	0	51	24
RENK	130	5	35	02	2	7	Ac	12.8		28	35		26		66	21	0		87
ROSEIRES	130	5	3	02	6	8	As,Cs	13.3		25	35		22		84	22	5	7	109
EL OBEID	230	10	30	03	1	4	Ac,Ci			30	38		25		46	17	0	10	33
EL FASHER	150	6	30	01	2	6	Ac			29	37		24		37	13	0	8	15
GENEINA	30	2	30	03	1	6	Ac			25	36		21		47	13	0		26
MALAKAL											33							192	
WAU	180	1	30	01	2	8	Ac	11.4		23	30		22		89	21	dr.	235	358
JUBA	180	5	30	01	2	5	St, Ac	13.1		24	25		21		84	21	1	392	450

HUMIDITY %

Mean of day

STATION	on 28th	Diff. from normal
Alexandria	83	+13
Ezbeklya	52	+1
Giza	50	0
Helwan	43	+4

GIZA
GRASS MINIMUM TEMP.
ON 29th 12.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On ..... At ..... PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.	AIRPORT On ..... At ..... PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 28th

STATION	Matruh		Fouad A.P.		Port Said		El Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		Luxor		Fouad A.P.		Sidi Barrani	
TIME	14		14		14		14		14		14		14		14		14		14		14 30		20		14	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	330	12	340	20	360	16	360	12	350	17	340	14	350	9	350	13	350	10	60	6	280	10	350	19	20	9
600	330	13	340	11	360	15	20	17	360	16	320	12	350	8	350	15	340	11	120	3	280	10	360	14	350	8
1000	350	10	350	10	360	14	10	17	350	18			350	12	340	16	330	14	140	7	280	11	350	16	340	9
1500	350	17	360	14	30	4	120	6	340	27	260	16	30	9	250	19			90	3	280	4	350	10		
2000	330	11	10	15			240	12			200	16	20	13					180	4	200	19				
3000	330	14					220				220	10	350	10												
4000	300	15											350	5												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 29th

STATION	SIDI BARANI		MATRUH		FOUAD AIRPORT		PORT SA'ID		EL 'ARISH		HELWAN		MINYA		ASYUT MANQABAD		LUXOR		ASWAN		HURGHADA		Farouk AIR	
TIME			4		2		2						2										3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300			300	3	10	4	10	4					10	36?									30	6
600			360	3	320	6	20	7					20	24									40	22
1000			320	3	340	5	360	7					340	18									30	16
1500			330	13	340	16	240	5					300	3									10	10
2000			320	10	300	7	290	5					270	3										
3000			320	24																				
4000			320	21																				
5000																								
6000																								
7000																								
8000																								

STATION	SIWA		BAHARIYA		DAKHLA		KHARGA		WADI HALFA		ABU HAMAD		KAREIMA		KHARTUM		KASSALA		EL OBEID		EL FASHER		MALAKAL	
TIME													4											
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300													350	14										
600													10	29										
1000													10	13										
1500																								
2000													20	7										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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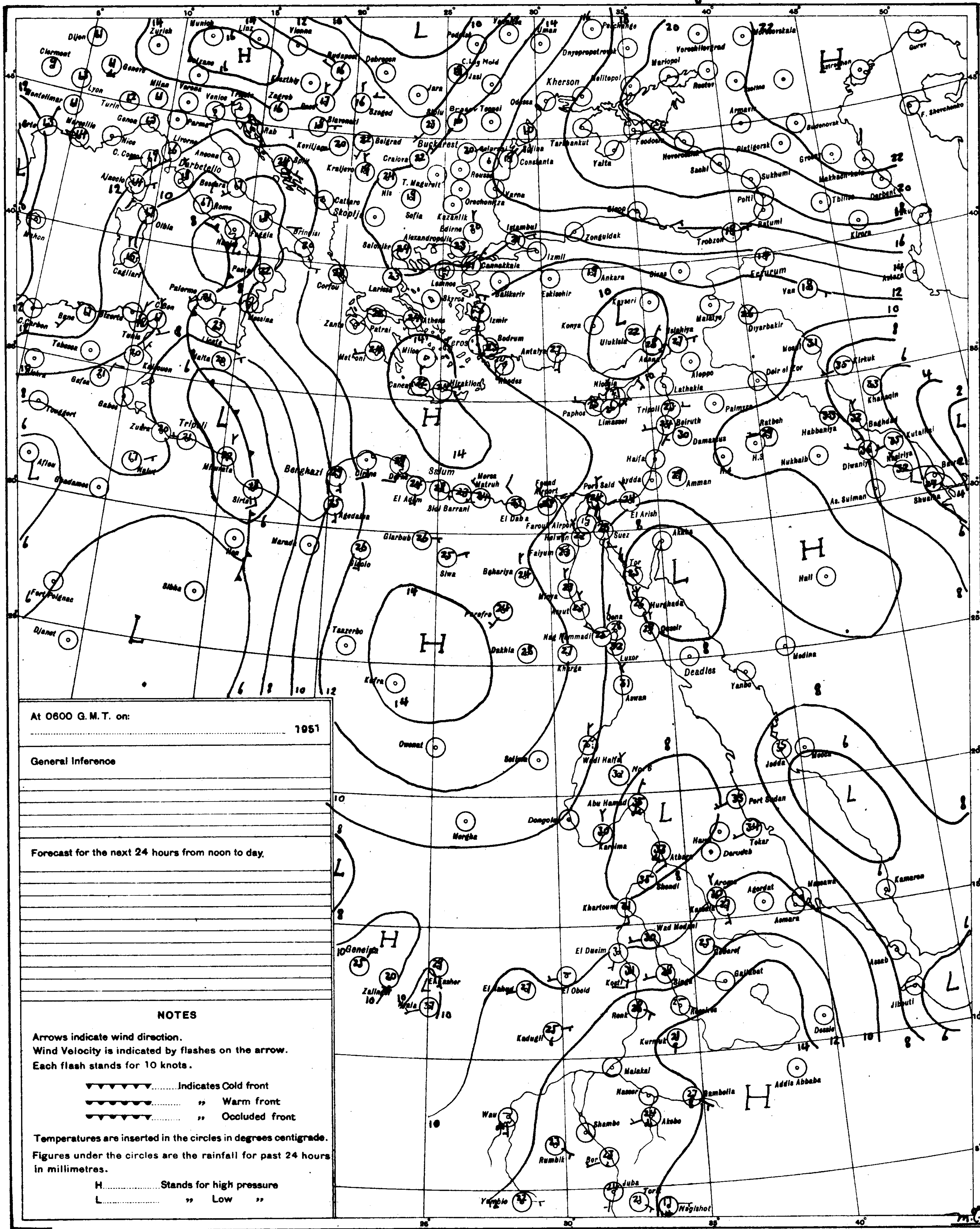
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 29/5/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼▼.......... ,, Warm front
▼▼▼▼▼▼▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	
	State of sky generally unchanged	02	
	Clouds developing	03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 02 55 G.M.T.
" " Sunset 16 50 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 30th May 1951

At 1200 on Tuesday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	360	5	35	00	0	0	–	11.0	29	29	9
	303	SÎDI BARÂNI	60	11	30	00	0	0	–	11.7	25	54	15
	306	MATRÛH	40	6	18	00	0	0	–	12.6	27	40	12
	309	EL DABA	340	8	25	00	0	0	–	12.8	27	33	9
		ALEXANDRIA	360	15	50	00	0	0	–	12.3	24	69	18
	318	FOUAD (Airport)	330	11	18	02	0	0	–	12.1	25	65	18
	330	DAMIETTA	340	5	35	02	0	0	–	11.6	28	45	15
	333	PORT SA'ID	360	9	30	02	0	0	–	11.1	25	65	18
	336	EL 'ARISH	340	8	30	00	1	0	–	10.2	25	70	19
Lower Egypt	339	DAMANHUR	310	5	15	02	0	0	–	12.3	31	31	12
	342	MANSURA	320	9	35	00	1	0	–	11.9	34	27	12
	348	TANTA	00	0	35	02	0	0	–	10.9	32	24	9
	354	ZAGAZIG	320	2	50	02		0	–	10.2	33	30	13
	440	ISMA'ILIA	20	2	35	01	0	0	–	10.2	33	24	10
Cairo Area	366	FAROUK (Airport)	340	4	30	00	0	0	–	11.4	32	20	6
	372	ALMAZA	360	3	15	02	0	0	–	10.3	32	22	8
		EZBEKIYA	00	0	18	00	0	0	–	10.4	32	21	7
		GÎZA	00	0	18	00	0	0	–	10.8	32	24	9
	378	HELWÂN	290	8	15	02	0	0	–	9.8	32	20	6
Upper Egypt	381	FAIYÛM	360	8	35	02	0	0	–	11.1	33	12	0
	387	MINYA	20	13	10	00	0	0	–	10.4	34	15	4
	393	ASYÛT MANQABÂD	310	12	30	00	0	0	–	9.5	34	27	12
	399	NAG' HAMMÂDI	270	3	35	00	0	0	–	8.6	39	17	10
	402	QENA	240	2	50	00	0	0	–	7.2	40	19	12
	405	LUXOR	320	6	30	00	0	0	–	7.2	38	14	6
	414	ASWÂN	340	6	50	00	0	0	–	6.4	40	10	2
Oases	417	SÎWA	180	2	15	00	0	0	–	12.4	36	14	5
	420	BAHARÎYA	360	3	35	02	0	0	–	10.7	34	27	12
	423	FARAFRA	320	1	35	02	0	0	–	11.4	34	13	2
	432	DAKHLA	340	11	50	00	0	0	–	9.0	35	12	1
	435	KHARGA	360	2	35	00	0	0	–	9.1	36	17	7
Red Sea	450	SUEZ	330	4	50	02	0	0	–	8.3	33	14	2
	459	TÛR	310	13	50	02	0	0	–	8.2	32	49	20
	462	HURGHADA	360	9	30	03	0	1	Ac	6.1	28	62	20
	465	QUSEIR	20	9	15	02	0	2	Ci	6.7	29	70	23
	641	PORT SUDAN	80	13	30	01	0	1	Cu, Ac	5.3	36	56	26
North Sudan	600	WÂDI HALFA	350	11	30	02	0	0	–	6.8	39	7	-3
	640	ABU HAMAD	160	3	30	03	2	7	Cu, Ac		41	8	1
	660	KAREIMA	290	6	30	03	0	2	Ac	4.2	42	11	5
	680	'ATBARA	200	4	30	03	2	4	Cu, Ac	3.8	40	17	11
	721	KHARTÛM	310	5	50	03	2	7	Cu, Ac	4.1	38	13	5
	780	KASSALA											
Central Sudan	751	WÂD MEDANI	230	9	35	02	2	7	As	4.4	38	21	12
	801	RENK	130	5	35	02	2	6	Cc, Ci		35	44	21
	802	ROSEIRES	310	5	35	02		2	Cs	5.6	36	42	21
	771	EL OBEID	70	7	30	01	1	3	Cu, Ac	5.8	36	19	9
	760	EL FÂSHER	200	3	30	81	8	6	Sc, Ac		36	27	14
	770	GENEINA	200	3	30	03	2	7	Cu, Ac		33	28	12
S. Sudan	840	MALAKÂL	230	5	30	03	2	6	Ac		33	38	17
	880	WÂU	180		15	02	2	7	As	7.1	30		
	941	JUBA	50	2	30	02	2	6	Cu, Ac, Ci		31	49	19

At 1800 on Tuesday 29th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALŪM	270	2	15	00	0	0	–	11.1	23	50	12	0
303	SÎDI BARÂNI	110	5	15	00	0	0	–	10.8	23	41	9	0
306	MATRÛH	160	2	12	00	0	0	–	12.2	23	61	14	0
309	EL DABA	00	0	7	00	0	0	–	12.5	21	74	16	0
	ALEXANDRIA	40	6	35	00	0	0	–	12.4	21	88	19	0
318	FOUAD (Airport)	340	8	14	02	0	0	–	12.0	22	83	19	0
330	DAMIETTA	320	2	7	02	0	0	–	10.4	22	89	20	0
333	PORT SA'ID	350	9	14	02	0	0	–	11.7	23	84	20	0
336	EL 'ARISH	350	7		00	0	0	–	10.9	23	74	18	0
339	DAMANHUR	360	5	15	02	0	0	–	13.0	22	74	17	0
342	MANSURA	360	5	7	00	0	0	–	11.6	25	61	17	0
348	TANTA	00	0	35	02	0	0	–	12.1	24	69	18	0
354	ZAGAZIG	320	4	35	02	0	0	–	11.1	27	52	16	0
440	ISMA'ILIA	360	5	35	02	0	0	–	11.5	26	48	14	0
366	FAROUK (Airport)	360	15	12	00	0	0	–	11.9	28	42	14	0
372	ALMAZA	30	12	12	00	0	0	–	11.0	28	37	12	0
	EZBEKIYA	350	4	12	00	0	0	–	11.8	27	42	13	0
	GÎZA	250	4	12	00	0	0	–	11.6	27	37	11	0
378	HELWÂN	320	16	7	02	1	0	–	10.6	29	31	10	0
381	FAIYÛM	360	5	35	02	0	0	–	11.5	28	31	9	0
387	MINYA	00	0	10	00	0	0	–	10.6	25	42	11	0
393	ASYÛT MANQABÂD	340	5	12	00	0	0	–	9.7	28	33	10	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	–	8.4	28	45	15	0
402	QENA	240	3	7	00	0	0	–	8.2	31	26	9	0
405	LUXOR	00	0	12	00	0	0	–	7.5	32	21	7	0
414	ASWÂN												
417	SÎWA	00	0	10	00	0	0	–	11.8	30	29	10	0
420	BAHARÎYA	360	3	15	02	0	0	–	11.8	28	52	17	0
423	FARAFRA	360	1	15	02	0	0	–	11.4	31	21	6	0
432	DAKHLA	320	8	50	00	0	0	–	8.3	31	17	3	0
435	KHARGA	00	0	15	00	0	0	–	9.6	30	18	3	0
450	SUEZ	310	4	35	02	0	0	–	10.6	26	30	7	0
459	TÛR	310	24	50	02	0	0	–	6.8	27	70	21	0
462	HURGHADA	340	8	12	00	1	0	–	6.8	30	53	20	0
465	QUSEIR	20	5	15	01	1	0	–	6.9	29	52	18	0
641	PORT SUDAN	00	0	30	01	1	2	Ac	6.3	32	84	29	0
600	WÂDI HALFA	00	0	30	01	2	2	Ac	4.2	37	13	4	0
640	ABU HAMAD												
660	KAREIMA	300	4	30	01	0	0	–	5.1	36	9	-2	0
680	'ATBARA	140	15		13	1	4	Sc	5.3	37	22	12	0
721	KHARTÛM	00	0	30	13	2	7	Cu, Ac	5.6	36	17	7	0
780	KASSALA	180	8	30	13	2	5	Cb, Ac, Ci	8.2	28	55	18	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER	130	16	30	60	8	8	Sc, Ac, Ci				13	0.6
770	GENEINA												
840	MALAKÂL												
880	WÂU												
941	JUBA												

At 0600 on Wednesday 30th

Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
62300	SALŪM	90	2	15	00	0	0	–	11.8	-1.2	28	31	+3	20	+2	40	13	0	91	
303	SÎDI BARÂNI	00	0	30	00	0	0	–	12.0		26	27		16		32	8	0	108	
306	MATRÛH	250	1	14	00	0	0	–	13.0	-0.7	28	29		16		27	7	0	51	
309	EL DABA	160	6	15	00	0	0	–	13.5		26	27		14		37	10	0	54	
	ALEXANDRIA	220	11	50	00	0	0	–	13.8	+0.1	23	26	-1	19	0	74	18	0	63	183
318	FOUAD (Airport)	240	5	14	01	4	0	–	13.6		25	26		14		70	19	0	63	138
330	DAMIETTA	290	5	7	03	0	1	Cu	13.0	+0.8	22	28	+1	16	-3	89	20	0	Rain	105
333	PORT SA'ID	260	5	15	01	1	2	Sc	12.8	+0.5	24	27		20		74	19	0	18	
336	EL 'ARISH	270	3	30	00	0	0	–	12.5	-0.3	26	26	-2			55	16	0	Rain	93
339	DAMANHUR	40	9	18	02	0	0	–	14.0	+0.7	23	32	+1	16	-1	74	18	0	35	101
342	MANSURA	180	5	35	00	0	0	–	12.4	-0.5	26	35	+2	17	0	58	17	0	31	54
348	TANTA	220	2	35	02	0	0	–	12.9	-0.4	24	33	-1	15	-1	69	18	0	23	43
354	ZAGAZIG	00	0	35	02	0	0	–	12.6	-0.4	25	36	+3	17	+1	61	17	0	Rain	27
440	ISMA'ILIA	290	2	35	02	0	0	–	13.0		25	34		19		70	19	0	17	
366	FAROUK (Airport)	290	3	10	00	0	0	–	13.6		24	34		18		61	16	0	Rain	
372	ALMAZA	00	0	10	05	0	0	–	13.0	+0.3	25	33		18		54	15	0	12	
	EZBEKIYA	00	0	12	00	0	0	–	13.6	+0.9	26	34	0	19	+1	55	16	0	11	26
	GÎZA	00	0	12	00	0	0	–	13.0	+0.3	25	34	0	14	-2	54	15	0	11	26
378	HELWÂN	00	0	7	00	0	0	–	12.6	+0.1	24	33	-1	19	0	54	14	0	12	29
381	FAIYÛM	00	0	35	02	0	0	–	13.4	+0.9	26	35	0	18	0	48	14	0	8	8
387	MINYA	350	4	8	00	0	0	–	13.2	+1.5	24	35		14		54	14	0	3	
393	ASYÛT MANQABÂD	330	3	12	00	0	0	–	12.9	+1.3	26	35		19		48	14	0	dr.	
399	NAG' HAMMÂDI	320	2	15	00	0	0	–	12.2	+2.2	27	39	+8	19	0	42	13	0	0.1	
402	QENA	320	2	15	00	0	0	–	11.4	+1.4	30	41	+1	23	+1	31	11	0	2	
405	LUXOR	20	2	30	00	0	0	–	10.8	+1.1	33	40		23		14	8	0	0	
414	ASWÂN	360	7	50	01	0	0	–	10.6	+0.6	30			26	+1	21	5	0	0	
417	SÎWA	80	2	12	00	0	0	–	13.2	-0.8	27	37	+1	19	+1	30	8	0	1	8
420	BAHARÎYA	360	2	35	02	0	0	–	13.4	+0.3	27	35	0	18	0	52	16	0	dr.	7
423	FARAFRA	180	1	35	02	0	0	–	14.2		27	36		22		37	11	0	dr.	
432	DAKHLA	00	0	50	00	0	0	–	12.8	+2.1	29	36	-3	20	-1	29	9	0	0	
435	KHARGA	360	3	15	00	0	0	–	12.6	+2.1	28	36	-3	23	+1	33	10	0	0	
450	SUEZ											35	+1							17
459	TÛR	310	24		02	0	0	–	10.3	+0.5	26	33	+1	23	+1	70	20	0	4	13
462	HURGHADA	320	13	30	00	1	0	–	9.3	-0.7	28	30		23		52	17	0	8	
465	QUSEIR	360	9	15	02	0	0	–	8.6	-0.9	30	31	-1	25	0	46	17	0	dr	4
641	PORT SUDAN	90	2	7	05	0	1	Ac	7.6		36	34		27		37	19	0	155	77
600	WÂDI HALFA											43								
640	ABU HAMAD																			
660	KAREIMA	20	9	50	02	0	0	–	8.2		34	43		27		15	4	0	dr.	2
680	'ATBARA	330	3	30	03	2	4	Ac	7.9		33	42		27		36	16	5?	5	6
721	KHARTÛM	260	3	30	03	1	4	Ac	7.9		33	40		27		30	13	0	7	7
780	KASSALA	180	7	30	01	1	1	Ci	9.6		29	38		24		52	18	0	16	23
751	WÂD MEDANI																			24
801	RENK	230	5	35	02	2	7	Ac	11.6		29	37		26		59	20	0		88
802	ROSEIRES	230	5	35	02	2	0	–	10.0		27	37		23		66	20	5	12	111
771	EL OBEID																			34
760	EL FÂSHER	20	3	30	02	2	4	Ac, Ci			28	37		23		37	12	0.6	9	15
770	GENEINA	00	0	30	02	2	7	Ac			25	36		23		54	15	0		27
840	MALAKÂL																			195
880	WÂU																			363
941	JUBA	180	2	30	15	2	8	Cb, Ac, Cs	12.3		25	31		23		79	21	0	392	455

HUMIDITY % Mean of day

Station	on 29th	Diff. from normal
Alexandria	83	+12
Ezbekiya	61	+10
Giza	64	+14
Helwân	45	+6

GÎZA GRASS MINIMUM TEMP. ON 30th 11.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	..... AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	..... AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 29th

Station	Matruh		Port Said		Fouad A.P.		Minya		Asyut		Farouk A.P.		Luxor		Siwa		Dakhla		Kharga		El Arish		Sidi Barani		Fouad A.P.	
Time	14		14		14		14		14		14		13		14		14		15		15		14		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	350	9	330	12	320	20	360	13	340	10	320	11			320	4	340	12	20	11	320	13	20	7	20	16
600	310	12	340	10	290	16	20	16	330	13	330	11	360	8	380	3	330	8	30	14	340	16	300	9	360	16
1000	300	16	340	6	300	16	360	24	330	16	340	13	310	6	360	2	350	4	30	17	310	8	290	16	10	12
1500	300	20	330	5	310	18	330	25	300	8	350	15	250	13	350	8	350	10	10	14	300	8			320	14
2000	310	31	210	16	320	13			250	11	340	9			320	10					220	16			300	19
3000			220	21	290	16			230	16	240	14									220	17				
4000											230	26														
5000											240	26														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4				2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			180	20			210	4					10	18									
600			260	5			250	12					360	16									
1000			260	15			280	7					360	16									
1500			300	19			300	16															
2000			310	15			290	29															
3000			310	29			320	24															
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time							8		3				4				3				4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	10	20	16														
600							10	12	30	26			30	13			170	13						
1000							10	14	20	31			70	8			190	11			30	3		
1500							20	12	40	13			50	5			10	3			170	3		
2000									140	8							50	3						
3000									170	13			110	5							90	20		
4000																					70	19		
5000									240	17														
6000									270	18														
7000																								
8000																								

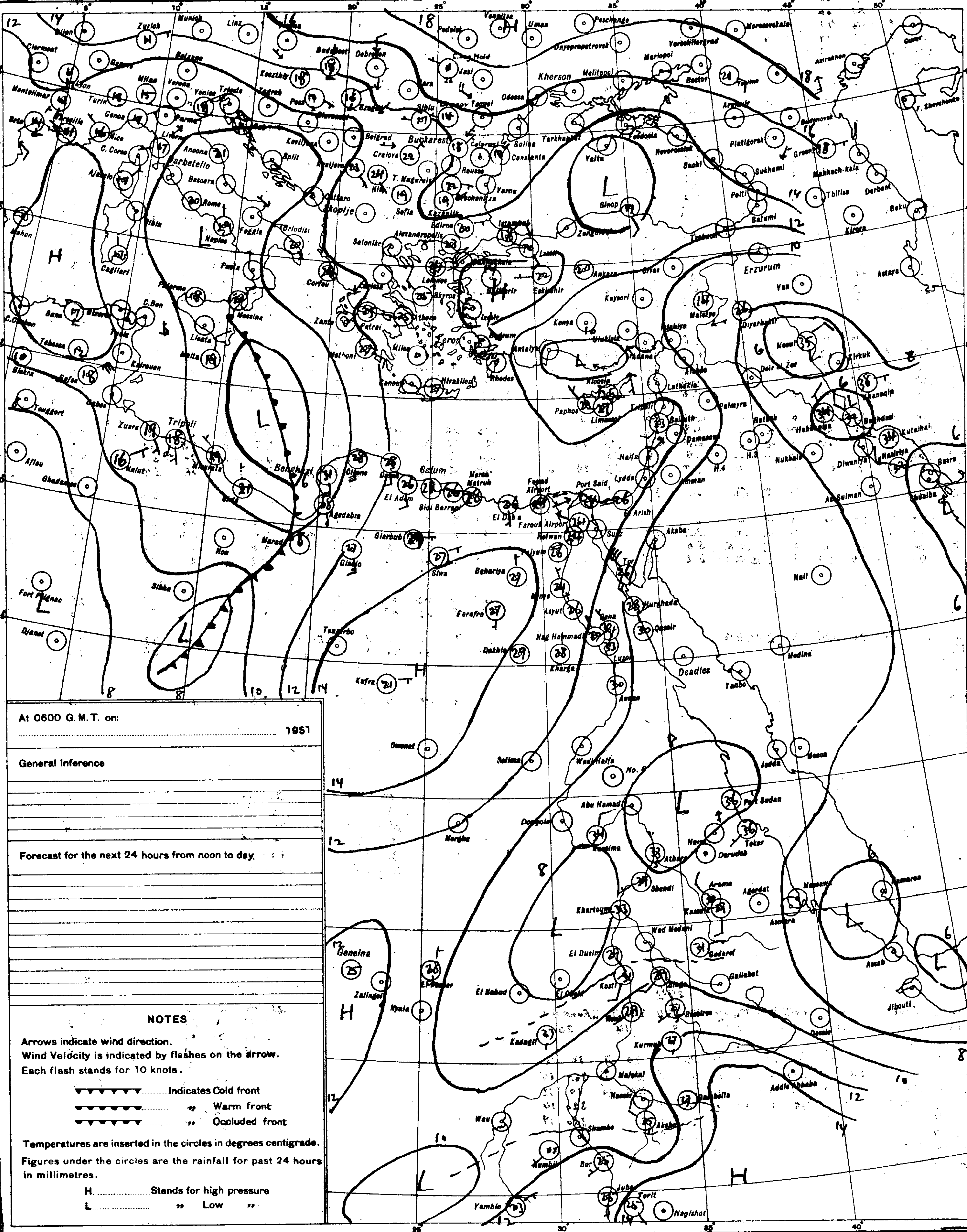
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 30/5/1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H....................Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

J. Searsar

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 55 G.M.T.

" " Sunset 16 50 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Thursday 31st May 1951

At 1200 on Wednesday 30th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	310	5	35	00	1	1	Cs	10.7	28	45	15
	303	SÎDI BARÂNI	70	10	30	03	0	2	Ci	11.6	28	40	13
	306	MATRÛH	80	9	18	00	0	0	–	12.3	31	28	10
	309	EL DABA	40		35	00	0	0	–	12.4	28	33	10
		ALEXANDRIA	360	10	50	00	0	0	–	13.4	26	55	16
	318	FOUAD (Airport)	340	8	18	02	0	0	–	13.4	27	52	16
	330	DAMIETTA											
	333	PORT SA'ID	350	14	30	02	0	0	–	12.9	25	74	20
	336	EL 'ARISH	350	1	30	00	0	0	–	12.1	25	84	22
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	–	13.1	31	38	15
	342	MANSURA	360	5	35	00	0	0	–	12.8	34	32	15
	348	TANTA	310	5	35	02	0	0	–	12.3	33	24	10
	354	ZAGAZIG	320	2	35	02	0	0	–	11.8	34	36	17
	440	ISMA'ILIA	320	5	35	02	0	0	–	11.9	34	32	15
Cairo Area	366	FAROUK (Airport)	320	8	30	00	0	0	–	12.7	33	21	8
	372	ALMAZA	360	10	15	02	0	0	–	11.9	34	22	9
		EZBEKIYA	00	0	18	00	0	0	–	12.4	33	24	11
		GIZA	00	0	18	00	0	0	–	12.4	33	21	8
	378	HELWAN	320	11	15	02	0	0	–	11.6	33	16	4
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	–	11.7	35	15	5
	387	MINYA	360	8	10	00	0	0	–	11.9	36	14	5
	393	ASYUT MANQABAD	360	12	30	00	0	0	–	10.4	37	22	12
	399	NAG' HAMMADI	270	3	35	00	0	0	–	9.0	38	16	8
	402	QENA	320	2	50	00	0	0	–	8.4	42	15	10
	405	LUXOR	320	8	30	00	0	0	–	8.1	40	14	8
	414	ASWAN	20	6	50	01	1	2	Ci	6.8	41	8	0
Oases	417	SIWA	200	5	14	00	0	0	–	12.8	39	11	3
	420	BAHARIYA	360	3	35	02	0	0	–	11.6	37	22	12
	423	FARAFRA	00	0	35	02	0	0	–	12.4	37	10	0
	432	DAKHLA	340	11	50	00	0	0	–	10.3	38	13	5
	435	KHARGA	360	4	15	00	0	0	–	9.5	38	16	8
Red Sea	450	SUEZ	360	9	50	02	0	0	–	10.0	33	21	8
	459	TOR	310	9	50	02	0	0	–	8.7	30	52	19
	462	HURGHADA	360	13	30	00	0	0	–	7.4	29	59	20
	465	QUSEIR	360	9	15	00	0	2		7.8	30	66	23
	641	PORT SUDAN	50	9	7	05	0	1	Ac	5.7	35	53	24
North Sudan	600	WADI HALFA	310	13	30	02	0	0	–	7.5	40	15	9
	640	ABU HAMAD	350	1	30	03	1	3	Cu, Ac	4.1	43	16	12
	660	KAREIMA	20	1	30	03	0	2	Ac	4.0	44	14	11
	680	'ATBARA	230	2	30	03	1	1	Cu	3.9	41	16	10
	721	KHARTUM	130	4	30	03	1	2	Cu, Ci	4.8	40	20	13
	730	KASSALA	350	6	30	02	0	0	–	3.1	40	20	13
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Cu	4.6	39	24	14
	801	RENK	130	2	35	01	2	4	Cu	5.5	38	45	24
	802	ROSEIRES	310	9	35	02	1	3	Cs	4.6	38	25	15
	771	EL OBEID	80	9	30	03	1	5	Cu, Ac	3.6	39	12	4
	760	EL FASHER	50	8	30	03	0	3	Cu		37	20	11
	770	GENEINA	180	2	30	03	1	4	Cu, Ac		35	20	9
S. Sudan	840	MALAKAL	180	2	10	02	2	7	Cu, Ac	6.0	36	33	17
	880	WAU	180	2	30	03	1	3	Cu, Ac	6.2	35	39	19
	941	JUBA	50	9	30	15	2	7	Cb, Cs	7.4	33	53	22

At 1800 on Wednesday 30th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	40	2	15	00	0	0	–	10.2	27	52	16	0
SIDI BARANI	100	9	18	00	0	0	–	9.9	26	45	13	0
MATRUH	150	5	12	00	0	0	–	11.5	24	41	10	0
EL DABA	00	0	7	00	0	0	–	12.4			15	0
ALEXANDRIA	40	10	35	00	0	0	–	12.7	23	50	12	0
FOUAD (Airport)	30	7	12	02	0	0	–	12.5	22	65	15	0
DAMIETTA	340	5	7	00	0	0	–	12.2	22	83	19	0
PORT SA'ID	350	8	14	02	0	0	–	12.7	23	74	18	0
EL 'ARISH	300	8	12	03	0	1	Cu	12.2	22	78	18	
DAMANHUR	40	5	15	02	0	0	–	12.7	24	61	16	0
MANSURA	40	5	15	00	0	0	–	12.0	25	54	15	0
TANTA	00	0	35	02	0	0	–	12.3	25	61	17	0
ZAGAZIG	320	4	35	02	0	0	–	12.0	27	52	16	0
ISMA'ILIA	40	2	35	02	0	0	–	12.3	25	54	15	0
FAROUK (Airport)	20	11	12	00	0	0	–	12.4	30	38	14	0
ALMAZA	70	12	12	00	0	0	–	11.8	30	31	11	0
EZBEKIYA	00	0	12	00	0	0	–	11.8	29	27	13	0
GIZA	00	0	12	00	0	0	–	11.4	30	31	11	0
HELWAN	360	9	15	02	0	0	–	11.4	30	35	8	0
FAIYUM	00	0	35	02	0	0	–	12.0	30	25	8	0
MINYA	00	0	14	00	0	0	–	11.7	27	37	11	0
ASYUT MANQABAD	360	10	10	00	0	0	–	10.8	31	28	10	0
NAG' HAMMADI	00	0	15	00	0	0	–	8.8	29	23	6	0
QENA	320	2	7	00	0	0	–	7.9	35	22	10	0
LUXOR	00	0	12	00	0	0	–	8.6	32	22	8	0
SIWA	160	2	10	00	0	0	–	12.0	33	23	9	0
BAHARIYA												
FARAFRA												
DAKHLA	360	2	50	00	0	0	–	10.3	34	14	3	0
KHARGA												
SUEZ	00	0	35	02	0	0	–	11.6	26	42	12	0
TOR	310	9		02	0	0	–	9.1	31?	43	17	0
HURGHADA	310	15	30	00	0	0	–		31?	38?	15	0
QUSEIR	20	5	15	01	0	0	–	7.8	29	66	22	0
PORT SUDAN	00	0	7	05	0	0	–	5.7	33	44	19	0
WADI HALFA												
ABU HAMAD	180	2	30	05	2	7	Ac	5.2	39	21	13	0
KAREIMA	10	13	30	02	1	3	Ac	4.4	39	16	9	0
'ATBARA	00	0	30	01	0	1	Ac	3.8	38	21	12	0
KHARTUM	00	0	50	01	0	0	–	4.2	37	24	13	0
KASSALA	340	2	30	02	0	0	–	4.0	33	23	9	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	03	0	4	Ac	4.9	34	20	8	0
EL FASHER									33	14	2	0
GENEINA	230	8	10	13	1	8	Cb, Ac, Cs		26	48	14	0
MALAKAL	230	4	30	13	2	8	Cb, Ac, Cs	7.8	29	52	18	0
WAU	20	1	30	13	0	1	Cb, Cs	7.0	31	52	20	0
JUBA	180	5	30	13	0	7	Cb	10.3	23	94	22	1

At 0600 on Thursday 31st May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	190	19	15	07	3	0	–	8.2	-4.8	28	31	+3	27	+9	33	10	0	91	
SIDI BARANI	270	18	10	07	0	0	–	8.3		27	30		23		37	11	0	108	
MATRUH	210	18	14	00	0	0	–	9.3	-4.3	30	32		20		29	10	0	51	
EL DABA	160	9	15	00	0	0	–	9.6		27			16?		33	9	0	54	
ALEXANDRIA	160	10	50	00	0	0	–	11.6	-2.0	25	27	0	19	0	42	11	0	63	185
FOUAD (Airport)	170	6	15	02	0	0	–	10.4		25	28		16		47	13	0	63	138
DAMIETTA	180	2	7	00	0	0	–	12.0	-0.5	25	27	0	17	-2	70	19	0	Rain	105
PORT SA'ID	180	8	18	02	0	0	–	11.4	-0.9	25	27		21		70	19	0	18	
EL 'ARISH	220	8	35	02	0	0	–	12.6	-0.2	26	26	-2	18	+2	55	16	0	Rain	93
DAMANHUR	230	5	15	02	0	0	–	12.7	-0.5	26	32	+1	19	+2	48	14	0	35	181
MANSURA	140	5	35	00	0	0	–	12.3	-0.5	26	35	+2	17	0	62	18	0	31	54
TANTA	180	2	35	02	0	0	–	12.0	-1.2	26	34	0	17	+1	48	14	0	23	43
ZAGAZIG	140	2	35	02	0	0	–	11.5	-1.4	26	36	+3	19	+3	62	18	0	Rain	27
ISMA'ILIA	140	2	35	02	0	0	–	11.6		26	35		19		62	18	0	17	
FAROUK (Airport)	90	3	18	00	0	0	–	12.2		30	35		21		33	12	0	Rain	
ALMAZA	30	2	15	00	0	0	–	11.6	-1.1	28	34		20		27	7	0	12	
EZBEKIYA	00	0	12	00	0	0	–	11.5	-1.2	28	34	0	20	+2	37	12	0	11	26
GIZA	00	0	12	00	0	0	–	11.4	-1.2	28	35	+1	15	-1	45	15	0	11	26
HELWAN	00	0	7	05	0	0	–	11.5	-1.0	25	34	0	22	+3	42	11	0	12	29
FAIYUM	00	0	35	02	0	0	–	11.9	-0.6	27	37	+2	19	0	52	16	0	8	8
MINYA	180	2	8	00	0	0	–	12.3	+0.6	26	37		17		42	12	0	3	
ASYUT MANQABAD	280	4	12	00	0	0	–	12.5	+1.0	28	38		22		31	9	0	dr.	
NAG' HAMMADI											39	+2							
QENA	320	2	15	00	0	0	–	10.8	+0.9	28	44	+4	23	+1	33	10	0	2	
LUXOR	120	4	30	00	0	0	–	10.2	+0.5	31	43		22		19	5	0	0	
ASWAN																			
SIWA	00	0	13	00	0	0	–	12.2	-1.8	30	40	+4	20	+2	19	4	0	1	8
BAHARIYA																			7
FARAFRA																			
DAKHLA	360	2	50	00	0	0	–	13.8	+2.2	30	39	0	21	0	25	8	0	0	
KHARGA																			
SUEZ											35	+1							17
TOR	340	13	7	02	0	0	–	9.9	+0.2	26	32	0	24	+2	70	20	0	4	13
HURGHADA	330	2	30	00	0	0	–	8.7	-1.2	28	32		24		58	19	0	8	
QUSEIR	360	9	15	02	0	0	–	8.6	-1.0	29	31	-1	26	+1	66	22	0	dr.	4
PORT SUDAN	360	12	30	02	0	0	–	6.7		35	39		28		32	16	0	155	97
WADI HALFA	360	12	30	02	0	0	–	9.9		30	41		23		13	-1	0	dr.	
ABU HAMAD	360	12	30	01	0	1	Ac			37	44		31		8	-3	0		
KAREIMA	20	3	30	02	1	3	Ac	6.9		34	45		29		12	1	0	dr.	2
'ATBARA	340	13	10	07	0	1	Cs	4.2		37	42		29		20	11	0	5	6
KHARTUM	190	5	50	01	0	0	–	6.3		34	41		28		15	4	0	7	7
KASSALA	180	8	30	02	0	0	–	6.9		31	41		24		42	17	0	16	23
WAD MEDANI	230	9	35	02	0	0	–	8.0		32	40		26		43	18	0	51	24
RENK	230	5	35	61	6	8	Ac	11.2		25	40				79	21	Rain		89
ROSEIRES	130	9	35	02	2	5	Ci	9.8		27	39		22		70	21	10	22	113
EL OBEID											40								35
EL FASHER	330	5	30	01	1	1	Ac, Ci			27	38		21		33	9	0	9	15
GENEINA	200	1	30	01	1	2	Cs			25	37		21		51	14	0		28
MALAKAL	110	17	30	03	2	8	Ac, Cs	11.7		27	37		23		66	20	0	144	197
WAU	230	5	30	03	2	7	Ac	9.2		26	37		24		74	21	0	235	368
JUBA	180	5	30	03	0	2	Ac, Ci	11.1		26	33		22		79	22	1	393	460

HUMIDITY % Mean of day

Station	on 30th	Diff from normal
Alexandria	65	-6
Ezbeklya	43	-8
Giza	41	-9
Helwan	35	-4

GIZA GRASS MINIMUM TEMP. ON 31st 11.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 30th

Height m.	Matruh Dir.	Matruh Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	Port Said Dir.	Port Said Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.	Minya Dir.	Minya Vel.	Luxor Dir.	Luxor Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Barran Dir.	S. Barran Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.	P. Said Dir.	P. Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		15		14		14		14		14		14		14		20		20		20	
300	40	5	340	10	340	11	330	13	360	25	300	8	20	19	10	15	340	27	270	7	50	12	10	10	30	26
600			310	15	330	23	330	14	360	24	300	10	20	22	10	19	340	26	300	14	20	9	20	7	10	33
1000			290	16	310	18	330	12	340	35	300	11	20	27	10	18	330	26	270	13	330	12	30	9	10	22
1500			310	25	300	10	330	12	330	35	320	12	10	20							330	16	60	7	350	30
2000			310	25	280	11	320	19																		
3000			320	36?			320	28																		
4000							290	27																		
5000							310	25																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 31st

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Farouk A.P. Dir.	Farouk A.P. Vel.
Station																								
Time			4		2		2						2										3	
300			140	19	150	14	240	5					20	9									60	10
600			180	19	80	4	320	14					360	12									20	12
1000			230	11	60	3	330	16					330	25									10	17
1500			220	25			10	33					340	29									340	23
2000			240	32			10	47																
3000			230	24																				
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Station																								
Time									4		4		4				3		4		5		3	
300									20	15														
600									30	28	10	27	30	11			190	18					190	5
1000									20	27	30	19	20	26			210	25	240	19	290	7	200	11
1500									20	14	50	5	50	23			180	6	260	11	50	19	200	5
2000													80	16			20	10	310	6				
3000									210	5	360	5	70	12			10	11	70	13	90	5	50	8
4000													100	6										
5000													90	4									70	9
6000													200	7										
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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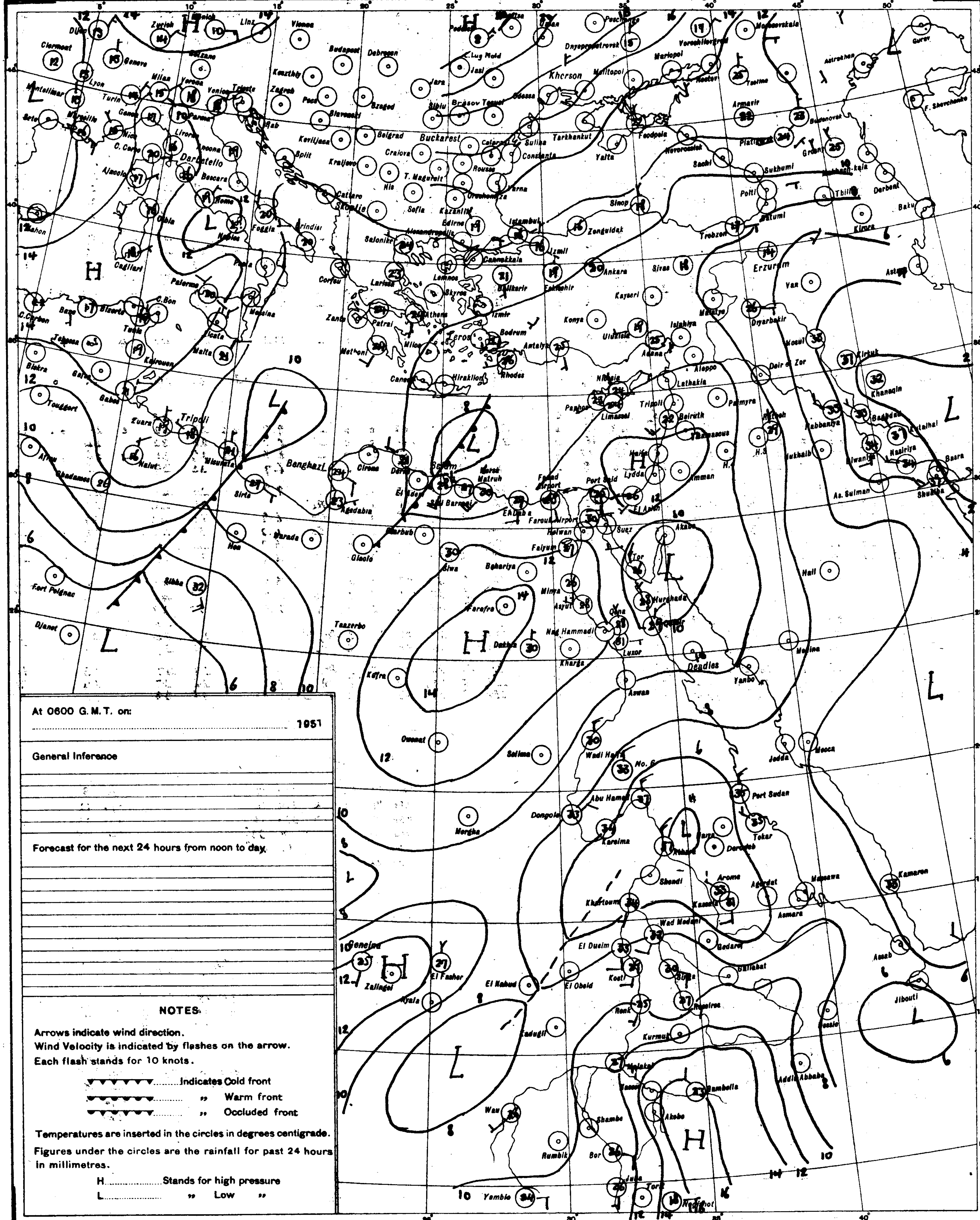
Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 31/5/1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES.

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
,, Warm front
,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain } Thunderstorm during 91
- Hail } the past hour 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze (vis less than 1000 m.) 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

AUG 7 1951 WEATHER BUREAU

CAIRO

Time of Sunrise 02 54 G. M. T.

" " Sunset 16 51 G. M. T.

DAILY WEATHER REPORT

Date: Friday 1st June 1951

At 1200 on Thursday 31st May

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	9	15	00	0	1	Ci	9.5	33	30	13
	303	SÎDI BARÂNI	310	13	15	00	0	0	—	9.2	24?	69	18
	306	MATRÛH	340	24	4	07	0	0	—	8.1	25?	79	21
	309	EL DABA	320	14	35	00	0	0	—		30	31	11
		ALEXANDRIA	40	15	50	00	0	0	—	7.6			15
	318	FOUAD (Airport)	10	9	14	02	0	0	—	8.0	36	20	10
	330	DAMIETTA											
	333	PORT SA'ID	40	9	30	02	0	0	—	9.5	28	58	19
	336	EL 'ARISH	360	8	30	00	0	0	—	9.5	27	62	19
Lower Egypt	339	DAMANHUR											
	342	MANSURA	220	5	35	00	0	0	—	9.8	38	24	14
	348	TANTA	00	0	35	02	0	0	—	9.5	38	16	8
	354	ZAGAZIG	40	3	35	02	0	0	—	7.2	35	42	20
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	290	11	14	00	0	0	—	9.5	38	13	5
	372	ALMAZA	290	11		00	0	0	—	8.9	37	8	-3
		EZBEKIYA	00	0	18	00	0	0	—	9.0	38	17	9
		GIZA	00	0	18	00	0	0	—	9.3	39	14	7
	378	HELWÂN	00	0	35	02	0	0	—	8.6	37	14	6
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	9.8	38	19	11
	387	MINYA	00	0	10	00	0	0	—	9.8	39	15	8
	393	ASYÛT MANQADÂD	320	10	30	00	0	0	—	9.4	39	8	-1
	399	NAG' HAMMÂDI	270	3	35	00	0	0	—	7.8	39	14	7
	402	QENA	360	2	50	00	0	0	—	7.1	43	8	1
	405	LUXOR	320	8	30	00	0	0	—	6.7	42	9	9
	414	ASWÂN	340	6	50	00	0	0	—	5.1	42	9	3
Oases	417	SÎWA	340	10	14	00	0	0	—	10.6	41	7	-1
	420	BAHARÎYA	270	3	35	02	0	0	—		41	20	14
	423	FARAFRA	270	1	35	02	0	0	—	9.8	43	17	13
	432	DAKHLA	340	11	50	00	0	0	—	8.5	41	14	9
	435	KHARGA	00	0	35	00	0	0	—	8.3	41	14	8
Red Sea	450	SUEZ	00	0	50	02	0	0	—	8.6	35	19	8
	459	TÛR	340	13	35	02	0	0	—	6.6	31	43	17
	462	HURGHÂDA	350	13	30	00	0	0	—	6.3	31	46	18
	465	QUSEIR											
	641	PORT SUDÂN	30	21	2	07	0	0	—	3.3	38	38	21
North Sudan	600	WÂDI HALFA	30	13	30	02	0	0	—	5.6	42	7	-1
	640	ABU HAMAD	300	4	30	03	0	3	Cu,Ac,Ci	1.5	45	21	5
	660	KAREIMA	90	3	50	01	0	2	Ac	2.5	44	13	9
	680	'ATBARA	340	7	30	03	1	3	Cu	1.2	44	12	8
	721	KHARTUM	250	3	30	03	0	2	Cu	2.2	42	11	5
	730	KASSALA	250	2	30	02	0	0	—	1.3	42	18	13
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	190	18	30	03	1	6	Ac	5.5	31	41	16
	760	EL FÂSHER	70	3	30	02	0	1	Ci		37	8	-3
	770	GENEINA	100	1	30	03	1	4	Cu,Ca		37	10	0
S. Sudan	840	MALAKÂL	180	7	30	03	6	8	Cu,Ac,Cb	7.6	31	52	20
	880	WÂU	300	4	30	02	1	5	Cb,Ci	4.1	37	33	18
	941	JUBA	130	5	30	95	9	7	Cb,Ac,Cs	9.1	26	79	22

At 1800 on Thursday 31st May

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	00	0	15	00	0	1	Ci	8.8	34	69	18	0
SÎDI BARÂNI												
MATRÛH	320	5	12	00	0	0	—	9.4	22	89	20	0
EL DABA	320	5	7	00	0	0	—	8.1	25	69	20	0
ALEXANDRIA	40	13	35	00	0	0	—	5.9	26	62	18	0
FOUAD (Airport)	40	11	15	02	0	0	—	6.3	26	55	16	0
DAMIETTA	110	2		02	0	0	—	6.5	21	88	19	0
PORT SA'ID	70	17	12	02	0	0	—	6.3	25	49	20	0
EL 'ARISH	100	7	12	00	0	0	—	8.2	23	74	18	0
DAMANHUR	360	9	15	02	0	0	—	7.0	24	69	18	0
MANSURA	90	5		00	0	0	—	7.1	27	33	9	0
TANTA	00	0	35	02	0	0	—	6.8	29	40	14	0
ZAGAZIG	40	6	35	02	0	0	—		27			0
ISMA'ILIA	90	2	15	02	0	0	—	6.6	30	25	8	0
FAROUK (Airport)	110	10	12	00	0	0	—	6.3	34	23	10	0
ALMAZA	100	10	12	02	0	0	—	5.5	35	16	6	0
EZBEKIYA	00	0	12	00	0	0	—	6.2	30	35	13	0
GIZA	00	0	12	00	0	0	—	6.3	30	35	13	0
HELWÂN	160	4	15	02	0	0	—	5.5	35	12	1	0
FAIYÛM	00	0	35	02	0	0	—	5.5	33	24	10	0
MINYA	00	0	8	00	0	0	—	6.7	31	31	12	0
ASYÛT MANQADÂD	160	3	12	00	0	0	—	7.2	34	40	4	0
NAG' HAMMÂDI												
QENA	290	2	7	00	0	0	—	7.1	36	17	7	0
LUXOR	320	7	12	00	0	0	—	5.9	36	20	10	0
ASWÂN	350	4	15	00	0	0	—	6.0	38	13	5	0
SÎWA	340	10	10	03	0	2	Ac	9.2	36	20	10	0
BAHARÎYA	270	3	15	02	0	0	—	8.2	33	24	10	0
FARAFRA	290	1	15	02	0	0	—	7.9	33	16	4	0
DAKHLA	320	4	50	00	0	0	—	7.9	38	13	5	0
KHARGA	00	0	15	00	0	0	—	8.7	34	14	3	0
SUEZ												
TÛR	310	13		02	0	0	—	5.9	27	62	19	0
HURGHÂDA	310	6	30	00	0	0	—	4.7	30?	29	11	0
QUSEIR	330	5	15	02	0	0	—	5.7	30	46	17	0
PORT SUDÂN												
WÂDI HALFA	360	3	30	02	0	0	—	5.2	34	9	-3	0
ABU HAMAD	350	1	30	01	1	2	Ac	2.1	38	14	6	0
KAREIMA	340	5	30	02	0	0	—	2.3	38	15	7	0
'ATBARA	50	4	30	03	8	5	Sc,Ac	0.8	40	13	7	dr.
KHARTUM	210	7	30	13	0	2	Cb,Ac	1.8	38	18	10	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	270	2		01	2	4	Ac	9.6	25	74	20	1
EL FÂSHER	00	0	30	63	9	8	Ac	8.9	22	94	21	Rain
GENEINA	00	0								34	21	8
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 1st June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	140	2	15	03	1	3	Ci	7.8	-5.2	25	36	+8	21	+3	70	19	0	91	
SÎDI BARÂNI																			
MATRÛH	330	6	14	00	0	0	—	7.6	-6.0	23	36		15		65	16	0	51	
EL DABA	290	2	15	00	0	0	—	7.4		24			16		69	18	0	54	
ALEXANDRIA	270	9	50	01	1	2		6.8	-6.8	25	37	+10	20	+1	70	19	0	63	186
FOUAD (Airport)	230	8	18	02	0	0	—	6.6		27	39		18		52	16	0	63	138
DAMIETTA	200	2	15	00	0	0	—	6.6	-5.9	27	35	+5	18	-1	52	16	0	Rain	106
PORT SA'ID	270	4	30	02	0	0	—	6.2	-6.1	27	32		23		55	17	0	18	
EL 'ARISH	290	3	30	00	0	0	—	5.2	-7.5	25	29	+1	16	0	70	19	0	Rain	94
DAMANHUR	40	5	7	02	0	0	—	5.0	-8.2	27	40	+9	20	+3	52	16	0	35	101
MANSURA	360	5	35	00	0	0	—	6.6	-6.1	29	39	+6	20	+2	46	16	0	31	55
TANTA	00	0	35	02	0	0	—	7.2	-6.0	27	39	+5	17	+1	42	13	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	6.8	-6.1	26	36	+3	19	+2	70	20	0	Rain	27
ISMA'ILIA	240	2	35	02	0	0	—	6.7		27	37		21		70	21	0	17	
FAROUK (Airport)	200	3	12	00	0	0	—	7.4		26	39		21		70	20	0	Rain	
ALMAZA	00	0	13	00	0	0	—	6.9	-5.7	26	38		21		58	17	0	12	
EZBEKIYA	00	0	12	00	0	0	—	6.7	-5.9	27	39	+5	21	+3	58	17	0	11	26
GIZA	00	0	12	00	0	0	—	6.3	-6.3	27	41	+7	18	+2	55	17	0	11	26
HELWÂN	00	0	7	00	0	0	—	5.9	-6.6	26	40	+6	21	+2	55	16	0	12	29
FAIYÛM	00	0	35	02	0	0	—	7.4	-5.0	28	40	+5	21	+2	45	15	0	8	8
MINYA	20	4	8	00	0	0	—	6.8	-4.8	28	41		18		49	16	0	3	
ASYÛT MANQADÂD			10	00	0	0	—	7.0	-4.5	28	40		23				0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—			26			18	-2	48	14	0	0	
QENA	320	3	15	00	0	0	—	7.0	-2.9	30	45	+5	23	+1	25	8	0	2	
LUXOR	250	9	30	00	0	0	—	5.9	-3.7	34	44		22		20	8	0	0	
ASWÂN	00	0	50	00	0	0	—	6.7	-2.2	30	42	+1	26	+1	35	13	0	0	
SÎWA											41	+5							8
BAHARÎYA	00	0	35	02	0	0	—	8.4	-4.6	30	43	+7	21	+3	35	13	0	dr.	
FARAFRA	220	1	35	02	0	0	—	8.4		30	43				21	5	0	dr.	
DAKHLA	00	0	50	00	0	0	—	8.3	-3.3	23	42	+3	24	+3	24	10	0	0	
KHARGA	00	0	35	00	0	0	—	7.9	-2.4	29	41	+2	22	-1	23	6	0	0	
SUEZ	20	5	50	00	0	0	—	5.5	-6.4	28			22	+2	45	15	0	5	17
TÛR	310	2	35	02	0	0	—	4.2	-5.5	31	34	+2	22	0	52	20	0	4	13
HURGHADA	340	2	30	00	0	0	—	3.1	-6.7	28	33		23		55	18	0	8	
QUSEIR	180	9	15	02	0	0	—	3.3	-6.3	33	3[illegible]	+1	25	0	50	21	0	dr.	4
PORT SUDÂN																			97
WÂDI HALFA											43								
ABU HAMAD	360	5	30	02	0	1	Ac	4.8		34	46				9	-4	0		
KAREIMA	50	15	10	02	0	0	—	5.0		35	45				16	6	0	dr.	2
'ATBARA	350	8	30	01	2	3	Ac	3.8		35	45				23	11	0	5	7
KHARTUM	150	17	30	01	0	4	Ac,Ci	5.2		33	43				34	15	0	7	8
KASSALA	200	8	30	01	0	0	—	5.4		31	42		27		38	15	0	16	24
WÂD MEDANI	180	13	35	02	2	0	—	5.9		31	42		24		43	17	0	51	25
RENK	120	5	35	02	1	6	Ac			30	37		24		59	21	dr.		90
ROSEIRES																			113
EL OBEID																	dr	10	36
EL FÂSHER	00	0	30	02	2	8	Cs			27	39		21		43	13	0	9	16
GENEINA											39								29
MALAKÂL											32								200
WÂU	180	7	30	01	1	4	Ac			23	37		21		94	22	46	281?	373
JUBA											31								464

UPPER AIR OBSERVATIONS

Humidity % Mean of day — Station	on 31st	Diff. from normal
Alexandria	52	-19
Ezbeklya	35	-16
Giza	35	-15
Helwân	24	-15

GIZA GRASS MINIMUM TEMP ON 1st June 11.4°C.

Remarks

Aeroplane Ascent — On ... At

Pressure mbs	Height above M.S.L. metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 31st

Station	Matruh		Fouad A.P.		Port Said		Farouk A.P.		Siwa		Minya		Asyut		Luxor		Dakhla		Kharga		Hurghada		El Arish			
Time	14		14		14		14		14		14		14		15		14		14		14		14			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	24	40	10	350	5	10	10	300	11	310	10	320	8	310	22	340	9	20	5	320		340	10		
600	360	19	90	4	280	10	20	3	290	9	300	11	310	13	310	30	330	10	20	7	330	33	300	7		
1000	320	28	270	11	280	11	320	3	310	13	300	13	310	16	310	20	340	16	20	9	330	31	310	13		
1500			250	16	290	29	270	6	310	18	300	8	320	18	330	23	350	12			340	31	290	15		
2000					300	5	270	12	320	23	290	10	330	18							330	32	310	20		
3000									320	36?													310	29		
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 1st June

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqadâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			4		8		8						8		8		8 15						8 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			290	7	290	11							240	3	320	3	340	9					350	6
600			230	11	310	10	310	9					40	2	20	13	350	12					330	11
1000			300	14	290	19	300	11							10	20	350	19					300	12
1500			280	17			290	13							340	24							300	19
2000			290	21											350	23							310	22
3000			300	26																			290	25
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8				4		4				3				5		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	230	22	300	23	210	3	20	3																
600	260	24	300	22	250	2	360	18			20	19	40	25			170	18					200	7
1000	290	26	300	23			360	32			30	22	40	26			190	25			360	1	160	16
1500	300	30	300	18							30	25	40	21			230	19			50	4	170	6
2000	310	36	300	17									10	13										
3000	320	43									100	9	10	9			150	6			80	17	70	12
4000	320	54																			100	21		
5000													240	3										
6000																								
7000																								
8000																								

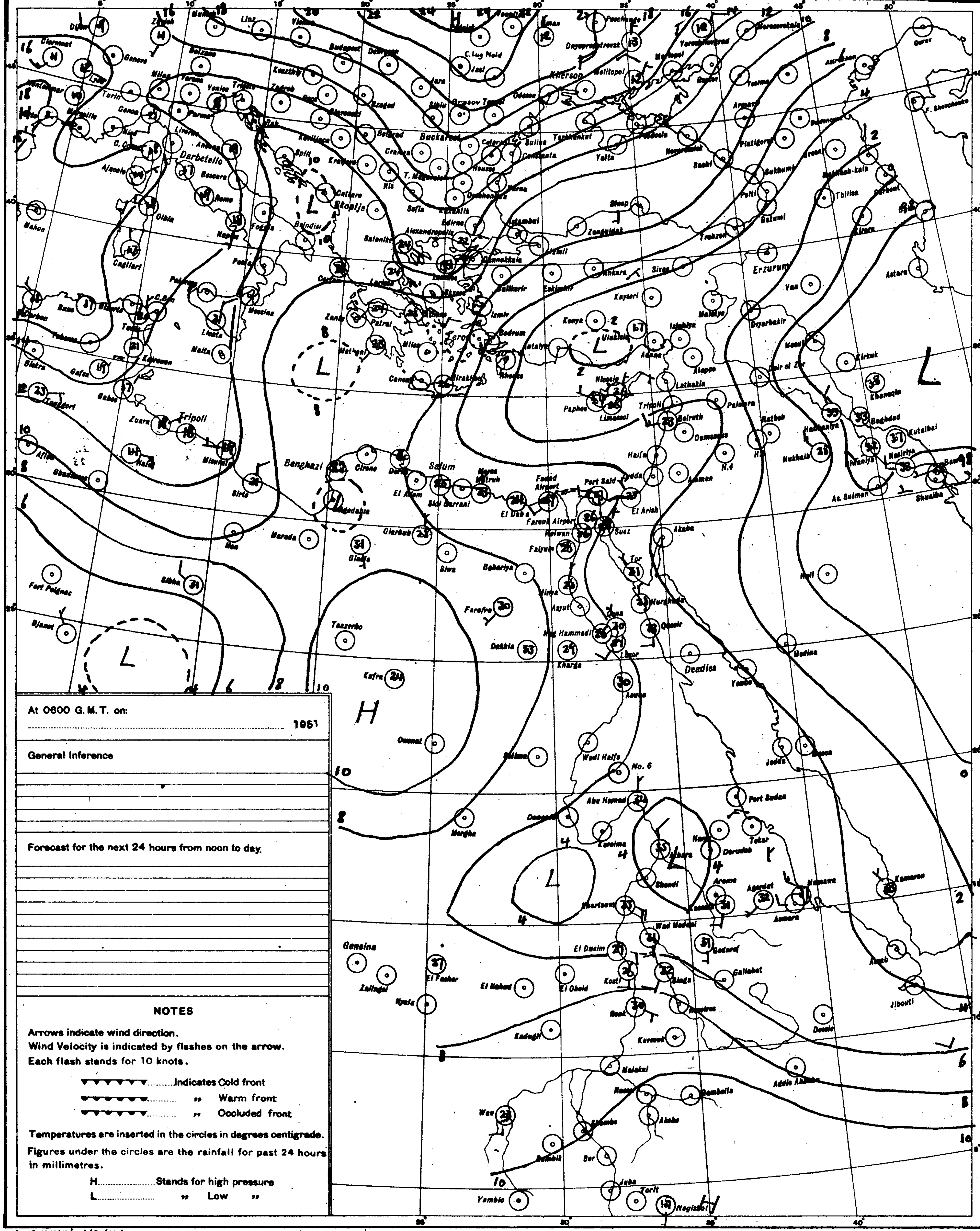
Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/511)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON First of June 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ ....Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03
Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17
During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain / Hail } Thunderstorm during the past hour .... 91 / 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 51 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Saturday 2nd June 1951

At 1200 on Friday 1st June

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	360	9	35	00	1	2	Ac		28	62	20
	303	SIDI BARANI	380	13				1	As	7.3	24	69	18
	306	MATRUH	10	12	18	00	0	0	—	6.3	26	62	18
	309	EL DABA	340	6	35	00	0	0	—		27	52	16
		ALEXANDRIA	310	14	50	00	0	0	—	6.0	27	52	16
	318	FOUAD (Airport)	300	11	18	02	0	0	—	5.6	28	42	14
	330	DAMIETTA	320	5	35	00	0	0	—	6.2	29	35	12
	333	PORT SA'ID	350	18	30	02	0	0	—	4.6	27	55	17
	336	EL 'ARISH	330	6	50	00	0	0	—	4.2	28	42	14
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	5.7	37	29	16
	342	MANSURA	320	5	35	00	0	0	—	5.2	35	27	13
	348	TANTA	00	0	35	02	0	0	—		35	19	8
	354	ZAGAZIG	220	2	35	02	0	0	—	5.3	36	33	17
	440	ISMA'ILIA	340	2	35	02	0	0	—	5.0	37	18	9
Cairo Area	366	FAROUK (Airport)	300	8	30	00	0	0	—	5.4	36	18	8
	372	ALMAZA	300	8	15	00	0	0	—	4.8	36	20	10
		EZBEKIYA	350	6	18	00	0	0	—	5.0	36	20	10
		GIZA	350	6	18	00	0	0	—	5.5	36	13	4
	378	HELWAN	290	8	15	02	0	0	—	4.7	35	12	1
Upper Egypt	381	FAIYUM	00	0	25	03	1	2	Cu, Sc	5.5	38	13	5
	387	MINYA	10	2	10	02	1	1	Ci	4.5	39	17	10
	393	ASYUT MANQABAD	340	10	12	00	0	0	—	4.3	40	10	2
	399	NAG' HAMMADI	290	3	35	00	0	0	—	3.8	38	15	7
	402	QENA											
	405	LUXOR	320	11	30	00	0	0	—		42	14	9
	414	ASWAN											
Oases	417	SIWA	280	14	10	03	1	4	Ac, Ci	6.2	41	16	10
	420	BAHARIYA	270	3	25	02	0	0	—	5.5	41	20	14
	423	FARAFRA	321	1	35	02	0	0	—	5.3	41	12	6
	432	DAKHLA	340	11	35	00	0	0	—	4.7	41	14	8
	435	KHARGA	00	0	15	00	0	0	—	4.4	41	17	11
Red Sea	450	SUEZ	360	6	50	02	0	0	—	3.5	35	19	8
	459	TOR											
	462	HURGHADA	30	2	30	00	0	0	—	1.3	30	70	24
	465	QUSEIR	30	13	50	02	0	0	—		30	66	23
	641	PORT SUDAN	70	7	30	01	1	1	Ac	2.0	37	27	15
North Sudan	600	WADI HALFA	20	15	30	02	0	0	—	3.5	42	6	-4
	640	ABU HAMAD	20	4	30	02	0	0	—		43	6	-2
	660	KAREIMA	20	8	30	02	0	0	—	1.1	44	11	7
	680	'ATBARA	360	5	30	03	1	2	Cu		44	11	7
	721	KHARTUM	110	2	30	02	0	1	Ac	0.9	41	18	12
	730	KASSALA	160	1	30	03	0	1	Cu	0.3	41	22	15
Central Sudan	751	WAD MEDANI											
	801	RENK	180	5	35	02	1	1	Ci	3.4	38	25	15
	802	ROSEIRES											
	771	EL OBEID	260	9	30	01	1	2	Ac	1.4	38	18	10
	760	EL FASHER	110	4	30	01	2	6	Cs		38	10	1
	770	GENEINA	100	2	30	02	2	7	Ci, Cs		38	6	-5
S. Sudan	840	MALAKAL	160	5	30	02	2	7	Ac		33	38	17
	880	WAU	230	1	30	03	2	7	Cu, Ac	4.9	33	53	22
	941	JUBA	00	0	50	03	2	8	Ci, Cs	5.3	31	55	21

At 1800 on Friday 1st June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	360	5	15	00	0	0	—	6.1	21	88	19	0
SIDI BARANI												
MATRUH	340	6	14	01	1	4	Sc	6.1	21	88	19	0
EL DABA												
ALEXANDRIA	360	11	35	00	0	0	—	4.3	23	74	18	0
FOUAD (Airport)	330	3	12	02	0	0	—	4.1	23	74	18	0
DAMIETTA	320	2	7	00	0	0	—	3.9	24	61	16	0
PORT SA'ID	340	10	14	02	0	0	—	3.3	25	65	18	0
EL 'ARISH												
DAMANHUR	40	5	15	02	0	0	—	5.4	27	52	16	0
MANSURA	320	3		00	0	0	—	5.0	28	33	10	0
TANTA	00	0	35	02	0	0	—	5.1	26	48	14	0
ZAGAZIG	00	0	35	02	0	0	—	4.9	29	49	17	0
ISMA'ILIA	360	2	35	02	0	0	—	4.4	28	45	15	0
FAROUK (Airport)	20	4	12	00	0	0	—	4.3	30	38	14	0
ALMAZA	50	2	12	02	0	0	—	3.8	31	31	12	0
EZBEKIYA	00	0	12	00	0	0	—	4.7	31	43	17	0
GIZA	00	0	12	00	0	0	—	4.6	30	25	8	0
HELWAN	340	11	15	02	0	0	—		32	15	2	0
FAIYUM	00	0	35	01	0	0	—	3.9	32	28	11	0
MINYA	00	0									15	0
ASYUT MANQABAD	270	2	8	00	0	0	—	3.2	33	21	8	0
NAG' HAMMADI	00	0	35	00	0	0	—	3.4	30	46	17	0
QENA												
LUXOR												
ASWAN	320	5	15	00	0	0	—	3.5	38	16	8	0
SIWA	360	11	10	02	1	4	Ac	4.3	36	24	12	0
BAHARIYA	320	2	15	02	0	0	—	4.4	35	29	14	0
FARAFRA	320	1	15	02	0	0	—	3.8	37	12	3	0
DAKHLA	340	8	35	00	0	0	—	5.8	37	22	12	0
KHARGA	00	0	15	00	0	0	—	3.5	37	14	6	0
SUEZ	360	5	35	02	0	0	—	2.8	30	31	11	0
TOR												
HURGHADA												
QUSEIR	360	9	15	02	0	0	—	3.0	29	70	23	0
PORT SUDAN	00	0	30	02	0	0	—	2.4	32	46	19	0
WADI HALFA	10	8	30	02	0	0	—	3.7	35	12	2	0
ABU HAMAD	360	5	30	02	0	0			36	9	-2	0
KAREIMA	330	9	30	02	0	0	—	1.5	37	16	7	0
'ATBARA	360	7	30	03	0	2	Ac	99.6	37	19	10	0
KHARTUM	200	9	30	13	0	1	Cb	0.2	38	22	13	0
KASSALA	260	2	30	12	0	3	Cb	99.4	33	38	17	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	210	13	30	01	0	0	—	2.5	33	30	13	0
EL FASHER	180	4	30	01	2	5	Cs		33	16	4	0
GENEINA												
MALAKAL	200	2	30	01	2	2	Ci	3.3	30	49	18	0
WAU	290	1	30	13	1	4	Cb, Cs	5.0	30	70	24	0
JUBA	00	0	30	13	2	8	Cb, Cs	5.9	25	74	20	0

At 0600 on Saturday 2nd June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs	Temp. Dry Bulb	Temp. Maximum Yesterday	Temp. Maximum Diff. from normal	Temp. Minimum Today	Temp. Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs	Rainfall Total From Oct. 1st	Rainfall Normal From Oct. 1st
SALUM	270	5	15	00	0	0	—	6.2	-6.8	26	30	+2	19	+1	62	18	0	91	
SIDI BARANI																			
MATRUH	320	7	15	00	0	0	—	6.0	-7.6	23			16		65	16	0	51	
EL DABA																			
ALEXANDRIA	270	15	50	03	1	4	Cu	4.7	-8.9	22	31	+3	21	+1	83	19	0	63	186
FOUAD (Airport)	280	10	14	03	1	4	Sc	4.2		24	29		20		74	19	0	63	138
DAMIETTA	200	2	15	00	0	0	—	3.9	-8.5	24	30	+2	17	-2	74	19	0	Rain	106
PORT SA'ID	270	9	11	01	0	0	—	3.3	-8.9	24	30		27		79	20	0	18	
EL 'ARISH	260	5	30	00	0	0	—	3.1	-9.5	27			17	0	62	19	0	Rain	94
DAMANHUR	40	9	15	00	0	0	—	4.6	-8.5	24	39	+8	18	+1	69	18	0	35	101
MANSURA	270	5	35	00	0	0	—	4.0	-8.7	26	37	+4	18	0	70	20	0	31	55
TANTA	270	13	35	02	0	0	—	5.1	-8.0	26	36	+2	17	0	55	16	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	4.3	-8.5	25	39	+6	21	+4	74	20	0	Rain	27
ISMA'ILIA	290	2	35	02	0	0		4.4		24	37		20		74	19	0	17	
FAROUK (Airport)	00	0	12	00	2	0	—	5.4		22	38		19		89	20	0	Rain	
ALMAZA	40	2	12	01	1	0	—	4.8	-7.8	23	36		18		74	18	0	12	
EZBEKIYA	00	0	12	02	1	1	Ci	5.0	-7.6	24	37	+3	20	+1	74	19	0	11	26
GIZA	00	0	12	02	1	1	Ci	4.6	-8.0	24	38	+4	18	+2	74	19	0	11	26
HELWAN	00	0	7	00	0	0	—	4.3	-8.1	24	37	+3	20	+1	69	18	0	12	29
FAIYUM	360	8	35	02	0	0	—	4.7	-7.7	25	39	+4	21	+2	61	17	0	8	8
MINYA	00	0	10	00	0	0	—	4.2	-7.4	26	40		19		48	14	0	3	
ASYUT MANQABAD	280	3	8	01	0	0	—	3.3	-8.1	28	40		24?		29	8	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	4.2	-5.7	29	40	+3	22	+2	40	14	0	0	
QENA	130	1	15	00	0	0	—	3.8	-6.0	30			22		25	8	0	3	
LUXOR	00	0	30	00	0	0	—	3.1	-6.5	34			22		20	8	0	0	
ASWAN											42	+1							
SIWA											42	+6							8
BAHARIYA											42	+6							7
FARAFRA	40	1	30	02	0	2	Ac	3.8		29	42				27	8	0	dr.	
DAKHLA	00	0	35	02	0	0	—	4.6	-6.9	30	42	+3	21	0	25	8	0	0	
KHARGA	00	0	15	00	0	0	—	4.6	-5.7	29	41	+2	22	-1	29	9	0	0	
SUEZ	360	6	50	00	0	0	—	5.1	-6.7	27	39	+5	18	-2	37	11	0	5	17
TOR																			13
HURGHADA	00	0	14	00	0	0	—	3.0	-6.7	28			22		58	19	0	8	
QUSEIR	360	5	15	02	0	0	—			32			26	+0.1	43	18	0	dr.	4
PORT SUDAN	50	3	30	02	0	0	—	2.7		39	40						0		77
WADI HALFA											43								
ABU HAMAD	360	3	30	02	0	0				34	44		26		12	2	0		
KAREIMA	50	5	30	02	0	0	—	4.6		33	45		27		26	11	0	dr.	2
'ATBARA	80	4	30	01	1	0	—	4.6		34	45		27		9	-4	0	5	7
KHARTUM	170	15	4	07	3	4	Ac, Ci	7.7		28	42		25		52	17	0	7	8
KASSALA	190	4	30	01	1	1	Ci	7.3		28	42		25		49	16	0	16	24
WAD MEDANI																			25
RENK																			91
ROSEIRES																			117
EL OBEID	270	9	30	01	0	7	Cu, Ac	5.8		28	40		26		53	19	dr.	10	37
EL FASHER	340	4	30	01	1	1	Ac, Ci			26	40		22		27	5	0	9	16
GENEINA											40								30
MALAKAL	230	9	30	02	2	8	Cu, Ac, Cs	7.9		29	35		26		55	19	0	146	203
WAU	250	4	30	01	0	1	Ac	8.2		25	34		23		79	21	0	281	378
JUBA											34								469

HUMIDITY %

Mean of day

Station	on 1st	Diff from normal
Alexandria	70	-2
Ezbaklya	46	-6
Giza	39	-11
Helwan	29	-10

GIZA

GRASS MINIMUM TEMP. ON 2nd 13.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ... AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 1st June

Station	Matrouh		Port Said		El Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Fouad A.P.		Luxor		Hurghada		Minya		Port Said	
Time	14		14		16				14		14		14		14		14		14 30		14 15		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	15	310	16	310	16	310	24	300	14	310	30	360	13	20	16	310	20	340	14	290	29	350	8	320	15
600	310	16	290	20	290	16	310	12	320	11	300	32	350	13	30	23	310	16	330	17	200	26	350	14	310	16
1000	320	24	280	18	280	17	300	10	310	17	310	41	340	24	30	3	310	13	310	17	290	21	340	14	310	16
1500	300	21	280	15	280	22	310	15	330	23	320	25	340				290	19			270	21	300	12	280	11
2000					280	24					330	25					290	21			260					
3000											320	28														
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 2nd June

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		Farouk A.P.	
Time			4		2		2						2										4 30	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	8	290	15	290	9					20	13									310	5
600			10	17	320	25	310	8					20	12									320	9
1000			360	21	320	23	320	12					350	9									320	14
1500			360	21	340	12	340	12					270	16										
2000			340	16			360	20																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time									3								5		4		4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									50	4														
600									50	9							190	15					220	22
1000									30	8							180	15	220	22	180	4	230	31
1500									10	15							70	3	240	16	70	3	220	22
2000																	120	6	250	17				
3000									20	31									290	7	70	23	90	4
4000									20	9														
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

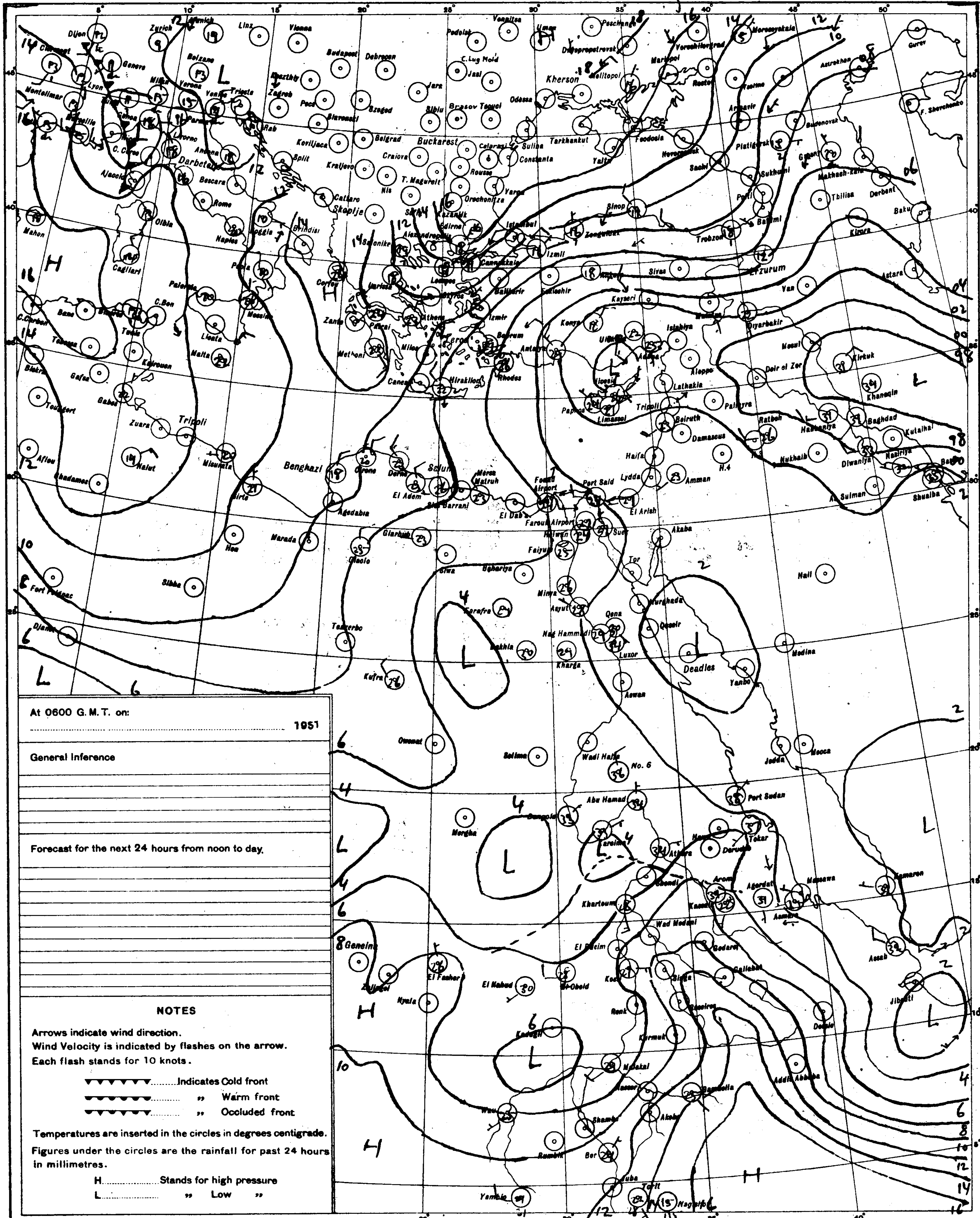
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 16 1 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H......................Stands for high pressure
L...................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

		Code
Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

	Code
Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G. M. T.

" " Sunset 16 51 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date: Sunday 3rd June 1951

At 1200 on Saturday 2nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	5	35	00	1	1	Ci	5.9	29	35	12
	303	SÎDI BARÂNI			14	03	0		Ci	6.4	24	60	13
	306	MATRÛH	360	11	18	00	0	0	—	5.9	26	70	20
	309	EL DABA											
		ALEXANDRIA	270	22	50	02	2	3	Cu	4.8	25	70	19
	318	FOUAD (Airport)	300	12	18	02	0	1	Sc	4.9	25	74	20
	330	DAMIETTA	320		35	02	0	0	—	3.8	26	70	20
	333	PORT SA'ÎD	360	14	18	02	0	0	—	3.6	25	74	20
	336	EL 'ARISH	340	10	30	00	0	0	—	3.1	26	74	21
Lower Egypt	339	DAMANHUR	360	9	15	02	0	0	—	4.7	29	66	22
	342	MANSURA	230	5	35	00	0	0	—	3.9	33	41	18
	348	TANTA	270	5	35	02	0	0	—	4.3	33	38	17
	354	ZAGAZIG	320	2	35	02	0	0	—	3.8	34	36	17
	440	ISMA'ILIA	360	2	35	02	0	0	—	3.2	34	27	12
Cairo Area	366	FAROUK (Airport)											
	372	ALMAZA	290	12	30	00	0	0	—	3.6	33	21	8
		EZBEKIYA											
		GIZA	00	0	18	00	0	0	—	3.4	34	27	12
	378	HELWÂN	290	6	35	02	0	0	—	2.7	33	16	4
Upper Egypt	381	FAIYÛM	360	5	35	02	0	0	—	3.5	33	24	10
	387	MINYA	10	9	10	00	1	0	—	2.9	36	24	12
	393	ASYÛT MANQABÂD	330	5	10	00	1	0	—	1.9	40	19	12
	399	NAG' HAMMÂDI	320	1	35	00	0	0	—	1.8	40		
	402	QENA	270	2	50	03	1	3	Ac	1.6	43	13	9
	405	LUXOR	250	12	30	01	0	2	Cu	1.3	44	5	-3
	414	ASWÂN	110	2	50	01	1	3	Ci	1.6	42	9	3
Oases	417	SÎWA											
	420	BAHARÎYA	40	4	35	02	0	0	—	3.4	37	18	9
	423	FARAFRA	320	1	35	02	0	0	—	1.5	40	11	4
	432	DAKHLA	340	13	7		0	1	Ci	0.7	44	21	17
	435	KHARGA	270	14	7	02	1	5	Cu	98.6	45	18	15
Red Sea	450	SUEZ	310	6	50	02	0	0	—	2.0	34	18	6
	459	TÛR	310	9	50	02	0	0	—	1.6	26	33	17
	462	HURGHADA	10	5	30	03	1	0	—	0.5	30	62	22
	465	QUSEIR	20	9	15	00	0	2	Ci		29	79	25
	641	PORT SUDÂN	70	12	10	05	0	0	—	2.8	36	44	22
North Sudan	600	WÂDI HALFA	270	8	30	02	0	0	—	1.5	44	6	-1
	640	ABU HAMAD	360	3	30	02	0	0	—	1.0	43	6	-2
	660	KAREIMA	70	8	30	02	0	0	—	1.8	42	10	5
	680	'ATBARA	360	9	10	05	0	1	Cs	0.5	43	4	-7
	721	KHARTÛM	270	9	50	02	2	8	Ac, Cs	2.7	38	19	11
	730	KASSALA	270	4	30	03	1	3	Ac	0.9	40	20	13
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	230	13		02	2	8	As	7.:			
	771	EL OBEID											
	760	EL FÂSHER	10	8	30	02	0	0	—		39	12	4
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU	250	5	35	02	0	4	Cu, As, Cs	4.7	35	37	18
	941	JUBA	50	5	30	01	2	6	Cu, Ac	7.5	29	49	17

At 1800 on Saturday 2nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	320	5	15	00	0	0	—	7.6	24	69	18	0
303												
306	350	4				0	—	6.1	22	89	20	0
309												
	310	16	35	03	2	5	Ac				19	0
318	320	9	13	02	2	7	Sc		22	89	20	0
330	320	2	7	03	1	2	Sc	4.4	23	84	20	0
333	50	9	14	03	1	6	Sc	3.8	23	84	20	0
336	50	5	14	00	0	0	—	3.2	23	74	18	0
339	360	5	15	02	0	0	—	4.6	22	83	19	0
342	360	5		00	0	0	—	3.6	25	74	20	0
348	00	0	35	02	0	0	—		25	61	17	0
354	320	1	35	02	0	0	—	2.7	27	70	21	0
440	20	5	35	02	0	0	—	3.8	26	70	20	0
366	340	10	12	00	0	0	—	4.4	28	66	21	0
372	340	11	12	00	0	0		4.1	28	52	17	0
	00	0	12	00	0	0	—	5.0	27	52	16	0
378	320	10	15	02	0	0	—	4.5	29	40	14	0
381	360	2	35	02	0	0	—	2.9	30	35	13	0
387	30	6	8	00	0	0	—	2.3	30	29	10	0
393	00	0	8	00	0	0	—	1.4	33	28	12	0
399	320	1	15	00	0	0	—	2.7	31	43	17	0
402	240	3	7	02	1	3	Ac	2.7	32	28	11	0
405												
414	00	0	15	00	0	0	—	0.8	29	11	3	0
417	20	9	10	01	2	0	—	5.4	33	23	9	0
420	40	4	15	02	0	0	—	4.3	31	31	12	0
423	360	1	15	02	0	0	—	2.0	35	19	8	0
432	340	11	35	03	1	0	—	98.3	39	14	7	0
435	00	0	15	00	0	0	—	1.4	40	12	6	0
450	310	6	35	02	0	0	—	3.1	28	52	17	0
459	310	5		02	0	0	—	1.3	28	62	20	0
462	30	8	18	03	1	3	Ac, Ci	0.4	30	38	14	0
465	90	5	18	01	1	0	—	3.4	29	70	23	0
641	00	0	30	02	0	0	—	3.7	31	36	14	0
600	00	0	30	02	0	0	—	1.8	39	13	6	0
640	340	3	30	02	0	0	—	1.8	35	15	5	0
660	30	1	30	02	0	0	—		36	18	8	0
680	360	3	10	05	0	1	Cs	1.6	26	12	2	0
721	210	17		01	2	5	Ci	3.2	34	29	13	0
730	180	4	14	02	0	0	—	3.3	32	31	13	0
751												
801												
802												
771												
760	80	4	30	80	8	7	Sc		32	26	10	4
770												
840	290	2	30	01	9	8	Ci		30	94	19	15
880												
941	50	2	30	13	2	8	Cu, Ac	8.4	26	84	23	0

At 0600 on Sunday 3rd June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	320	5	15	00	0	0	—	9.5	-3.5	24	30	+2	20	+2	65	17	0	91	
SÎDI BARÂNI																			
MATRÛH	330	6	14	02	2	7	Sc	8.8	-4.8	23	26		17		74	18	0	51	
EL DABA																			
ALEXANDRIA	310	13	50	03	2	7	Sc	8.2	-5.3	22	26	-2	21	+1	83	19	0	63	136
FOUAD (Airport)	330	7	12	02	2	7	Sc	7.8		23	27		21		84	20	0	63	138
DAMIETTA	250	5	7	03	2	7	Sc	7.4	-4.9	24	27	-1	21	+2	74	19	0	Rain	106
PORT SA'ÎD	260	8	12	02	2	7	Sc	7.5	-4.7	24	28		22?		69	18	0	18	
EL 'ARISH	250	6	30	03	2	6	Sc	6.8	-5.8	25	28	0	17?	0	70	19	0	Rain	94
DAMANHÛR	310	5	7	02	1	2	Cu	8.3	-4.8	24	30	-2	21	+4	74	19	0	35	101
MANSÛRA	320	3	35	03	2	8	Sc	7.3	-5.3	25	35	+2	21	+3	70	19	0	31	95
TANTA	270	2	35	03	2	8	Cu	8.3	-4.8	24	34	0	20	+3	74	19	0	23	44
ZAGAZIG	00	0	35	02	2	8	Sc	7.8	-5.0	23	36	+2	19	+2	74	18	0	Rain	27
ISMA'ILIA	270	2	35	03	1	6	Cu	7.9		24	35		22		69	18	0	17	
FAROUK (Airport)	300	7	10	02	2	8	Sc	8.1		22	35		20		74	17	0	Rain	
ALMAZA	300	6	13	02	1	7	Sc	8.1	-4.5	22	35		20		65	15	0	12	
EZBEKIYA																			26
GÎZA	00	0	12	02	1	0	—	8.0	-4.5	23	36	+2	20	+4	65	16	0	11	26
HELWÂN	290	6	7	02	2	7	Sc	9.8	-3.4	22	35	+1	20	+1	74	17	0	12	29
FAIYÛM	360	8	35	03	1	4	Cu, Sc	8.1	-4.2	23	36	+1	19	0	74	18	0	8	8
MINYA	10	13	10	00	0	0	—	7.7	-3.8	24	37		18		69	18	0	3	
ASYÛT MANQABÂD	280	6	8	01	0	0	—	7.5	-3.9	26	40		21		59	16	0	dr.	
NAG' HAMMÂDI	360	2	15	00	0	0	—	5.5	-4.3	28	41	+4	23	+3	42	14	0	0.1	
QENA	320	2	15	00	0	0	—	6.3	-3.4	31	44	+4	24	+2	28	10	0	2	
LUXOR	320	6	30	00	0	0	—	4.1	-5.4	32			26		14	1	0	0	
ASWÂN											43	+2							
SÎWA	60	4	12	00	0	0	—	10.7	-3.2	25	38	+2	21	+2	88	16	0	1	8
BAHARÎYA	360	4	35	02	0	0	—	8.6	-4.4	24	39	+3	20	+2	61	16	0	dr.	7
FARAFRA	240	1	35	02	0	0	—	9.1		27	41		22				0	dr.	
DAKHLA	00	0	50	00	0	0	—	8.3	-3.2	31	45	+6	24	+3	38	15	0	0	
KHARGA	360	3	15	00	0	0	—	7.1	-3.2	30	46	+7	26	+3	25	8	0	0	
SUEZ	360	5	50	00	0	0	—	7.0	-4.8	24	37	+3	20	0	69	18	0	5	17
TÛR	310	9		02	0	0	—	5.3	-4.2	27	39	+7	21	-1	70	21	0	4	13
HURGHADA											35								
QUSEIR	360	13	15	02	0	0	—	4.3	-5.1	29	33	+1	25	0	59	20	0	dr.	4
PORT SUDÂN	00	0	30	02	0	0	—	6.1		30	38		25		46	17	0	155	97
WÂDI HALFA	160	6	30	02	0	2	Ac	5.8		33	45		25		19	6	0	dr.	
ABU HAMAD	130	3	30	02	0	0	—	6.4		33	43		26		21	8	0		
KAREIMA											43								2
'ATBARA	200	14	30	02	0	1	Cs	8.5		30	48		23		40	15	0	5	7
KHARTÛM	170	17	30	02	0	1	Ci	9.9		28	40		24		52	17	0	7	8
KASSALA	180	5	30	01	1	1	Ac	9.9		29	41		24		49	17	0	16	25
WÂD MEDANI																			26
RENK																			94
ROSEIRES	230	9	35	02	1	2	Ci			26			21		70	20	0	22	121
EL OBEID	230	7	30	03	1	7	Ac	9.6		25			21		58	16	0	10	38
EL FÂSHER																			16
GENEINA											38								31
MALAKÂL	200	6	30	02	6	7	Ac	11.9		23	33		20		84	20	15	160	207
WÂU	230	7	30	02	2	7	Sc, Ac	11.4		23					84	21	0	281	383
JUBA	00	0	30	03	2	8	Ac, As, Cs	13.2		24	30		24		84	21	dr.	401	474

HUMIDITY %

Mean of day

Station	on 2nd	Diff. from normal
Alexandria	81	+9
Ezbekiya		
Giza	57	+6
Helwân	53	+14

GÎZA

GRASS MINIMUM TEMP. ON 3rd 18.0 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 2nd

Station	Fouad AP		Arish		Matruh		Kharga		Dakhla														Minya		Fouad AP	
Time	14		16		14		14		14														20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			360	12	330	12	240	1	70	3													10	40	320	17
600	320	24			360	14	240	17	60	38													20	38	320	16
1000	320	35	290	10	340	18	240	25															20	24	330	19
1500			260	18	320	22																	340	18		
2000			270	13	310	15																				
3000			260	15																						
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 3rd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Sa'îd		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4				2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			310	12			320	4					20	18									
600			320	10			280	9					340	24									
1000							280	9					340	13									
1500																							
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time											4		4				3		4		6		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											160	23	240	13			180	9					190	11
1000											160	21	220	6			170	11	180	11	210	11	190	9
1500											160	22	40	9			170	13	150	17	230	9	200	11
2000																			20	8	130	7		
3000											80	7	30	11			40	13	40	15	70	13		
4000																			70	11				
5000																			60	13				
6000																			110	13				
7000																			50	3				
8000																			360	11				

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

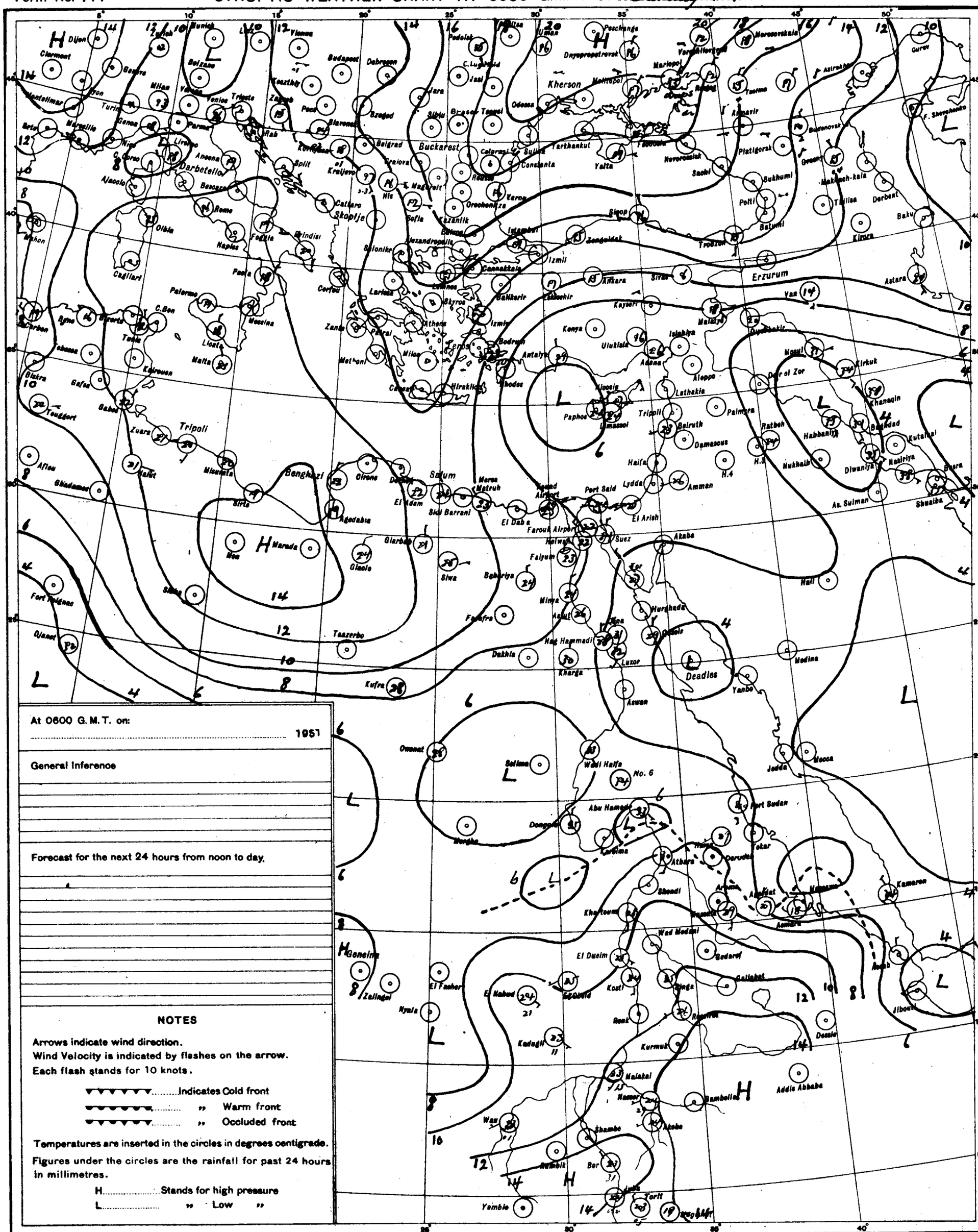
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/537) (50/511)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 3/6/ 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(69/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 54 G. M. T.
" " Sunset 16 52 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: MONDAY 4th JUNE 1951

At 1200 on SUNDAY 3rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM											
	303	SÎDI BARÂNI	330	11	18	00	0	0	—	10.4	24	69	18
	306	MATRÛH	20	10	18	00	1	0	—	10.1	25	70	19
	309	EL DAB'A											
		ALEXANDRIA	360	22	50	02	2	7		8.8	24	69	18
	318	FOUAD (Airport)	320	13	18	02	2	6	Sc	8.8	24	74	19
	330	DAMIETTA	360	5	35	01	0	1	Cu	8.0	25	74	20
	333	PORT SA'ÎD	260	9	30	02	0	0	—	6.4	25	74	20
	336	EL 'ARISH	320	5	35	01	0	0	—	5.8	26	62	18
Lower Egypt	339	DAMANHUR	310	9	15	02	1	2	Cu	8.3	27	62	19
	342	MANŞURA											
	348	TANTA	310	5	35	01	1	2	Cu	8.0	32	49	20
	354	ZAGAZIG	320	1	35	02	2	0	—	7.4	32	56	22
	440	ISMA'ÎLÎA	320	10	30	00	0	0	—	7.0	33	32	14
Cairo Area	366	FAROUK (Airport)	290	4	15	00	0	1	As	7.5	30	43	16
	372	ALMÂZA	270	7	15	03	0	1	Cu	7.3	32	43	18
		EZBEKÎYA	00	0	18	02	1	2	Cu	7.1	37	38	16
		GÎZA	00	0	18	02	1	2	Cu	7.0	32	34	14
	378	HELWÂN	320	9	35	02	0	0	—	6.4	31	28	15
Upper Egypt	381	FAIYÛM											
	387	MINYA	360	7	12	00	0	0	—	7.4	34	30	14
	393	ASYÛT MANQABÂD	280	10	30	00	0	0	—	6.8	35	32	16
	399	NAG' HAMMÂDI	310	3	35	00	0	0	—	5.8	38	11	2
	402	QENA	270	2	50	00	0	0	—	3.4	41	8	0
	405	LUXOR	90	14	30	00	0	0	—	4.2	40	7	-2
	414	ASWÂN	340	9	50	00	0	0	—	3.1	42	6	-2
Oases	417	SÎWA	270	8	14	00	0	0	—	10.3	33	24	10
	420	BAHARÎYA	320	4	35	02	0	0	—	7.5	33	30	13
	423	FARAFRA	320	1	35	02	0	0	—	8.4	35	12	1
	432	DAKHLA	320	10	30	00	0	0	—	7.6	37	28	16
	435	KHARGA	340	4	15	00	0	0	—	6.3	38	16	8
Red Sea	450	SUEZ	360	4	50	00	0	0	—	5.4	31	31	12
	459	TÔR											
	462	HURGHÂDA	10	15	30	00	0	0	—	2.7	30	66	23
	465	QUSEIR	360	7	35	00	0	0	—	3.0	29	59	20
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA	300	19	10	07	0	1	Ac	2.9	45	8	3
	640	ABU HAMAD	180	1	30	03	0	2	Cu, Ci	3.4	43	10	5
	660	KAREIMA	340	4	30	03	1	6	Cu, Cs	4.0	43	9	4
	680	'ATBARA	200	9	30	01	0	1	Ci	4.8	39	17	10
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK	230	5	35	02	1	4	Ac	7.9	39	30	18
	802	ROSEIRES	230	9	35	02	1	5	Cu	6.4	36	31	16
	771	EL OBEID	220	7	30	03	2	7	Ac	6.5	33	30	13
	760	EL FÂSHER	130	4	30	02	2	8	Cu, Cs		35	27	13
	770	GENEINA											
S. Sudan	840	MALAKÂL	270	6	30	03	2	7	Cu, Ac	8.1	33	47	20
	880	WÂU	250	7	30	01	2	5	Cu	8.2	31	55	21
	941	JUBA											

At 1800 on SUNDAY 3rd

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
62300	SALÛM	240	5	15	00	0	0	—	11.2	24	54	14	0
303	SÎDI BARÂNI	310	12	14	00	0	0	—	10.9	21	83	18	0
306	MATRÛH	350	4	10	00	0	0	—	10.9	22	83	19	0
309	EL DAB'A												
	ALEXANDRIA	360	16	35	02	2	6	Ac	10.4	22	74	17	0
318	FOUAD (Airport)	320	7	12	02	2	6	Sc	10.0	22	78	18	0
330	DAMIETTA	320	9	7	03	1	4	Cu	9.0	23	84	20	0
333	PORT SA'ÎD	320	17	18	02	0	2	Sc	8.3	23	89	21	0
336	EL 'ARISH	360	8	30	03	0	3	Cu	7.9	23	78	19	0
339	DAMANHUR	310	9	15	02	1	6	Cu	9.4	22	83	19	0
342	MANŞURA	140	5		00	0	0	—	9.3	24	74	19	0
348	TANTA	270	2	35	01	1	2	Cu	9.7	23	74	18	0
354	ZAGAZIG	320	2	35	02	0	0	—	8.8	26	74	21	0
440	ISMA'ÎLÎA	360	5	35	01	0	0	—	8.4	25	70	19	0
366	FAROUK (Airport)	320	14	12	00	0	0	—	9.2	27	62	19	0
372	ALMÂZA	330	11	12	00	0	0	—	8.9	27	55	17	0
	EZBEKÎYA	360	8	12	00	0	0	—	9.0	27	62	19	0
	GÎZA	360	8	12	00	0	0	—	9.4	26	65	16	0
378	HELWÂN	320	14	15	01	0	0	—	8.7	26	55	16	0
381	FAIYÛM	360	5	35	02	0	0	—	9.0	28	46	15	0
387	MINYA	360	4	10	00	0	0	—	8.0	27	45	14	0
393	ASYÛT MANQABÂD	290	6		00	0	0	—	7.8	31	28	10	0
399	NAG' HAMMÂDI	00	0	15	00	0	0	—	7.4	30	46	17	0
402	QENA	320	2	7	00	0	0	—	6.7	32	20	6	0
405	LUXOR	330	9	12	00	0	0	—	6.7	33	12	0	0
414	ASWÂN	320	5	15	00	0	0	—	6.6	38	11	3	0
417	SÎWA	340	13	10	00	0	0	—	10.3	32	29	12	0
420	BAHARÎYA	320	5	15	02	0	0	—	9.0	30	31	11	0
423	FARAFRA												
432	DAKHLA	340	8	50	00	0	0	—	9.1	33	30	13	0
435	KHARGA	360	1	15	00	0	0	—	7.2	31	12	1	0
450	SUEZ	360	6	35	02	0	0	—	7.4	27	62	19	0
459	TÔR												
462	HURGHÂDA												
465	QUSEIR	360	5	15	02	0	0	—	6.6	30	40	15	0
641	PORT SÛDÂN	240	2	30	02	0	0	—	4.4	33	56	23	0
600	WÂDI HALFA	360	16	30	01	0	0	—	5.0	37	25	14	0
640	ABU HAMAD	00	0	30	02	0	0	—	4.0	37	17	8	0
660	KAREIMA	50	1	30	01	1	3	Cs	4.2	37	17	8	0
680	'ATBARA	00	0	30	01	0	0	—	4.3	38	16	8	0
721	KHARTÛM	00	0	30	02	0	2	Ac	5.9	35	22	10	0
730	KASSALA	30	2	30	02	1	0	—	6.2	30	38	14	0
751	WÂD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FÂSHER	140	2	30	02	2	4	Ci		33	34	15	0
770	GENEINA												
840	MALAKÂL	360	2	30	01	2	3	Ac, Ci	9.5	27	79	23	0
880	WÂU												
941	JUBA	00	0	30	01	2	6	Cu, Cs	9.1	28	79	24	0

At 0600 on MONDAY 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	290	9	15	00	0	0	—	12.3	-0.7	24	27	-2	18	0	54	14	0	91	
SÎDI BARÂNI	300	13	14	01	1	1	Cu	12.5		23	25		17		65	16	0	108	
MATRÛH	330	10	18	00	0	0	—	12.7	-0.9	23	26		16		41	9	0	51	
EL DAB'A																			
ALEXANDRIA	310	11	50	02	2	6	Cu	11.6	-1.9	22	25	-3	20	0	78	18	0	63	186
FOUAD (Airport)	290	8	18	02	0	3	Sc	12.0		23	26		20		74	18	0	63	138
DAMIETTA	250	5	7	03	1	6	Cu	11.5	-0.8	24	26	-2	21	+2	74	19	0	Rain	106
PORT SA'ÎD	280	12	14	01	1	3	Sc	10.3	-1.9	25	27		22		65	18	0	18	
EL 'ARISH	220	5	35	03	1	5	Sc	10.6	-1.9	27	27	-1			62	19	0	Rain	94
DAMANHÛR	270	9	15	02	1	3	Cu	12.0	-1.0	25	28	-4	18	+1	70	19	0	95	101
MANŞÛRA	00	5	35	02	1	3	Ac	11.4	-1.2	24	33	0	18	0	74	19	0	31	55
TANTA	270	2	35	01	1	2	Cu	12.6	-0.4	23	32	-2	17	0	74	18	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	11.5	-1.2	24	34	0	19	+2	74	19	0	Rain	27
ISMA'ÎLÎA	290	2	35	03	0	6	Cu	10.8		25	34		22		61	17	0	17	
FAROUK (Airport)	320	7	14	03	2	6	Sc	12.4		23	33		20		78	19	0	Rain	
ALMÂZA	330	5	12	03	2	6	Sc	11.7	-0.8	22	33		19		83	19	0	12	
EZBEKÎYA	360	4	12	02	1	6	Cu, Ac	11.9	-0.6	24	33	-1	20	+1	65	17	0	11	26
GÎZA	360	4	12	02	1	6	Cu, Ac	12.0	-0.5	24	34	0	18	+2	69	18	0	11	26
HELWÂN	300	4	12	01	1	3	Sc	11.5	-0.8	22	32	-2	19	0	65	15	0	12	29
FAIYÛM	360	8	35	03	1	2	Cu, Sc	11.9	-0.4	28	34	-1	18	-1	74	18	0	8	8
MINYA	360	2	10	00	0	0		11.7	+0.2	23	35		18		74	18	0	3	
ASYÛT MANQABÂD	340	2	12	00	0	0	—	11.1	-0.2	26	36		21		55	16	0	do.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	10.8	+1.0	28	38	+1	20	0	52	17	0	0.1	
QENA	320	2	15	00	0	0	—	10.0	+0.3	28	42	+2	23	+1	40	13	0	2	
LUXOR	350	5	30	00	0	0		9.4	-0.1	31	41		22		22	7	0	0	
ASWÂN	20	6	50	00	0	0	—	9.4	-0.2	32	44	+3	26	+1	24	9	0	0	
SÎWA	40	4	12	00	0	0	—	14.2	+0.4	24			19	+1	50	13	0	1	8
BAHARÎYA	360	2				0	—	12.0	-1.0	24	34	-2	19	+1	69	18	0	do.	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	12.0	+0.5	30	39	0	23	+1	40	15	0	0	
KHARGA	360	2	15	00	0	0	—	9.1	-1.1	29	39	0	24	+1	43	15	0	0	
SUEZ	360	4	50	00	0	0	—	10.0	-1.7	24	35	+1	20	0	61	16	0	5	17
TÔR																			13
HURGHADA																			
QUSEIR											37	+1							4
PORT SÛDÂN	270	10	30	03	1	2	Ac	4.3		34			28		41	19	0	155	97
WÂDI HALFA	360	10	30	02	0	0		8.7		31	47		25		33	13	0	do.	
ABU HAMAD	20	10	30	02	0	0	—			25	44		28		22	10	0		
KAREIMA	90	1	30	02	0	0	—	7.2		34	45		26		25	11	0	do.	2
'ATBARA											42								7
KHARTÛM	200	13	30	02	0	1	Ac	8.6		31	40		27		41	16	0	7	8
KASSALA											40								26
WÂD MEDANI																			27
RENK																			97
ROSEIRES																			125
EL OBEID	230	8	50	01	2	3	Ac	8.7		28	36		25		55	18	0	10	39
EL FÂSHER	00	0	30	02	2	7	Ac			25	37		23		51	14	0	9	17
GENEINA	160	1	30	03	1	4	Ac, Ci			26	39		21		51	15	0		32
MALAKÂL	130	4	30	03	1	6	Ac	10.9		28	33		22		74	23	0	160	211
WÂU																			388
JUBA	180	5	30	03	0	2	Ac	12.2		26	31		23		79	22	5	406	479

HUMIDITY %

Mean of day

Station	on 3rd	Diff. from normal
Alexandria	75	+3
Ezbekiya	64	+12
Giza	57	+6
Helwân	59	+20

GIZA
GRASS MINIMUM TEMP.
ON 4th 15.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

~~Heliopolis~~ ~~AIRPORT~~ — On 3rd At 0900 h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	125	26	48		
950					
900					
850	1530	18	30		
800					
700	3177	8	22		
600	4445	1			
500	5883	-9			
400					
300	9569	-41			

AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 3rd

Station	Matruh		Fouad AP		PSaid		Luxor		Farouk AP		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada		Fouad AP		Minya	
Time	14		14		14		14 45		16		14		14		14		14		14		14		20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	15	330	10	330	16	320	9	320	30	10	16	330	12	290	16	320	7	350	10	350	20	340	18	100	31
600	330	13			270	9	310	10	320	39	40	10	330	12	290	20	310	8	350	16	350	12	340	20	350	24
1000	350	13			310	9	310	13	320	39	330	12	220		200	21			340	17	330	13	320	24	320	21
1500	350	17			340	8	300	16	320	19	270	9	220	15	290	22			350	16	270	10			310	24
2000					330	5			310	16	300	20			300	23										
3000											280	18			300	41										
4000											270	31														
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 4th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYUT MANQABÂD		LUXOR		ASWÂN		HURGHADA		
Time					2		2						2										
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					320	11	300	17					20	14										
600					340	17	290	13					10	26										
1000					340	17	320	6					340	30										
1500							350	5					310	20										
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time									3				4				3		4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									40	19														
600									40	29			350	2			180	17						
1000									40	12			90	1			210	17	200	15				
1500									330	4			220	5			230	11	110	9				
2000																								
3000									300	25			230	4			20	8	60	26				
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

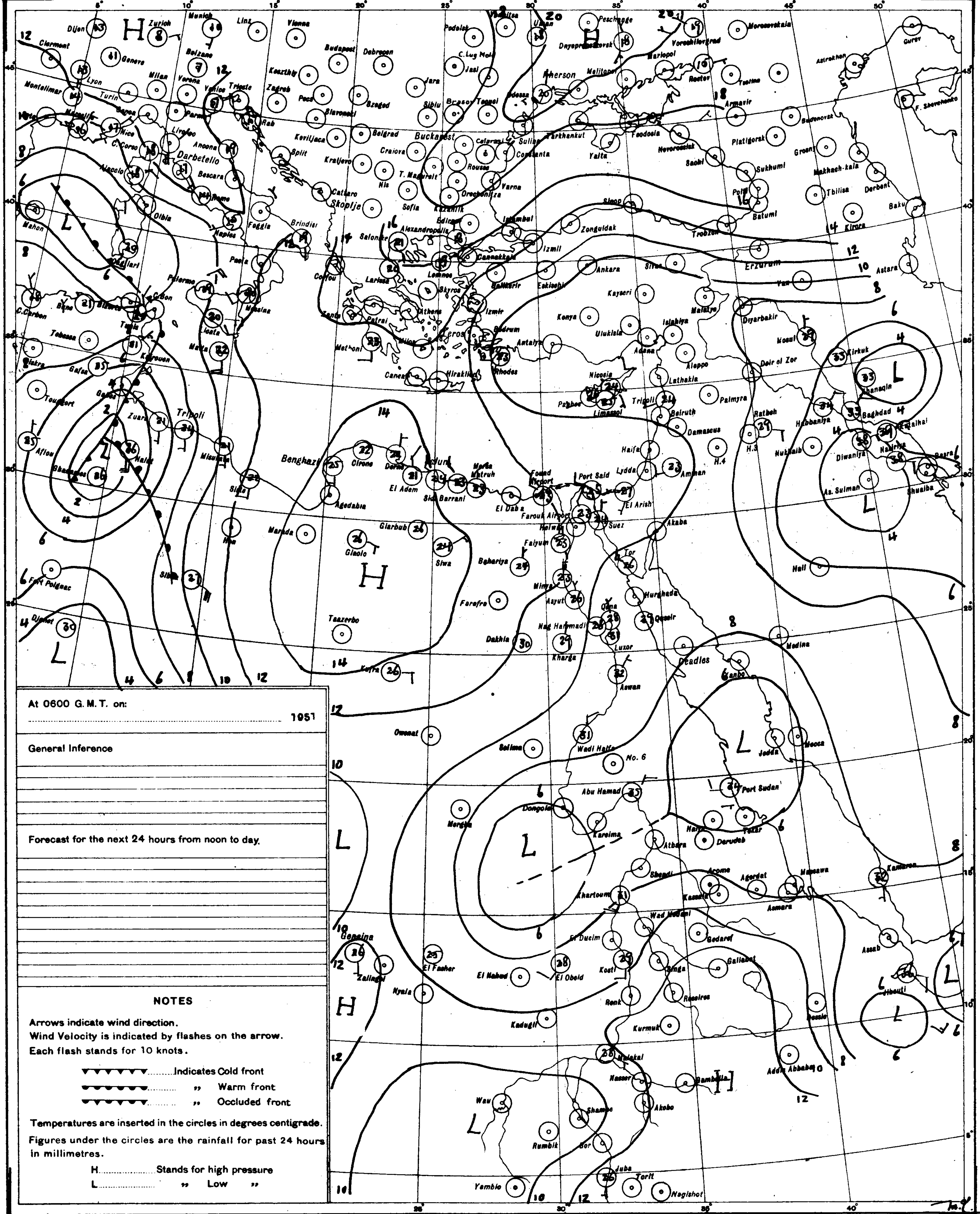
Printed by the Survey of Egypt 1949 (49/537). (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 4/6/ 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	○
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 53 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: TUESDAY 5th JUNE, 1951

At 1200 on Mon 4th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	9	35	00	0	0	—		25	61	17
	303	SÎDI BARÂNI	340	12	30	00	0	0	—	12.7	24	69	18
	306	MATRÛH	10	9	18	00	0	0	—	12.5	25	70	19
	309	EL DABʻA											
		ALEXANDRIA	330	17	50	01	1	3	Cu	11.9	24	61	16
	318	FOUAD (Airport)	290	17	18	02	0	1	Sc	11.8	25	74	20
	330	DAMIETTA	320	5	35	01	1	1	Cu	11.4	24	74	19
	333	PORT SAʻÎD	340	16	30	02	0	0	—	10.3	24	69	18
	336	EL ʻARISH	320	5	35	01	0	0	—	11.5	25	61	17
Lower Egypt	339	DAMANHUR	360	9	15	02	0	0	—	11.5	27	52	16
	342	MANṢURA	320	9	35	00	1	0	—	11.1	30	40	15
	348	TANTA	310	5	35	02	0	0	—	11.8	30	35	13
	354	ZAGAZIG	320	1	35	02	0	0	—	10.7	31	43	17
	440	ISMAʻILÎA	290	2	35	02	1	4	Cu	9.6	32	38	16
Cairo Area	366	FAROUK (Airport)	320	11	30	02	1	1	Cu	11.4	30	46	17
	372	ALMÂZA	310	11	15	03	0	1	St	10.8	30	35	13
		EZBEKÎYA	00	0	18	00	0	0	—	10.7	30	35	13
		GÎZA	00	0	18	00	0	0	—	10.8	31	28	10
	378	HELWÂN	290	11	15	02	0	1	St	11.1	29	31	10
Upper Egypt	381	FAIYÛM	360	8	35	01	0	0	—	11.6?	31	31	12
	387	MINYA	10	12	12	00	0	0	—	10.4	33	24	10
	393	ASYÛT MANQABÂD	290	11	18	00	0	0	—	9.5	33	36	16
	399	NAGʻ HAMMÂDI	270	1	35	00	0	0	—	9.6	36	25	13
	402	QENA	270	2	50	00	0	0	—	7.2	39	14	7
	405	LUXOR	320	7	30	00	0	0	—	7.1	38	9	0
	414	ASWÂN	340	7	50	00	0	0	—	6.8	39	14	7
Oases	417	SÎWA	340	6	14	00	0	0	—	13.5	33	21	8
	420	BAHARÎYA	320	3	35	02	0	0	—	11.1	31	31	12
	423	FARAFRA	320	1	35	02	0	0	—	11.6	35	12	1
	432	DAKHLA	340	14	7	05	0	0	—	9.9	35	32	16
	435	KHARGA	360	4	15	00	0	0	—	9.3	36	20	10
Red Sea	450	SUEZ	310	6	50	02	0	0	—	8.5	31	31	12
	459	TÔR											
	462	HURGHÂDA	10	16	30	00	0	0	—	6.2	29	66	22
	465	QUSEIR	90	5	15	02	0	0	—	6.7?	29	70	23
	641	PORT SÛDÂN	360	21	2	07	3	2	Ac	4.6	36	53	25
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	270	3	30	03	0	1	Cu	3.2	44	5	-4
	660	KAREIMA	110	1	50	03	0	1	Cu, Cc	3.7	45	10	7
	680	ʻATBARA	310	7	30	03	1	4	Cu,	3.0	43	9	4
	721	KHARTUM	360	3	50	03	1	7	Ac, Ci	4.5	40	17	11
	730	KASSALA	270	4	30	03	0	1	Cu	2.9	41	18	12
Central Sûdân	751	WÂD MEDANI	310	9	35	02	1	4	Cu	3.5	41	18	12
	801	RENK	130	2	35	02	1	4	Cu	5.5	37	33	18
	802	ROSEIRES	270	5	35	02	1	3	Cu	4.3	36	31	16
	771	EL OBEID	230	3	30	03	0	4	Cu		39	20	12
	760	EL FÂSHER											
	770	GENEINA	20	4	30	03	1	6	Cu, Cs		38	24	14
S. Sûdân	840	MALAKÂL	270	2	30	03	2	4	Cu, Ac	6.2	36	37	19
	880	WÂU	200	2	30	03	1	6	Cb	7.2	34	44	20
	941	JUBA	40	2	30	03	2	6	Cb, Ci	7.4	33	47	20

At 1800 on Mon. 4th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	20	2	15	00	0	0	—	12.8	21	83	18	0
SÎDI BARÂNI	360	4	13	00	0	0	—	12.5	22	69	16	0
ALEXANDRIA	360	20	35	00	0	0	—	11.8	21	74	16	0
FOUAD (Airport)	330	14	12	02	0	0	—	11.4	21	83	18	0
DAMIETTA	320	5	7	03	1	3	Cu	11.1	22	83	19	0
PORT SAʻÎD	320	13	18	02	0	3	Sc	10.6	23	74	18	0
ISMAʻILÎA	360	2	35	02	0	0	—	10.7	24	69	18	0
FAROUK (Airport)	340	9	12	00	0	0	—	[illegible]	26	70	20	0
ALMÂZA	350	9	13	00	0	0	—	10.9	26	45	13	0
EZBEKÎYA	00	0	12	00	0	0	—	11.2	26	48	14	0
GÎZA	00	0	12	00	0	0	—	11.8	25	47	13	0
HELWÂN	340	12	15	02	0	0	—	11.4	26	42	12	0
FAIYÛM	00	0	35	02	0	0	—	10.8	28	33	10	0
MINYA	360	6	8	00	0	0	—	10.3	24	54	14	0
ASYÛT MANQABÂD	350	2	8	00	0	0	—	9.8	28	45	15	0
LUXOR	320	12	12	00	0	0	—	7.6	31	17	3	0
SÎWA	340	7	10	00	0	0	—	12.2	31	28	10	0
KHARGA	360	2	15	00	0	0	—	9.8	32	24	9	0
HURGHÂDA	340	19	30	00	0	0	—	5.3	29	62	21	0
PORT SÛDÂN	340	3	18	02	0	0	—	6.1	31	59	22	0
WÂDI HALFA	340	13	30	02	0	0	—	6.0	35	30	15	0
ABU HAMAD	360	1	30	02	0	0	—	3.5	37	9	-1	0
KAREIMA	20	4	30	02	0	0	—	3.4	38	11	3	0
ʻATBARA	10	3	30	02	2	1	Ac	3.0	37	13	5	0
KHARTUM	00	0	30	01	1	4	Ac, Ci	3.9	36	20	10	0
KASSALA	00	0	30	02	1	3	Ac	3.7	33	34	15	0
EL OBEID	210	4	30	13	2	4	Sc, Ac	4.1	35	23	11	0
EL FÂSHER	140	2	30	01	2	4	Ac, Ci		33	26	11	0
MALAKÂL	270	15	30	29	2	8	Cb, Cs	6.9	30	55	20	0
JUBA	180	2	30	13	9	8	Cb, Ac	8.7	25	79	21	dr.

At 0600 on Tuesday 5th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Max. Yesterday	Max. Diff. from normal	Min. Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Total from Oct. 1st	Normal from Oct. 1st
SALUM	70	2	15	00	0	0	—	11.9	-1.1	23	27	-2			65	16	0	91	
SÎDI BARÂNI	00	0	15	00	0	0	—	11.9		23	25		16		65	16	0	108	
MATRÛH	340	5	18	03	0	4	Cu	12.0	-1.5	22			17		83	19	0	51	
EL DABʻA																			
ALEXANDRIA	310	12	50	01	1	3	Ac	11.9	-1.5	22	25	-3	20	0	74	17	0	63	186
FOUAD (Airport)	300	9	18	03	0	2	Sc	12.0		23	26		18		53	13	0	63	138
DAMIETTA	290	2	7	03	1	6	Cu	12.0	-0.2	24	25	-3	18	-1	69	18	0	Rain	106
PORT SAʻÎD	270	8	14	01	2	2	Sc	11.4	-0.7	24	26		21		65	17	0	18	
EL ʻARISH	230	7	30	02	2	7	Sc	10.8	-1.6	24			20	+3	61	16	0	Rain	94
DAMANHÛR	310	5	7	02	1	2	Cu	12.8?	-0.1	24			19	+2	74	19	0	35	101
MANṢÛRA	320	5	35	02	1	3	Ac	12.2	-0.3	25			17	-1	61	17	0	31	55
TANTA																			44
ZAGAZIG	00	0	35	02	0	0	—	12.0	-0.7	23			17	0	74	18	0	Rain	27
ISMAʻILÎA											32								
FAROUK (Airport)	40	8	12	01	1	2	Cu	12.6		22	32		18		65	15	0	Rain	
ALMÂZA	20	6	12	03	0	3	Cu	12.0	-0.5	22	31		18		65	15	0	12	
EZBEKÎYA	320	8	12	00	0	0	—	12.3	-0.2	22	31	-3	19	0	74	17	0	11	26
GÎZA	320	8	12	00	0	0	—	11.6	-0.8	23	32	-2	17	0	65	16	0	11	26
HELWÂN	360	4	15	01	1	1	Cu	12.7	+0.4	21	31	-3	18	-1	74	16	0	12	29
FAIYÛM	360	6	35	02	0	0	—	13.0?	+0.8	23	33	-2	17	-2	50	12	0	8	8
MINYA											33								
ASYÛT MANQABÂD	00	0	10	00	0	0	—	11.2	0.0	26	34		20		55	16	0	dr.	
NAGʻ HAMMÂDI																			
QENA	320	2	15	00	0	0	—	10.0	+0.4	28			22	-1	27	7	0	2	
LUXOR	360	15	30	00	0	0	—	9.7	+0.3	29	39		22		23	6	0	0	
ASWÂN																			
SÎWA	100	4	12	00	0	0	—	13.0	-0.8	26	36	-1	19	+1	37	10	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	12.3	-0.6	24			18	0	34	14	0	dr.	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	12.2	+0.8	29			21	-1	46	16	0	0	
KHARGA	360	2	15	00	0	0	—	10.4	+0.2	26	36	-3	22	-1	37	10	0	0	
SUEZ	360	4	50	00	0	0	—	10.2	-1.4	23			22	+2	65	16	0	5	17
TÔR																			13
HURGHADA	350	19	30	00	0	0	—	7.9	-1.6	25	30		24		70	19	0	8	
QUSEIR	360	19	15	02	0	0	—	7.7	-1.5	28			26	+1	52	17	0	dr.	4
PORT SÛDÀN	340	13	30	01	1	2	Ci	5.3			36		24			18	0	155	97
WÂDI HALFA											41								
ABU HAMAD											45								
KAREIMA	50	12	30	02	0	0	—	6.8		34	45		30		20	8	0	dr.	2
ʻATBARA											45								7
KHARTÛM	280	13	30	01	1	3	Ac, Ci	5.8		34	42		29		29	13	0	7	8
KASSALA											42								26
WÀD MEDANI																			28
RENK																			99
ROSEIRES																			129
EL OBEID											40								40
EL FÂSHER	00	0	30	03	2	6	Ac Cc			27	40		25		48	15	0	9	17
GENEINA																			33
MALAKÂL	200	1	30	02	2	8	Cs	7.1		27	37		23		62	19	0.3	160	215
WÀU																			393
JUBA	130	9	10	21	6	8	Ns	12.2		24	33		23		74	19	dr.	406	484

HUMIDITY %
Mean of day

Station	on 4th	Diff. from normal
Alexandria	71	-1
Ezbekiya	55	+3
Giza	53	+2
Helwan	52	+13

GÎZA
GRASS MINIMUM TEMP
on 5th 14.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On At

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Farouk Airport — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Airport — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. — On 4th At 09h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	158	26	42	280	15
950					
900					
850	1570	15	42	330	9
800					
700	3172	6	31	—	—
600	4416	-2		290	22
500	5840	-13		290	29
400					
300	9508	-41		270	36

UPPER WIND OBSERVATIONS on 4th

Station	Kharga		Matruh		Port Said		Fouad A.P.		Farouk A.P.		Asyut		Minya		Siwa		Hurghada		S. Barani						Fouad A.P.	
Time	14		14		14		14		14		14		14		14		14		14						20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	360	11	350	10	320	18	320	17	320	13	330	18	10	16	330	23	330	28	350	7					330	23
600	10	14	330	9	280	12	320	17	330	14	340	18	350	19	340	14	340	28	320	10					340	20
1000	20	16	320	13	290	23	320	20	320	16	340	18	330	17	340	17	340	24	320	10					340	23
1500			300	11	280	11			310	9	320	12	320	18	340	23	320	28	300	14					330	21
2000			320	18	280	11			300	12	310	9					260	16							310	23
3000			310	21					270	16																
4000									270	24																
5000									290	26																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 5th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			4				2																	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			350	8			280	11																
600			360	12			240	9																
1000			360	15			320	9																
1500			330	13			340	8																
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4				4		3						3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	21														
600									10	27					310	20	200	22					280	13
1000									30	17	20	34			260	35	180	14					260	17
1500									350	19	10	30			340	8	190	5					240	6
2000											350	21			50	3							130	4
3000									110	21					360	9	250	7					180	7
4000									290	11	30	25			70	7								
5000															80	8								
6000															130	2								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

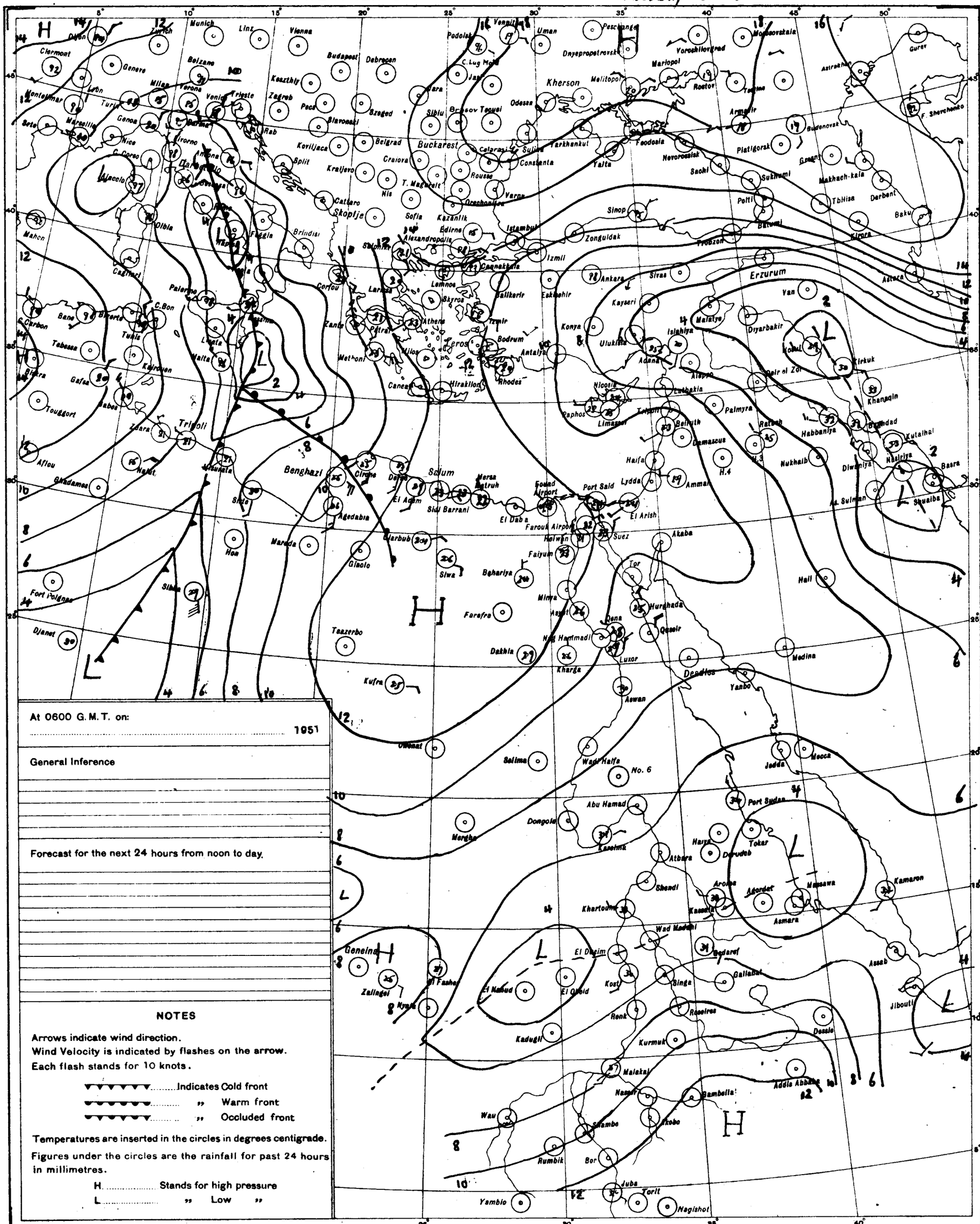
Printed by the Survey of Egypt 1949 (49,557) (50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 5 6 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain / Hail	Thunderstorm during the past hour	91
		93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 53 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: WEDNESDAY 6th JUNE, 1951

At 1200 on TUESDAY 5th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	9	35	00	0	0	—	10.4	28	45	15
	303	SIDI BARANI	30	9	30	00	0	0	—	11.0	25	65	18
	306	MATRUH	50	6	18	00	0	0	—	11.2	26	48	14
	309	EL DABA											
		ALEXANDRIA	310	13	50	00	0	0	—	11.5	24	69	18
	318	FOUAD (Airport)	320	7	18	00	0	0	—	11.2	24	74	19
	330	DAMIETTA	20	5	35	00	0	0	—	11.4	24	74	19
	333	PORT SA'ID	360	9	30	02	0	1	Cu	11.0	26	62	18
	336	EL 'ARISH			30	01	2	1	Cu	11.0	26	58	17
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	10.9	28	52	17
	342	MANSURA	320	5	35	00	1	0	—	10.3	31	43	17
	348	TANTA	310	5	35	02	0	0	—	11.1	31	38	15
	354	ZAGAZIG	320	1	35	02	0	0	—	10.7	30	52	19
	440	ISMAILIA	290	2	35	01	1	2	Cu	10.2	31	38	15
Cairo Area	366	FAROUK (Airport)	20	9	30	00	0	0	—	11.0	30	33	12
	372	ALMAZA	330	4	15	00	0	0	—	10.2	29	40	14
		EZBEKIYA	00	0	18	00	0	0	—	10.0	30	40	15
		GIZA	00	0	18	00	0	0	—	10.7	31	38	15
	378	HELWAN	340	3	35	02	0	0	—	10.3	30	31	11
Upper Egypt	381	FAIYUM	360	2	35	02	0	0	—	11.1	31	28	10
	387	MINYA	20	11	10	00	0	0	—	10.5	32	24	9
	393	ASYUT MANQABAD	310	12	30	00	0	0	—	9.3	33	24	10
	399	NAG' HAMMADI	320	2	15	00	0	0	—	8.6	35	19	8
	402	QENA	360	1	50	00	0	0	—	7.2	38	13	5
	405	LUXOR	310	9	50	00	0	0	—	6.7	36	9	2
	414	ASWAN	340	10	50	00	0	0	—	6.8	36	13	4
Oases	417	SIWA	00	0	14	00	0	0	—	11.9	35	19	8
	420	BAHARIYA	360	4	35	02	0	0	—	10.4	32	28	11
	423	FARAFRA	360	1	35	02	0	0	—	10.4	35		
	432	DAKHLA	340	5	50	00	0	0	—	9.1	35	37	18
	435	KHARGA	360	2	15	00	0	0	—	10.0	33	21	8
Red Sea	450	SUEZ	360	5	50	01	0	0	—	8.4	29	35	12
	459	TOR											
	462	HURGHADA	30	17	30	00	0	0	—	6.5	28	58	19
	465	QUSEIR	20	13	15	02	0	0	—	6.9	28	58	19
	641	PORT SUDAN	70	10	7	07	3	0	—	4.5	34	50	22
North Sudan	600	WADI HALFA	360	13	50	02	0	0	—	6.0	38	25	15
	640	ABU HAMAD	340	7	30	02	0	0	—	3.4	40	8	-1
	660	KAREIMA	20	6	30	02	0	0	—	3.3	42	11	5
	680	'ATBARA											
	721	KHARTUM	60	10	15	01	1	3	Ac, Cs	1.3	44	6	-1
	730	KASSALA	230	4	30	01	1	4	Cu, Ac	0.9	43	11	6
Central Sudan	751	WAD MEDANI	230	9	35	02	2	8	Cu	1.5	41	18	12
	801	RENK	30	5	35	02	1	6	Ac	5.8	34	47	21
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	00	0	30	03	1	6	Cu, Ac		39	21	13
	770	GENEINA	230	6	30	03	0	2	Cu, Ac		36	20	10
S. Sudan	840	MALAKAL	200	8	30	02	2	8	Cb, Ac	5.2	33	41	18
	880	WAU											
	941	JUBA	180	2	30	01	6	8	Cb, Ac	7.1	31	43	17

At 1800 on TUESDAY 5th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	120	12	15	02	0	1	Ci	9.6	23	65	16	0
SIDI BARANI	120	3	12	00	0	0	—	11.1	22	74	17	0
ALEXANDRIA	310	15	35	05	1	6	Sc	11.6	21	83	18	0
FOUAD (Airport)	350	8	12	03	0	2	Sc	11.8	21	83	18	0
DAMIETTA	340	5	7	00	0	0	—	11.2	22	78	18	0
PORT SA'ID	360	12	18	02	0	0	—	10.8	23	78	19	0
EL 'ARISH	360	8	30	03	1	2	Cu	9.9	22	78	18	0
DAMANHUR	360	5	15	02	0	0	—	11.2	23	74	18	0
MANSURA	360	5		00	0	0	—	11.0	23	74	18	0
TANTA	00	0	35	02	0	0	—	11.0	23	74	18	0
ZAGAZIG	320	2	35	02	0	0	—	10.6	25	74	20	0
ISMAILIA	20	5	35	02	0	0	—	10.6	24	41	10?	0
FAROUK (Airport)	20	15	14	00	0	0	—	10.3	29	40	14	0
ALMAZA	50	7	12	02	0	0	—	9.6	29	40	14	0
EZBEKIYA	00	0	12	00	0	0	—	10.2	28	45	15	0
GIZA	00	0	12	00	0	0	—	10.7	28	40	13	0
HELWAN	320	3	15	02	0	0	—	9.8	28	33	10	0
FAIYUM	00	0	35	02	0	0	—	10.3	27	42	13	0
MINYA	20	4	8	00	0	0	—	9.3	24	54	14	0
ASYUT MANQABAD	340	3	12	00	0	0	—	8.6	28	40	13	0
NAG' HAMMADI	360	3	35	00	0	0	—	7.4	28	49	16	0
QENA	320	2	7	00	0	0	—	7.0	30	16	1	0
LUXOR	320	7	12	00	0	0	—	6.4	30	16	1	0
ASWAN	00	0	15	00	0	0	—	6.6	34	14	3	0
SIWA	90	2	10	00	0	0	—	11.0	31	22	7	0
BAHARIYA	00	0	15	02	0	0	—	9.5	27	37	11	0
FARAFRA												
DAKHLA	340	8	50	00	0	0	—	9.6	31	9	-6	0
KHARGA												
SUEZ	360	7	35	02	0	0	—	8.7	27	52	16	0
TOR												
HURGHADA	290	10	12	00	0	0	—	6.2	26	40	11	0
QUSEIR	330	9	15	02	0	0	—	6.5	27	42	13	0
PORT SUDAN												
WADI HALFA	320	3	30	02	0	0	—	5.7	32	29	12	0
ABU HAMAD												
KAREIMA												
'ATBARA												
KHARTUM												
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL												
WAU												
JUBA												

At 0600 on WEDNESDAY 6th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	70	2	15	03	1	2	Ci	8.3	-4.6	28			20	+1	55	18	0	91	
SIDI BARANI	160	11	18	02	1	2	Ci	9.7		25	26		18		45	12	0	108	
MATRUH	180	5	18	00	0	0	—	10.9	-2.6	25	27		18		51	14	0	51	
EL DABA																			
ALEXANDRIA	130	5	50	00	0	0	—	11.4	-3.0	23	26	-2	19	-1	74	18	0	63	186
FOUAD (Airport)	100	3	18	01	1	0	—	11.0		23	23		17		74	18	0	63	138
DAMIETTA	140	2	15	00	0	0	—	11.9	-0.2	25	25	-3	18	-1	70	19	0	Rain	106
PORT SA'ID	80	6	15	03	0	2	Cu	11.0	-1.0	24	26		21		74	19	0	18	
EL 'ARISH	150	4	30	00	1	0	—	11.3	-1.0	24	27	-1	18	+1	69	18	0	Rain	94
DAMANHUR	230	5	7	02	0	0	—	11.8	-1.0	24	29	-3	18	0	69	18	0	35	101
MANSURA	40	3	35	00	0	0	—	11.2	-1.2	26	32	-1	17	-1	55	16	0	31	55
TANTA	130	2	35	02	0	0	—	11.0	-1.9	24	31	-3	16	-1	69	18	0	23	46
ZAGAZIG	40	3	35	02	0	0	—	10.8	-1.9	24	34	0	17	0	41	10?	0	Rain	27
ISMAILIA	90	2	35	01	0	0	—	11.1		24	32		19		69	18	0	17	
FAROUK (Airport)	90	10	18	00	0	0	—	11.0		25	32		18		64	15	0	Rain	
ALMAZA	70	9	14	00	0	0	—	10.9	-1.5	25	31		17		47	13	0	12	
EZBEKIYA	00	0	12	00	0	0	—	10.8	-1.6	26	32	-3	19	0	48	14	0	11	26
GIZA	00	0	12	00	0	0	—	10.7	-1.7	26	33	-1	16	-1	42	12	0	11	26
HELWAN	00	0	7	00	0	0	—	10.7	-1.5	24	31	-3	19	0	38	9	0	12	29
FAIYUM	00	0	35	02	0	0	—	10.1	-2.0	27	33	-2	19	0	42	13	0	8	8
MINYA	360	3	8	00	0	0	—	9.9	-1.5	25	33		17		61	17	0	3	
ASYUT MANQABAD	250	3	12	00	0	0	—	9.8	-1.4	27	34		20		45	14	0	dr.	
NAG' HAMMADI											35	-2							
QENA	220	1	15	00	0	0	—	8.6	-0.9	27	39	-1	21	-2	37	11	0	2	
LUXOR	00	0	30	00	0	0	—	8.1	-1.2	32	38		22		17	4	0	0	
ASWAN											37	-4							
SIWA	90	3	13	00	0	0	—	10.8	-3.0	26	38	+1	19	+1	25	4	0	1	8
BAHARIYA	00	0	35	02	0	0	—	10.7	-2.2	26	33	-3	17	-2	55	16	0	dr.	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	11.2	-0.2	27	36	-3	19	-3	27	6	0	0	
KHARGA																			
SUEZ	310	4	50	00	0	0	—	9.5	-2.1	25	33	-1	19	-1	61	17	0	5	17
TOR																			13
HURGHADA	360	6	30	00	0	0	—	7.5	-2.0	27	30		20		55	17	0	8	
QUSEIR	360	9	15	02	0	0	—	6.7	-2.4	29	30	-2	22	-3	46	16	0	4	4
PORT SUDAN	340	8	30	01	0	0	—	5.8		35	38		33		27	13	0	155	97
WADI HALFA	340	7	50	02	0	0	—	6.8		27	40		20		28	7	0	dr.	
ABU HAMAD	360	9	30	02	0	0	—	5.2		32	42		24		9	-5	0		
KAREIMA	20	11	30	02	0	0	—	5.9		32	43		25		13	0	0	dr.	2
'ATBARA	360	7	30	03	2	3	Cs	5.2		31	43		25		13	0	0	5	7
KHARTUM	230	6	30	02	1	2	Ci	6.0		31	44		26		38	15	0	7	8
KASSALA	220	6	30	01	1	3	Ci	5.8		31	44		27		43	17	0	16	27
WAD MEDANI		9	35	02	1	4	Ci	6.4			42		24			18	0	59	29
RENK																			102
ROSEIRES																			132
EL OBEID																			41
EL FASHER																			18
GENEINA																			34
MALAKAL	200	7	30	03	2	8	Sc, Ac	11.5		24	34		22		74	19	0	160	219
WAU	250	3	30	01	2	7	St, As	11.7		23	36		23		94	22	2	283	398
JUBA	230	5	30		6			12.1		23					84	20	Rain	406	489

HUMIDITY %

Mean of day

Station	on 5th	Diff. from normal
Alexandria	75	+3
Ezbekiya	56	+4
Giza	49	-2
Helwan	48	+9

GIZA

GRASS MINIMUM TEMP.

ON 6th 13.5 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs. AIRPORT — On 5th At 8h

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	158	26	42		
950					
900					
850	1460	18	30		
800					
700	3094	10	28		
600	4355	2	25		
500	5794	-9			
400					
300	9495	-42			

UPPER WIND OBSERVATIONS on 5th

Station	Fouad A.P. Dir.	Fouad A.P. Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Bamen Dir.	S. Bamen Vel.	Port Said Dir.	Port Said Vel.	Fouad A.P. Dir.	Fouad A.P. Vel.
Time	14		14		14		14		14		14		14		14		14		14		14		20		20	
Height m.																										
300	340	12	20	10	360	12	360	13	40	10	330	14	110	3	340	6	360	14	350	25	30	9	350	14	330	23
600	330	7	340	8	300	10	360	8	10	11	330	16	210	4	330	6	360	18	340	19	290	6	360	13	340	20
1000	330	7	200	14	280	8	290	10	360	23	330	18	190	3	330	5	360	22	340	21	240	7	330	19	340	23
1500			340	11	330	9	300	8	300	4	350	14	120	2	360	10	360	13	310	17	350	7	350	10	330	21
2000			360	24	360	2	330	6			330	10	10	20							20	13			310	23
3000							310	8					20	27												
4000							320	13					360	25												
5000							300	17					350	32												
6000							310	30																		
7000																										
8000																										

UPPER WIND OBSERVATIONS on 6th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					2		2						2											
Height m.																								
300					120	7	40	4					50	22										
600					110	6	40	3					20	11										
1000							60	3					20	15										
1500							360	9																
2000							20	9																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time							8		3								3		4		5		3	
Height m.																								
300							30	7	30	16														
600							20	11	30	16							200	9					210	11
1000							30	12	10	12							190	6	260	14	200	10	210	29
1500							20	17	350	12							180	4	240	7	230	5	210	15
2000							20	12									270	1	20	7	70	11		
3000									320	3									100	5			70	17
4000																			50	8				
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

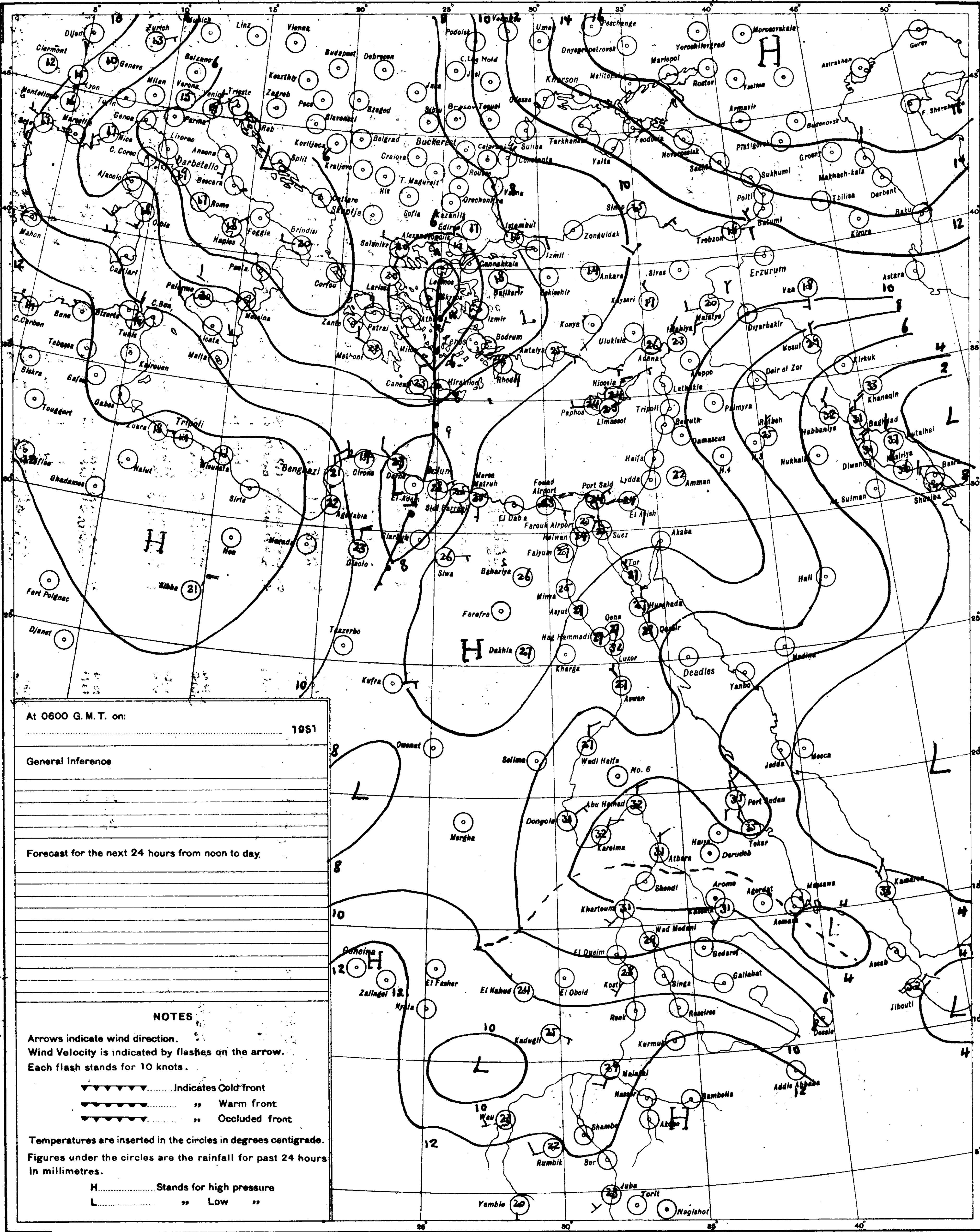
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T ON Wednesday 6/6/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
▼▼▼▼▼▼▼......... ,, Warm front
▼▼▼▼▼▼▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain / Hail } Thunderstorm during the past hour .... 91 / 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 54 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Thursday 7th June, 1951

At 1200 on Wednesday 6th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	70	5	35	03	1	3	ac	7.5	34	19	7
	303	SÎDI BARÂNI	80	12	30	01	1	1	ac	8.4	30	35	13
	306	MATRÛH	150	7	18	01	1	2	ci	9.8	33	14	2
	309	EL DABA											
		ALEXANDRIA	40	16	50	01	1	1	cu	11.6	24	69	18
	318	FOUAD (Airport)	20	8	18	02	0	0	—	11.3	27	62	19
	330	DAMIETTA	140	5	35	02	0	0	—	12.2	26	62	18
	333	PORT SA'ID	360	13	30	02	0	0	—	12.0	27	70	21
	336	EL 'ARISH	360	12	30	00	0	0	—	10.5	26	37	10
Lower Egypt	339	DAMANHUR											
	342	MANSURA											
	348	TANTA	00	0	35	02	0	0	—	11.6	34	32	15
	354	ZAGAZIG	40	1	35	02	0	0	—	10.7	33	44	19
	440	ISMA'ILIA	20	2	35	02	0	0	—	10.3	33	30	13
Cairo Area	366	FAROUK (Airport)	70	11	30	00	0	0	—	10.7	33	36	16
	372	ALMAZA	20	12	30	00	0	0	—	9.8	34	27	12
		EZBEKIYA	40	4	18	00	0	0	—	10.0	34	25	11
		GIZA	40	4	18	00	0	0	—	10.0	34	18	6
	378	HELWÂN	360	5	35	02	0	0	—	9.2	34	14	3
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	9.8	36	10	-1
	387	MINYA	340	10	10	00	0	0	—	8.9	36	20	10
	393	ASYUT MANQABÂD	320	6	30	00	0	0	—	7.6	36	24	12
	399	NAG' HAMMÂDI	270	1	35	00	0	0	—	6.9	37	22	12
	402	QENA	240	2	50	00	0	0	—	6.6	39	21	13
	405	LUXOR	20	2	30	00	0	0	—	6.0	39	9	1
	414	ASWÂN	30	3	50	00	0	0	—	6.0	38	9	0
Oases	417	SÎWA											
	420	BAHARÎYA	40	2	35	02	0	0	—	9.3	35	19	8
	423	FARAFRA	40	1	35	02	0	0	—	9.6	35	15	5
	432	DAKHLA	340	8	50	00	0	0	—	7.4	36	10	-1
	435	KHARGA	20	4	15	00	0	0	—	6.0	38	17	9
Red Sea	450	SUEZ	360	8	15	02	0	0	—	8.0	34	18	6
	459	TÛR											
	462	HURGHADA	30	9	30	00	0	0	—	6.6	28	62	20
	465	QUSEIR	360	9	15	02	0	0	—	6.5	30	52	19
	641	PORT SUDÂN	50	13	30	01	0	0	—	5.0	34	39	18
North Sudan	600	WÂDI HALFA	20	12	50	02	0	0	—	5.3	38	21	12
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	310	6	30	02	1	1	ci	2.1	42	5	-5
	721	KHARTUM	250	5	30	03	2	7	cu, ac	2.8	41	13	7
	780	KASSALA	100	2	30	03	1	4	cu, ci	1.9	41	19	13
Central Sudan	751	WÂD MEDANI	230	9	25	02	1	4	cu	4.7	38	25	15
	801	RENK	230	9	35	01		4	ac	7.9	33	41	18
	802	ROSEIRES											
	771	EL OBEID	190	13	30	02	0	1	cu	5.2	35	30	15
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	250	8	30	01	2	8	cu, ac	10.2	30	49	18
	880	WÂU											
	941	JUBA											

At 1800 on Wednesday 6th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALUM	320	13	15	01	0	1	ac, ci	8.3	23	84	20	0
SÎDI BARÂNI	110	7	18	01	1	0	—	8.4	26	42	12	0
MATRÛH	150	7	14	00	0	0	—	10.0	23	47	11	0
EL DABA												
ALEXANDRIA	40	5	35	00	0	0	—	10.7	20	83	17	0
FOUAD (Airport)	40	6	14	02	0	0	—	10.8	24	74	19	0
DAMIETTA	40	5	7	02	0	0	—	11.6	24	74	19	0
PORT SA'ID	40	13	14	02	0	0	—	11.4	24	79	20	0
EL 'ARISH	300	6	14	00	0	0	—	11.0	23	84	20	0
DAMANHUR	130	5	15	02	0	0	—	11.8	26	48	14	0
MANSURA	90	3		00	0	0	—	11.1	25	70	19	0
TANTA												
ZAGAZIG	40	3	35	02	0	0	—	10.6	26	62	18	0
ISMA'ILIA	90	2	35	02	0	0	—	10.7	25	70	19	0
FAROUK (Airport)	70	17	12	00	0	0	—	10.3	28	58	19	0
ALMAZA	70	16	12	00	0	0	—	10.0	29	40	14	0
EZBEKIYA	40	12	12	00	0	0	—	10.6	29	40	14	0
GIZA	40	12	12	00	0	0	—	10.7	30	31	11	0
HELWÂN	20	10	15	02	0	0	—	9.9	28	33	10	0
FAIYÛM	00	0	15	00	0	0	—	5.8	35	12	1	0
MINYA	350	7	8	00	0	0	—	8.2	26	42	12	0
ASYUT MANQABÂD	320	3	8	00	0	0	—	7.9	28	37	12	0
NAG' HAMMÂDI	270	1	15	00	0	0	—	7.5	28	45	15	0
QENA	270	2	7	00	0	0	—	7.1	31	28	10	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	5.8	35	12	1	0
SÎWA												
BAHARÎYA	00	0	15	02	0	0	—	9.3	32	24	9	0
FARAFRA	40	1	15	02	0	0	—	10.4	32	15	2	0
DAKHLA	340	8	50	00	0	0	—	9.5	34	6	-8	0
KHARGA												
SUEZ	360	4	35	02	0	0	—	8.8	28	40	13	0
TÛR												
HURGHADA	330	10	30	00	0	0	—	6.1	28	62	20	0
QUSEIR	330	9	15	02	0	0	—	7.2	29	35	12	0
PORT SUDÂN												
WÂDI HALFA	240	7	50	01	0	0	—	5.7			5	0
ABU HAMAD	200	2	30	02	0	0	—	4.0			-7	0
KAREIMA												
'ATBARA	360	3	30	01	0	0	—	3.1	36	12	2	0
KHARTUM	340	3	30	01	1	0	—	3.1	36	19	9	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	160	3	30	01	2	7	ac, ci		30	29	10	0
GENEINA												
MALAKÂL												
WÂU												
JUBA	180	9	30	13	2		ac	12.2	24	65	17	0

At 0600 on Thursday 7th June.

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	20	5	15	01	1	3	cu, ac	12.2	-0.7	23	37	+8	20	+1	65	16	0	97	
SÎDI BARÂNI	330	14	14	02	2	7	sc	11.9		22	35		19		57	13	0	108	
MATRÛH	350	4	15	03	0	6	cu, ac	10.9	-2.5	25	34		18		74	20	0	51	
EL DABA																			
ALEXANDRIA	130	11	50	00	0	0	—	11.2	-2.2	24	26	-2	20	0	61	16	0	63	186
FOUAD (Airport)	120	9	14	02	0	0	—	11.1		26	30		18		62	18	0	63	138
DAMIETTA	140	5	15	00	0	0	—	11.3	-0.7	26	27	-1	21	+2	74	21	0	Rain	106
PORT SA'ID											27								
EL 'ARISH	90	5	30	01	1	2	cu	11.4	-0.8	24	27	-1	18	+1	74	19	0	Rain	94
DAMANHUR	130	9	7	02	0	0	—	12.0	0.7	25	32	0	19	+1	61	17	0	35	101
MANSURA											34	+1							55
TANTA																			44
ZAGAZIG											35	+1							27
ISMA'ILIA											34								
FAROUK (Airport)	70	14	12	00	0	0	—	11.2		29	35		20		29	9	0	Rain	
ALMAZA	80	18	12	02	0	0	—	10.6	-1.8	30	35		20		35	13	0	12	
EZBEKIYA	00	0	12	00	0	0	—	11.0	-1.4	28	35	0	18	-1	37	12	0	11	26
GIZA	00	0	12	00	0	0	—	10.7	-1.6	29	35	+1	17	0	40	14	0	11	26
HELWÂN	00	0	15	02	0	0	—	10.3	-1.9	29	35	-1	22	+3	40	14	0	12	29
FAIYÛM	00	0	35	02	0	0	—	11.2	-0.9	28			20	+1	45	15	0	8	8
MINYA	00	0	8	00	0	0	—	10.2	-1.1	26	36		17		55	16	0	3	
ASYUT MANQABÂD	00	0	12	00	0	0	—	9.7	-1.4	26	37		20		45	13	0	dr.	
NAG' HAMMÂDI											37	0							
QENA	220	1	15	00	0	0	—	9.5	+0.1	27	40	0	20	-3	33	9	0	2	
LUXOR	00	0	30	00	0	0	—	8.1	-1.2	32			22		17	4	0	0	
ASWÂN	20	3	50	00	0	0	—	9.0	-0.4	30	39	-2	24	-1	21	5	0	0	
SÎWA																			8
BAHARÎYA	00	0	35	02	0	0	—	12.3	-2.5	30	37	+1	19	0	35	13	0	dr.	7
FARAFRA	270	1	35	02	0	0	—	12.3		27	40		20		30	8	0	dr.	
DAKHLA	00	0	50	00	0	0	—	10.2	1.2	29	38	-1	20	-2	23	6	0	0	
KHARGA																			
SUEZ	310	3	50	00	0	0	—	10.6	-0.9	29	35	+1	20	0	29	9	0	5	17
TÛR																			13
HURGHADA	350	13	30	00	0	0	—	8.2	-1.4	27	29		24		55	17	0	8	
QUSEIR	360	9	15	02	0	0	—	8.8	-0.2	30	30	-2	25	0	31	11	0	dr.	4
PORT SUDÂN	100	1	30	03	2	3	sc, ac	8.6		31	36		23		66	24	0	155	97
WÂDI HALFA																			
ABU HAMAD	340	1	30	03	0	1	ci	7.6		30	41		22		14	0	0		
KAREIMA	20	30	30	03	0	3	ci	8.3		30	41		22		11	-3	0	dr.	2
'ATBARA	230	3	30	01	1	1	cs	8.1		32	42		24		13	0	0	5	7
KHARTUM	210	24	7	07	1	3	ac, ci	9.1		31	42		27		49	19	0	7	9
KASSALA	180	5	30	03	1	7	cs	10.0		29	42		24		49	17	0	16	28
WÂD MEDANI																			30
RENK																			104
ROSEIRES																			136
EL OBEID																			42
EL FÂSHER	30	1	30	02	2	7	cs			27	38		22		55	17	0	9	18
GENEINA																			35
MALAKÂL																			223
WÂU	230	1	30	02	2	7	ac, cs	12.1		25	29		22		79	21	dr.	283	403
JUBA	00	0	30	03	6	8	ns, ac	14.8		23	30		22		78	19	4	410	494

HUMIDITY %

Mean of day

Station	on 6th	Diff from normal
Alexandria	66	-6
Ezbekiya	42	-10
Giza	35	-16
Helwân	33	-6

GIZA

GRASS MINIMUM TEMP. ON 7th 13.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
850					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 6th

Height m.	Matrûh Dir.	Matrûh Vel.	Fouad A-P Dir.	Fouad A-P Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Dakhla Dir.	Dakhla Vel.	S. Barani Dir.	S. Barani Vel.	Fouad A-P Dir.	Fouad A-P Vel.
Time	14		14		14		14		14		14		14		14		14		20	
300	110	12	100	11	40	14	340	21	280	13	30	8	360	10	350	7	140	17	90	15
600	140	2	100	8	40	9	350	19	300	15	30	1	40	14	340	10	170	2	70	7
1000	60	3	100	6	70	7	360	16	320	16	30	13	330	19	350	12	210	12	60	4
1500	40	3	40	14	40	9	30	17	20	18	20	22					200	10	70	15
2000	170	4			360	7			20	8							200	12		
3000									330	8							210	19		
4000									40	5							220	18		
5000									340	6										
6000																				
7000																				
8000																				

UPPER WIND OBSERVATIONS on 7th

Station	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time					2																			
300					120	19																		
600					140	24																		
1000					110	19																		
1500					110	7																		
2000					100	14																		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time											4		4				4		4					
300																								
600											340	33	10	18										
1000											350	19	30	15			190	15	240	23				
1500											310	7	20	5			200	21	290	12				
2000													360	5			210	9	20	11				
3000											280	6	230	7			290	5	40	11				
4000													00	0										
5000																			70	3				
6000													260	5										
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

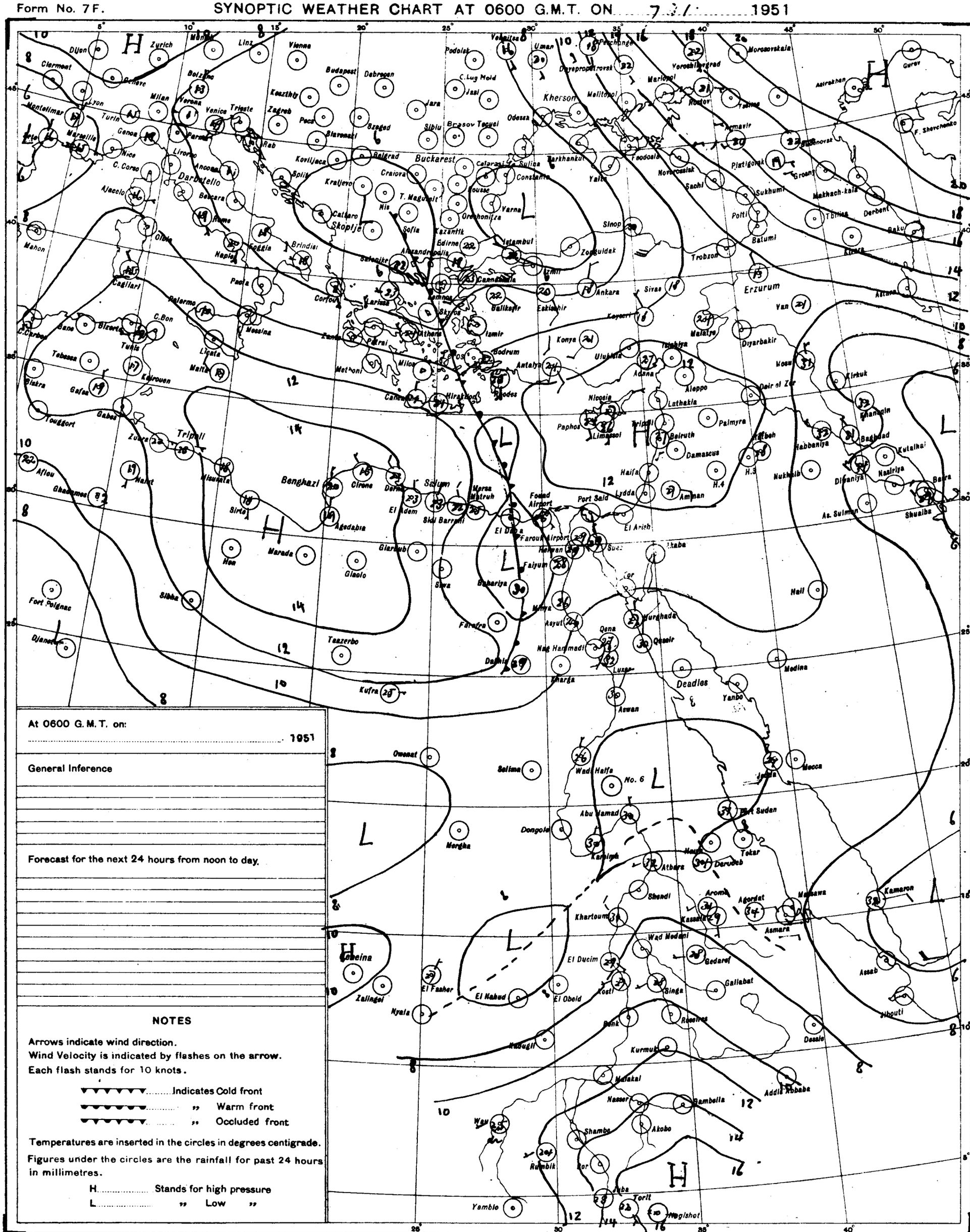
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON 7/1 1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..... Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	
Rain	60	
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	
Drizzle	5	
Rain	6	
Snow or rain and snow	7	
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

CAIRO
Time of Sunrise 02 53 G.M.T.
" " Sunset 16 54 G.M.T.

DAILY WEATHER REPORT

Date: Friday 8th June, 1951

At 1200 on Thursday 7th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms
Mediterranean	62300	SALUM	40	9	35	00	1	2	Cu	12.4	24	69	18	0
	303	SIDI BARANI	350	12	18	02	2	7	SC	12.4	24	69	18	0
	306	MATRUH	360	12	18	03	2	6	ac	11.8	25	74	20	0
	309	EL DABA												
		ALEXANDRIA	40	17	50	03	1	4	ac	10.6	27	77	23	0
	318	FOUAD (Airport)	20	11	18	02	0	2	ac	12.5	34	47	21	0
	330	DAMIETTA	20	5	35	00	0	0	—	11.8	26	66	19	0
	333	PORT SA'ID												
	336	EL 'ARISH	230	9	35	02	0	0	—	11.8	26	74	21	0
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—	11.2	35	47	22	0
	342	MANSURA	90	5	35	00	0	0	—	11.6	35	47	22	0
	348	TANTA	00	0	35	02	0	0	—	11.6	38	27	16	0
	354	ZAGAZIG	40	1	35	02	0	0	—	9.9	37	31	17	0
	440	ISMA'ILIA	40	2	35	02	0	0	—	8.8	37	22	12	0
Cairo Area	366	FAROUK (Airport)	70	14	30	00	0	0	—	8.8	39	24	15	0
	372	ALMAZA	70	11	30	02	0	0	—	8.1	39	20	12	0
		EZBEKIYA	00	0	18	00	0	0	—	8.4	40	12	6	0
		GIZA	00	0	18	00	0	0	—	8.7	40	10	2	0
	378	HELWAN	20	13	35	02	0	0	—	7.2	42	4	-9	0
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	8.4	40	15	9	0
	387	MINYA	30	5	10	00	0	0	—	7.8	40	14	8	0
	393	ASYUT MANQABAD	320	3	30	00	0	0	—	7.6	40	10	2	0
	399	NAG' HAMMADI	00	0	35	00	0	0	—	7.8	39	12	5	0
	402	QENA	360	1	50	00	0	0	—	7.4	42	12	7	0
	405	LUXOR	240	2	30	00	0	0	—	6.2	41	7	-1	
	414	ASWAN	200	3	50	00	0	0	—	6.3	41	8	0	
Oases	417	SIWA	220	4	14	02	1	3	Cu	10.3	40	12	6	
	420	BAHARIYA	360	2	35	02	0	0	—	8.8	39	14	7	
	423	FARAFRA	360	1	35	02	0	0	—	9.4	39	13	6	
	432	DAKHLA	00	0	50	00	0	0	—	6.3	40	10	2	
	435	KHARGA	00	0	35	00	0	0	—	8.0	40	15	9	
Red Sea	450	SUEZ	00	0		02	0	0	—	6.7	41	14	8	
	459	TOR	310	9	50	02	0	0	—	7.3	33	59	24	
	462	HURGHADA	40	5	30	00	0	0	—	6.4	30	70	24	
	465	QUSEIR	360	9	15	02	0	0	—	6.6	31	52	20	
	641	PORT SUDAN	50	12	30	02	1	2	Cs	5.9	35	39	19	
North Sudan	600	WADI HALFA	360	1	50	02	0	1	Ci	6.1	40	11	4	
	640	ABU HAMAD	120	1	30	02	0	1	Ci	4.2	42	7	-1	
	660	KAREIMA	90	1	30	02	1	3	Ci	4.9	41	10	3	
	680	'ATBARA	260	3	30	03	0	2	Cs	4.3	41	7	-2	
	721	KHARTUM	320	9	30	03	0	6	Cs	4.6	41	10	3	
	730	KASSALA	240	4	30	01	1	2	Cu	4.7	39	24	15	
Central Sudan	751	WAD MEDANI												
	801	RENK	230	5	35	01	2	5	Cu		30	59	21	
	802	ROSEIRES												
	771	EL OBEID	00	0	30	03	0	3	Cu, Ci	6.4	35	30	15	
	760	EL FASHER	70	10	30	03	2	7	Cu, Cs		39	20	12	
	770	GENEINA												
S. Sudan	840	MALAKAL	250	4	30	03	6	7	Cb, ac	11.5	27	66	20	
	880	WAU												
	941	JUBA	50	5	30	02	2	8	St, ac	12.0	27	66	20	

At 1800 on Thursday 7th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
SALUM	340	2	15	00	1	2	Cu	14.4	21	83	18
SIDI BARANI	350	14	14	01	1	2	SC	13.8	21	74	16
MATRUH	10	11	10	02	2	7	Cu, SC	13.2	22	83	19
EL DABA											
ALEXANDRIA	40	16	35	00	0	0	—	12.2	24	41	10
FOUAD (Airport)	40	10	14	02	0	3	ac, Ci	11.3	24	83	21
DAMIETTA	40	5	7	00	0	0	—	11.5	25	74	20
PORT SA'ID											
EL 'ARISH	360		30	00	0	0	—	10.2	24	83	21
DAMANHUR	40	9	15	02	0	0	—	11.5	27	62	19
MANSURA	00	3		00	0	0	—	11.4	27	55	17
TANTA	00	0	35	02	0	0	—	11.1	27	62	19
ZAGAZIG	40	5	35	02	0	0	—	10.4	27	77	23
ISMA'ILIA	40	5	35	02	0	0	—	10.6	25	74	20
FAROUK (Airport)	90	12	13	00	0	0	—	10.5	29	62	21
ALMAZA	80	10	12	00	0	0	—	10.1	30	46	17
EZBEKIYA	360	10	12	00	0	0	—	10.2	30	40	15
GIZA	360	10	12	00	0	0	—	10.4	30	35	13
HELWAN	20	26	15	02	0	0	—	8.6	30	35	13
FAIYUM	360	6	35	02	0	0	—	9.1	34	36	17
MINYA	00	0	8	00	0	0	—	8.0	32	31	13
ASYUT MANQABAD	230	4	12	00	0	0	—	7.7	34	9	-3
NAG' HAMMADI	360	1		00	0	0	—	9.1	33		
QENA	340	2	7	00	0	0	—	8.0	33	21	8
LUXOR											
ASWAN											
SIWA	00	0	10	02	2	5	Sc	9.9	34	20	8
BAHARIYA	360	2	15	02	0	0	—	9.5	32	20	6
FARAFRA	00	0	15	02	0	0	—	9.5	35	15	5
DAKHLA	340	5	50	00	0	0	—	9.1	37	8	-3
KHARGA	00	0	15	00	0	0	—	7.8	34	14	3
SUEZ	360	8	35	02	0	0	—	8.7	29	52	18
TOR	00	0		02	0	0	—	8.8	28	70	22
HURGHADA	00	0	12	00	0	0	—	7.9	26	55	16
QUSEIR	360	5	15	02	0	0	—	7.8	25	61	17
PORT SUDAN	340	7	30	02	0	0	—	7.5	31	59	22
WADI HALFA	00	0	30	02	0	0	—	7.0	34	16	5
ABU HAMAD	340	3	30	02	0	0	—	5.5	36	7	-6
KAREIMA	320	5	30	02	1	1	Ci	6.4	33	12	1
'ATBARA	00	0	30	01	2	4	Cs	5.5	35	16	6
KHARTUM	240	2	30	01	2	3	Ci	5.5	35	15	5
KASSALA	180	3	30	01	1	3	Ci	8.6	32	38	16
WAD MEDANI											
RENK	230	1	30	01	2	8	ac, Cs	11.9	24	83	21
ROSEIRES	00	0	30	13	1	5	Cu, Sc	10.6	28	66	21
EL OBEID	40	5	30	13	1	2	Cb	12.0	24	77	20
EL FASHER											
GENEINA											
MALAKAL	210	7	30	01	1	0	—	6.9	33	34	15
WAU	100	3	30	13	2	4	Sc, Cu		33	23	9
JUBA	230	5	30	60	8	7	Cu, Sc		29	46	16

At 0600 on Friday 8th June

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	5	15	01	1	3	Sc, Cu	15.4	+2.5	22			19	0	74	17	0	91	
SIDI BARANI	350	10	14	01	2	6	Cu, SC	15.3		22	24		20		69	16	0	108	
MATRUH	20	9	18	03	1	5	Cu	15.0	+1.6	23	26		20		83	20	0	51	
EL DABA																			
ALEXANDRIA	360	18	50	01	1	4	Cu	13.5	+0.2	23	30	+2	21	+1	83	20	0	63	186
FOUAD (Airport)	360	12	18	03	0	3	SC	13.0		24	34		19		83	21	0	63	138
DAMIETTA	340	5	15	00	0	0	—	13.1	+1.1	26	29	+1	21	+1	70	20	0	Rain	106
PORT SA'ID	360	14	17	02	0	0	—	12.6	+0.7	25			23		88	23	0	18	
EL 'ARISH											27	-1							94
DAMANHUR	40	5	15	02	0	0	—	13.1	+0.4	24	36	+4	18	0	69	18	0	35	101
MANSURA	40	3	35	00	0	0	—	13.3	+1.0	27	37	+3	20	+2	70	21	0	31	55
TANTA	310	5	35	02	0	0	—	13.5	+0.8	27	38	+4	18	+1	55	17	0	23	44
ZAGAZIG	40	3	35	02	0	0	—			27	38	+4	19	+2	70	21	0	Rain	27
ISMA'ILIA	40	2	35	02	0	0	—	12.2		26	38		21		70	20	0	17	
FAROUK (Airport)	70	10	14	00	0	0	—	12.6		25	41		20		77	21	0	Rain	
ALMAZA	60	11	15	00	0	0	—	12.0	-0.3	24	41		18		94?	23?	0	12	
EZBEKIYA	360	6	12	00	0	0	—	11.9	-0.4	26	40	+5	20	+1	74	21	0	11	26
GIZA	360	6	12	00	0	0	—	11.9	-0.3	26	41	+7	19	+2	70	20	0	11	26
HELWAN	360	8	15	02	0	0	—	11.4	-0.8	29	43	+9	22	+2	40	14	0	12	29
FAIYUM	360	6	35	02	0	0	—	11.9	-0.1	29	42	+6	21	+2	52	18	0	8	8
MINYA	10	5	10	00	0	0	—	10.5	-0.7	27	42		21		55	17	0	3	
ASYUT MANQABAD	00	0	12	00	0	0	—	10.0	-1.1	28	41		23		42	14	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	9.8	+0.3	30	41	+4	20	0	40	15	0	0.1	
QENA	270	2	15	00	0	0	—	9.6	+0.3	30	43	+3	22	-1	25	8	0	2	
LUXOR	00	0	30	00	0	0	—	8.3	-0.9	34			21		11	-1	0	0	
ASWAN	00	0	50	00	0	0	—	9.6	+0.2	31			24	-1	31	12	0	0	
SIWA	50	8	13	00	0	0	—	15.2	+1.4	26	41	+4	21	+3	42	12	0	1	8
BAHARIYA	360	3	35	02	0	0	—	11.4	-1.4	28	41	+5	23	+4	52	17	0	dr.	7
FARAFRA	360	1	35	02	0	0	—	11.9		27	41		22		23	4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	10.7	-0.6	31	42	+3	22	0	22	7	0	0	
KHARGA	40	1	35	00	0	0	—	9.9	-0.1	28	42	+3	20	-3	22	4	0	0	
SUEZ	360	5	50	00	0	0	—	10.7	-0.7	26	42	+8	21	0	74	21	0	5	17
TOR	310	9	15	02	0	0	—	8.2	-0.9	26	34	+1			84	23	0	4	13
HURGHADA	340	5	30	00	0	0	—	8.3	-1.0	28	30		21		66	21	0	8	
QUSEIR	330	5	15	02	0	0	—	8.6	-0.4	30	32	0	23	-2	25	8	0	dr.	4
PORT SUDAN	80	2	30	01	2	1	ac	7.8		33	36		24		63	25	0	155	97
WADI HALFA	00	0	50	02	0	0	—	9.8		29	42		21		17	1	0	dr.	
ABU HAMAD	310	2	30	01	0	0	—			32	43		22		11	-2	0		
KAREIMA	50	1	30	02	0	2	—	9.1		31	42		22		19	5	0	dr.	2
'ATBARA	250	4	30	02	1	3	Ci	8.6		33	42		26		12	0	0	5	7
KHARTUM	190	24	4	07	2	2	Ci	10.6		30	41		25		46	17	0	7	7
KASSALA	180	8	30	03	1	5	Cs	10.9		28	40		25		52	17	0	16	29
WAD MEDANI																			31
RENK																			107
ROSEIRES	180	6	35	02	2	7	as	12.8		23	39		20		74	18	28	50	140
EL OBEID	210	9	30	03	0	3	ac, Cs	11.9		29	37		25		55	19	0	10	43
EL FASHER											40								19
GENEINA	270	3	30	03	1	6	ac, Cs			24	37		21		57	15	0.4		36
MALAKAL	170	3	30	01	2	7	ac	14.8		24	29		18		77	20	2	12	227
WAU											34								408
JUBA	00	0	30	03	2	7	ac	14.7		23	29		21		88	21	0	410	499

HUMIDITY %

Station	Mean of day on 7th	Diff from normal
Alexandria	67	-5
Ezbekiya	36	-16
Giza	35	-16
Helwan	35	-5

GIZA GRASS MINIMUM TEMP. ON 8th 16.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 7th

Station	Siwa		Fouad A.P.		El Arish		Marghada		Minya		Kharga		Asyut		Dakhla		S. Baram						Port Said		Minya	
Time	14		14		15		14		14		14		14		14		14						20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	290	5	120	13	10	12	60	7	320	7	30	3	330	2	130	10	350	20					50	8	350	7
600	280	6			10	6	40	3	330	7	30	3	360	3	110	7	350	20					70	7	340	9
1000	250	5			330	5	110	3	320	12	30	2	350	4	140	4							80	7	340	10
1500	160	14			140	4	40	6	330	19			20	4			300	25							360	14
2000	170	2					310	9					40	9												
3000	150	27?					260	6					10	11												
4000							240	3					10	19												
5000							220	2																		
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 8th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time	8		8				8						2		8						8		
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300	330	7	10	25			360	16					10	13	360	4					320	21	
600	350	5	20	15			360	14					10	16	20	9					320	16	
1000			10	7			360	3					120	4	20	11					30	11	
1500							70	7							40	16					40	15	
2000							290	9													80	10	
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time	8				8		8		3		4		4				3		4		4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	40	16			10	2	50	5	10	7														
600	40	16			20	6	30	8	10	19	20	14	60	5			170	9					150	19
1000	30	24			50	10	30	10	10	13	30	11	60	6			190	12	230	17	180	11	160	17
1500	30	27					40	10	40	7	340	3	30	4			210	17	170	11	230	3	140	5
2000	20	27																					50	4
3000	20	13							60	11	210	13	300	10					30	13	30	13		
4000																			90	13				
5000													190	5										
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

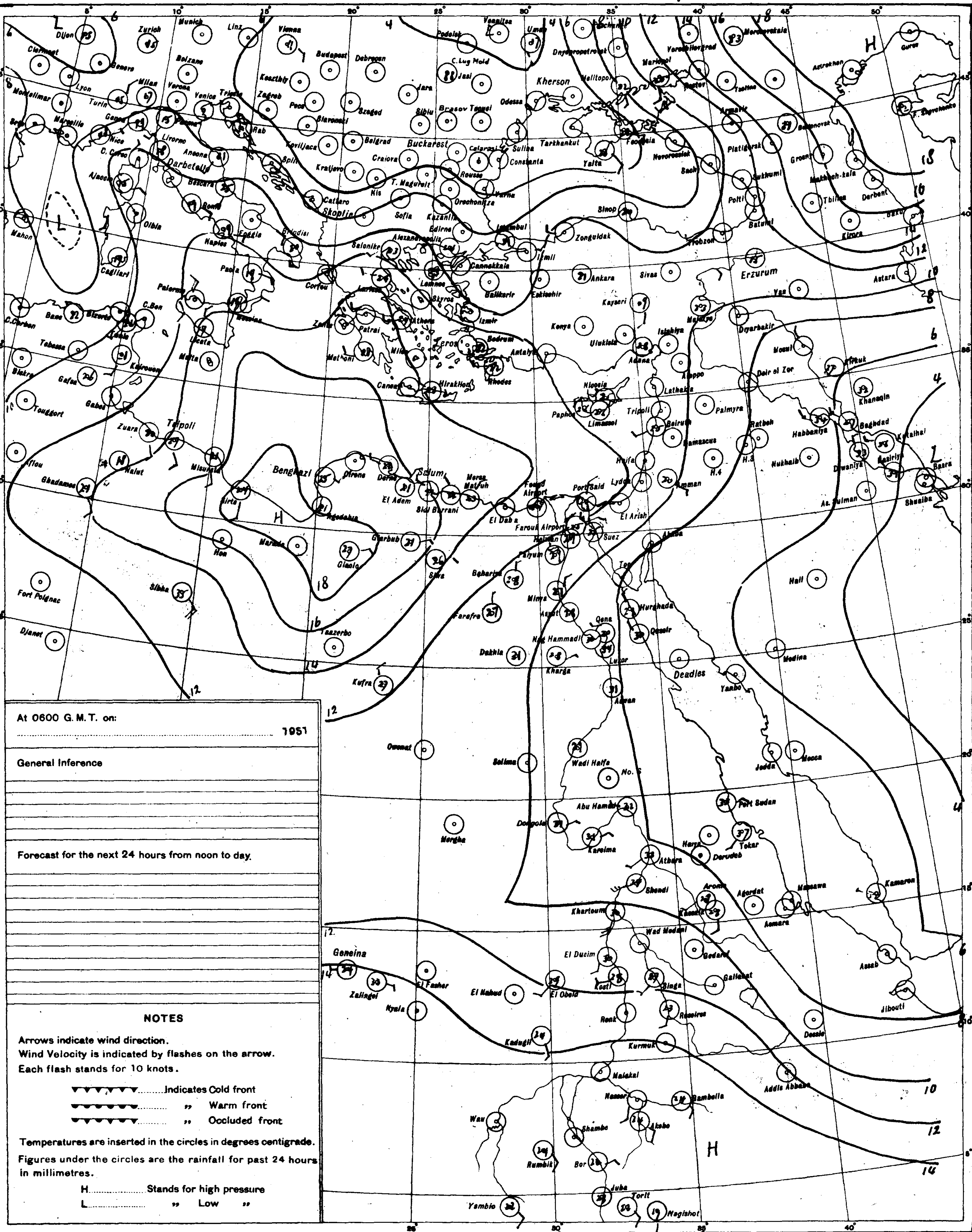
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/537).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 8.6 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
●●●●●●.......... ,, Warm front
▼●▼●▼●.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

S of E 1949(49)/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 02 53 G.M.T.
" " Sunset 16 55 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 9th June, 1951

At 1200 on Friday 8th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	13	35	00	0	0	—	15.2	24	69	18
	303	SÎDI BARÂNI	340	12	18	61	0	0	—	15.3	24	69	18
	306	MATRÛH	20	12	15	01	0	3	Cu	15.2	24	69	18
	309	EL DABA											
		ALEXANDRIA	360	23	50	00	0	0	—	13.9	24	74	19
	318	FOUAD (Airport)	330	13	18	00	0	0	—	13.8	25	74	20
	330	DAMIETTA											
	333	PORT SA'ÎD	350	16	30	02	0	0	—	12.7	26	79	22
	336	EL 'ARISH	360	6	30	00	0	0	—	11.2	28	52	17
Lower Egypt	339	DAMANHUR	40	9	15	02	0	0	—		31	43	17
	342	MANSURA											
	348	TANTA	40	5	35	02	1	0	—	12.8	33	38	17
	354	ZAGAZIG											
	440	ISMA'ÎLÎA	340	5	35	02	0	0	—	10.8	32	38	16
Cairo Area	366	FAROUK (Airport)	20	13	30	00	0	0	—	11.4	36	25	13
	372	ALMÂZA	40	13	18	00	0	0	—	10.6	35	42	20
		EZBEKÎYA	360	8	18	00	0	0	—	10.8	36	33	17
		GÎZA	360	8	18	00	0	0	—	10.6	36	29	15
	378	HELWÂN	360	11	15	02	0	0	—	10.0	38	21	12
Upper Egypt	381	FAIYÛM											
	387	MINYA											
	393	ASYÛT MANQABÂD	290	10	30	00	0	0	—	7.3	43		
	399	NAG' HAMMÂDI											
	402	QENA											
	405	LUXOR	360	6	30	00	0	0	—	6.1	43	6	-3
	414	ASWÂN											
Oases	417	SÎWA	40	7	14	00	0	0	—	14.3	36	15	6
	420	BAHARÎYA											
	423	FARAFRA	360	1	35	02	0	0	—	10.4	40	12	6
	432	DAKHLA											
	435	KHARGA	10	2	15	00	0	0	—	6.4	43	14	10
Red Sea	450	SUEZ	360	8	50	02	0	0	—	8.4	36	40	20
	459	TÛR	310	5	50	02	0	0	—	6.8	33	50	21
	462	HURGHÂDA	30	4	30	00	0	0	—	6.0	31	66	24
	465	QUSEIR											
	641	PORT SÛDÂN	70	8	30	01	1	3	ac, cs	5.8	37	33	18
North Sûdân	600	WÂDI HALFA	180	2	30	02	0	0	—	4.7	43	6	-3
	640	ABU HAMAD											
	660	KAREIMA	240	2	30	02	0	0	—	5.5	42	17	12
	680	'ATBARA	170	3	30	02	1	3	cs	4.8	42	11	6
	721	KHARTÛM	290	9	30	02	1	3	cs	5.9	39	18	11
	730	KASSALA	270	5	30	02	2	7	Cu cs	5.6	39	28	17
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA	330	2	30	03	1	2	Cu, Ci		36	20	10
S. Sûdân	840	MALAKÂL	200	5	30	02	8	8	sc, ac	10.8	30	55	20
	880	WÂU	200	6	30	03	3	7	Cu, ac	8.6	34	41	19
	941	JUBA											

At 1800 on Friday 8th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	5	15	00	0	0	—	16.2	22	65	15	0
SÎDI BARÂNI	330	10	17	01	1	0	—	15.6	21	74	16	0
MATRÛH	360	10	12	03	0	3	sc, Cu	15.4	21	88	19	0
EL DABA												
ALEXANDRIA	360	15	35	01	1	4	sc	14.4	22	83	19	0
FOUAD (Airport)	330	9	12	03	1	4	sc, Cu	13.8	22	83	19	0
DAMIETTA	340	5	7	03	1	5	sc	13.5	23	84	20	0
PORT SA'ÎD	350	12	14	03	0	2	sc	12.8	23	89	21	0
EL 'ARISH	360	4	18	00	0	0	—	11.6	24	74	19	0
DAMANHUR	40	9	15	02	0	0	—	13.1	23	84	20	0
MANSURA	40	3		00	0	0	—	13.0	25	74	20	0
TANTA	360	2	35	02	0	0	—	13.6	24			0
ZAGAZIG	40	2	35	02	0	0	—	12.6	20	95	20	0
ISMA'ÎLÎA	20	2	35	02	0	0	—	12.6	20	88	18	0
FAROUK (Airport)	20	17	12	00	0	0	—	12.7	28	52	17	0
ALMÂZA	50	20	12	00	0	0	—	12.0	28	62	20	0
EZBEKÎYA	360	8	12	00	0	0	—	12.4	28	45	15	0
GÎZA	360	8	12	00	0	0	—	12.0	28	40	13	0
HELWÂN												
FAIYÛM	360	8	35	02	0	0	—	11.9	31	43	17	0
MINYA	360	10	8	00	0	0	—	9.5	31	41	16	0
ASYÛT MANQABÂD	320	7	6	00	0	0	—	8.4	35	18	7	0
NAG' HAMMÂDI												
QENA	360	2	7	00	0	0	—	8.6	35	23	11	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	5.6	40	10	2	0
SÎWA	20	12	11	02	0	0	—	14.2	32	29	12	0
BAHARÎYA	360	4	15	02	0	0	—	11.2	30	40	15	0
FARAFRA	360	1	35	02	0	0	—	10.4	34	14	3	0
DAKHLA	340	11	50	00	0	0	—	9.6	39	5	-8	0
KHARGA												
SUEZ	360	8	35	02	0	0	—	11.7	27	58	18	0
TÛR	330	19		02	0	0	—	6.3	28	70	22	0
HURGHÂDA												
QUSEIR												
PORT SÛDÂN												
WÂDI HALFA												
ABU HAMAD												
KAREIMA	340	3	30	03	0	0	—	5.4	35	13	3	0
'ATBARA	150	3	30	02	1	4	Ci	4.7	37	12	3	0
KHARTÛM	00	0	30	01	1	4	Ci	5.6	35	23	11	0
KASSALA	10	1	30	13	1	3	cb	5.8	31	38	15	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	220	3	30	13	9	2	cb	6.9	31	38	15	0
EL FÂSHER	140	3	30	01	1	0	—		33	24	10	0
GENEINA	250	5	30	03	1	3	cs		31	33	13	0
MALAKÂL	40	2	30	03	1	5	ac, cs	10.4	25	79	21	dr.
WÂU	310	1	30	13	0	1	cb	9.4	27	66	20	0
JUBA	00	0	30	01	1	3	cb, Ci	10.0	26	79	22	0

At 0600 on Saturday 9th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	270	5	15	00	0	0	—	15.8	+2.9	22	25	-4	16	-3	74	17	0	91	
SÎDI BARÂNI	300	14	14	01	1	3	sc	15.7		22	25		16		78	18	0	108	
MATRÛH	350	12	14	00	0	0	—	15.5	+2.2	22	25		17		78	18	0	51	
EL DABA																			
ALEXANDRIA	360	11	50	02	2	5	Cu	14.6	+1.4	22	25	-3	20	0	74	17	0	63	186
FOUAD (Airport)											28								138
DAMIETTA											27	-1							106
PORT SA'ÎD	340	6	14	02	0	1	sc	14.1	+2.3	24	28		22		65	17	0	18	
EL 'ARISH	350	6	18	02	1	4	sc	12.8	+0.7	25	29	+1	22	+5	70	19	0	Rain	94
DAMANHÛR	40	9	15	02	0	0	—	13.7	+1.1	24	32	0	18	0	69	18	0	35	101
MANSÛRA	320	5	35	00	0	0	—	14.0	+1.8	25	34	0	19	+1	70	19	0	31	55
TANTA	00	0	35	02	0	0	—	13.8	+1.2	24	33	-1	19	+2	69	18	0	23	44
ZAGAZIG	320	1	35	02	0	0	—	14.3	+1.9	24	37	+3	19	+2	74	19	0	Rain	27
ISMA'ÎLÎA											35								
FAROUK (Airport)											37								
ALMÂZA											36								
EZBEKÎYA	360	6	12	02	1	5	Cu, Ci	14.3	+2.1	25	36	+1	21	+2	61	17	0	11	26
GÎZA	360	6	12	02	1	5	Cu, Ci	13.9	+1.7	24	36	+2	21	+4	61	16	0	11	26
HELWÂN																			29
FAIYÛM	360	8	35	02	0	0	—	13.9	+1.9	24	37	+3	20	+1	69	18	0	8	8
MINYA	360	14	8	00	0	0	—	11.8	+0.6	24	40		21		69	18	0	3	
ASYÛT MANQABÂD	00	0	12	00	0	0	—	12.2	+1.2	26	43		22		58	17	0	dr.	
NAG' HAMMÂDI																			
QENA	240	2	15	00	0	0	—	8.0	-1.2	32	46	+6	21	-2	24	9	0	2	
LUXOR																			
ASWÂN	00	0	50	00	0	0	—	7.6	-1.7	33	45	+4	27	+2	24	10	0	0	
SÎWA											37	0							8
BAHARÎYA	360	4	35	02	0	0	—	14.3	+1.5	23	40	+4	19	0	65	15	0	dr.	7
FARAFRA	40	1	35	02	0	0	—	14.4		29?	42		24		33	11	0	dr.	
DAKHLA	340	11	35	02	0	0	—	12.0	+0.7	31	45	+6	26	+4	28	10	0	0	
KHARGA																			
SUEZ	360	4	50	00	0	0	—	12.2	+0.8	24	38	+4	20	-1	69	18	0	5	17
TÛR	340	19	7	02	3	0	—	8.6	-0.4	26	36	+3	24	+1	70	20	0	4	13
HURGHADA																			
QUSEIR																			4
PORT SÛDÂN																			97
WÂDI HALFA																			
ABU HAMAD																			
KAREIMA											44								2
'ATBARA											43								7
KHARTÛM											41								9
KASSALA											41								30
WÂD MEDANI																			32
RENK																			109
ROSEIRES																			144
EL OBEID											37								44
EL FÂSHER											39								19
GENEINA											39								37
MALAKÂL	120	10	30	03	2	7	ac	12.6		26	31		23		66	19	dr.	16.2	231
WÂU	270	1	30	03	1	8	ac	11.5		25	35		23		79	21	0	283	413
JUBA	180	5	30	03	1	6	ac, Ci	12.7		26	32		22		79	22	0	410	504

HUMIDITY %

Mean of day

STATION	00 8th	Diff. from normal
Alexandria	81	+9
Ezbekiya	57	+4
Giza	53	+1
Helwân		

GÎZA
GRASS MINIMUM TEMP.
ON 9th 18.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On At

Pressure mbs.	Height above M.S.L. Metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On At							AIRPORT On At							AIRPORT On At					
Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 8th

Station	Kharga		Port Said		Kuinga		Siwa		Dakhla		Matruh		Asyut		Hurghada		S. Barani									
Time	14		14		14		14		14		14		14		14	15	14									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	15	340	12	10	24	40	9	340	14	340	14	300	21	360	11	330	10								
600	10	24	340	15	360	28	340	11	330	16	330	12	320	24	340	10	330	19								
1000	10	31	330	6	350	20	360	10	340	13	310	15	340	21	310	3	320	9								
1500			240	7	320	14	360	7			280	12	10	12	310	5										
2000			240	12	300	14							30	11	210	3										
3000															50	9										
4000															30	6										
5000															340	10										
6000															330	11										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 9th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4				2																
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			300	13			330	16															
600			280	17			320	14															
1000			280	16			320	12															
1500			280	18			320	10															
2000			310	23																			
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3				4				3							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									10	12													
600									10	15			30	15			230	10					
1000									360	15			30	17			210	8					
1500									20	11			20	8			180	7					
2000																	100	21					
3000									20	7			90	3									
4000																							
5000									350	7													
6000									320	12													
7000																							
8000																							

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

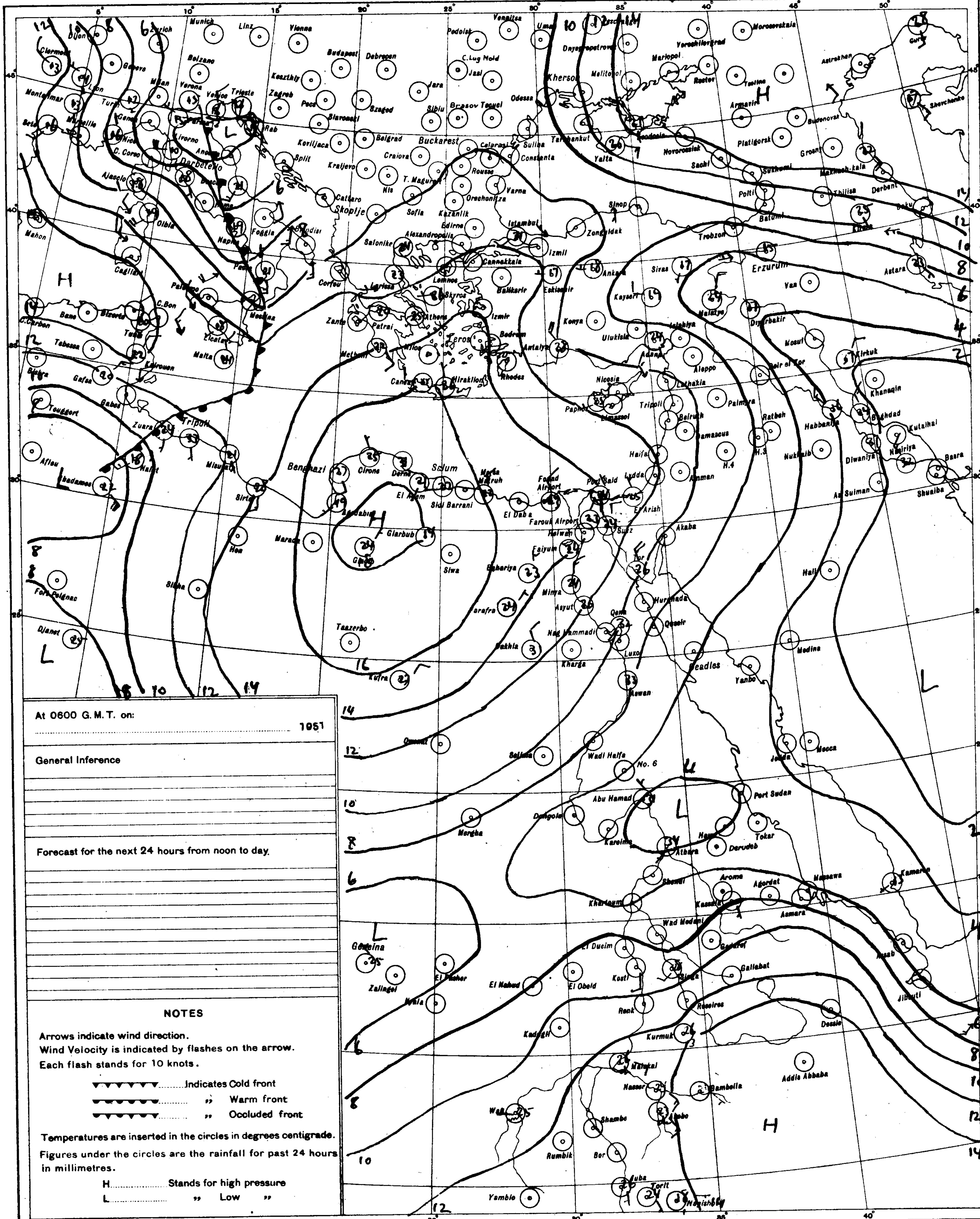
Printed by the Survey of Egypt 1949 (49/587) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 9 16 1 1951



At 0600 G.M.T. on:	1951
General Inference	
Forecast for the next 24 hours from noon to day.	

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................Stands for high pressure
L................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th. ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 53 G. M. T.
" " Sunset 16 55 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7 F.

DAILY WEATHER REPORT

Date : Sunday 10th June 1951

At 1200 on Saturday 9th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALŪM	20	9	35	00	0	0	—	14.3	27	37	11
	303	SÎDI BARÂNI											
	306	MATRÛH	20	9	18	00	0	0	—	14.9	24	74	19
	309	EL DAB'A	360	5	15	01	1	3	Cu	14.1	25	78	19
		ALEXANDRIA	270	11		00	0	0	—	14.3	25	61	17
	318	FOUAD (Airport)	320	11	18	02	0	0	—	13.9	25	74	20
	330	DAMIETTA	340	5	35	00	0	0	—	13.3	25	70	19
	333	PORT SA'ÎD	350	14	30	02	0	0	—	13.0	25	61	17
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	13	15	02	0	0	—	14.0	29	46	16
	342	MANṢURA	320	5	35	00	0	0	—	13.8	32	36	15
	348	TANTA											
	354	ZAGAZIG	320	2	50	02	0	0	—	11.8	32	43	18
	440	ISMAÎLÎA	20	2	35	02	0	0	—	11.9	31	31	12
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	40	11	15	00	0	0	—	11.7	31	29	11
		EZBEKÎYA	40	6	18	00	0	0	—	11.9	31	36	14
		GÎZA	40	6	18	00	0	0	—	12.2	32	34	14
	378	HELWÂN	360	13	15	02	0	0	—	11.8	31	28	10
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	12.2	32	28	11
	387	MINYA	340	14	10	00	0	0	—	10.9	34	20	8
	393	ASYÛT MANQABÂD	330	12	30	00	0	0	—	9.3	36	29	15
	399	NAG' HAMMÂDI	270	9	35	00	0	0	—	7.0	37	31	17
	402	QENA	270	1	50	00	0	0	—	5.5	43	22	22
	405	LUXOR											
	414	ASWÂN	360	3	50	00	0	0	—	4.3	43	11	6
Oases	417	SÎWA	360	9	14	00	0	0	—	15.8	34	10	-2
	420	BAHARÎYA	360	5	35	02	0	0	—	12.0	33	24	10
	423	FARAFRA	360	1	35	02	0	0	—	11.2	34	13	2
	432	DAKHLA	340	11	50	00	0	0	—	8.0	38	13	5
	435	KHARGA	360	16	7	00	0	0	—	8.8	37	22	12
Red Sea	450	SUEZ	360	8	50	01	0	0	—	9.5	32	24	9
	459	TÔR											
	462	HURGHÂDA											
	465	QUSEIR	330	12	15	02	0	0	—	6.6	32	49	20
	641	PORT SÛDÂN	90	10	30	01	0	2	ac,ci	3.5	38	35	20
North Sûdân	600	WÂDI HALFA	20	7	30	02	0	0	—	4.5	43	12	8
	640	ABU HAMAD	230	1	30	02	0	1	Ci	2.6	44	4	-7
	660	KAREIMA	340	4	30	02	0	0	—	3.3	44	16	13
	680	'ATBARA	360	6	30	02	2	8	CS	2.4	43	5	-6
	721	KHARTÛM	300	7	30	02	2	7	ac,CS	4.4	40	17	11
	730	KASSALA	270	4	30	02	1	3	CS	4.0	38	25	15
Central Sûdân	751	WÂD MEDANI	230	9	35	02	2	6	Cu	3.9	39	20	12
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	130	5	30	02	0	6	Cu,ac	8.3	34	39	18
	880	WÂU	130	6	30	03	1	5	Cu,Cc		34	39	18
	941	JUBA	50	5	30	02	2	6	Cu,Cs	8.0	33	50	21

At 1800 on Saturday 9th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM												
SÎDI BARÂNI												
MATRÛH	360	8	12	03	1	3	NS	14.7	22	83	19	0
EL DAB'A	320	4	15	01	1	3	Cu	13.3	22	83	19	0
ALEXANDRIA	360	12	35	00	0	0	—	13.5	22	83	19	0
FOUAD (Airport)	320	8	12	02	0	0	—	13.2	22	89	20	0
DAMIETTA	340	5	7	02	0	0	—	13.4	23	84	20	0
PORT SA'ÎD	340	13	15	02	0	0	—	12.8	24	69	18	0
EL 'ARISH	350	8	18	00	0	0	—	11.7	23	69	17	0
DAMANHUR	40	5	15	02	0	0	—	13.1	23	74	18	0
MANṢURA	360	5		00	0	0	—	12.8	24	69	18	0
TANTA	00	0	35	02	1	0	—	12.6	23	74	18	0
ZAGAZIG	320	1	35	02	0	0	—	12.3	25	61	17	0
ISMAÎLÎA	360	3	35	02	0	0	—	12.4	24	61	16	0
FAROUK (Airport)	20	14	12	00	0	0	—	12.8	29	37	13	0
ALMÂZA	40	16	12	00	0	0	—	11.8	27	37	11	0
EZBEKÎYA	360	14	12	00	0	0	—	12.0	28	37	12	0
GÎZA	360	14	12	00	0	0	—	12.7	26	42	12	0
HELWÂN	360	13	15	02	0	0	—	11.9	27	33	9	0
FAIYÛM	360	4	35	02	0	0	—	12.0	28	27	7	0
MINYA	340	6	8	00	0	0	—	10.4	26	45	13	0
ASYÛT MANQABÂD	310	4	12	00	0	0	—	9.5	27	42	13	0
NAG' HAMMÂDI	270	2	15	00	0	0	—	8.8	30	31	11	0
QENA	220	2	7	00	0	0	—	6.2	36	17	7	0
LUXOR												
ASWÂN	360	6	50	00	0	0	—	4.0	40	12	6	0
SÎWA	40	4	11	00	0	0	—	13.8	30	22	6	0
BAHARÎYA	360	2	15	02	0	0	—	12.3	28	33	10	0
FARAFRA	360	1	15	02	0	0	—	12.4	27	23	4	0
DAKHLA	320	2	50	00	0	0	—	9.3	28	11	-5	0
KHARGA												
SUEZ	360	7	35	02	0	0	—	10.7	25	47	13	0
TÔR												
HURGHÂDA	330	23	18	00	0	0	—	5.3	30	40	15	0
QUSEIR	360	9	15	02	0	0	—	6.0	29	69	20	0
PORT SÛDÂN												
WÂDI HALFA	00	0	30	02	0	0	—	3.6	40	12	6	0
ABU HAMAD	310	4	30	02	0	0	—	2.3	37	6	-7	0
KAREIMA	330	8	30	02	0	0	—	3.5	37	17	8	0
'ATBARA	310	2	30	01	1	2	ac,CS	2.4	37	13	5	0
KHARTÛM	200	1	30	01	1	1	Cu	3.9	36	22	11	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	250	19	10	95	9	8	cb,ac	7.9	24	74	19	23
EL FÂSHER	200	7	30	13	2	7	Sc,Cu		32	36	15	0
GENEINA	180	6	30	01	1	4	ac,Cu		31	29	11	0
MALAKÂL	90	4	30	03	2	5	ac	7.7	29	43	15	0
WÂU	00	0	30	13	1	2	cb,ac	6.7	31	59	22	0
JUBA	180	9	30	13	1	3	cb	8.7	27	66	20	0

At 0600 on Sunday 10th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temp. Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM																			
SÎDI BARÂNI																			
MATRÛH	300	3	14	00	0	0	—	14.3	+1.1	25	26		17		58	16	0	51	
EL DAB'A	290	2	15	02	1	5	Sc,Cu			22	26		17		83	19	0	54	
ALEXANDRIA	360	11	50	00	0	0	—	13.1	0.0	23	26	-2	21	+1	78	19	0	63	186
FOUAD (Airport)	310	6	18	02	0	0	—	13.1		25	26		19		84	22	0	63	138
DAMIETTA	340	2	15	00	0	0	—	13.3	+1.5	25	26	-2	17	-3	70	19	0	Rain	106
PORT SA'ÎD											25								
EL 'ARISH											27	-1							94
DAMANHÛR	230	5	15	02	0	0	—	13.6	+1.1	25	30	-2	18	0	70	19	0	35	101
MANṢÛRA	40	3	35	00	0	0	—	13.3	+1.1	25	32	-2	19	+1	70	19	0	31	55
TANTA	00	0	35	02	0	0	—	14.2	+1.6	26	31	-3	16	-1	55	16	0	23	44
ZAGAZIG	40	1	50	02	0	0	—	12.7	+0.3	25	34	0	17	0	70	19	0	Rain	27
ISMAÎLÎA	360	2	35	02	0	0	—	12.6		25	32		19		70	19	0	17	
FAROUK (Airport)	360	5	18	00	0	0	—	13.5		22	32		18		78	18	0	Rain	
ALMÂZA	20	8	18	00	0	0	—	13.0	+0.8	23	32		21		74	18	0	12	
EZBEKÎYA	360	6	12	00	0	0	—	13.1	+0.9	23	32	-3	19	0	74	18	0	11	26
GÎZA	360	6	12	00	0	0	—	13.0	+0.9	23	33	-2	17	0	74	18	0	11	26
HELWÂN	360	9	15	02	0	0	—	12.8	+0.8	23	32	-2	19	-1	65	16	0	12	29
FAIYÛM	360	8	35	02	0	0	—	12.5	+0.6	24	34	-2	18	-1	69	18	0	8	8
MINYA	10	16	8	00	0	0	—	11.7	+0.6	24	35		18		61	16	0	3	
ASYÛT MANQABÂD	360	10	12	00	0	0	—	10.7	-0.2	24	36		18		54	14	0	dr.	
NAG' HAMMÂDI	270	3	15	00	0	0	—	9.1	-0.3	25	38	0	19	-1	47	13	0	0.1	
QENA	270	3	15	00	0	0	—	7.5	-1.7	28	45	+5	23	0	27	7	0	2	
LUXOR																			
ASWÂN	340	6	50	00	0	0	—	7.6	-1.6	32	44	+3	26	0	24	9	0	0	
SÎWA	00	0	13	00	0	0	—	15.1	+1.4	26	36	-1	18	-1	42	12	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	13.3	+0.6	25	34	-2			54	15	0	dr.	7
FARAFRA	360	1	35	02	0	0	—	14.3		23			18		38	8	0	dr.	
DAKHLA	340	8	50	00	0	0	—	12.4	+1.2	26	38	-1	21	-1	42	12	0	0	
KHARGA																			
SUEZ	360	4	50	00	0	0	—	11.2	-0.1	24	33	-2	18	-3	69	20	0	5	17
TÔR																			13
HURGHADA	350	26	30	00	0	0	—	7.1	-2.0	25	31		22		61	17	0	8	
QUSEIR	360	13	15	02	0	0	—	7.2	-1.6	28	33	0	26	+1	45	15	0	dr.	4
PORT SÛDÀN																			97
WÂDI HALFA											44								
ABU HAMAD											45								
KAREIMA																			2
'ATBARA											44								7
KHARTÛM											41								9
KASSALA																			30
WÂD MEDANI																			33
RENK																			112
ROSEIRES																			147
EL OBEID											38								45
EL FÂSHER											39								20
GENEINA											38								39
MALAKÂL											35								235
WÂU											36								418
JUBA											33								509

HUMIDITY % Mean of day

Station	on 9th	Diff. from normal
Alexandria	74	+2
Ezbekiya	48	-5
Giza	48	-4
Helwan	45	+5

GÎZA
GRASS MINIMUM TEMP.
ON 10th 15.4 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent
On At

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	... AIRPORT Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	... AIRPORT Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

On At (each)

UPPER WIND OBSERVATIONS on 9th

Station	Siwa		Port Said		Matruh		Minya	
Time	14		14		14		14	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	12	340	16	330	14	340	30
600	40	10	330	19	330	13	350	35
1000	40	6	320	20	340	10	360	19
1500	360	8	330	14	360	15	40	10
2000			270	16				
3000								
4000								
5000								
6000								
7000								
8000								

UPPER WIND OBSERVATIONS on 10th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SA'ÎD		EL 'ARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time			4																					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			340	14																				
600			10	18																				
1000			20	23																				
1500			20	25																				
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time																								
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600																								
1000																								
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

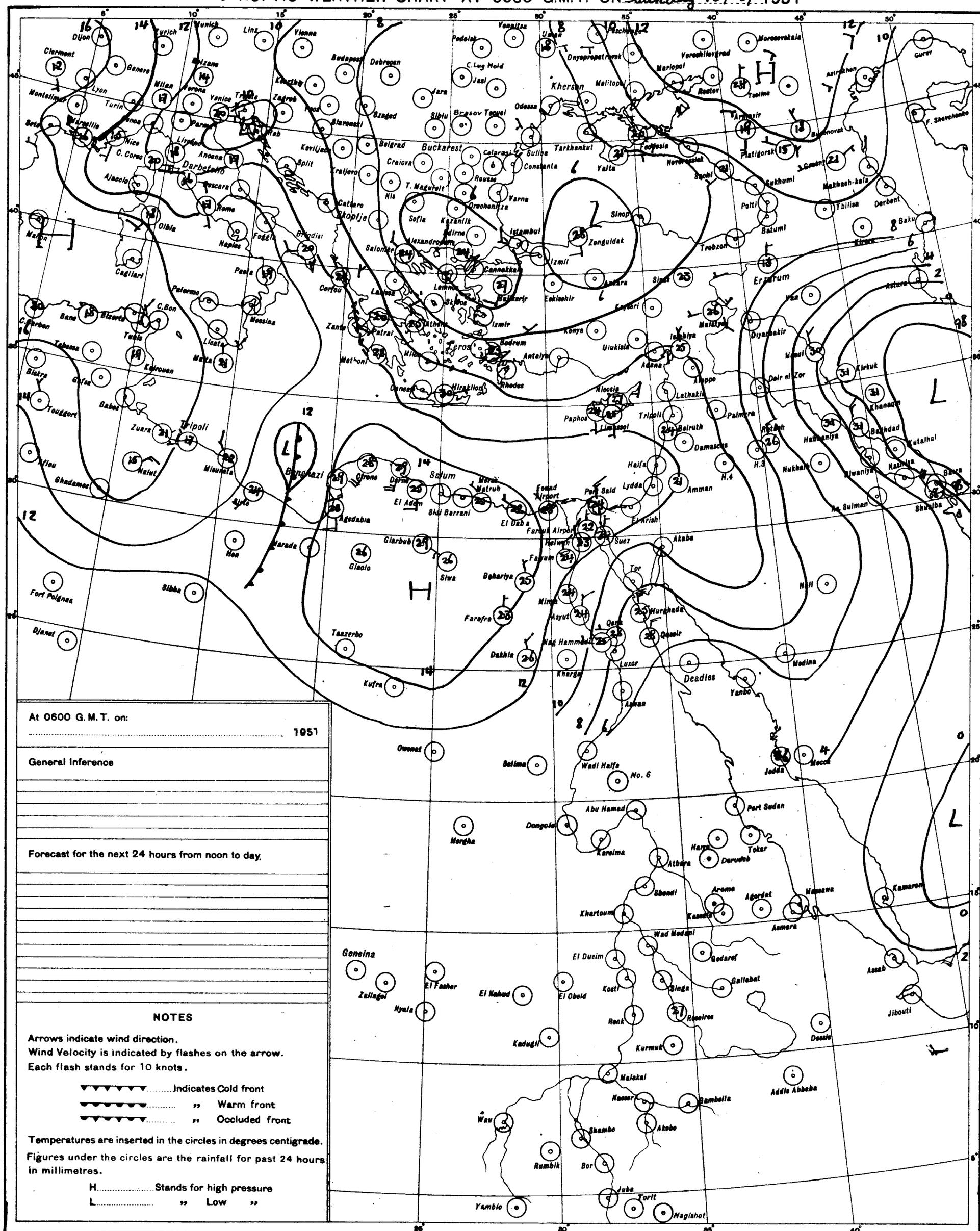
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 10/6/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	
Dust in the air	06	
,, or sand raised by wind	07	
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	
Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	
Rain	21	
Showers of rain	25	
,, ,, hail	27	
Fog	28	
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	▽
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 56 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 11th June, 1951

At 1200 on Sunday 10th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	70	2	35	00	0	0	—	12.2	35	20	9
	303	SÎDI BARÂNI	20	9	30	00	0	0	—	13.1	28		
	306	MATRÛH	60	6	18	00	0	0	—	12.3	32	38	16
	309	EL DABA	320	4	35	00	0	0	—	11.7	30	40	15
		ALEXANDRIA											
	318	FOUAD (Airport)	340	10	18	02	0	0	—	12.1	28	79	24
	330	DAMIETTA	340	5	35	02	0	0	—	11.9	28	58	19
	333	PORT SA'ID	360	8	18	02	0	0	—	11.6	26	70	20
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	230	5	15	02	0	0	—	12.7	33	38	17
	342	MANSURA	40	5	35	00	0	0	—	11.5	35	42	20
	348	TANTA	360	8	35	02	0	0	—	12.2	35	23	11
	354	ZAGAZIG	320	3	50	02	0	0	—	11.4	34	41	19
	440	ISMA'ILIA	360	2	35	02	0	0	—	10.7	34	27	12
Cairo Area	366	FAROUK (Airport)	20	14	30	00	0	0	—	11.2	34	34	16
	372	ALMAZA	50	16	18	00	0	0	—	10.3	33	24	10
		EZBEKIYA	00	0	18	00	0	0	—	10.4	34	37	13
		GIZA	00	0	18	00	0	0	—	10.7	33	30	13
	378	HELWAN	360	8	35	02	0	0	—	10.0	34	18	6
Upper Egypt	381	FAIYUM	360	5	35	02	0	0	—	10.7	33	24	10
	387	MINYA	360	17	8	00	0	0	—	9.0	34	23	10
	393	ASYUT MANQABAD	350	12	30	00	0	0	—	7.0	37	11	2
	399	NAG' HAMMADI	270	2	35	00	0	0	—	6.9	36	25	13
	402	QENA	290	2	50	00	0	0	—	5.8	39	21	13
	405	LUXOR	270	3	30	00	0	0	—	4.5	36	10	-1
	414	ASWAN	290	3	50	00	0	0	—	4.0	41	10	4
Oases	417	SIWA	70	3	14	00	0	0	—		36	18	8
	420	BAHARIYA	360	3	35	02	0	0	—	11.2	35	23	11
	423	FARAFRA	40	1	35	02	0	0	—	11.4	34	32	15
	432	DAKHLA											
	435	KHARGA											
Red Sea	450	SUEZ	360	8	50	02	0	0	—	8.3	33	24	10
	459	TOR											
	462	HURGHADA	20	16	30	00	0	0	—	4.9	28	66	21
	465	QUSEIR	360	9	15	02	0	0	—	5.1	30	59	21
	641	PORT SUDAN	80	15	30	01	2	1	ac	2.5	37	50	25
North Sudan	600	WADI HALFA	340	5	30	02	0	0	—	5.4	41	19	13
	640	ABU HAMAD	360	4	30	03	0	1	Cu		44	8	3
	660	KAREIMA	330	10	30	02	0	0	—	2.2	44	13	10
	680	'ATBARA											
	721	KHARTUM	250	3	30	02	0	2	ac, Cc	2.1	42	11	5
	730	KASSALA											
Central Sudan	751	WAD MEDANI	230	9	35	02	1	3	Cu	2.6	41	16	10
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	70	2	30	01	2	6	Cu, ac, Cc		36	35	18
	770	GENEINA											
S. Sudan	840	MALAKAL	200	4	30	03	2	5	Cu, ac, Cc	5.5	37	31	17
	880	WAU	230	3	30	03	1	4	—	5.9	36	31	16
	941	JUBA	130	5	30	03	1	6	cb, c	6.5	33	50	21

At 1800 on Sunday 10th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
SALUM	00	0	15	00	0	0	—	12.7				0
SIDI BARANI												
MATRUH	00	0	18	00	0	0	—	13.2	23	74	18	0
EL DABA												
ALEXANDRIA	360	13	35	00	0	0	—	12.7	24	74	19	0
FOUAD (Airport)	360	6	14	02	0	0	—	12.4	24	84	21	0
DAMIETTA	340	2	7	02	0	0	—	12.2	25	74	20	0
PORT SA'ID	350	14	14	02	0	0	—	11.6	24	89	22	0
EL 'ARISH	360	8	18	00	0	0	—	10.7	27	66	20	0
DAMANHUR	40	5	15	02	0	0	—	11.8	24	74	19	0
MANSURA	20	3		00	0	0	—	11.4	26	70	20	0
TANTA	00	0	35	02	0	0	—	12.7	26	55	16	0
ZAGAZIG	320	1	35	02	0	0	—	12.7	27	70	21	0
ISMA'ILIA	20	2	35	02	0	0	—	13.1	26	62	18	0
FAROUK (Airport)	50	18	12	00	0	0	—	10.9	31	31	12	0
ALMAZA	40	14	12	00	0	0	—	10.3	32	24	9	0
EZBEKIYA	360	6	12	00	0	0	—	10.8	29	40	14	0
GIZA	360	6	12	00	0	0	—	11.1	31	28	10	0
HELWAN	360	9	15	02	0	0	—	10.3	31	22	7	0
FAIYUM	360	5	35	02	0	0	—	10.4	31	28	10	0
MINYA	350	7	8	00	0	0	—	8.4	27	40	12	0
ASYUT MANQABAD	290	10	12	00	0	0	—	6.0	28	35	11	0
NAG' HAMMADI	00	0	15	00	0	0	—		31	38	15	0
QENA	290	2	7	00	0	0	—	5.6	34	18	6	0
LUXOR												
ASWAN												
SIWA	00	0	10	00	0	0	—	12.3	33	21	8	0
BAHARIYA	360	3	15	02	0	0	—	10.4	32	34	14	0
FARAFRA												
DAKHLA	340	8	50	00	0	0	—	10.8	32	15	2	0
KHARGA												
SUEZ	360	7	35	02	0	0	—	9.5	28	40	13	0
TOR												
HURGHADA	330	11	12	00	0	0	—	4.3	29	59	20	0
QUSEIR	360	9	15	03	0	0	—	4.6	29	52	18	0
PORT SUDAN	00	0	30	02	0	0	—	3.6	31	55	21	0
WADI HALFA	350	14	30	02	0	0	—				10	0
ABU HAMAD	360	3	30	02	0	0	—		37	8	-3	0
KAREIMA												
'ATBARA	360	4	30	01	2	1	Cs	1.4	36	13	4	0
KHARTUM	320	1	30	02	1	5	ac, Cc	2.2	36	22	11	0
KASSALA	00	0	30	01	0	0	—	7.2	31	38	15	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	210	13	30	13	2	7	cb, Cs	5.0	29	49	17	0
EL FASHER												
GENEINA												
MALAKAL	310	11	4	95	9	8	cb, ac	9.3	22	94	21	21
WAU												
JUBA	180	9	30	17	2	8	cb, ac	9.5	25	70	19	0

At 0600 on Monday 11th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM											36	+7							
SIDI BARANI																			
MATRUH	250	2	18	00	0	0	—	11.8	-1.4	31	34		18		28	10	0	51	
EL DABA																			
ALEXANDRIA	270	6	50	02	0	0	—	12.0	-1.1	25	27	-1	21	+1	70	19	0	63	186
FOUAD (Airport)	220	7	18	02	0	0	—	12.5		25	28		17		84	22	0	63	138
DAMIETTA	200	2	15	00	0	0	—	11.9	+0.2	26	29	+1	19	-1	62	18	0	Rain	106
PORT SA'ID	220	6	14	02	0	0	—	11.5	-0.2	27	28		23		70	21	0	18	
EL 'ARISH	110	9	18	00	0	0	—	10.6	-1.3	23	27	-1	18	+1	89	21	0	Rain	94
DAMANHUR	270	9	15	02	0	0	—	12.7	+0.3	27	34	+2	19	+1	62	19	0	35	101
MANSURA	290	2	35	00	0	0	—	11.4	-0.2	28	37	+3	19	+1	58	19	0	31	55
TANTA	00	0	35	02	0	0	—	12.6	+0.1	27	35	+1	17	0	52	16	0	23	44
ZAGAZIG	220	2	35	02	0	0	—	11.5	-0.8	25	35	+1	18	+1	74	20	0	Rain	27
ISMA'ILIA	160	2	35	02	0	0	—	11.6		27	34		20		70	21	0	17	
FAROUK (Airport)	70	9	12	00	0	0	—	12.0		28	36		20		55	18	0	Rain	
ALMAZA	50	5	15	02	0	0	—	11.2	-0.9	28	36		20		45	15	0	12	
EZBEKIYA	00	0	12	00	0	0	—	12.5	-0.6	28	36	+1	21	+2	55	18	0	11	26
GIZA	00	0	12	00	0	0	—	11.4	-0.7	27	35	0	18	+1	62	19	0	11	26
HELWAN	00	0	7	05	0	0	—	11.6	-0.4	26	35	+1	21	+1	58	16	0	12	29
FAIYUM	360	6	35	02	0	0	—	12.2	+0.4	27	36	0	20	+1	55	17	0	8	8
MINYA	20	8	10	00	0	0	—	10.7	-0.3	26	35		20		55	16	0	3	
ASYUT MANQABAD	340	6	12	00	0	0	—	8.9	-2.0	27	38		20		37	11	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	7.9	-1.4	26	40	+2	20	0	55	16	0	0.1	
QENA	290	2	15	00	0	0	—	7.4	-1.7	26	40	0	21	-2	42	12	0	2	
LUXOR	340	4	30	00	0	0	—	7.3	-1.7	30			20		25	8	0	0	
ASWAN	360	3	50	00	0	0	—	6.3	-2.9	28			23	-3	27	7	0	0	
SIWA	00	0	13	00	0	0	—	13.5	-0.2	31	39	+2	20	+1	24	8	0	1	8
BAHARIYA	40	3	35	02	0	0	—	11.6	-1.1	30	36	0	23	+4	35	13	0	dr.	7
FARAFRA																			
DAKHLA	20	8	35	02	0	0	—	9.3	-1.9	30	36	-3	25	+3	31	11	0	0	
KHARGA													22						
SUEZ	00	0	50	00	0	0	—	10.2	-1.1	29	34	-1	21	0	46	16	0	5	17
TOR																			13
HURGHADA	340	18	30	00	0	0	—	6.5	-2.5	28	31		23		62	17	0	8	
QUSEIR	360	9	15	02	0	0	—	6.6	-2.1	30	31	-2	26	0	59	21	0	dr.	4
PORT SUDAN	360	1	30	02	1	8	Cs	3.0		30	40		24		52	20	0	155	97
WADI HALFA	00	0	30	02	0	0	—	6.8		29	42		21		31	10	0	dr.	
ABU HAMAD											45								
KAREIMA	360	2	10	02	0	0	—	4.9		35	45		29		8	-5	0	dr.	2
'ATBARA											45								7
KHARTUM	00	0	50	01	2	6	ac, Cs	5.7		33	43		26		19	6	0	7	10
KASSALA	200	9	30	03	1	4	ac	5.6		30	42		27		43	16	0	16	31
WAD MEDANI																			34
RENK																			115
ROSEIRES																			151
EL OBEID	220	8	30	03	1	7	Cs	8.1		27	37		25		55	17	0	10	46
EL FASHER	40	3	30	03	2	7	Cs			26	38		21		51	15	0	9	20
GENEINA	270	3	30	03	1	6	ac, Cs			26	36		22		51	15	dr.		41
MALAKAL											38								239
WAU																			423
JUBA											33								514

HUMIDITY % Mean of day

Station	on 10th	Diff. from normal
Alexandria	73	+1
Ezbekiya	54	+1
Giza	47	-5
Helwan	38	-2

GIZA GRASS MINIMUM TEMP ON 11th 15.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ... At ...

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 10th

Height m.	Asyut Dir.	Asyut Vel.	Port Said Dir.	Port Said Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Hurghada Dir.	Hurghada Vel.	Helwan Dir.	Helwan Vel.	El Arish Dir.	El Arish Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14	15	14		20	15	20	
300	340	19	360	12	40	3	290	31	340	25	50	4	350	9	360	17
600	350	23	350	9	30	3	290	33	330	18	290	8	70	10	360	14
1000	350	26	360	10	30	3	290	25	190	14	280	14	40	10	350	19
1500	360	32	20	14					300	18	260	20	10	18	10	19
2000			20	19					260	6	250	9	70	6	10	21
3000									310	9			70	5		
4000																
5000																
6000																
7000																
8000																

UPPER WIND OBSERVATIONS on 11th

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time			4				2																	
300			320	6			210	2																
600			310	11			340	17																
1000							340	24																
1500							340	28																
2000							340	33																
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time									3				4						4		4		3	
300									360	8														
600									360	17			360	21									190	14
1000									350	15			360	18					250	21	330	14	170	9
1500									350	19			350	16					330	12	350	13	120	8
2000																								
3000									130	4			290	7					350	12	60	23	40	19
4000																			60	18	70	14		
5000									340	8									90	21			70	19
6000									340	7									140	11				
7000																								
8000																								

Remarks: 1 Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

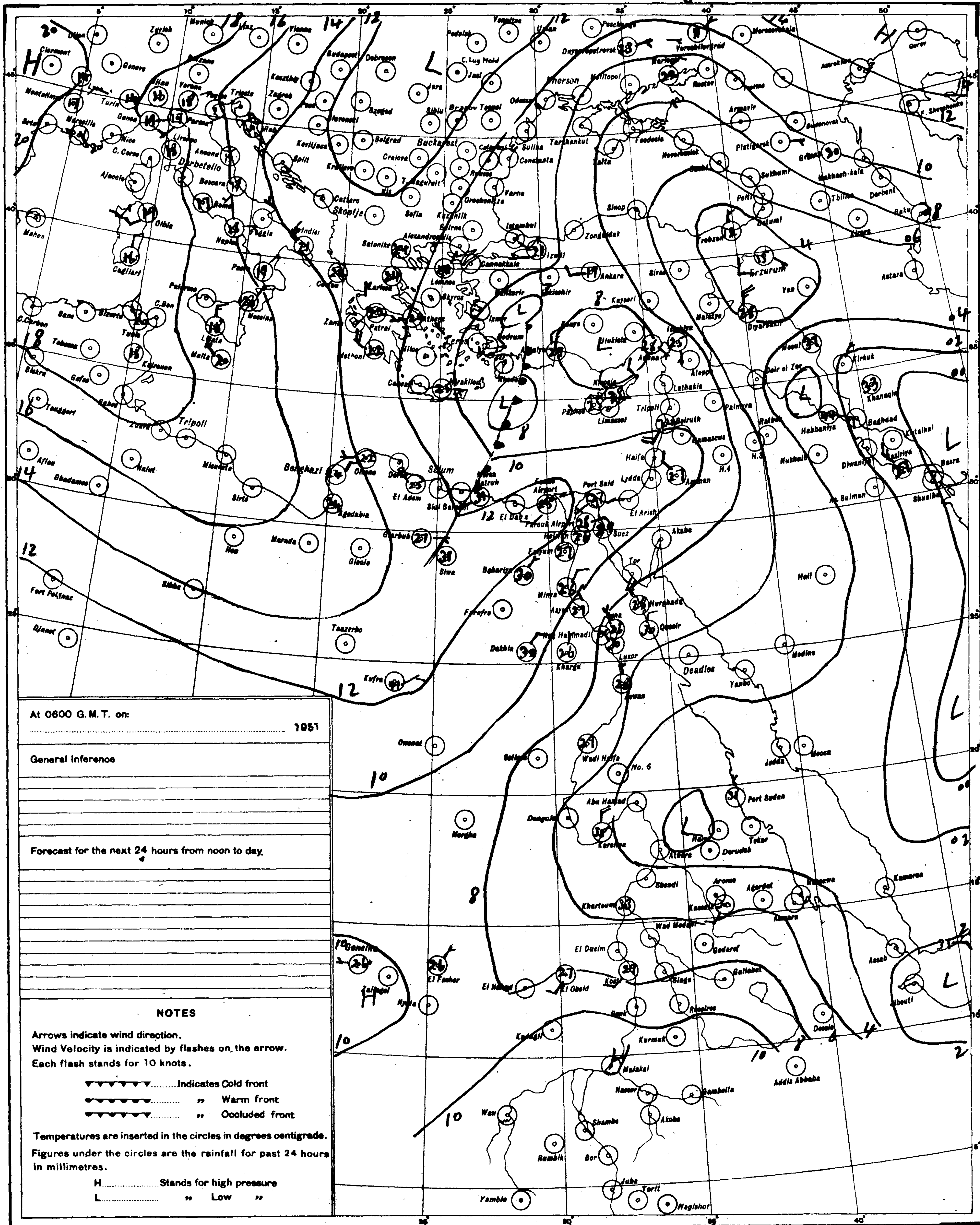
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P T 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Monday 11-6-*1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.........Indicates Cold front
▼▼▼▼▼▼.......... ,, Warm front
▼▼▼▼▼▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	-○-
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	R]•
Hail	the past hour	93	R]△
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/567) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" Sunset 16 56 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 12th June, 1951

At 1200 on Monday 11th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
303	SALUM	360	19	35	00	0	0	—	11.4	28	40	13
305	SIDI BARÂNI	340	13	30	00	0	0	—	12.1	27	48	15
307	MATRÛH	350	10	30	00	0	0	—	12.2	27	45	14
309	EL DABA	320	5	35	00	0	0	—	11.0	28	58	19
	ALEXANDRIA	310	16	50	00	0	0	—	11.6	27	62	19
318	FOUAD (Airport)	300	12	18	02	0	0	—	11.2	28		
335	DAMIETTA	340	9	35	02	0	0	—	10.8	31	31	12
337	PORT SAÏD	350	11	30	02	0	0	—	10.0	29	59	20
338	EL 'ARISH	320	8	30	00	0	0	—	9.3	30	52	19
339	DAMANHUR	270	9	15	02	0	0	—	11.9	33	34	15
342	MANSURA	320	3	35	00	0	0	—	11.4	37	22	12
349	TANTA	270	2	35	02	0	0	—	11.5	37	18	9
354	ZAGAZIG	320	2				0	—	9.5	38	35	20
361	ISMAILIA	360	2	35	02	0	0	—	9.1	39	17	10
366	FAROUK (Airport)	20	10	30	00	0	0	—	10.1	38	16	8
372	ALMAZA	20	13	30	00	0	0	—		38	16	8
	EZBEKIYA	360	4	18	00	0	0	—	9.6	38	22	13
	GIZA	360	4	18	00	0	0	—	9.8	38	16	8
418	HELWAN	360	13	15	02	0	0	—	9.4	38	13	5
451	FAIYUM	360	6	35	02	0	0	—	8.5	40	24	16
461	MINYA	360	20	8	00	0	0	—	7.8	40	14	8
475	ASYUT MANQABAD	40	15	6	07	0	0	—	5.5	42	12	7
499	NAG' HAMMADI	00	0	50	00	0	0	—	5.8	39	21	13
507	QENA	90	2	50	00	0	0	—	5.1	42	12	7
505	LUXOR	360	3	30	00	0	0	—	3.5	41	10	3
414	ASWÂN	340	6	50	00	0	0	—	2.8	42		
417	SIWA	360	5	14	00	0	0	—	12.7	40	12	6
420	BAHARIYA	40	6	35	02	0	0	—	9.0	40	19	12
423	FARAFRA	40	2	35	05	3	0	—	9.4	41	12	6
433	DAKHLA	340	15	7	35	3	0	—	6.4	41	17	11
435	KHARGA	40	4	15	00	0	0	—	6.0	40	15	9
450	SUEZ	360	4	50	02	0	0	—	7.8	37	18	9
459	TOR	310	13	50	02	0	0	—	6.3	32	43	18
462	HURGHADA											
465	QUSEIR	360	13	15	02	0	0	—	6.4	30	59	21
641	PORT SUDAN											
600	WADI HALFA											
640	ABU HAMAD											
660	KAREIMA											
680	'ATBARA											
721	KHARTUM	340	10	30	01	2	4	Ci	1.0	43	9	4
730	KASSALA											
751	WAD MEDANI											
801	RENK											
802	ROSEIRES	310	23	35	02	1	5	Cu	3.5	37	33	18
771	EL OBEID											
760	EL FASHER											
770	GENEINA											
840	MALAKAL	250	2	30	03	2	8	Cu, ac	7.4	32	56	22
880	WAU	270	9	30	02	2	8	ac	8.1	29	59	20
941	JUBA	110	5	30	02	2	8	Cb, ac	7.5	29	62	21

At 1800 on Monday 11th

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms
303	SALUM	340	5				0	—	12.7	23	74	18	0
305	SIDI BARÂNI	340	6	18	00	0	0	—	11.9	23	61	15	0
307	MATRÛH	280	3	14	00	0	0	—	12.4	23	78	19	0
309	EL DABA	320	4	7	00	0	0	—	11.2	23	74	18	0
	ALEXANDRIA	360	9	35	00	0	0	—	11.5	24	74	19	0
318	FOUAD (Airport)	340	4	14	00	0	0	—	11.4	23			0
335	DAMIETTA	320	2	7	02	0	0	—	10.2	24	74	19	0
337	PORT SAÏD	340	11	15	02	0	0	—	10.6	25	84	22	0
338	EL 'ARISH	330	5	12	00	0	0	—	11.0	25	70	19	0
339	DAMANHUR	270	5	15	02	0	0	—	11.2	25	61	17	0
342	MANSURA	320	3				00	0	11.0	27	62	19	0
349	TANTA	00	0	35	02	0	0	—	12.3	25	61	17	0
354	ZAGAZIG	320	3	35	02	0	0	—	11.4	28	52	17	0
361	ISMAILIA	360	2	35	02	0	0	—	10.8	29	35	12	0
366	FAROUK (Airport)	20	10	12	00	0	0	—	12.0	31	43	17	0
372	ALMAZA	40	8	12	00	0	0	—	11.9	31	31	12	0
	EZBEKIYA	360	6	12	00	0	0	—	11.5	31	36	14	0
	GIZA	360	6	12	00	0	0	—	11.4	30	31	11	0
418	HELWAN												
451	FAIYUM	360	6	35	02	0	0	—	11.2	33	24	10	0
461	MINYA	360	7	8	00	0	0	—	8.9	30	33	12	0
475	ASYUT MANQABAD	30	9	8	00	0	0	—	7.7	34	13	2	0
499	NAG' HAMMADI	70	3	15	00	0	0	—	5.9	35	18	7	0
507	QENA	90	2	7	00	0	0	—	5.3	37	11	2	0
505	LUXOR												
414	ASWÂN	00	0	50	00	0	0	—	3.5	37	11	2	0
417	SIWA	170	7	11	03	0	1	Sc	11.5	35	25	12	0
420	BAHARIYA	00	0	15	02	0	0	—	9.9	33	30	13	0
423	FARAFRA	360	1	15	02	0	0	—	9.9	34	13	2	0
433	DAKHLA	340	11	35	03	0	0	—	8.4	37	14	6	0
435	KHARGA	360	4	15	00	0	0	—	7.2	35	13	3	0
450	SUEZ	360	5	35	02	0	0	—	9.6	30	35	13	0
459	TOR	310	5		02	0	0	—	5.9	29	66	22	0
462	HURGHADA	340	16	30	00	0	0	—	5.3	30	62	22	0
465	QUSEIR	330	5	15	02	0	0	—	6.3	29	59	20	0
641	PORT SUDAN	00	0	30	02	2	0	—	3.4	31	55	21	0
600	WADI HALFA	00	0	30	01	1	1	Ci	3.6	36	25	13	0
640	ABU HAMAD	360	3	30	02	0	0	—		36	6	-8	0
660	KAREIMA	310	11	30	02	0	0	—	3.3	35	7	-6	0
680	'ATBARA	320	6	30	02	2	4	Ci	1.4	37	8	-3	0
721	KHARTUM	310	6	30	01	1	2	Ci	2.1	37	14	6	0
730	KASSALA	100	13	30	01	1	1	Cb	2.5	35	27	13	0
751	WAD MEDANI												
801	RENK												
802	ROSEIRES												
771	EL OBEID												
760	EL FASHER	00	0	30	01	0	0	—		30	38	14	0
770	GENEINA	280	5	30	13	1	1	ac		31	28	10	0
840	MALAKAL												
880	WAU												
941	JUBA	230	5	30	13	2	7	Cb, ac	10.8	25	74	20	dr.

At 0600 on Tuesday 12th June,

Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
303	SALUM	360	9	15	00	0	0	—	13.3	+0.6	23	32	+3	19	0	74	18	0	91	
305	SIDI BARÂNI	330	12	14	02	2	8	Sc	13.0		23	32?		21		65	16	0	108	
307	MATRÛH	320	9	18	01	2	5	As, Ci	13.0	-0.1	22	31		19		78	18	0	51	
309	EL DABA	320	3	15	01	1	2	Cu			24	30		19		69	18	0	54	
	ALEXANDRIA	270	10	50	03	1	5	Sc	12.0	-1.0	23	28	0	21	+1	74	18	0	63	186
318	FOUAD (Airport)											31								138
335	DAMIETTA	320	5	15	00	0	0	—	11.2	-0.5	25	33	+5	19	-1	74	20	0	Rain	106
337	PORT SAÏD	330	6	18	02	0	1	Sc	11.1	-0.5	25	32		22		74	20	0	18	
338	EL 'ARISH																			94
339	DAMANHUR	360	5	15	02	0	0	—	12.6?	+0.3	25	34	+2	18	0	70	19	0	35	101
342	MANSURA	320	3	35	00	0	0	—	12.0	0.0	26	38	+4	20	+2	70	20	0	31	55
349	TANTA	310	2	35	02	0	0	—	11.4	-1.0	25	37	+3	17	0	70	19	0	23	44
354	ZAGAZIG	320	1	35	02	0	0	—	11.1	-1.1	26	40	+6	18	+1	70	20	0	Rain	27
361	ISMAILIA	360	2	35	02	0	0	—	11.4		26	40		21		62	18	0	17	
366	FAROUK (Airport)	340	3	12	00	0	0	—	12.3		24	39		21		54	14	0	Rain	
372	ALMAZA	20	3	12	00	0	0	—	11.5	-0.5	24	38		20		69	18	0	12	
	EZBEKIYA	00	0	12	00	0	0	—	12.3	+0.3	26	38	+3	22	+3	62	18	0	11	26
	GIZA	00	0	12	00	0	0	—	11.8	-0.2	25	38	+3	17	0	61	17	0	11	26
418	HELWAN																		12	29
451	FAIYUM	360	8	35	02	0	0	—	11.4	-0.3	27	40	+4	20	+1	52	16	0	8	8
461	MINYA	350	5	8	00	0	0	—	11.0	0.0	27	40		18		52	16	0	3	
475	ASYUT MANQABAD	320	5	12	00	0	0	—	9.9	-0.9	30	43		25		33	12	0	dr.	
499	NAG' HAMMADI											42	+4						3.1	
507	QENA	40	1	15	00	0	0	—	8.7	-0.3	29	44	+4	25	+2	29	9	0	2	
505	LUXOR	320	2	30	00	0	0	—	7.5	-1.5	33			22		23	9	0	0	
414	ASWÂN	20	3	50	00	0	0	—	7.4	-1.7	30	43	+2	26	0	21	5	0	0	
417	SIWA											42	+5						1	8
420	BAHARIYA	360	2	35	02	0	0	—	12.0	-0.6	29	41	+5	26	+7	40	14	0	dr.	7
423	FARAFRA	00	0	35	02	0	0	—	12.4		30	41				33	12	0	dr.	
433	DAKHLA	340	11	35	02	0	0	—	9.8	-1.4	35	41	+2	31	+9	30	15	0	0	
435	KHARGA	360	6	7	00	0	0	—	9.0	-0.7	33	41	+2	29	+6	24	10	0	0	
450	SUEZ	350	4	50	00	0	0	—	9.9	-1.3	26	39	+4	21	0	62	18	0	5	17
459	TOR	340	24	7	02	0	0	—	7.5	-1.3	27	35	+2	22?	-1	62	19	0	4	13
462	HURGHADA	00	0	30	00	0	0	—	7.3	-1.6	29	31		26		59	20	0	8	
465	QUSEIR	360	13	15	02	0	0	—	7.1	-1.5	30	30	-3	26	0	59	21	0	dr.	4
641	PORT SUDAN	00	0	30	02	0	2	Cs	5.2		35	38		24		30	15	0	155	97
600	WADI HALFA	20	2	30	01	0	0	—	6.8		28	41		21		31	9	0	dr.	
640	ABU HAMAD	270	1	30	02	0	0	—	6.4		31	44		24		12	-1	0		
660	KAREIMA											43								2
680	'ATBARA											45								7
721	KHARTUM	360	6	30	03	0	3	Cs	7.1		32	44		24		16	3	0	7	10
730	KASSALA	210	25	8	07	1	1	Ac	6.8		32	43		27		41	17	0	16	32
751	WAD MEDANI																			35
801	RENK																			117
802	ROSEIRES																			155
771	EL OBEID																			47
760	EL FASHER	340	4	30	03	0	3	Ci			25	38				30	6	0	9	21
770	GENEINA	200	1	30	01	1	2	Ci			25	38		21		51	14	0.1		42
840	MALAKAL																			243
880	WAU	180	4	30	02	2	8	Cs	11.8		24	30		22		84	21	dr.	283	428
941	JUBA											31								519

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT On ... At ...						... AIRPORT On ... At ...						Helwan Obs. ~~AIRPORT~~ On 11th At 10h 15m					
1000						1000						1000	152	30	12	350	10
950						950						950					
900						900						900					
850						850						850	1562	24	12	10	22
800						800						800					
700						700						700	3220	8		30	26
600						600						600	4493	0		360	8
500						500						500	5925	-9		320	9
400						400						400					
300						300						300	9650	-36		240	64

HUMIDITY %

Station	Mean of day on 11th	Diff. from normal
Alexandria	73	+1
Ezbekiya	44	-9
Giza	43	-9
Helwan		

GIZA GRASS MINIMUM TEMP. ON 12th 13.5c.

Remarks

UPPER WIND OBSERVATIONS on 11th

Station	Dakhla		Fort Said		Matruh		Kharga		Hurghada		S. Barrani		Arish											
Time	14		14		14		14		14		14		15											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	30	18	320	21	320	18	360	16	10	10	340	17	320	12										
600	30	18	310	26	310	13	360	19	30	11	300	19	330	18										
1000	40	15	280	26	300	12	10	21	60	10	290	23	340	15										
1500			270	12					40	20			280	15										
2000									30	18			330	3										
3000									30	14														
4000									30	7														
5000									300	3														
6000									290	5														
7000									320	6														
8000									250	10														

UPPER WIND OBSERVATIONS on 12th

Station	Sidi Barani		Matruh		Fouad Airport		Port Said		El 'Arish		Helwan		Minya		Asyut Manqabad		Luxor		Aswan		Hurghada		
Time							2																
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							310	9																
600							320	3																
1000							290	10																
1500																								
2000																								
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Siwa		Bahariya		Dakhla		Kharga		Wadi Halfa		Abu Hamad		Kareima		Khartum		Kassala		El Obeid		El Fasher		Malakal	
Time							8		4												5		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300							360	20	10	5														
600							10	24	30	9													180	26
1000							10	25	60	13											20	10	170	21
1500									30	13											50	16	160	17
2000																					40	13		
3000									160	9													10	31
4000																								
5000									80	5													50	19
6000									230	9														
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

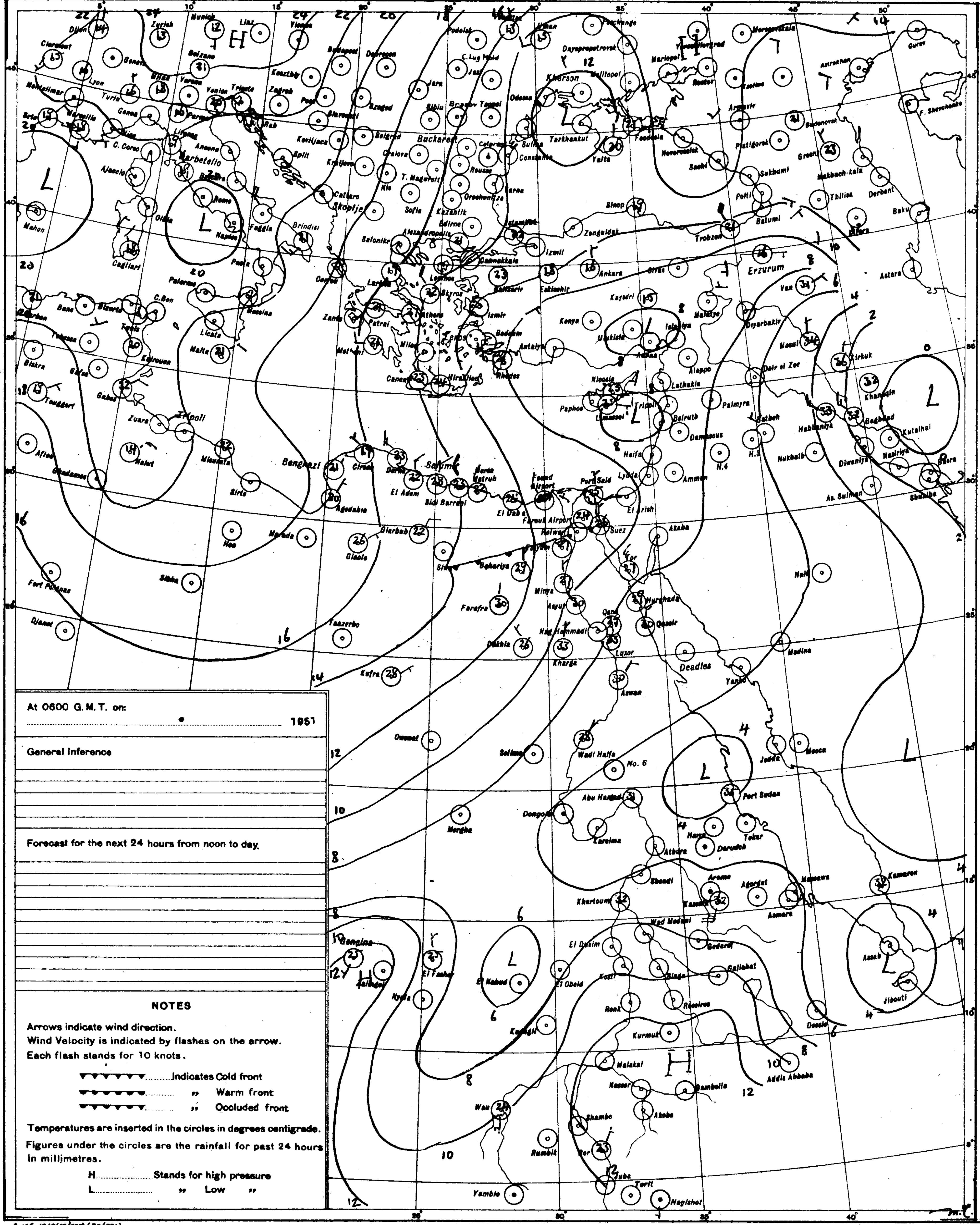
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 12/6/1951



PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (*vis less than 1000 m.*) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

.... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H........ Stands for high pressure
L........ ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 56 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 13th June, 1951

At 1200 on Tuesday 12th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	300	13	35	00	0	0	—	13.8	26	62	18
	303	SIDI BARANI											
	306	MATRUH	340	12	30	00	0	0	—	12.8	25		
	309	EL DABA	320	7	35	00	0	0	—		26	55	16
		ALEXANDRIA	310	20	50	00	0	0	—	12.4	24	84	21
	318	FOUAD (Airport)	320	9	18	02	0	1	SC	12.6	25	88	23
	330	DAMIETTA	340	5	35	02	0	0	—	11.6	28	52	17
	333	PORT SA'ID	350	14	30	02	0	0	—	11.4	26	62	18
	336	EL 'ARISH	360	9	30	00	0	0	—	10.3	26	70	20
Lower Egypt	339	DAMANHUR	310	5	15	02	0	0	—	12.2	29	59	20
	342	MANSURA	40	5	35	00	0	0	—	11.5	34	32	15
	348	TANTA	310	5	35	02	0	0	—	12.0	33	34	15
	354	ZAGAZIG	320	2	50	02	0	0	—	10.6	34	47	21
	440	ISMAILIA	340	2	35	02	0	0	—	10.0	35	29	14
Upper Egypt	365	FAROUK (Airport)	290	10	30	00	0	0	—	11.2	34	23	10
	372	ALMAZA	310	8	30	00	0	0	—	10.5	33	30	13
		EZBEKIYA	320	4	18	00	0	0	—	11.0	33	30	13
		GIZA	320	4	18	00	0	0	—	10.8	35	23	11
	378	HELWAN	320	6	35	02	0	0	—	10.6	33	21	8
	381	FAIYUM	360	5	35	02	0	0	—	11.0	35	23	11
	387	MINYA	340	12	10	00	0	0	—	10.4	40	19	12
	393	ASYUT MANQABAD	330	13	30	00	0	0	—	8.7	40	19	12
	399	NAG' HAMMADI	320	3	35	00	0	0	—	7.1	40	15	9
	402	QENA	40	2	50	00	0	0	—	6.4	43	11	6
	405	LUXOR											
	414	ASWAN	20	6	50	00	0	0	—	5.3	42	6	-2
Oases	417	SIWA	300	12	14	00	0	0	—	12.8	36	15	6
	420	BAHARIYA	360	4	35	02	0	0	—	10.2	38	24	14
	423	FARAFRA	340	1	35	02	0	0	—	10.8	40	11	4
	432	DAKHLA	20	11	35	00	0	0	—	8.7	41	8	0
	435	KHARGA											
Red Sea	450	SUEZ	360	8	50	02	0	0	—	8.4	34	18	6
	459	TOR											
	462	HURGHADA											
	465	QUSEIR	360	9	15	02	0	0	—	7.2	32	46	19
	641	PORT SUDAN	70	13	30	01	1	3	Cu, Ci	3.7	39	23	14
North Sudan	600	WADI HALFA	20	17	30	03	1	5	CS	3.9	43	17	13
	640	ABU HAMAD	20	1	30	02	0	0	—		43	6	-3
	660	KAREIMA	220	5	30	03	1	7	CS	3.5	43	8	1
	680	'ATBARA	330	5	30	02	2	3	CS	1.6	44	5	-5
	721	KHARTUM	270	2	30	02	1	2	CS	3.9	41	7	-2
	730	KASSALA	240	10	30	03	2	7	Cu, CS	3.2	40	20	13
Central Sudan	751	WAD MEDANI	230	9	35	02	1	4	Cu	2.3	40	17	11
	801	RENK	180	2	35	02	1	6	Cb	5.5	37	33	18
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FASHER	360	3	30	02	0	1	Cu, Ci		39	11	3
	770	GENEINA	130	4	30	03	1	3	Cu, Ci		36	19	9
S. Sudan	840	MALAKAL	180	8	30	03	1	4	Cu, Ac	10.2	33	38	17
	880	WAU	00	0	30	02	2	7	Cb	10.8	29	62	21
	941	JUBA	90	5	30	01	8	8	Sc, Ac, Cb	13.7	28	74	23

At 1800 on Tuesday 12th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	320	2	15	00	0	0	—	14.2	22	74	17	0
SIDI BARANI	310	11	15	01	1	1	SC	13.6	22	74	17	0
MATRUH	310	9	18	03	1	5	SC	14.0	22	89	20	0
EL DABA												
ALEXANDRIA	310	15	35	00	0	0	—	12.8	23	74	18	0
FOUAD (Airport)	310	12	12	02	0	0	—	12.1	23	89	21	0
DAMIETTA	320	5	7	02	0	0	—	12.0	24	74	19	0
PORT SA'ID	330	15	18	02	0	0	—	11.5	24	84	21	0
EL 'ARISH	350	5	30	00	0	0	—	10.5	24	74	19	0
DAMANHUR	310	5	15	02	0	0	—	12.8	23	84	20	0
MANSURA	00	0		00	0	0	—	12.0	25	54	15	0
TANTA	00	0	35	02	0	0	—	12.2	24	69	18	0
ZAGAZIG	320	1	35	02	0	0	—	11.1	26	70	20	0
ISMAILIA	360	2	35	02	0	0	—	11.5	26	62	18	0
FAROUK (Airport)	360	12	12	00	0	0	—	11.8	29	46	16	0
ALMAZA	10	10	12	02	0	0	—	11.1	29	43	15	0
EZBEKIYA	360	8	12	00	0	0	—	11.6	29	46	16	0
GIZA	360	8	12	00	0	0	—	11.6	29	40	14	0
HELWAN	340	15	15	00	0	0	—	11.0	30	35	13	0
FAIYUM	360	6	15	02	0	0	—	11.6	31	31	12	0
MINYA	360	7	8	00	0	0	—	9.9	28	42	14	0
ASYUT MANQABAD	00	0	10	00	0	0	—	9.2	32	22	8	0
NAG' HAMMADI	360	1	15	00	0	0	—	6.7	33	34	15	0
QENA	320	3	7	00	0	0	—	6.3	38	9	0	0
LUXOR												
ASWAN	320	5	15	00	0	0	—	5.5	37	11	2	0
SIWA												
BAHARIYA												
FARAFRA												
DAKHLA												
KHARGA												
SUEZ	360	6	35	02	0	0	—	10.0	28	40	13	0
TOR												
HURGHADA	330	17	12	00	0	0	—	5.6	30	55	20	0
QUSEIR	330	9	15	02	0	0	—	5.8	32	56	22	0
PORT SUDAN	00	0	50	03	1	3	Ac	4.5	31	55	21	0
WADI HALFA												
ABU HAMAD	00	0	30	02	0	0	—		37	7	-4	0
KAREIMA	250	4	30	01	1	0	—	4.6	38	9	-1	0
'ATBARA												
KHARTUM	270	3	30	01	1	1	Ci	3.0	35	13	3	0
KASSALA	170	12	30	13	2	7	Cb, Ac	5.1	32	30	12	0
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER												
GENEINA												
MALAKAL	160	10	30	01	2	7	Ac	10.8	28	66	21	0
WAU	160	7	30	02	0	7	Ac, Cs	10.1	28	37	12	0
JUBA	00	0	30	17	2	8	Cb, Ac	11.8	25	84	22	0-1

At 0600 on Wednesday 13th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	5	15	03	1	3	Cu	14.2	+1.5	24	27	-2	18	-1	69	18	0	91	
SIDI BARANI	310	12	14	01	1	2	Sc, Cu	13.6		23	26		21		65	16	0	108	
MATRUH	320	7	30	02	2	6	SC	13.6	+0.6	23	26		19		65	16	0	51	
EL DABA																			
ALEXANDRIA											27	-1							186
FOUAD (Airport)											27								138
DAMIETTA	320	5	15	00	0	0	—	11.8	+0.2	26	29	+1	20	0	62	18	0	Rain	106
PORT SA'ID	270	8	15	01	0	2	SC	11.9	+0.4	25	27		22		74	20	0	18	
EL 'ARISH											28	0							94
DAMANHUR	230	5	15	02	0	0	—	13.1?	+0.9	26	30	-2	18	0	70	20	0	35	101
MANSURA	320	3	35	00	0	0	—	12.2	+0.3	27	35	+1	20	+1	62	19	0	31	55
TANTA	270	2	35	02	0	0	—	12.4	0.0	26	33	-1	18	+1	62	18	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	11.4	-0.7	26	36	+2	18	0	70	20	0	Rain	27
ISMAILIA	290	2	35	01	0	0	—	12.2		26			20		62	18	0	17	
FAROUK (Airport)											36								
ALMAZA	360	4	12	02	0	0	—	12.6	+0.6	24	35		20		69	18	0	12	
EZBEKIYA	00	0	12	00	0	0	—	13.0	+1.0	25	35	0	21	+1	65	18	0	11	26
GIZA	00	0	12	00	0	0	—	12.6	+0.7	25	36	+1	17	0	61	17	0	11	26
HELWAN	340	11	7	02	0	0	—	12.7	+0.9	24	35	+1	20	0	61	16	0	12	29
FAIYUM	360	6	35	02	0	0	—	12.9	+1.3	25	37	+1	20	+1	61	17	0	8	8
MINYA	10	9	10	00	0	0	—	12.7	+1.8	25	40		19		61	17	0	3	
ASYUT MANQABAD	320	6	12	00	0	0	—	12.0	+1.3	26	41		21		45	13	0	do.	
NAG' HAMMADI											42	+4							
QENA	320	2	15	00	0	0	—	9.8	+0.9	30	45	+4	26	+3	31	11	0	2	
LUXOR																			
ASWAN	360	10	50	00	0	0	—	9.5	+0.5	34	43	+2	27	+1			0	0	
SIWA																			8
BAHARIYA																			7
FARAFRA																			
DAKHLA																			
KHARGA																			
SUEZ	360	5			1	Cu		11.1	0.0	26	36	+1	19	-2	66	19	0	5	17
TOR																			13
HURGHADA	350	20	30	00	0	0	—	7.5	-1.3	28	32		24		52	17	0	8	
QUSEIR											34	+1							4
PORT SUDAN											41								97
WADI HALFA																			
ABU HAMAD											44								
KAREIMA											45								2
'ATBARA																			7
KHARTUM	180	20	30	02	0	2	Ci	10.1		31	42		27		43	17	0	7	10
KASSALA											41								32
WAD MEDANI																			36
RENK																			120
ROSEIRES																			158
EL OBEID																			48
EL FASHER											39								21
GENEINA																			44
MALAKAL	180	13	30	01	2	3	Ac, Ci	12.4		27	34		23		70	21	0	162	247
WAU											31								433
JUBA											30								524

HUMIDITY %

Mean of day

STATION	on 12th	Diff. from normal
Alexandria		
Ezbekiya	51	-2
Giza	49	-3
Helwan	41	+1

GIZA GRASS MINIMUM TEMP. ON 13th 14.4c.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE — FAROUK ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 12th

Station	Matruh		Port Said		Asyut		Siwa		Dakhla		El Arish		Hurghada												Port Said	
Time	14		14		14		14		14		15		14	15											20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	310	10	350	14	350	22	300	15	360	25	160	10	350	21											300	17
600	320	9	340	16	340	20	300	19	360	10	120	10	340	17											310	16
1000	350	17	300	14	340	19	300	24	340	12	170	14	340	20											320	23
1500			290	12	350	24	330	16			170	15	320	16											320	13
2000			260	9	350	27	320	29			170	8	280	12											300	16
3000					350	29	300	28			160	8													220	2
4000							300	31			180	12														
5000											260	21														
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 13th

Station	Sidi Barani		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		
Time																							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300																							
600																							
1000																							
1500																							
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Siwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4				4								3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300									20	19													
600									30	27	40	15			160	23							170 16
1000									20	38	40	27			180	25							190 30
1500									30		50	37			230	20							180 9
2000															320	9							60 1
3000									40	21					290	8							40 21
4000															30	9							
5000									190	4					50	5							
6000									260	12					170	4							
7000															150	7							
8000															50	10							

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

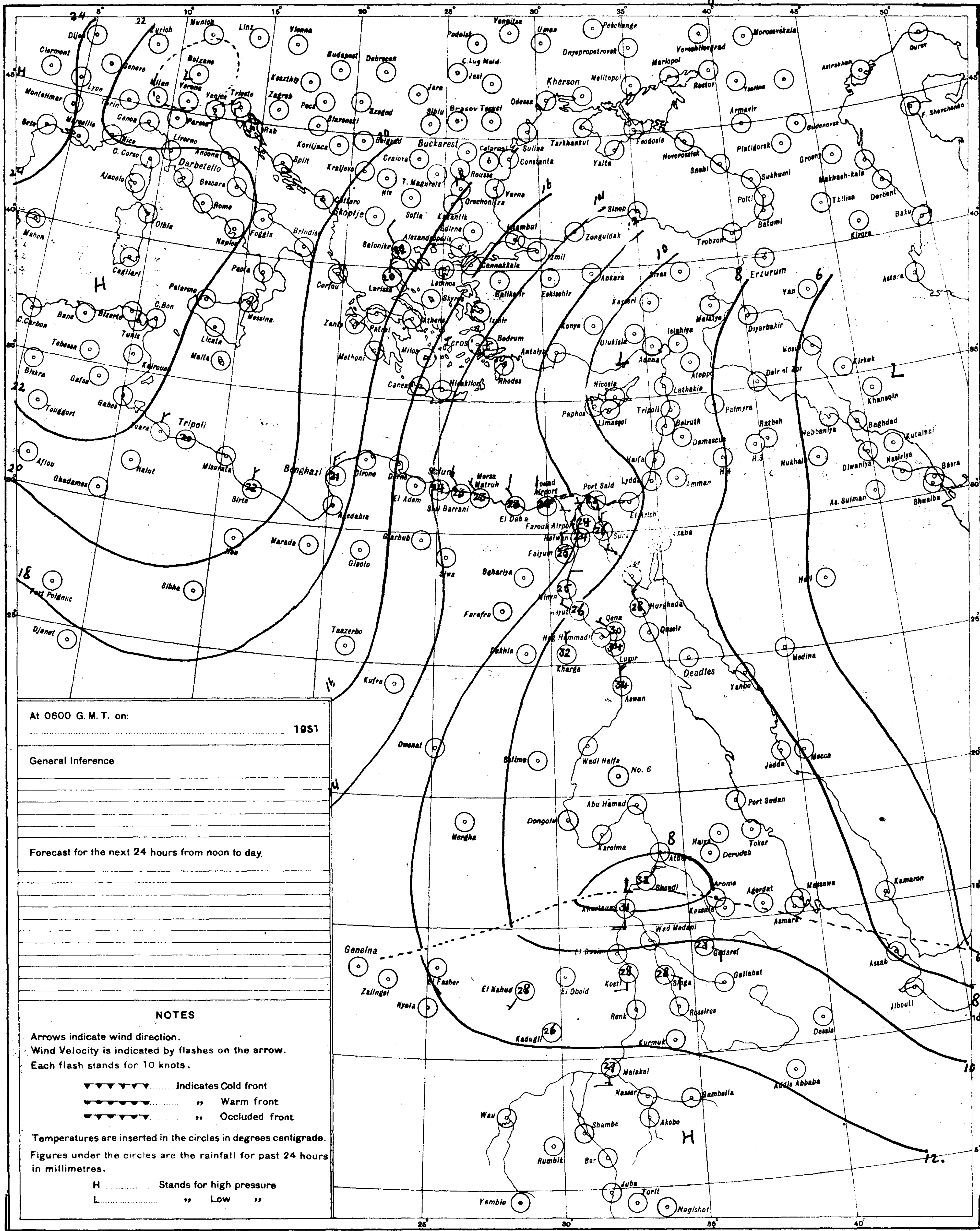
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 13/6/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ .... Indicates Cold front
▲▲▲▲▲▲ .... ,, Warm front
▼▲▼▲▼▲ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze (v/s less than 1000 m.) 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F

CAIRO
Time of Sunrise 02 53 G.M.T.
" " Sunset 16 57 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 14th June, 1951

At 1200 on Wednesday 13th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
MEDITERRANEAN	62300	SALÛM	360	9	35	00	1	1	cu	13.8	27	52	16
	303	SÎDI BARÂNI	340	14	18	01	0	0	—	13.9	25	70	19
	306	MATRÛH	340	11	30	00	0	0	—	13.9	25	65	18
	309	EL DABʻA	320	5	35	00	0	0	—	12.9	25	70	19
		ALEXANDRIA	310	20	50	02	2	2	ac	12.6	25	74	20
	318	FOUAD (Airport)	340	18	18	03	1	3	sc	12.4	26	89	24
	330	DAMIETTA	320	9	35	03	0	1	—	11.6	26	70	20
	333	PORT SAʻÎD	340	17	30	02	0	0	—	11.2	26	74	21
	336	EL ʻARISH	360	8	30	00	1	0	—	10.1	27	45	14
LOWER EGYPT	339	DAMANHUR	320	9	15	02	0	0	—	11.4	29	35	12
	342	MANṢURA	320	5		00	0	0	—	11.2	32	34	14
	348	ṬANṬA	310	5	35	02	0	0	—	11.1	31	31	12
	354	ZAGAZIG	320	1	50	02	0	0	—	10.3	34		
	440	ISMAʻILIA	320	2	35	01	0	0	—	9.9	33	34	15
CAIRO AREA	366	FAROUK (Airport)	310	9	12	00	0	0	—	11.6	32	31	13
	372	ALMÂZA	350	7	15	02	0	0	—	10.8	32	38	16
		EZBEKÎYA	00	0	18	00	0	0	—	10.8	32	34	14
		GÎZA	00	0	18	00	0	0	—	11.0	33	30	13
	378	ḤELWÂN	290	3	35	00	0	0	—	10.7	32	28	11
UPPER EGYPT	381	FAIYÛM	360	6	35	02	0	0	—	11.6	33	30	13
	387	MINYA	340	14	10	00	0	0	—	10.8	35	19	8
	393	ASYÛT MANQABÂD	340	11	30	00	0	0	—	9.7	36	20	10
	399	NAGʻ ḤAMMÂDI	270	2	35	00	0	0	—	8.3	35	23	11
	402	QENA	320	3	50	00	0	0	—	7.8	41	10	4
	405	LUXOR											
	414	ASWÂN	340	15	15	07	4	0	—	6.7	41	10	4
OASES	417	SÎWA	270	13	14	00	0	0	—	13.9	32	26	10
	420	BAḤARÎYA	320	3	35	02	0	0	—	11.0	35	29	14
	423	FARAFRA	320	1	35	02	0	0	—	12.0	36	20	10
	432	DAKHLA	340	11	50	00	0	0	—	10.7	38	9	0
	435	KHARGA	360	15	7	00	0	0	—	8.7	38	24	14
RED SEA	450	SUEZ	360	4	50	01	0	0	—	8.7	33	24	10
	459	ṬÔR											
	462	HURGHÂDA	10	20	30	00	0	0	—	6.2	30	49	18
	465	QUSEIR	20	9	15	02	0	0	—	7.2	31	52	20
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI ḤALFA											
	640	ABU ḤAMAD											
	660	KAREIMA											
	680	ʻAṬBARA											
	721	KHARṬÛM											
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES	130	9	35	02	1	4	cu	7.8	35	30	15
	771	EL OBEIḌ											
	760	EL FÂSHER	40	2	30	02	0	1	cu		37	25	14
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL											
	880	WÂU	190	3	30	03	2	6	cu ac	8.6	32	46	19
	941	JUBA											

At 1800 on Wednesday 13th

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain past 12 hrs mms.
SALÛM	320	13	15	00	0	0	—	14.3	23	74	18	0
SÎDI BARÂNI	340	13	14	00	0	0	—	13.1	23	65	16	0
MATRÛH	320	10	14	00	0	0	—	13.5	23	74	18	0
EL DABʻA												
ALEXANDRIA	360	13	35	01	2	2	cu	12.6	23	74	18	0
FOUAD (Airport)	330	10	15	03	0	2	sc	12.5	23	89	21	0
DAMIETTA	20	9	7	03	1	4	cu	11.6	23	84	20	0
PORT SAʻÎD	330	15	14	00	0	3	sc	10.6	24	84	21	0
EL ʻARISH	330	7	14	03	1	5	sc	9.9	24	79	20	0
DAMANHUR	310	9	15	02	0	0	—	11.8	23	84	20	0
MANṢURA	320	3		00	0	0		11.6	25	70	19	0
ṬANṬA	310	2	35	02	0	0	—	11.8	24	69	18	0
ZAGAZIG	320	1	35	02	0	0	—	10.8	26	70	20	0
ISMAʻILIA	360	2	35	02	0	0	—	11.1	25	70	19	0
FAROUK (Airport)	330	13	13	00	0	0	—	11.8	28	52	17	0
ALMÂZA	340	11	12	02	0	0	—	11.0	28	52	17	0
EZBEKÎYA	350	4	12	00	0	0	—	11.6	27	52	16	0
GÎZA	350	4	12	00	0	0	—	11.8	27	52	16	0
ḤELWÂN	340	12	15	00	0	0	—	10.8	28	40	13	0
FAIYÛM	360	6	35	02	0	0	—	10.3	29	35	12	0
MINYA	360	7	8	00	0	0	—	9.9	27	40	12	0
ASYÛT MANQABÂD	00	0	10	00	0	0	—	9.7	30	25	8	0
NAGʻ ḤAMMÂDI	270	2	15	00	0	0	—	9.0	30	38	14	0
QENA	320	2	7	00	0	0	—	7.8	36	13	4	0
LUXOR	320	8	12	00	0	0	—	7.6	33	19	6	0
ASWÂN	360	3	50	00	0	0	—	7.6	37	11	2	0
SÎWA	280	6	11	00	0	0	—	13.2	31	31	12	0
BAḤARÎYA	320	2	15	02	0	0	—	11.0	29	35	12	0
FARAFRA	320	1	35	02	0	0	—	11.6	30	16	1	0
DAKHLA	320	11	50	00	0	0	—	12.7	34	10	2	0
KHARGA	360	2	15	00	0	0	—	9.4	33	21	8	0
SUEZ	360	7	35	02	0	0	—	9.5	27	62	19	0
ṬÔR												
HURGHÂDA	340	19	30	00	0	0	—	6.6	29	59	20	0
QUSEIR	360	9	15	02	0	0	—	6.8	30	40	15	0
PORT SÛDÂN	340	3	30	03	1	6	ac	6.3	30	62	22	0
WÂDI ḤALFA	360	15	30	02	0	0	—	5.1	36	12	2	0
ABU ḤAMAD	310	3	30	02	0	0	—		37	10	0	0
KAREIMA	320	2	30	02	0	0	—	4.3	35	18	7	0
ʻAṬBARA	270	5	30	01	2	4	ac, cs	3.0	37	10	0	0
KHARṬÛM	00	0	30	01	2	2	ci	4.5	37	20	11	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEIḌ	210	12	30	13	2	6	sc, cu	7.0	30	43	16	0
EL FÂSHER	00	0	30	01	0	2	ac ci		32	17	4	0
GENEINA	250	2	30	01	1	1	ac		32	15	2	0
MALAKÂL	310	2	30	03	2	4	cb, ac	10.0	26	79	22	0
WÂU	290	1	30	17	1	4	cb, ci	8.5	29	62	21	0
JUBA	00	0	30	01	2	5	ac, cs	9.7	26	79	22	0

At 0600 on Thursday 14th June

Station	Wind Direction	Wind Velocity in knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	Maximum Yesterday	Max. Diff. from normal	Minimum Today	Min. Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	340	13	15	03	1	2	cu	13.9	+1.3	25	28	-1	19	0	61	17	0	91	
SÎDI BARÂNI	290	16	14	02	1	8	cb	13.6		24	26		20		65	17	0	108	
MATRÛH	290	11	18	03	0	5	cu	13.2	+0.3	24	26		18		65	17	0	51	
EL DABʻA																			
ALEXANDRIA	270	13	50	02	2	2	cu	12.0	-0.8	23	27	-1	21	0	74	18	0	63	186
FOUAD (Airport)	300	11	14	03	1	4	sc	11.8		24	28		21		84	21	0	63	138
DAMIETTA	290	5	7	03	1	5	cu	11.9	+0.4	24	27	-1	22	+2	69	18	0	Rain	106
PORT SAʻÎD	300	13	30	01	1	4	sc	12.0	+0.6	25	28		22		65	18	0	18	
EL ʻARISH	320	5	18	03	2	5	sc			25	28	-1	20	+2	61	17	0	Rain	94
DAMANHÛR	310	5	15	02	1	3	cu	12.8	+0.7	25	30	-2	18	0	70	19	0	35	101
MANṢÛRA	360	5	35	02	1	3	ac	11.9	+0.1	25			20	+1	61	17	0	31	55
ṬANṬA	310	8	35	03	2	5	cu	11.8	-0.5	24	32	-2	17	0	69	18	0	23	44
ZAGAZIG	320	1	35	03	1	3	cu	11.6	-0.5	25	37	+3	18	0	70	19	0	Rain	27
ISMAʻÎLIA	340	2	35	03	1	6	cu	11.5		25	34		21		70	19	0	17	
FAROUK (Airport)	20	10	13	03	1	5	cu	12.8		23	34		19		74	18	0	Rain	
ALMÂZA	310	3	15	03	0	6	st	12.2	+0.3	23	34		21		74	18	0	12	
EZBEKÎYA	360	6	12	02	1	6	cu	12.6	+0.7	23	34	-1	20	0	74	18	0	11	26
GÎZA	360	6	12	02	1	6	cu	12.0	+0.1	23	34	-1	18	+1	74	18	0	11	26
ḤELWÂN	340	11	3	01	1	2	st	12.0	+0.3	23	33	-2	20	0	65	16	0	12	29
FAIYÛM	360	8	35	03	0	1	cu, sc	12.0	+0.5	24	35	-1	19	0	69	18	0	8	8
MINYA	360	8	8	00	0	0	—	11.7	+0.9	24	36		19		61	16	0	3	
ASYÛT MANQABÂD	320	3	8	10	0	0	—	11.4	+0.8	25	36		21		61	17	0	dr.	
NAGʻ ḤAMMÂDI											36	-2						,	
QENA	320	2	15	00	0	0	—	8.8	0.0	29	41	0	23	0	29	9	0	2	
LUXOR	230	7	30	00	0	0	—	8.2	-0.6	31	41		23		22	7	0	0	
ASWÂN	20	6	50	00	0	0	—	9.6	+0.7	31	42	+1	26	0	28	10	0	0	
SÎWA	360	4	14	00	0	0	—	15.1	+1.6	23	34	-3	20	+1	65	16	0	1	8
BAḤARÎYA	360	3	35	02	0	0	—	13.3	+0.8	24	36	0	20	+1	69	18	0	dr.	7
FARAFRA	40	1	35	02	0	0	—	14.0		25	40		24		47	13	0	dr.	
DAKHLA	340	5	50	00	0	0	—	13.8	+2.7	28	39	0	22	0	33	10	0	0	
KHARGA	360	3	15	00	0	0	—	11.5	+1.9	27	39	0	21	-2	42	13	0	0	
SUEZ	310	6	50	00	0	3	cu	10.6	-0.4	24	34	-1	20	-1	61	16	0	5	17
ṬÔR																			13
HURGHADA	330	19	30	00	0	0	—	7.0	-1.8	28	31		25		52	17	0	8	
QUSEIR	360	13	15	02	0	0	—	8.0	-0.5	28	33	0	26	0	62	20	0	dr.	4
PORT SÛDÂN	30	2	30	02	0	1	ac			37	40		27		20	11	0	155	97
WÂDI ḤALFA	20	13	50	02	0	0	—	8.9		31	44		23		19	5	0	dr	
ABU ḤAMAD	360	12	10	02	0	0	—			34	45		28		10	-2	0		
KAREIMA	50	6	30	02	0	0	—	8.1		33	44		29		14	2	0	dr	2
ʻAṬBARA	290	4	10	05	2	8	cs			32	44		28		10	-3	0	5	7
KHARṬÛM	250	5	30	03	0	2	ac, ci	7.1		32	41		27		32	12	0	7	11
KASSALA	80	18	30	01	2	3	ac	6.4		32	40		28		41	17	dr	16	33
WÂD MEDANI																			37
RENK																			123
ROSEIRES	130	9	35	02	0	7	as	10.8		27	36		24		62	20	0	50	162
EL OBEIḌ											37								49
EL FÂSHER	170	3	30	01	0	1	ac, ci			28	38		26		55	18	0	9	22
GENEINA											37								46
MALAKÂL	160	5	30	01	0	2	ac, ci	10.5		28	35		23		62	20	0	162	251
WÂU											34								439
JUBA											33								529

HUMIDITY % Mean of day

Station	on 13th	Diff. from normal
Alexandria	79	+7
Ezbekiya	55	+1
Giza	53	0
Helwân	47	+6

GÎZA
GRASS MINIMUM TEMP.
ON 14th 15.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
850					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On At

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 13th

Station	Matruh		Minya		Asyut		Siwa		Dakhla		Hurghada		S. Barrani		El Arish										Minya	
Time	14		14		14		14		14		14		14		15										20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	320	13	350	14	310	17	310	23	340	15	340	31	340	17	340	12									20	42
600	330	10	340	15	340	16	290	15	340	19	320	14	350	15	350	15									30	42
1000	320	10	320	14	340	19	310	5	340	30	330	18	330	16	350	18									350	24
1500	290	4	320	9	310	22			330	36	310	22	310	8	350	10									330	16
2000	330	9			320	36					310	20	330	12	360	12										
3000															340	13										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 14th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʻîd		El ʻArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada			
Time			4										2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			320	15									360	27										
600			320	17									30	47										
1000			320	17									360	22										
1500			330	40																				
2000			330	29																				
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Baharîya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4		4		4				4		4		3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									30	21														
600									10	27	20	20	40	20	130	17							190	10
1000									350	25	20	32	30	29	210	27			210	15	170	14	200	11
1500									10	19	40	25	30	27					300	8	170	11	220	11
2000									360	21									350	10				
3000									260	15			280	8	310	10			20	11	50	6	60	12
4000																								
5000															40	18			80	11				
6000																								
7000																								
8000																								

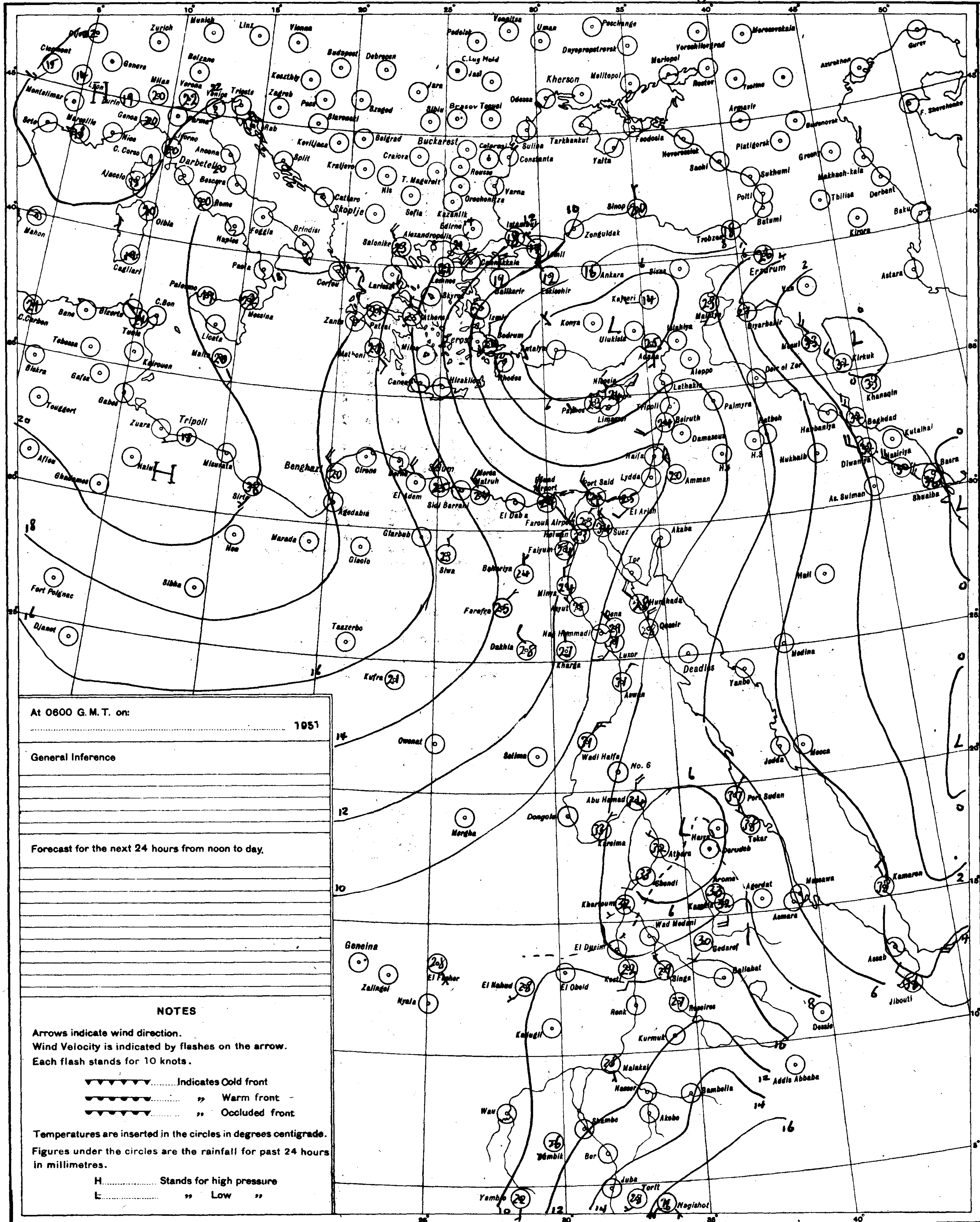
Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Thursday 14-6* 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 02 53 G.M.T.
" " Sunset 16 57 G.M.T.

DAILY WEATHER REPORT

Date: Friday 15th June, 1951

At 1200 on Thursday 14th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.
MEDITERRANEAN	62300	SALÛM	360	13	35	00	1	2	Cu	12.6	26	55	16
	303	SÎDI BARÂNI											
	306	MATRÛH	320	19	18	00	0	0	—	12.4	26	55	16
	309	EL DABA	320	9	35	00	0	0	—		25	70	19
		ALEXANDRIA	310	19	50	02	2	5	Cu	11.5	26	55	16
	318	FOUAD (Airport)	320	9	12	02	0	0	—	11.6	26	70	20
	330	DAMIETTA	230	9	35	01	1	1	Cu	10.8	26	62	18
	333	PORT SA'ÎD	340	18	18	02	0	1	SC	10.2	25	70	19
	336	EL 'ARISH	300	13	30	01	1	2	Cu	9.7	27	55	17
LOWER EGYPT	339	DAMANHUR	360	9	15	02	1	3	Cu	11.0	27	55	17
	342	MANSURA	270	3	35	02	1	3	ac	10.8	31	38	15
	348	TANTA	270	8	35	01	1	2	Cu	10.6	29	40	14
	354	ZAGAZIG	320	2	35	03	1	3	Cu	10.0	30	52	19
	440	ISMA'ÎLÎA	220	5	35	01	1	5	Cu	9.8	31	38	15
CAIRO AREA	366	FAROUK (Airport)	290	10	30	03	2	5	SC	11.0	30	33	12
	372	ALMAZA	320	11	18	02	1	3	SC	10.0	29	35	12
		EZBEKÎYA	00	0	18	02	1	3	Cu	10.0	31	33	13
		GÎZA	00	0	18	02	1	5	Cu	10.6	30	35	13
	378	HELWÂN	320	10	15	02	0	0	—	9.8	30	31	11
UPPER EGYPT	381	FAIYÛM	360	8	35	02	0	1	Cu,SC	11.2	31	31	12
	387	MINYA	330	11	10	03	0	1	Ci	10.5	32	28	11
	393	ASYÛT MANQABÂD	320	10	30	00	0	0	—	9.2	32	28	11
	399	NAG' HAMMÂDI	320	3	35	00	0	0	—	8.6	33	24	10
	402	QENA	290	3	50	00	0	0	—	6.7	37	17	8
	405	LUXOR	320	13	30	00	0	0	—	6.4	36	31	16
	414	ASWÂN	340	9	50	00	0	0	—	6.3	38	13	5
OASES	417	SÎWA	320	5	14	00	0	0	—	13.6	31	19	5
	420	BAHARÎYA	360	2	35	02	0	0	—	11.1	31	31	12
	423	FARAFRA											
	432	DAKHLA	340	11	50	00	0	0	—	5.4	34	14	3
	435	KHARGA	360			00	0	0	—		35	32	16
RED SEA	450	SUEZ	310	4	50	01	0	1	Cu	8.4	31	31	12
	459	TÛR	310	24	50	02	0	0	—	5.8	30	33	12
	462	HURGHÂDA											
	465	QUSEIR	20	13	15	02	0	0	—	5.5	30	59	21
	641	PORT SÛDÂN	30	13	30	02	2	8	Cu,Cs	4.2	34	56	24
NORTH SÛDÂN	600	WÂDI HALFA	350	25	15	05	0	0	—	5.5	41	10	3
	640	ABU HAMAD	360	15	35	02	0	0	—		42	6	-3
	660	KAREIMA	360	14	30	02	0	0	—	3.4	42	7	-1
	680	'ATBARA	360	12	10	07	1	5	Cs	0.4	44	6	-1
	721	KHARTÛM	230	3	30	01	0	2	Cu,Ci	2.3	41	6	-3
	730	KASSALA	270	5	30	03	1	7	Cu,Cc	1.0	41	17	11
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK	180	5	35	02	1	6	Cu		36	35	18
	802	ROSEIRES	230	9	35	02	1	4	ac	6.7	33	41	18
	771	EL OBEID	290	15	30	17	0	5	Cb,ac	3.7	35	35	17
	760	EL FÂSHER	170	5	30	03	1	6	Cu,ac		38	21	12
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	160	12	30	25	1	7	Cb	6.6	31	43	17
	880	WÂU	180	7	30	02	2	6	Cu	7.0	33	53	22
	941	JUBA											

At 1800 on Thursday 14th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	TEMPERATURE °C.	HUMIDITY %	DEW POINT °C.	RAIN PAST 12 hrs mms.
SALÛM	320	9	15	00	0	0	—	12.7	22	74	17	0
SÎDI BARÂNI	310	14	14	01	0	0	—	11.8	22	69	16	0
MATRÛH	310	18	12	00	0	0	—	11.8	22	65	15	0
EL DABA	320	9	7	02	2	5	SC		22	83	19	0
ALEXANDRIA												
FOUAD (Airport)	320	7	14	03	1	6	SC	11.0	22	77	18	0
DAMIETTA												
PORT SA'ÎD	300	18	14	03	0	2	SC	9.8	23	74	18	0
EL 'ARISH	330	6	18	03	2	5	Cu	9.5	23	65	16	0
DAMANHUR												
MANSURA	320	5		00	1	0	—	11.2	23	65	16	0
TANTA	310	2	35	01	1	2	Cu	11.1	22	74	17	0
ZAGAZIG												
ISMA'ÎLÎA	340	5	35	01	0	0	—	9.9	25	61	17	0
FAROUK (Airport)	340	12	12	00	0	0	—	11.1	25	54	15	0
ALMAZA	360	10	12	00	0	0	—	10.2	25	54	15	0
EZBEKÎYA	360	6	12	00	0	0	—	10.6	25	54	15	0
GÎZA	360	6	12	00	0	0	—	11.1	25	47	13	0
HELWÂN	320	9	15	02	0	0	—	10.4	25	47	13	0
FAIYÛM	360	2	35	01	0	0	—	10.6	27	37	11	0
MINYA	360	5	8	00	0	0	—	9.3	25	45	12	0
ASYÛT MANQABÂD												
NAG' HAMMÂDI												
QENA												
LUXOR												
ASWÂN	360	6	50	00	0	0	—	6.4	35	12	1	0
SÎWA	320	4	11	00	0	0	—	12.3	30	33	12	0
BAHARÎYA	360	4	15	02	0	0	—	10.6	27	42	13	0
FARAFRA	360	1	15	02	0	0	—	10.8	27	23	4	0
DAKHLA	340	11	50	00	0	0	—	11.4	30	11	-4	0
KHARGA												
SUEZ	360	9	35	01	0	0	—	9.0	26	62	18	0
TÛR	340	13		02	0	0	—	5.0	30	20	15	0
HURGHÂDA	350	23	12	00	0	0	—	4.3	28	55	18	0
QUSEIR												
PORT SÛDÂN	340	8	30	02	2	3	Cu,ac	4.4	31	62	23	0
WÂDI HALFA	360	11	30	02	0	0	—	5.7	33	19	6	0
ABU HAMAD	350	2	30	02	0	2	Ci		34	12	1	0
KAREIMA	360	14	30	02	0	0	—	3.3	37	7	-5	0
'ATBARA	350	12	30	02	2	3	Ci	1.1	37	8	-3	0
KHARTÛM	310	3	30	02	0	2	Ci	1.7	36	14	5	0
KASSALA	180	2	30	01	1	2	ac	2.0	33	30	13	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER	00	0	30	02	2	7	ac		33	30	13	0
GENEINA	70	4	30	03	1	5	ac		34	14	3	0
MALAKÂL												
WÂU												
JUBA												

At 0600 on Friday 15th June,

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	TEMPERATURES °C. Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	340	9	15	03	1	3	Cu	12.0	-0.6	24	29	-1	19	0	54	14	0	91	
SÎDI BARÂNI	330	16	30	00	0	0	—	11.3		23	26		20		65	16	0	108	
MATRÛH	320	11	18	02	0	3	Cu	11.1	-1.7	23	27		16		61	15	0	51	
EL DABA	320	8	15	01	1	2	Cu	11.1		24	25		18		69	18	0	54	
ALEXANDRIA	310	14	50	02	2	5	Cu	10.0	-2.7	24			21	0	61	16	0	63	186
FOUAD (Airport)	320	13	14	03	1	4	SC	11.8		24	27		21		83	21	0	63	138
DAMIETTA	290	5	7	02	1	4	Cu	9.5	-1.9	23			18	-2	74	18	0	Rain	106
PORT SA'ÎD	360	9	15	02	0	2	SC	7.4	-1.9	23	27		21		69	17	0	18	
EL 'ARISH	270	8	14	03	2	7	SC	6.4	-3.2	23	27	-2	19	+1	65	16	0	Rain	94
DAMANHUR	360	9	15	02	1	3	Cu			24			18	0	61	16	0	35	101
MANSURA	270	3	35	00	0	0	—	10.0	-1.8	24	31	-3	18	-1	61	16	0	31	55
TANTA	220	2	35	01	1	2	Cu	9.8	-2.4	24	30	-4	16	-2	61	16	0	23	44
ZAGAZIG	320	1	35	02	0	0	—	9.1	-2.9	24			17	-1	69	18	0	Rain	27
ISMA'ÎLÎA	340	5	35	03	1	4	Cu	10.5		25	32		19		74	20	0	17	
FAROUK (Airport)	320	8	12	03	0	0	—	11.3		23	31		19		61	15	0	Rain	
ALMAZA	350	6	15	03	1	3	Cu	10.3	-1.5	23	30		19		61	15	0	12	
EZBEKÎYA	360	4	12	02	1	3	ac	10.7	-1.1	24	31	-4	20	0	57	15	0	11	26
GÎZA	360	4	12	02	1	3	ac	10.0	-1.8	23	32	-3	16	-2	61	15	0	11	26
HELWÂN	320	8	7	03	1	2	Cu	10.8	-0.8	22	31	-4	18	-2	65	15	0	12	29
FAIYÛM	00	0	35	03	1	2	Cu,Sc	11.5	0.0	23	32	-4	18	-2	65	16	0	8	8
MINYA	360	9	8	00	0	0	—	10.6	-0.2	23	33		17		65	16	0	3	
ASYÛT MANQABÂD	320	7	12	00	0	0	—	9.8	-0.8	24			19		61	16	0	dr.	
NAG' HAMMÂDI	270	3	15	00	0	0	—	9.1	+0.1	28			20	0	33	10	0	0.1	
QENA	360	3	15	00	0	0	—	8.8	0.0	28			24	+1	27	7	0	2	
LUXOR	340	13	30	00	0	0	—	8.6	-0.2	29			22		27	8	0	0	
ASWÂN	340	10	50	00	0	0	—	8.8	0.0	28	39	-2	24	-2	33	10	0	0	
SÎWA	320	5	14	00	0	0	—	13.8	+0.3	22	33	-5	18	-1	65	15	0	1	8
BAHARÎYA	360	1	35	02	0	0	—	12.3	-0.1	22	33	-3	19	0	38	7	0	dr.	7
FARAFRA	00	0	15	02	0	0	—	12.0		25	34		21		39	10	0	dr.	
DAKHLA	00	0	50	00	0	0	—	12.4	+1.4	27	35	-5	20	-2	33	9	0	0	
KHARGA	360	4	15	00	0	0	—	10.2	+0.6	26	39	0	21	-2	42	12	0	0	
SUEZ	310	5	50	00	0	3	Cu	9.5	-1.4	24	33	-2	19	-2	54	14	0	5	17
TÛR	310	9	15	02	0	0	—	6.7	-1.8	26	33	0	24	+1	55	16	0	4	13
HURGHÂDA	350	23	30	00	0	0	—	6.1	-2.6	24	31		23		74	19	0	8	
QUSEIR	360	3	15	02	0	0	—	7.0	-1.4	27			26	0	55	11	0	dr.	4
PORT SÛDÂN											39								97
WÂDI HALFA											42								
ABU HAMAD											42								
KAREIMA											43								2
'ATBARA											45								7
KHARTÛM											43								11
KASSALA											41								34
WÂD MEDANI																			38
RENK																			125
ROSEIRES																			166
EL OBEID																			50
EL FÂSHER											38								22
GENEINA											38								48
MALAKÂL																			255
WÂU																			445
JUBA																			534

HUMIDITY % Mean of day

STATION	on 14th	Diff. from normal
Alexandria	65	-7
Ezbekiya	62	+8
Giza	57	+4
Helwân	51	+10

GÎZA GRASS MINIMUM TEMP. ON 15th 13.5°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ..... AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Meteran Obs ~~AIRPORT~~ — On 13th At 8½

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	161	28	37	320	6
950					
900					
850	1580	17	37	320	19
800					
700	3191	8	31	300	18
600		0	32	290	30
500	5880	-9		240	25
400					
300	9675	-30		230	86

UPPER WIND OBSERVATIONS on 14th

STATION	Siwa DIR.	Siwa VEL.	Minya DIR.	Minya VEL.	Asyut DIR.	Asyut VEL.	Dakhla DIR.	Dakhla VEL.	Matruh DIR.	Matruh VEL.	Kharga DIR.	Kharga VEL.	Hurghada DIR.	Hurghada VEL.	Farouk A.P. DIR.	Farouk A.P. VEL.	El Arish DIR.	El Arish VEL.	S. Barani DIR.	S. Barani VEL.	DIR.	VEL.	DIR.	VEL.	Minya DIR.	Minya VEL.
TIME	14		14		14		14		14		14		14		14		15		14						20	
HEIGHT m.																										
300	320	15	260	14	340	16	310	14	310	16	10	22	340	36	330	27	320	17	320	17					360	43
600	320	11	350	10	340	24	310	16	310	22	10	26	340	31	330	19	340	11	320	19					360	47
1000	330	21	240	16	340	34	310	23	310	23	20	26	330		300	15	340	12	330	22					360	33
1500	330	23	60	6	340	32									350				290	19					340	24
2000					330	20																				
3000																										
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 15th

STATION	SÎDI BARÂNI DIR.	SÎDI BARÂNI VEL.	MATRÛH DIR.	MATRÛH VEL.	FOUAD AIRPORT DIR.	FOUAD AIRPORT VEL.	PORT SA'ÎD DIR.	PORT SA'ÎD VEL.	EL 'ARÎSH DIR.	EL 'ARÎSH VEL.	HELWÂN DIR.	HELWÂN VEL.	MINYA DIR.	MINYA VEL.	ASYUT MANQABÂD DIR.	ASYUT MANQABÂD VEL.	LUXOR DIR.	LUXOR VEL.	ASWÂN DIR.	ASWÂN VEL.	HURGHADA DIR.	HURGHADA VEL.	Farouk A.P. DIR.	Farouk A.P. VEL.
TIME			4										2										5	
HEIGHT m.																								
300			310	24									10	20									320	10
600			310	17									360	22									330	14
1000			300	21									340	29									340	13
1500			320	18																			260	10
2000																							280	14
3000																							240	16
4000																								
5000																								
6000																								
7000																								
8000																								

STATION	SÎWA DIR.	SÎWA VEL.	BAHARÎYA DIR.	BAHARÎYA VEL.	DAKHLA DIR.	DAKHLA VEL.	KHARGA DIR.	KHARGA VEL.	WÂDI HALFA DIR.	WÂDI HALFA VEL.	ABÛ HAMAD DIR.	ABÛ HAMAD VEL.	KAREIMA DIR.	KAREIMA VEL.	KHARTÛM DIR.	KHARTÛM VEL.	KASSALA DIR.	KASSALA VEL.	EL OBEID DIR.	EL OBEID VEL.	EL FÂSHER DIR.	EL FÂSHER VEL.	MALAKÂL DIR.	MALAKÂL VEL.
TIME	8		8		8		8																	
HEIGHT m.																								
300	350	6	360	20	330	7	360	13																
600	360	8	360	22	340	7	360	16																
1000	360	13	340	27	340	9	10	16																
1500	10	12	270	9	320	10	20	16																
2000	320	12																						
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

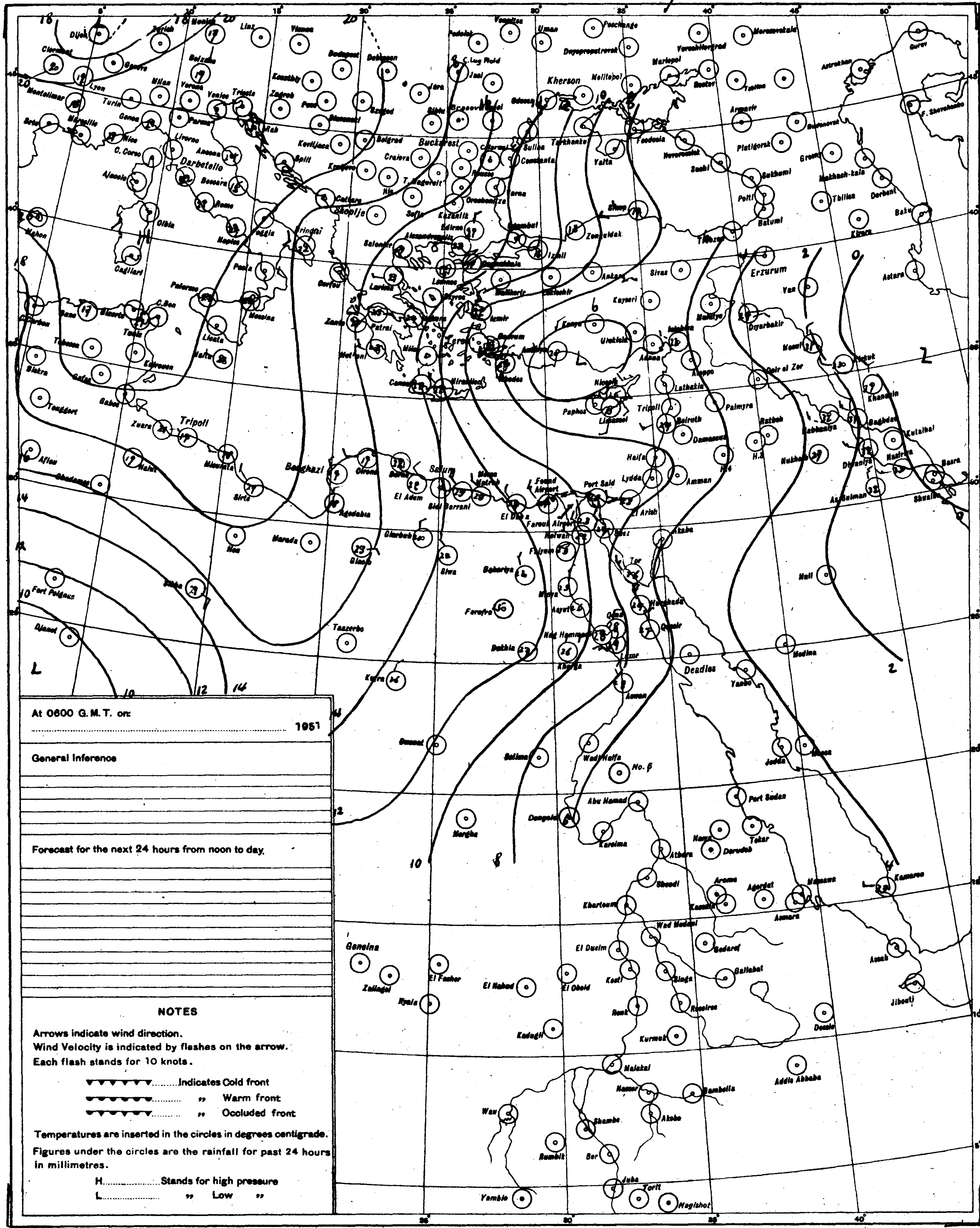
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Friday 18/1/61 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- ,, or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- ,, ,, hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
,, ,, hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
,, ,, hail 96
,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds 0
Some clouds 1
Mainly overcast 2
Sandstorm or Duststorm 3
Fog or thick dusthaze *(vis less than 1000 m.)* 4
Drizzle 5
Rain 6
Snow or rain and snow 7
Showers of rain 8
Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th ,, ,, ,, ... 2
3/8 ,, ,, ,, ,, ... 3
4/8 ,, ,, ,, ,, ... 4
5/8 ,, ,, ,, ,, ... 5
6/8 ,, ,, ,, ,, ... 6
7/8 ,, ,, ,, ,, ... 7
Sky completely covered 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 57 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 16th June 1951

At 1200 on Friday 15th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	9	35	00	1	1	Cu	11.8	26	42	12
	303	SÎDI BARÂNI	330	15	18	01	0	0	—	11.8	25	65	18
	306	MATRÛH	330	15	15	00	1	0	—	11.7	25	58	16
	309	EL DAB'A	320	9	35	01	1	2	Cu	10.2	25	47	13
		ALEXANDRIA	310	20	50	01	2	4	Cu	10.3	25	54	15
	318	FOUAD (Airport)	300	17	30	02	0	4	Cu	10.4	26	70	20
	330	DAMIETTA	320	13	35	02	1	2	Cu	9.5	25	61	17
	333	PORT SA'ÎD	340	16	18	02	0	1	Sc	9.5	25	65	18
	336	EL 'ARISH	300	10	30	01	1	1	Cu	8.6	26	55	16
Lower Egypt	339	DAMANHUR											
	342	MANSURA											
	348	TANTA	270	8	35	01	1	4	Cu	9.4	29	40	14
	354	ZAGAZIG	00	0	35	02	0	0	—	8.6	30	52	19
	440	ISMA'ÎLÎA	340	2	35	02	1	4	Cu	9.3	31	38	15
Cairo Area	366	FAROUK (Airport)	290	9	30	01	2	3	Cu	10.2	30	38	14
	372	ALMÂZA	340	12	18	01	1	1	Sc	9.8	28	37	12
		EZBEKÎYA	350	6	18	02	1	2	Ci	10.0	30	40	15
		GÎZA	350	6	18	02	1	2	Ci	9.3	30	31	11
	378	HELWÂN	290	5	35	01	1	1	Cu	9.1	29	31	10
Upper Egypt	381	FAIYÛM	360	2	35	01	2	0	—	9.8	30	35	13
	387	MINYA	10	15	10	00	0	0	—	9.9	30	29	10
	393	ASYÛT MANQABÂD	340	10	30	00	0	0	—	8.6	30	38	14
	399	NAG' HAMMÂDI	270	2	35	00	0	0	—	8.7	32	28	11
	402	QENA	290	3	50	00	0	0	—	7.0	36	17	7
	405	LUXOR	320	13	30	00	0	0	—	6.4	34	23	10
	414	ASWÂN	40	10	50	00	0	0	—		35	19	8
Oases	417	SÎWA	340	14	14	00	0	0	—	13.0	31	24	8
	420	BAHARÎYA	320	2	35	02	0	0	—	12.3	32	28	11
	423	FARAFRA	320	1	35	02	0	0	—	11.2	31	21	6
	432	DAKHLA	320	11	50	00	0	0	—	11.6	33	16	4
	435	KHARGA	20	9	15	00	0	0	—	9.5	34	36	17
Red Sea	450	SUEZ	360	4	50	01	0	0	—	7.8	29	35	12
	459	TÛR	310	9	50	02	0	0	—	6.3	27	55	17
	462	HURGHÂDA	20	24?	30	00	0	0	—		27	66	20
	465	QUSEIR	20	13	15	02	0	0	—	6.2	28	70	22
	641	PORT SÛDÂN											
North Sudan	600	WÂDI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA											
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Friday 15th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	290	15	15	00	0	0	—	13.1	22	65	15	0
SÎDI BARÂNI	320	15				0	—	11.9	22	65	15	0
MATRÛH	320	10	18	00	0	0	—	12.4	22	61	14	0
EL DAB'A	320	7	7	01	1	3	Cu	12.1	22	65	15	0
ALEXANDRIA	310	16	35	00	0	0	—	11.4	22	83	19	0
FOUAD (Airport)	320	13	10	02	1	3	Sc	11.2	22	89	20	0
DAMIETTA	320	9	7	03	1	4	Cu	10.8	23	78	19	0
PORT SA'ÎD	310	15	14	02	0	0	—	10.2	23	69	17	0
EL 'ARISH												
DAMANHUR	360	9	15	02	1	1	Cu	11.8	22	74	17	0
MANSURA	360	5		00	1	0	—	10.7	23	65	16	0
TANTA	00	0	35	01	1	2	Cu	11.4	22	74	17	0
ZAGAZIG	320	3	35	02	1	0	—	10.4	25	61	17	0
ISMA'ÎLÎA	360	5	35	01	0	0	—	11.9	24	57	15	0
FAROUK (Airport)	330	16	13	00	0	0	—	10.7	26	48	14	0
ALMÂZA	340	12	12	02	0	0	—	10.6	26	48	14	0
EZBEKÎYA	320	8	12	00	0	0	—	10.6	25	51	14	0
GÎZA	320	8	12	00	0	0	—	10.7	25	47	13	0
HELWÂN	320	12	15	01	0	0	—	10.4	25	42	11	0
FAIYÛM	00	0	35	02	0	0	—	10.4	27	37	11	0
MINYA												
ASYÛT MANQABÂD	360	3	10	00	0	0	—	8.9	26	48	14	0
NAG' HAMMÂDI												
QENA	320	3	7	00	0	0	—	7.5	30	17	2	0
LUXOR												
ASWÂN	340	10	50	00	0	0	—	7.4	32	20	6	0
SÎWA	320	4	11	00	0	0	—	11.8	29?	27	8	0
BAHARÎYA	320	3	15	02	0	0	—	11.2	27	33	9	0
FARAFRA	360	1	15	02	0	0	—	11.1	27	27	6	0
DAKHLA	340	11	50	00	0	0	—	12.6	29	19	3	0
KHARGA	360	2	15	00	0	0	—	11.2	30	31	11	0
SUEZ	360	6	35	02	0	0	—	8.8	25	61	17	0
TÛR	340	13		02	0	0	—	5.9	24	38	9	0
HURGHÂDA	360	23	12	00	0	0	—	4.4	27	58	18	
QUSEIR												
PORT SÛDÂN	320	7	30	02	0	1	Ac	5.8	30	62	22	0
WÂDI HALFA	330	12	50	02	0	0	—	7.4	31	19	5	0
ABU HAMAD	310	5	30	02	0	0	—		34	10	-2	0
KAREIMA	330	8	30	02	0	0	—	6.3	33	13	1	0
'ATBARA	330	7	30	02	0	0	—	4.5	35	12	1	0
KHARTÛM		6	30	01	0	1	Ci	4.3	35	10	-1	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	0	0	—	5.1	32	41	17	0
EL FÂSHER	00	0	30	02	1	1	Ac, Ci		32	29	12	0
GENEINA	80	1	30	13	9	7	Cu, Ac		24	69	18	dr.
MALAKÂL	00	0	30	13	6	8	Cb, Ac	10.7	24	94	23	0.5
WÂU	130	3	30	18	6	7	Sc, Ac	10.6	24	89	22	4
JUBA	310	2	30	01	2	6	Ac, Cs	9.3	25	84	22	0

At 0600 on Saturday 16th June

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	360	13	15	00	0	0	—	14.2	+1.7	24	26	-4	18	-1	54	14	0	91	
SÎDI BARÂNI	310	13	30	00	0	0	—	13.5		23	26		18		65	16	0	108	
MATRÛH	300	8	30	00	0	0	—	13.6	+0.8	23	26		15?		61	15	0	51	
EL DAB'A	310	11	15	00	0	0	—	13.0		23	25		19				0	54	
ALEXANDRIA	310	16	50	03	1	6	Cu	12.0	-0.6	23	26	-2	20	-1	65	16	0	63	186
FOUAD (Airport)	310	10	18	03	1	4	Sc	12.0		23	27		20		84	20	0	63	138
DAMIETTA	290	5	7	03	1	6	Cu	11.6	+0.3	23	26	-3	17	-3	74	18	0	Rain	106
PORT SA'ÎD	260	9	14	01	1	3	Sc	11.5	+0.3	23	26		20		74	18	0	18	
EL 'ARISH	320	5	30	03	1	1	Cu	10.7	-0.7	23			18	0	65	16	0	Rain	94
DAMANHUR	270	5	15	02	1	3	Cu	11.3	-2.5	24	26	-6	17	-1	69	18	0	35	101
MANSURA	320	5	35	00	0	0	—	12.4	+0.7	25	31	-3	17	-2	61	17	0	31	55
TANTA	270	2	35	03	2	5	Cu	12.1	-0.1	24	30	-4	15	-3	69	18	0	23	44
ZAGAZIG	210	2	35	02	0	0	—	11.2	-0.6	24	32	-2	17	-1	69	18	0	Rain	27
ISMA'ÎLÎA	290	2	35	03	1	6	Cu	11.9		25	32		18		61	17	0	17	
FAROUK (Airport)	290	9	14	03	0	3	Sc	13.1		23	31		19		65	16	0	Rain	
ALMÂZA	300	6	14	03	1	2	Sc	12.3	+0.6	22	30		19		65	15	0	12	
EZBEKÎYA	360	6	12	02	1	4	Ac	12.8	+1.1	23	31	-4	19	-1	65	16	0	11	26
GÎZA	360	6	12	02	1	4	Ac	12.6	+0.9	24	31	-4	15	-3	61	16	0	11	27
HELWÂN	00	0	15	03	1	2	Cu	12.8	+1.3	22	30	-5	17	-3	65	15	0	12	29
FAIYÛM	360	2	35	02	0	0	—	12.6	+1.2	23	31	-5	17	-3	65	16	0	8	8
MINYA	20	8	8	00	0	0	—	12.9	+1.7	23			17		61	15	0	3	
ASYÛT MANQABÂD	280	6	8	00	0	0	—	11.2	+0.7	23	32		19		65	16	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.6	+2.7	28			17	-3	40	13	0	0.1	
QENA	220	2	15	00	0	0	—	10.7	+2.1	28	37	-4	21	-2	33	10	0	2	
LUXOR	340	8	30	00	0	0	—	10.2	+1.5	29			22		35	12	0	0	
ASWÂN	320	5	50	00	0	0	—	10.8	+2.1	28	35	-7	22	-4	40	13	0	0	
SÎWA	40	3	14	00	0	0	—	15.0	+1.5	23	32	-6	17	-2	61	15	0	t	8
BAHARÎYA											32	-4							7
FARAFRA	40	1	35	02	0	0	—	14.0		24			23		32	6	0	dr	
DAKHLA	00	0	50	00	0	0	—	12.7	+1.7	28	34	-6	19	-3	33	10	0	0	
KHARGA	360	4	15	00	0	0	—	12.4	+2.9	25	35	-4	21	-2	34	8	0	0	
SUEZ	310	4	50	00	0	1	Cu	11.1	+0.3	23	32	-3	18	-3	61	15	0	5	17
TÛR	310	24	7	02	0	0	—	9.1	+0.7	26	28	-5	24	+1	62	18	0	4	13
HURGHÂDA	350	25	30	00	0	0	—	8.1	-0.5	25	29		22		70	19	0	8	
QUSEIR	360	13	15	02	0	0	—	8.8	+0.5	28			23	-3	58	19	0	dr.	4
PORT SÛDÂN											36								97
WÂDI HALFA	360	6	30	02	0	0	—	10.6		27	37				28	7	0	dr	
ABU HAMAD	350	12	30	02	0	0	—			30	39		24		21	5	0		
KAREIMA	20	5	30	02	0	0	—	10.0		28	40		23		19	2	0	dr	2
'ATBARA	350	3	30	03	2	6	Cs	9.1		30	42		22		38	5	0	5	8
KHARTÛM	00	6	30	02	2	7	Cs	9.8		32	42		23		11	-2	0	7	11
KASSALA	280	9	30	03	2	7	Ac, Cs	9.0		29			22		52	18	0	16	35
WÂD MEDANI	230	9	35	02	0	2	Ci	10.8		29	40		25		52	18	0	59	40
RENK																			128
ROSEIRES	180	5	35	02	2	7	As			26	34		20		62	18	0	50	170
EL OBEID											37								52
EL FÂSHER	50	3	30	01	1	4	Ci			27	37		23		37	11	0	9	23
GENEINA	30	1	30	03	2	8	Ac			24	34				74	19	dr		50
MALAKÂL	230	3	30	02	2	7	Ac, Ci	11.7		25	32		23		79	21	0.5	162	259
WÂU	180	3	30	02	2	7	Ac	11.5		24	33		22		84	21	4	287	451
JUBA	130	2	30	01	2	8	St, Ac, Cs	13.5		25	29		21		84	22	0	410	537

HUMIDITY % Mean of day

Station	on 15th	Diff. from normal
Alexandria	59	-13
Ezbekiya	52	-2
Giza	50	-3
Helwân	51	+10

GÎZA GRASS MINIMUM TEMP. ON 16th 12.9°C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 15th

Height m.	Kharga Dir.	Kharga Vel.	Minya Dir.	Minya Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Farafra Dir.	Farafra Vel.	K.A.S. Dir.	K.A.S. Vel.	Hurghada Dir.	Hurghada Vel.
Time	14		14		14		14		15		14		14	
300	10	18	340	30	340	11	340	13	350	9	320	10	350	25
600	10	26	340	35	340	10	350	9	330	8	330	16	340	21
1000	10	34	340	22	330	16	340	14	310	7	330	13	310	16
1500			330	7	320	16	330	15	310	11	320	17	300	17
2000					310	16			280	10	330	17	310	18
3000					290	23			250	22				
4000														
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 16th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyût Manqabâd Dir.	Asyût Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk R.A.P. Dir.	Farouk R.A.P. Vel.
Time			9		8								2						8		8		8 45	
300			320	11	300	27							10	24					350	4	330	17	310	14
600			310	17	300	36							360	31					350	5	310	20	300	16
1000			340	11	300	38							320	21					320	7	310	21	300	18
1500			330	4	320	33							300	36					340	7	280	10	300	12
2000													310	30					360	9	320	10		
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Baharîya Dir.	Baharîya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8		8				8						4		4				4				3	
300	10	4	30	22			20	11																
600	60	3	30	27			30	15					10	16									230	10
1000	360	5	30	14			30	16					20	17	360	17			240	17			200	9
1500	340	9	10				30	12					350	14	350	15			320	13			200	8
2000																							40	3
3000															280	9							30	12
4000																								
5000																								
6000																								
7000																								
8000																								

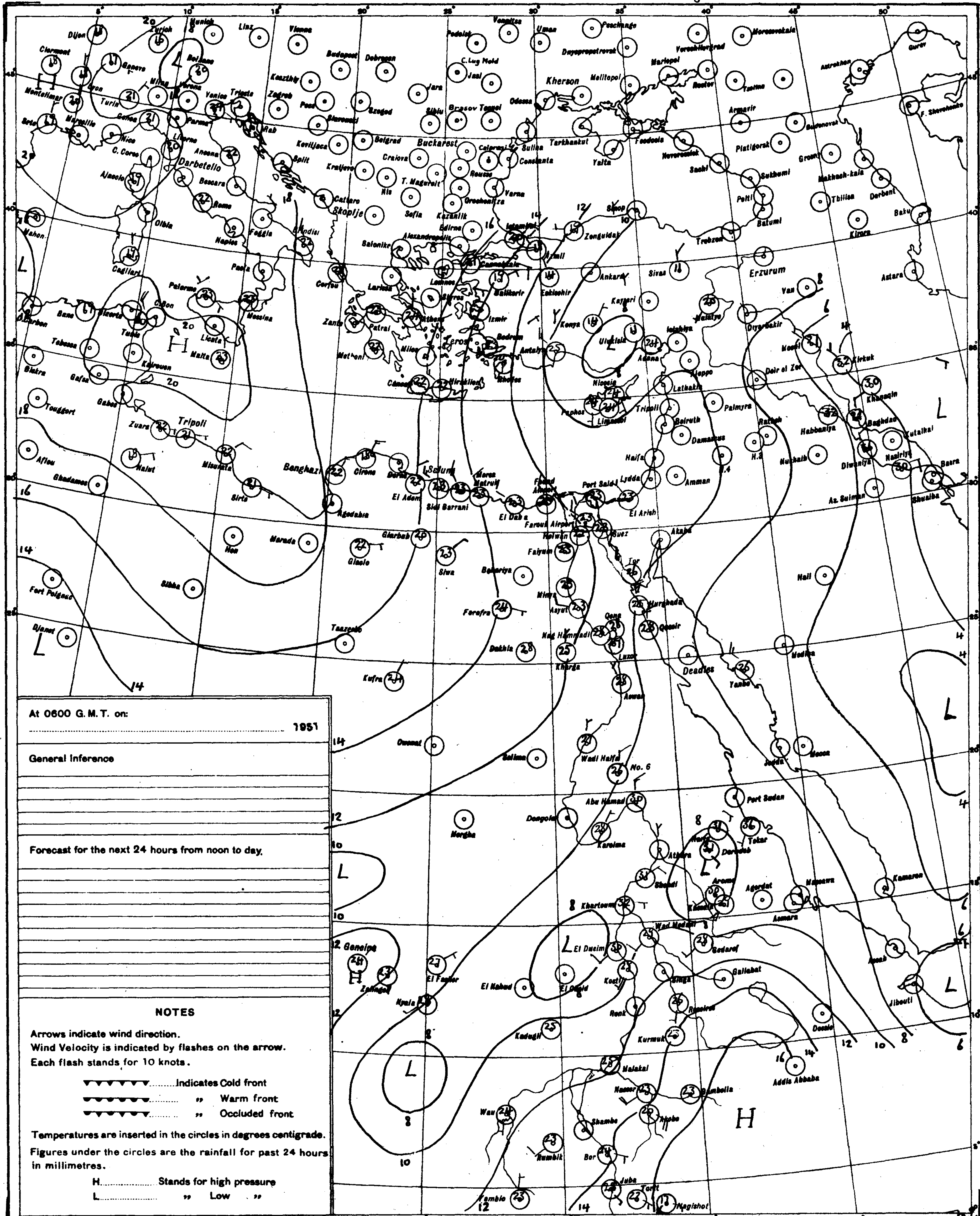
Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 16/6/1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... „ Warm front
▼●▼●▼▼ .... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	
	Shallow fog	12	
Lightning, no thunder heard		13	
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain } Thunderstorm during		91	
Hail } the past hour		93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43)/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 53 G.M.T.

" " Sunset 16 58 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Sunday 17th June, 1951

At 1200 on Saturday 16th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM			35	00	0	0	—	14.7	26		
	303	SÎDI BARÂNI	350	13	30	00	0	0	—	14.7	25	58	16
	306	MATRÛH	340	14	30	03	0	2	cu	14.8	25	51	14
	309	EL DABʿA											
		ALEXANDRIA	310	20	50	01	2	3	ac	12.8	25	61	17
	318	FOUAD (Airport)	300	20	18	02	1	3	sc	12.8	26	70	20
	330	DAMIETTA	320	9	35	00	0	0	—	12.4	25	61	17
	333	PORT SAʿÎD	350	12	30	02	0	1	sc	12.0	25	70	19
	336	EL ʿARISH	310	4	30	03	1	1	cu	11.3	29	42	11
LOWER EGYPT	339	DAMANHUR	310	9	15	02	1	2	cu	12.8	28	52	17
	342	MANŞURA	320	5	35	03	0	5	cu	11.6	30	40	15
	348	TANTA											
	354	ZAGAZIG	320	3	50	03	1	3	cu	12.3	31	52	20
	440	ISMAʿÎLÎA	290	2	35	01	1	2	ac	11.2	30	46	17
CAIRO AREA	366	FAROUK (Airport)	290	12	30	03	1	3	cu	12.3	30	43	16
	372	ALMÂZA	320	13	30	03	0	1	cu	11.5	30	35	13
		EZBEKÎYA	350	8	18	02	1	3	cu, ci	11.5	30	35	13
		GÎZA	350	8	18	02	1	3	cu, ci	11.8	31	31	12
	378	HELWÂN	270	5	35	02	1	1	cu	12.0	29	35	12
UPPER EGYPT	381	FAIYÛM	360	5	35	02	0	0	—	12.7	31	31	12
	387	MINYA	20	11	10	00	0	0	—	12.5	32	26	10
	393	ASYÛT MANQABÂD	340	15	30	00	0	0	—	11.0	31	28	10
	399	NAGʿ HAMMÂDI	250	3	35	00	0	0	—	10.0	32	34	14
	402	QENA	320	2	50	00	0	0	—	8.8	36	20	10
	405	LUXOR											
	414	ASWÂN	340	7	50	00	0	0	—	8.3	33	21	8
OASES	417	SÎWA	270	4	14	00	0	0	—	15.4	30	21	5
	420	BAHARÎYA											
	423	FARAFRA	320	1	35	02	0	0	—	12.9	32	20	6
	432	DAKHLA	340	5	50	00	0	0	—	13.0	32	24	9
	436	KHARGA											
RED SEA	450	SUEZ	00	0	50	02	0	0	—	9.8	30	35	13
	459	TÛR											
	462	HURGHÂDA	360	19	30	00	0	0	—	6.9	28	62	20
	465	QUSEIR	20	13	15	02	0	0	—	7.0	29	66	22
	641	PORT SÛDÂN	50	13	30	03	2	8	cs	6.6	33	44	19
NORTH SÛDÂN	600	WÂDI HALFA	330	18	30	02	0	1	cs	8.4	36	9	-2
	640	ABU ḤAMAD	340	5	30	02	0	4	ci		37	11	2
	660	KAREIMA											
	680	ʿATBARA	300	14	10	07	2	6	cs	5.4	39	7	-4
	721	KHARTÛM	360	5	30	02	1	3	ci	6.5	38	11	3
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	90	8	30	03	1	5	cu, ci	6.4	37	35	19
	760	EL FÂSHER											
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	180	7	30	01	2	8	cu, ac	11.1	29	66	22
	880	WÂU											
	941	JUBA	50	2	30	03	2	6	cb, ac	9.5	31	55	21

At 1800 on Saturday 16th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM												
SÎDI BARÂNI												
MATRÛH	350	7	18	00	0	0	—	14.7	22	65	15	0
EL DABʿA												
ALEXANDRIA	360	10	35	01	2	2	ac	12.4	22	74	17	0
FOUAD (Airport)	330	11	12	01	1	1	sc	12.8	22	89	20	0
DAMIETTA	320	5	7	03	1	2	cu	13.3	23	74	18	0
PORT SAʿÎD	330	11	14	02	0	1	cu, sc	12.4	23	78	19	0
EL ʿARISH												
DAMANHUR												
MANŞURA	320	5		00	1	0	—	13.1	24	69	18	0
TANTA	270	2	35	02	1	0	—	13.1	22	74	17	0
ZAGAZIG	320	5	35	02	1	0	—	11.4	25	74	20	0
ISMAʿÎLÎA	20	2	35	02	0	0	—	11.5	24	69	18	0
FAROUK (Airport)	340	14	13	00	1	0	—	12.7	26	55	16	0
ALMÂZA	350	11	12	02	0	0	—	11.9	26	51	15	0
EZBEKÎYA	310	6	12	00	0	0	—	12.4	26	55	16	0
GÎZA	310	6	12	00	0	0	—	12.7	25	54	15	0
HELWÂN	320	12	15	01	0	0	—	12.4	26	42	12	0
FAIYÛM	360	8	35	02	0	0	—	12.8	27	52	16	0
MINYA	360	5	8	00	0	0	—	11.6	24	47	12	0
ASYÛT MANQABÂD	350	5	10	00	0	0	—	11.2	27	35	10	0
NAGʿ HAMMÂDI												
QENA												
LUXOR	320	6	12	00	0	0	—	9.1	29	23	6	0
ASWÂN	360	3	50	00	0	0	—	8.7				0
SÎWA	270	5	11	00	0	0	—	14.0	28	29	8	0
BAHARÎYA												
FARAFRA												
DAKHLA	300	11	50	00	0	0	—	12.3	29	19	3	0
KHARGA	360	2	15	00	0	0	—	11.5	31	28	10	0
SUEZ	310	2	35	01	0	0	—	11.8	25	61	17	0
TÛR												
HURGHÂDA	350	18	12	00	0	0	—	7.2	27	66	20	0
QUSEIR	340	6	30	02	0	0	—	7.3	33	12	0	0
PORT SÛDÂN	350	11	30	01	1	0	—	8.5	29	66	22	0
WÂDI HALFA	330	12	30	01	0	0	—	9.2	31	16	2	0
ABU ḤAMAD	310	8	30	02	0	2	ci		33	10	-2	0
KAREIMA	340	6	30	02	0	0	—	7.3	33	12	0	0
ʿATBARA	360	5	30	01	2	1	cs	6.5	33	15	3	0
KHARTÛM	360	5	30	01	1	2	cs	6.2	34	13	2	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	2	ci	6.8	32	41	17	0
EL FÂSHER	70	3	30	01	2	6	cs		31	24	8	0
GENEINA	190	3	30	01	1	3	ac		30	33	12	0
MALAKÂL	00	0	30	02	2	8	ac cs	10.5	27	74	22	0
WÂU	00	0	30	13	2	2	cb, ac	9.1	29	66	22	0
JUBA	00	0	30	01	1	1	ac	9.5	26	84	23	0

At 0600 on Sunday 17th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Diff. from normal mbs	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM																			
SÎDI BARÂNI																			
MATRÛH	320	10	30	00	0	0	—	15.2	+2.5	24	26				65	17	0	51	
EL DABʿA																			
ALEXANDRIA	360	15	50	02	2	5	cu	14.0	+1.5	23	26	2	20	-1	65	16	0	63	186
FOUAD (Airport)	330	11	18	03	2	5	sc	14.1		24	26		20		69	18	0	63	138
DAMIETTA	290	5	7	01	0	1	—	13.8	+2.6	24	26	-3	18	-2	69	18	0	Rain	106
PORT SAʿÎD											26								
EL ʿARISH	270	6	18	03	2	6	cu	12.1	+0.8	25			17		61	17	0	Rain	94
DAMANHUR																			101
MANŞURA	320	5	35	00	0	0	—	14.0	+2.4	24	32	-2	19	0	61	16	0	31	55
TANTA	270	2	35	02	0	0	—	13.4	+1.4	23	30	-4	16	-2	65	16	0	23	44
ZAGAZIG	20	1	35	03	1	3	cu	13.0	+1.3	24	33	-1	17	-1	69	18	0	Rain	27
ISMAʿÎLÎA	340	2	35	03	1	6	cu	13.5		25	32		19		70	19	0	17	
FAROUK (Airport)	160	7	13	01	2	5	sc	14.4		22	32		19		74	17	0	Rain	
ALMÂZA	340	5	12	01	1	4	sc	13.8	+2.2	22	31		20		74	17	0	12	
EZBEKÎYA	360	8	12	02	1	6	cu	14.3	+2.7	23	31	-4	20	0	65	16	0	11	26
GÎZA	360	8	12	02	1	6	cu	13.6	+1.9	23	32	-3	19	+1	65	16	0	11	27
HELWÂN	340	5	15	02	2	6	cu	14.6	+3.1	22	30	-5	19	-1	65	15	0	12	29
FAIYÛM	360	6	35	03	1	1	cu, sc	14.2	+2.9	25	33	-3	17	-3	65	18	0	8	8
MINYA	360	10	10	00	0	0	—	11.9	+1.4	23	32		19		65	16	0	3	
ASYÛT MANQABÂD	280	3	8	10	0	0	—	13.0	+2.6	23	32		19		65	16	0	dr.	
NAGʿ HAMMÂDI																			
QENA	290	2	15	00	0	0	—			30			22	-1	31	11	0	2	
LUXOR											36								
ASWÂN											36	-6							
SÎWA	00	0	14	00	0	0	—	16.2	+2.8	24	33	-5	16	-3	50	13	0	1	8
BAHARÎYA																			7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	14.2	+3.3	28	33	-7	20	-2	40	13	0	0	
KHARGA	360	4	15	00	0	0	—	12.7	+3.3	25	35	-4			47	13	0	0	
SUEZ	310	4	50	00	0	4	cu	12.0	+1.3	24	32	-3	19	-2	38	9	0	5	17
TÛR																			13
HURGHÂDA	350	25	30	00	0	0	—	9.1	+0.6	25	29		22		74	20	0	8	
QUSEIR	360	19	15	02	0	0	—	9.5	+1.3	28			25	-1	58	19	0	dr.	4
PORT SÛDÂN	90	3	30	01	2	6	cs	8.2		31	36		23		55	21	0	155	97
WÂDI HALFA	360	7	30	02	0	0	—	14.4		27	38		21		25	5	0	dr.	
ABU ḤAMAD	350	8	30	01	1	1	ci			30	38		22		18	3	0		
KAREIMA	30	14	30	02	0	2	ci	9.5		31	38		24		17	3	0	dr.	2
ʿATBARA	350	7	30	02	2	7	cs	8.6		32	40		23		12	-1	0	5	8
KHARTÛM	00	0	30	03	0	6	cs	10.1		30	40		23		18	3	0	7	12
KASSALA	240	3	30	02	1	4	ac, ci	9.4		30	41		26		49	18	0	16	35
WÂD MEDANI																			41
RENK																			131
ROSEIRES																			174
EL OBEID	230	5	30	02	1	5	ac	11.1		26	38		22		70	20	0	10	53
EL FÂSHER	150	4	30	02	2	7	cs			27	38		25		48	15	0	9	23
GENEINA	00	0	30	03	1	3	cs			25	37		22		61	17	0		52
MALAKÂL	160	1	30	02	2	8	ac cs	12.0		25	30		23		74	20	dr.	162	263
WÂU	210	2	30	02	2	8	ac	11.2		25	32		23		84	22	0	287	457
JUBA	00	0	30	03	1	8	sc ac	11.4		26	31		22		84	23	0	410	544

HUMIDITY % Mean of day

STATION	on 16th	Diff from normal
Alexandria	66	-6
Ezbeklya	56	+2
Giza	53	0
Helwân	64	+13

GÎZA GRASS MINIMUM TEMP. ON 17th 16.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On ... At ... Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	On ... At ... Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	AIRPORT On ... At ... Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000					
950						950						950					
900						900						900					
850						850						850					
800						800						800					
700						700						700					
600						600						600					
500						500						500					
400						400						400					
300						300						300					

UPPER WIND OBSERVATIONS on 16th

Station	matruh		Siwa		Kharga																				Fouad A.P	
Time	14		14		14																				20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	280	20	320	16	360	13																			330	16
600	280	25	320	14	360	16																			340	15
1000			340	12	360	16																			320	13
1500	290	15	340	10																					330	13
2000			330	8																					350	21
3000			300	14																					310	12
4000			280	19																						
5000			260	21																						
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 17th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Saʿîd		El ʿArîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		
Time			4																				
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir. Vel.
300			310	15																			
600			290	12																			
1000			280	16																			
1500			320	16																			
2000																							
3000																							
4000																							
5000																							
6000																							
7000																							
8000																							

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Ḥamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time									3		4		4				3		4		4			
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300									20	10														
600									30	21	360	27	10	15			200	11						
1000									10	26	10	22	10	15			210	14	250	9	180	15		
1500									350	13	20	21	340	13			220	14	50	15	210	15		
2000									180	6									10	8				
3000									30	9			290	17			360	5	330	13	50	15		
4000																								
5000									260	9														
6000									250	10														
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

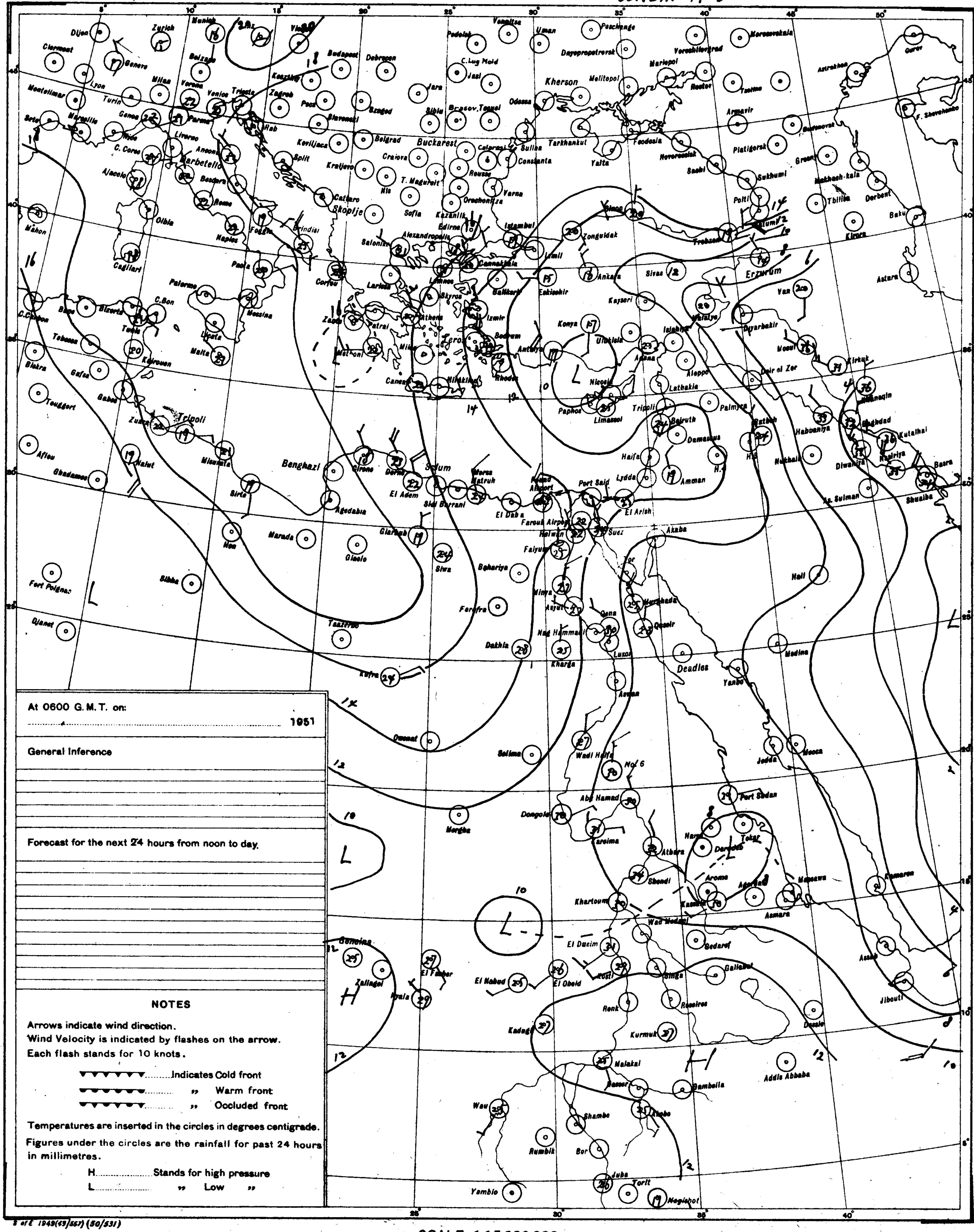
Printed by the Survey of Egypt 1949 (49/557) (50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON SUNDAY 17-6- 1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼ ....Indicates Cold front
●●●●●● .... ,, Warm front
▼●▼●▼● .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H................Stands for high pressure
L................ ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless........00
Clouds dissolving........01
State of sky generally unchanged........02
Clouds developing........03

Visibility more than 1000 metres:
- Visibility reduced by smoke........04
- Dry haze........05
- Dust in the air........06
- ,, or sand raised by wind........07
- Dust devil........08
- Duststorm or sandstorm within sight or at station during last hour........09
- Mist........10
- Shallow fog........12

Lightning, no thunder heard........13
Precipitation within sight........16
Thunder, no precipitation........17

During past hour and not at time of observation:
- Squalls........18
- Drizzle........20
- Rain........21
- Showers of rain........25
- ,, ,, hail........27
- Fog........28
- Thunderstorm........29

Duststorm or Sandstorm........31
Fog........45
Drizzle........50
Rain........60
Showers of rain........80
,, ,, hail........87
Rain } Thunderstorm during........91
Hail } the past hour........93
Thunderstorm with rain........95
,, ,, hail........96
,, ,, Sandstorm........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds........0
Some clouds........1
Mainly overcast........2
Sandstorm or Duststorm........3
Fog or thick dusthaze *(vis less than 1000 m.)*........4
Drizzle........5
Rain........6
Snow or rain and snow........7
Showers of rain........8
Thunderstorm with or without rain........9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless........0
1/8 of sky coverd or trace of cloud........1
2/8 th ,, ,, ,,........2
3/8 ,, ,, ,, ,,........3
4/8 ,, ,, ,, ,,........4
5/8 ,, ,, ,, ,,........5
6/8 ,, ,, ,, ,,........6
7/8 ,, ,, ,, ,,........7
Sky completely covered........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness........9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 22 54 G.M.T.

" " Sunset 16 58 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Monday 18th June, 1951

At 1200 on Sunday 17th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	20	9	35	00	1	1	Cu	15.0	23?	44	10
	308	SÎDI BARÂNI	340	12	30	00	0	0	—	15.7	25	65	16
	308	MATRÛH	360	7	30	00	0	0	—	15.3	26	51	15
	309	EL DABA'	320	8	35	00	0	0	—		26	74	21
		ALEXANDRIA	360	17	50	02	2	6	Cu	14.2	25		
	318	FOUAD (Airport)	320	16	18	02	1	5	Sc	14.0	26	62	18
	330	DAMIETTA											
	333	PORT SA'ID	350	12	30	02	0	1	Sc	13.0	25	65	18
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR											
	342	MANSURA											
	348	TANTA	310	5	35	01	1	2	Cu	12.7	29	46	16
	354	ZAGAZIG	320	2	50	03	1	2	Cu	13.1	31	49	19
	440	ISMA'ILIA											
Cairo Area	366	FAROUK (Airport)	340	5	18	03	0	1	Cu	13.1	30	40	15
	372	ALMAZA	320	11	15	00	0	0	—	12.6	30	31	11
		EZBEKIYA	270	6	18	00	0	0	—	12.6	30	35	13
		GÎZA	270	6	18	00	0	0	—	12.6	30	35	13
	378	HELWÂN	290	4	35	02	0	0	—	12.7	29	29	9
Upper Egypt	381	FAIYÛM	360	6	35	01	0	0	—	13.8	30	31	11
	387	MINYA	330	11	12	00	0	0	—	12.7	32	20	6
	393	ASYÛT MANQABÂD											
	399	NAG' HAMMÂDI											
	402	QENA	90	2	50	00	0	0	—	9.3	36	13	4
	405	LUXOR	340	15	30	00	0	0	—	9.1	36		
	414	ASWÂN											
Oases	417	SÎWA	00	0	14	00	0	0	—	16.4	31	24	8
	420	BAHARÎYA	320	3	35	02	0	0	—	13.1	31	31	12
	423	FARAFRA											
	432	DAKHLA	20	11	50	00	0	0	—	13.6	32	20	6
	435	KHARGA	360	7	15	00	0	0	—	11.5	34	22	7
Red Sea	450	SUEZ											
	459	TOR	310	24	50	02	0	0	—	11.1?	29	35	12
	462	HURGHADA	360	19	30	00	0	0	—	8.8	28	62	20
	465	QUSEIR	20	13	15	02	0	0	—	9.1	29	70	23
	641	PORT SUDÂN											
North Sudan	600	WÂDI HALFA	360	15	30	03	1	3	Cs	9.1	37	13	5
	640	ABU HAMAD	350	3	30	01	2	2	Ci		38	9	-1
	660	KAREIMA											
	680	'ATBARA	300	12	30	01	2	3	Cs	5.0	40	5	-8
	721	KHARTÛM											
	730	KASSALA	200	5	30	03	2	7	Cu, Ac	5.7	39	16	9
Central Sudan	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA	250	3	30	03	1	5	Cu, Ac		34	29	13
S. Sudan	840	MALAKÂL	160	1	30	03	2	8	Cu, Ac	8.8	34	39	18
	880	WAU											
	941	JUBA	90	5	30	03	2	7	Cu, Ac	8.7	32	49	20

At 1800 on Sunday 17th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	320	6	15	00	0	0	—	15.4	23	65	16	0
SÎDI BARÂNI	330	8	18	03	0	1	Sc	15.0	22	78	18	0
MATRÛH	320	6	30	00	0	0	—	15.1	22	69	16	0
EL DABA'												
ALEXANDRIA	360	17	35	00	0	0	—	14.0	22	65	15	0
FOUAD (Airport)	340	12	14	02	0	0	—	13.7	22	69	16	0
DAMIETTA		5	7	02	0	2	Cu	13.6	24	69	18	0
PORT SA'ID	320	14	14	03	0	3	Sc	12.5	23	84	20	0
EL 'ARISH	360	6	14	03	1	1	Cu	11.7	23	74	18	0
DAMANHUR												
MANSURA												
TANTA	270	2	35	02	0	0	—	13.8	22	74	17	0
ZAGAZIG	320	1	35	02	1	0	—	13.3	24	74	19	0
ISMA'ILIA	360	2	35	02	0	0	—	12.6	25	61	17	0
FAROUK (Airport)												
ALMAZA	360	10	12	00	0	0	—	12.7	25	54	15	0
EZBEKIYA	350	8	12	00	0	0	—	13.1	26	51	15	0
GÎZA	350	8	12	00	0	0	—	13.6	25	47	13	0
HELWÂN	320	13	15	02	0	0	—	12.7	25	47	13	0
FAIYÛM	360	8	35	02	0	0	—	12.7	27	42	13	0
MINYA	360	6	8	00	0	0	—	12.1	23?	50	12	0
ASYÛT MANQABÂD	360	2	15	00	0	0	—	11.6	27	35	10	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	11.2	26	42	12	0
QENA	290	2	7	00	0	0	—	9.0	32	20	6	0
LUXOR	320	6	12	00	0	0	—	9.1	29	23	6	0
ASWÂN	320	5	15	00	0	0	—	9.3	33	16	4	0
SÎWA	00	0	11	00	0	0	—	15.1	28	25	6	0
BAHARÎYA	360	1	15	02	0	0	—	13.5	27	37	11	0
FARAFRA												
DAKHLA	340	8	50	00	0	0	—	13.6	28	22	4	0
KHARGA												
SUEZ												
TOR	310	19	7	02	0	0	—	7.6	29	29	9	0
HURGHADA	330	20	12	00	0	0	—	7.1	28	52	17	0
QUSEIR	20	5	15	02	0	0	—	7.8	27	70	21	0
PORT SUDÂN	340	7	30	02	0	0	—	8.2	30	52	19	0
WÂDI HALFA												
ABU HAMAD	310	5	30	02	0	0	—		33	10	-2	0
KAREIMA	330	6	30	01	1	3	Ci	8.1	32	16	3	0
'ATBARA	330	5	30	01	0	1	Cs	6.4	34	12	1	0
KHARTÛM	330	3	30	02	2	7	Cs	7.1	34	16	5	0
KASSALA	00	0	30	03	0	6	Ac	7.7	30	33	12	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	02	2	7	Cs	7.6	30	31	11	0
EL FÂSHER	00	0	30	02	2	7	Ac, Cs		31	29	11	0
GENEINA	250	9	30	13	1	6	Sc, Cu		31	38	15	0
MALAKÂL	200	7	30	03	9	8	Cb, As	11.2	25	89	23	26
WAU	340	1	30	01	9	6	Ac	11.1	23	69	17	7
JUBA	00	0	30	01	2	8	Ac, Cs	12.0	27	74	22	0

At 0600 on Monday 18th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	320	13	15	00	0	0	—	15.1	+2.8	23	27	-3	19	0	65	16	0	91	
SÎDI BARÂNI	310	15	14	02	1	5	Sc	14.6		23	26		21		74	18	0	108	
MATRÛH	330	12	18	02	1	6	Sc			23	27		18		74	18	0	51	
EL DABA'																			
ALEXANDRIA	310	11	50	01	2	2	Cu	13.1	+0.7	23	26	-2	21	0	65	16	0	63	186
FOUAD (Airport)	300	12	18	03	0	2	Sc	12.8		24	26		21		69	18	0	63	138
DAMIETTA	290	5	7	03	1	5	Cu	13.1	+2.0	23	26	-3	19	-1	74	18	0	Rain	106
PORT SA'ID	300	10	14	02	1	4	Sc	12.6	+1.5	24	26		20		65	17	0	18	
EL 'ARISH	270	7	18	03	2	6	Cu	11.1	-0.1	24	27	-2	19	+1	69	18	0	Rain	94
DAMANHUR	310	9	15	02	1	1	Cu	13.0	+1.4	24			17	-1	74	19	0	35	101
MANSURA	360	5	35	00	0	0	—	13.5	+2.0	24			18	-1	69	18	0	31	55
TANTA	270	2	35	01	1	3	Cu	13.5	+1.7	24	30	-4	16	-2	69	18	0	23	44
ZAGAZIG	320	1	35	02	0	0	—	12.7	+1.1	25	33	-1	17	-1	70	19	0	Rain	27
ISMA'ILIA	340	2	35	03	1	4	Cu	13.0		24	31		19		69	18	0	17	
FAROUK (Airport)	320	7	12	03	0	2	Cu	14.4		22			18		69	16	0	Rain	
ALMAZA	340	8	15	03	0	2	Cu	13.5	+1.9	22	31		19		74	17	0	12	
EZBEKIYA	360	6	12	02	1	3	Cu	13.8	+2.2	24	31	-4	19	-1	61	16	0	11	26
GÎZA	360	6	12	02	1	3	Cu	13.3	+1.7	23	31	-4	16	-2	65	16	0	11	27
HELWÂN	340	10	7	02	0	1	Cu	13.9	+2.5	22	30	-5	18	-2	65	15	0	12	29
FAIYÛM	360	6	35	02	0	0	—	15.2?	+4.0	24	32	-4	18	-2	61	16	0	8	8
MINYA	360	11	8	00	0	0	—	14.0	+3.6	23	33		17		65	16	0	3	
ASYÛT MANQABÂD	350	6	12	00	0	0	—	13.7	+3.4	23	33		19		57	14	0	dr.	
NAG' HAMMÂDI	290	2	15	00	0	0	—	11.5	+2.7	25	34	-4	19	-1	64	15	0	0.1	
QENA	320	2	15	00	0	0	—	10.6	+2.3	26	38	-3	22	-1	42	12	0	2	
LUXOR											36								
ASWÂN	360	11	35	00	0	0	—	11.4	+2.9	29	36	-6	22	-4	29	9	0	0	
SÎWA	80	3	14	00	0	0	—	16.2	+2.8	25	33	-5	17	-2	47	13	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	15.0	+2.9	23	32	-4	17	-2	65	16	0	dr.	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	13.8	+2.9	27	33	-7	20	-3	42	13	0	0	
KHARGA	360	4	15	00	0	0	—	13.0	+3.7	27			25	+2	42	13	0	0	
SUEZ	360	5	50	00	0	3	Cu	12.0	+1.4	24			19	-2	54	14	0	5	17
TOR	310	16	7	02	0	0	—	9.0	+0.8	26	30	-3	24	+1	48	14	0	4	13
HURGHADA	340	20	30	00	0	0	—	8.9	+0.5	25	28		23		65	18	0	8	
QUSEIR	360	13	15	02	0	0	—	9.3	+1.2	27	30	-3	25	-1	62	19	0	dr	4
PORT SUDÂN	00	0	30	02	2	7	Cs	10.4		31	35		25		41	16	0	155	97
WÂDI HALFA	350	8	30	01	0	0	—	11.6		27	38		20		19	1	0	dr	
ABU HAMAD	330	17	15	00	0	0	—			30	39				13	-1	0		
KAREIMA	20	12	30	02	0	0	—	10.0		31	38		24		19	5	0	dr.	2
'ATBARA	360	13	10	07	1	5	Cs	8.3		31	41		23		13	0	0	5	8
KHARTÛM	350	10	30	01	1	2	Cu	9.1		31	40		25		11	-3	0	7	12
KASSALA	210	12	18	03	0	3	Ac, Cu	8.3		31	40		25		43	17	0	16	36
WÂD MEDANI	230	5	35	02	0	0	—	9.4			40		20			7	0	59	42
RENK	230	2				7	Ac			29	36		26		52	18	0		133
ROSEIRES	230	5	35	02	2	3		11.5		27	36		24		70	21	dr	50	179
EL OBEID	300	1	30	01	1	1	Ac	12.4		29	37		22		33	11	0	10	54
EL FÂSHER											37								24
GENEINA	00	0	30	01	1	4	Ci			28	36		23		33	10	0		54
MALAKÂL											35								268
WAU	230	2	30	01	2	6	Ac	10.8		24	35		23		89	22	7	294	463
JUBA											33								549

HUMIDITY %

Mean of day

Station	on 17th	Diff. from normal
Alexandria	64	-8
Ezbekiya	57	+3
Giza	55	+1
Helwân	53	+12

GIZA GRASS MINIMUM TEMP. ON 18th 13.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
Farouk Airport — On ... At ...					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
Helwan Obs Airport — On 17th At 8h					
1000	170	25		300	11
950					
900					
850	1550	14		320	16
800					
700	3178	8		290	4
600	4438	2		240	16
500	5879	-8		230	25
400					
300	9688	-30		230	71

UPPER WIND OBSERVATIONS on 17th

Station	Malrûh		Port Said		Minya		Sawa		Dakhla		Kharga		El Arish		Asyut		J. Barrem						P. Said		Minya	
Time	14		14		14		14		14		14		14		14		14						20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			330	26	10	17	300	8	350	23	360	19	330	13	330		340	15					320	9	360	
600	330	18	320	19	20	24	310	6	340	17	360	21	320	10	330	22	330	12					340	6	360	
1000	340	15	300	23	360	15	310	5	330	30	360	21	290	13	330	28	340	9					340	7	360	
1500	310	15	260	26	330	8	330	7	330	29			290	14	340	16									350	
2000	320	17	290	16			340	10					270	10	360	18										
3000			300	13									240	11	310	18										
4000			290	15									250	18												
5000													240	23												
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 18th

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyut Manqabad		Luxor		Aswân		Hurghada		Farouk	
Time			4		8		8				8		2		8		8 15		8		8		8	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			310	17	320	14	300	22			290	17	20	29	310	12	320	22	360	18	330	32	300	9
600			310	21	320	19	300	16			330	15	10	31	330	14	320	13	350	17	300	31	310	5
1000			310	16	320	19	300	16			340	18	330	30	330	17	330	8	350	16	330	35	310	9
1500			320	15	310	21	300	27			340	24			350	28	350	13			320	16		
2000							290	21			310	25			340	35	320	21			10	9		
3000							290	35			310	17												
4000											280	24												
5000																								
6000											250	31												
7000											260	45												
8000																								

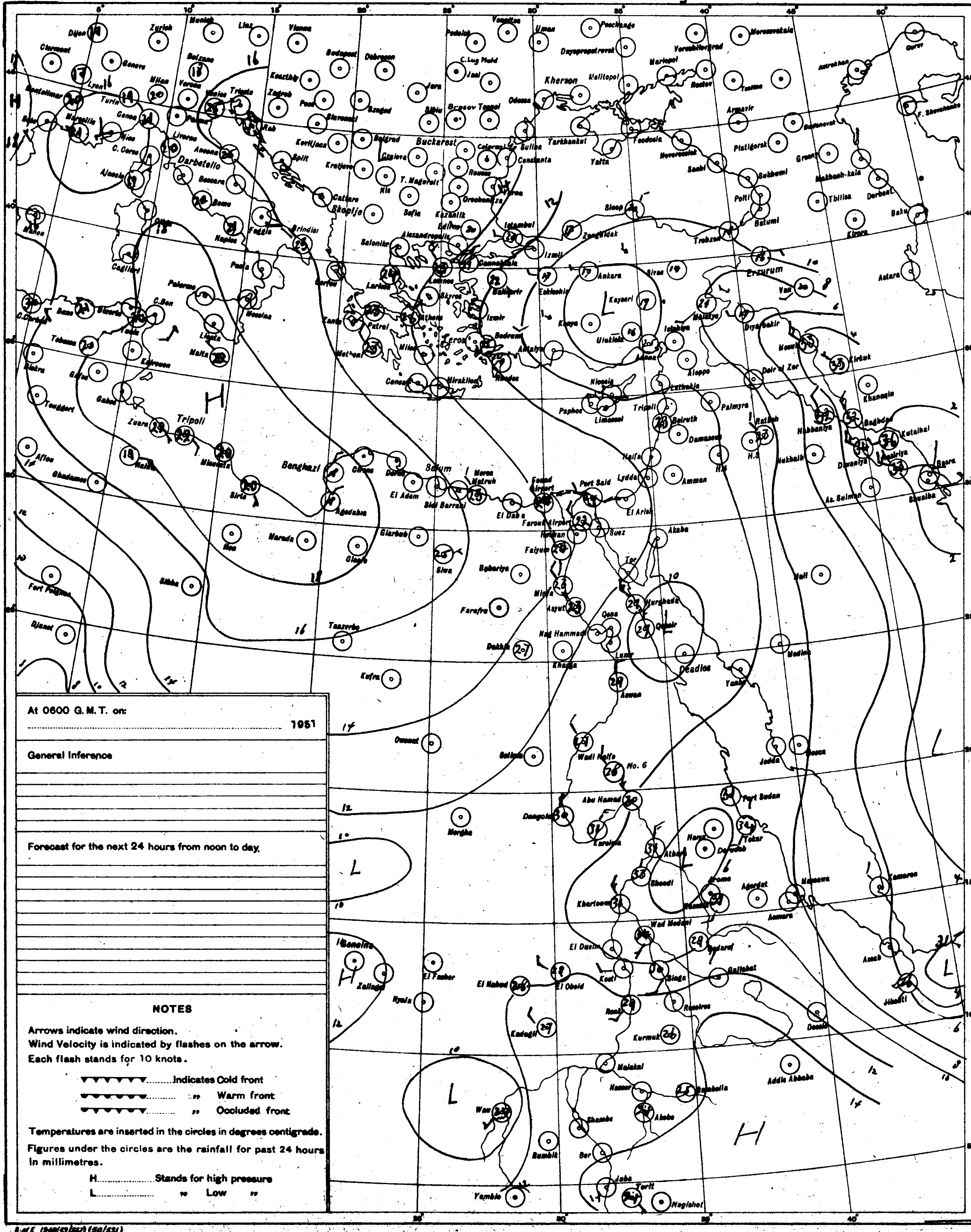
Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time					8		8		3				4						4					
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300					30	17	360	10	30	12														
600					30	17	360	14	30	12			10	27										
1000					20	16	10	16	10	15			350	10					40	7				
1500							10	13	330	15			330	7					30	17				
2000																			30	13				
3000									360	9									340	5				
4000									290	3														
5000									310	9									190	7				
6000									290	7									70	5				
7000																			100	8				
8000									230	13									80	9				

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Form No. 7F. SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 18-6-1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

.... Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless.................. 00
Clouds dissolving.................. 01
State of sky generally unchanged.. 02
Clouds developing.................. 03

Visibility more than 1000 metres:
- Visibility reduced by smoke.......... 04
- Dry haze.......... 05
- Dust in the air.......... 06
- ,, or sand raised by wind.......... 07
- Dust devil.......... 08
- Duststorm or sandstorm within sight or at station during last hour.......... 09
- Mist.......... 10
- Shallow fog.......... 12

Lightning, no thunder heard.......... 13
Precipitation within sight.......... 16
Thunder, no precipitation.......... 17

During past hour and not at time of observation:
- Squalls.......... 18
- Drizzle.......... 20
- Rain.......... 21
- Showers of rain.......... 25
- ,, ,, hail.......... 27
- Fog.......... 28
- Thunderstorm.......... 29

Duststorm or Sandstorm.......... 31
Fog.......... 45
Drizzle.......... 50
Rain.......... 60
Showers of rain.......... 80
,, ,, hail.......... 87
Rain } Thunderstorm during.......... 91
Hail } the past hour.......... 93
Thunderstorm with rain.......... 95
,, ,, hail.......... 96
,, ,, Sandstorm.......... 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds.......... 0
Some clouds.......... 1
Mainly overcast.......... 2
Sandstorm or Duststorm.......... 3
Fog or thick dusthaze (*vis less than 1000 m.*).......... 4
Drizzle.......... 5
Rain.......... 6
Snow or rain and snow.......... 7
Showers of rain.......... 8
Thunderstorm with or without rain.. 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless.......... 0
1/8 of sky coverd or trace of cloud.. 1
2/8 th ,, ,, ,,.......... 2
3/8 ,, ,, ,, ,,.......... 3
4/8 ,, ,, ,, ,,.......... 4
5/8 ,, ,, ,, ,,.......... 5
6/8 ,, ,, ,, ,,.......... 6
7/8 ,, ,, ,, ,,.......... 7
Sky completely covered.......... 8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S. of E. 1948(53)(557)(50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G. M. T.

" " Sunset 16 58 G. M. T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 19th June, 1951

At 1200 on Monday 18th

AREA	INDEX NUMBER	STATION	WIND Direction	WIND Velocity in knots	Visibility in kilometres	Present weather	Past weather	CLOUD Amount 0-8	CLOUD Form	BAR. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.
Mediterranean	62300	SALŪM											
	303	SÎDI BARÂNI											
	306	MATRÛH	330	14	18	00	0	0	—	13.8	25	70	19
	309	EL DABʿA	320	10	35	00	0	0	—	13.2	25	74	20
		ALEXANDRIA	310	22	18	02	2	2	Cu	12.6	25	61	17
	318	FOUAD (Airport)	320	16	18	02	0	1	Sc	12.4	26	55	16
	330	DAMIETTA	320	9	35	01	0	1	Cu	12.2	25	61	17
	333	PORT SAʿÎD	330	17	18	01	0	1	Sc	11.3	25	65	18
	336	EL ʿARISH											
Lower Egypt	339	DAMANHUR											
	342	MANṢURA	360	5	35	02	1	3	Cu	11.6	30	40	15
	348	TANTA											
	354	ZAGAZIG	320	2	35	03	1	3	Ac	10.8	31	38	15
	440	ISMAʿILÎA											
Cairo Area	366	FAROUK (Airport)	340	17	30	01	1	2	Cu	11.9	30	33	12
	372	ALMÂZA	340	12	15	00	0	0	—	11.2	30	31	11
		EZBEKÎYA	310	18	18	00	0	0	—	12.0	30	35	13
		GÎZA	310	18	18	00	0	0	—	11.4	30	31	11
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	6	35	02	0	0	—	11.2	31	31	12
	387	MINYA	340	13	10	00	0	0	—	12.0	32	29	12
	393	ASYÛT MANQABÂD	350	12	30	00	0	0	—	10.6	32	29	12
	399	NAGʿ HAMMÂDI	270	5	35	00	0	0	—	9.9	32	28	11
	402	QENA	290	3	50	00	0	0	—	8.0	37	14	6
	405	LUXOR	320	8	30	00	0	0	—	7.7	35	8	-4
	414	ASWÂN	320	9	50	01	1	2	Ci	8.4	35	12	1
Oases	417	SÎWA											
	420	BAHARÎYA	320	2	35	02	0	0	—	12.2	31	31	12
	423	FARAFRA											
	432	DAKHLA	20	5	50	00	0	0	—	11.0	31	22	7
	435	KHARGA	360	5	15	00	0	0	—	12.0	33	21	8
Red Sea	450	SUEZ											
	459	TÔR	310	13	50	02	0	0	—	5.8	28	40	13
	462	HURGHADA	20	20	30	03	0	1	Cs	6.6	28	58	19
	465	QUSEIR											
	641	PORT SÛDÂN	60	13	30	02	2	8	Cs	5.8	33	59	24
North Sûdân	600	WÂDI HALFA	360	20	30	03	0	3	Cs	8.7	36	12	2
	640	ABU HAMAD	270	5	30	03	1	5	Cs		38	8	-2
	660	KAREIMA	290	5	30	03	1	4	Ci	5.6	38	7	-4
	680	ʿATBARA	290	8	30	02	2	8	Cs	4.7	39	8	-2
	721	KHARTÛM											
	730	KASSALA	270	3	30	03	1	4	Cu, Cs	3.4	39	16	9
Central Sûdân	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	330	3	30	03	1	2	Ci	6.5	37	14	6
	760	EL FÂSHER											
	770	GENEINA	290	5	30	03	1	4	Sc		35	18	7
S. Sûdân	840	MALAKÂL											
	880	WÂU	270	3	30	03	2	7	Cu, Ac	7.7	33	53	22
	941	JUBA	20	5	20	03	1	2	Cb	7.0	34	41	19

At 1800 on Monday 18th

STATION	WIND Direction	WIND Velocity in knots	Visibility in kilometres	Present weather	Past weather	CLOUD Amount 0-8	CLOUD Form	BAR. pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms
SALŪM	320	9	15	00	0	0	—	13.1	23	65	16	0
SÎDI BARÂNI	310	7	15	00	0	0	—	12.7	22	78	18	0
MATRÛH	310	10	12	03	0	2	Sc, Cu	12.5	22	89	20	0
EL DABʿA												
ALEXANDRIA	310	13	35	00	0	0	—	11.9	22	65	15	0
FOUAD (Airport)	330	10	15	02	0	1	Sc	11.7	22	69	16	0
DAMIETTA												
PORT SAʿÎD	310	16	14	02	0	0	—	10.7	23	84	20	0
EL ʿARISH	340	6	18	03	1	4	Cu	9.9	23	74	18	0
DAMANHUR	360	5	15	02	0	0	—	12.1	23	65	16	0
MANṢURA												
TANTA	00	0	35	01	1	2	Cu	11.5	23	74	18	0
ZAGAZIG												
ISMAʿILÎA												
FAROUK (Airport)	320	9	12	00	1	0	—	11.4	26	42	12	0
ALMÂZA	340	8	12	02	0	0	—	10.7	26	37	10	0
EZBEKÎYA	00	0	12	00	0	0	—	11.1	25	47	13	0
GÎZA	00	0	12	00	0	0	—	11.9	25	42	11	0
HELWÂN	320	5	15	02	0	0	—	10.8	26	37	10	0
FAIYÛM												
MINYA												
ASYÛT MANQABÂD												
NAGʿ HAMMÂDI	290	3	15	00	0	0	—	8.8	27	37	11	0
QENA	290	3	7	00	0	0	—	7.8	31	28	10	0
LUXOR												
ASWÂN	360	3	50	00	0	0	—	8.1	32	15	2	0
SÎWA	270	5	11	00	0	0	—	13.0	29	31	10	0
BAHARÎYA	320	1	15	02	0	0	—	11.8	28	16	0	0
FARAFRA												
DAKHLA	320	8	50	00	0	0	—	13.0	28	27	7	0
KHARGA	360	2	15	00	0	0	—	12.4	29	23	6	0
SUEZ	360	4	35	01	0	0	—	9.8	25	61	17	0
TÔR	340	13		02	0	0	—	6.7	28	62	20	0
HURGHADA	350	20	30	02	1	1	Ci	5.9	28	58	19	0
QUSEIR	20	9	15	02	0	0	—	5.2	27	70	21	0
PORT SÛDÂN	360	6	30	02	2	0	—	6.3	29	70	23	0
WÂDI HALFA	340	12	30	01	0	1	Cs	8.5	31	21	6	0
ABU HAMAD	300	4	30	02	1	5	Cs		33	7	-7	0
KAREIMA	340	6	30	02	1	3	Cs	7.0	32	9	-5	0
ʿATBARA	310	5	30	02	2	7	Cs	4.9	34	11	-1	0
KHARTÛM	340	3	30	01	1	5	Ci	5.7	33	15	3	0
KASSALA	290	1	30	01	1	0	—	5.7	28	27	7	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	03	1	4	Ci	6.5	31	29	11	0
EL FÂSHER	80	3	30	03	1	4	Ac, Ci		32	21	7	0
GENEINA	220	2	30	02	1	3	Ac		31	38	15	0
MALAKÂL	230	3	30	03	2	7	Ac	9.1	27	66	20	0
WÂU	00	0	30	01	9	6	Ac	9.9	24	50	13	1
JUBA	00	0	30	01	1	1	Ci	8.2	28	66	21	0

At 0600 on Tuesday 19th June,

STATION	WIND Direction	WIND Velocity in knots	Visibility in kilometres	Present weather	Past weather	CLOUD Amount 0-8	CLOUD Form	BAR. PRESSURE M.S.L. mbs.	Diff. from normal mbs.	Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	Humidity %	Dew point °C.	RAINFALL mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM											28	-2							
SÎDI BARÂNI	310	17	14	01	1	4	Cu, Sc	10.6		24	26		21		74	19	0	108	
MATRÛH	310	14	30	02	2	2	Sc	9.9	-2.6	24	26		19		69	18	0	51	
EL DABʿA																			
ALEXANDRIA	310	16	50	01	1	2	Ac	9.5	-2.8	23	26	-2	21	0	74	18	0	63	186
FOUAD (Airport)	300	9	18	01	0	0	—	9.5		25	26		21		70	19	0	63	138
DAMIETTA	290	2	7	03	0	1	Cu	9.6	-1.4	24			19	-1	69	18	0	Rain	106
PORT SAʿÎD	260	8	14	01	0	1	Sc	8.9	-2.1	24	27		20		79	20	0	18	
EL ʿARISH	270	5	14	03	1	3	Cu	8.4	-2.6	24	28	-1	19	+1	69	18	0	Rain	94
DAMANHÛR	360	5	15	02	0	0	—	10.7	-0.7	24	28	-4	18	-1	74	19	0	35	101
MANṢÛRA	270	5	35	00	0	0	—	9.5	-1.9	25			17	-2	61	17	0	31	55
TANṬA	00	0	35	01	1	2	Cu	9.9	-1.7	24	30	-5			69	18	0	23	44
ZAGAZIG	320	1	35	02	0	0	—	9.5	-2.0	25			17	-1	74	20	0	Rain	27
ISMAÎLÎA																			
FAROUK (Airport)	270	5	14	02	1	5	Sc	10.9		23	31		15		74	18	0	Rain	
ALMÂZA	350	3	12	01	1	5	Sc	10.3	-1.2	23	30		19		74	18	0	12	
EZBEKÎYA	00	0	12	02	1	6	Cu, Ac	10.4	-1.1	24	31	-4	20	0	65	17	0	11	26
GÎZA	00	0	12	02	1	6	Cu, Ac	9.9	-1.6	24	31	-4	16	-2	69	18	0	11	27
HELWÂN	00	0	15	01	1	4	Cu	10.3	-1.0	22	30	-5	18		74	17	0	12	29
FAIYÛM	360	4	35	03	0	0	—	11.6	+0.5	24			19	-1	61	16	0	8	8
MINYA	340	9	8	00	0	0	—	10.9	+0.5	22			16		83	19	0	3	
ASYÛT MANQABÂD																			
NAGʿ HAMMÂDI	00	0	15	00	0	0	—	9.8	+1.1	25	33	-5	18	-2	54	15	0	0.1	
QENA	290	3	15	00	0	0	—	8.4	+0.1	30	39	-2	22	-1	31	11	0	2	
LUXOR																			
ASWÂN	360	9	50	00	0	0	—	9.5	+1.1	28	36	-6	23	-3	33	10	0	0	
SÎWA	340	5	14	00	0	0	—	12.8	-0.6	24	34	-4	18	-1	47	12	0	1	6
BAHARÎYA	360	3	35	02	0	0	—	12.0	0.0	25	32	-4	17	-2	51	14	0	dr.	7
FARAFRA																			
DAKHLA	00	0	50	00	0	0	—	13.1	+2.3	27	33	-7	18	-5	37	11	0	0	
KHARGA	40	1	15	00	0	0	—	11.6	+2.4	27	33	-6	21	-2	42	13	0	0	
SUEZ	360	4	50	00	0	2	Cu	9.0	-1.5	24	33	-2	19	-2	54	14	0	5	17
ṬÔR	310	6	7	02	0	0	—	6.7	-1.4	26	28	-5	24	+1	51	15	0	4	13
HURGHADA	150	18	30	00	0	0	—	6.3	-2.0	25	28		23		70	19	0	8	
QUSEIR	360	13	15	02	0	0	—	6.9	-1.1	28	30	-3	25	-1	58	19	0	dr.	4
PORT SÛDÂN								5.3		33	34		28		63	25	0		97
WÂDI HALFA	360	2	30	01	0	1	Cs	10.1		25	38		20		28	5	0	dr.	
ABU HAMAD	360	7	30	03	0	1	Ci			29	39		22		17	1	0		
KAREIMA	10	12	30	01	1	1	Ci	9.0		30	38		24		18	3	0	dr.	2
ʿATBARA											40								8
KHARTÛM	360	12	30	03	2	8	Cs	7.9		30	40		26		16	1	0	7	12
KASSALA	200	6	30	01	2	2	Cs	6.2		32	41				41	17	0	16	38
WÂD MEDANI																			44
RENK																			136
ROSEIRES																			184
EL OBEID	00	0	30	03	1	4	Ci	9.0		29	38		21		25	7	0	10	56
EL FÂSHER	200	6	30	01	1	2	Ac, Ci			27	38		19		45	14	0	9	24
GENEINA	00	0	30	03	1	3	Ci			25	38		20		54	15	0		56
MALAKÂL	200	1	30	02	2	7	Ac	9.9		25	35		24		84	22	0	188	273
WÂU	230	1	30	02	2	7	Ac	9.3		24	34				89	22	1?	295	467
JUBA	180	9	30	02	1	4	Ac	10.8		27	34		21		70	21	0	410	554

HUMIDITY % Mean of day

STATION	on 18th	Diff. from normal
Alexandria	66	-6
Ezbekiya	52	-2
Giza	51	-3
Helwân	51	+9

GÎZA GRASS MINIMUM TEMP. ON 19th 13.0°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On At

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helwan Obs — On At

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000	120	26	42	290	17
950					
900					
850	1520	15	42	340	27
800					
700	3203	10	44	310	17
600	4472	3	35	270	22
500	5926	-6		250	31
400					
300	9781	-26		240	75

UPPER WIND OBSERVATIONS on 18th

STATION	El Arish		Matruh		Port Said		Asyut		S. Barani												Fouad AP		Port Said	
TIME	14		14		14		14		14												20		20	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300	310	11	310	13	320	20	340	22	320	16											320	11	300	9
600	310	12	310	17	290	23	340	28	300	12											350	16	320	4
1000	310	13	310	24	290	16	340		310	16											340	17	320	5
1500	300	11	310	20	310	15	340	29	330	17											320	9	350	4
2000	300	15			310	3	340	22	330	17											320	17		
3000	270	27					340	20	330	14														
4000	70	34					300	7																
5000	250	27					290	10																
6000																								
7000																								
8000																								

UPPER WIND OBSERVATIONS on 19th

STATION	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʿÎD		EL ʿARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
TIME					2		2				7 45													
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300					310	15	280	12			250	12												
600					320	17	310	17			310	7												
1000					330	18	320	15			320	9												
1500											290	12												
2000											330	12												
3000											320	18												
4000											260	10												
5000											260	20												
6000											230	20												
7000											260	27												
8000																								

STATION	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
TIME															4						4		3	
HEIGHT m.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.	DIR.	VEL.
300																								
600															350	22							250	7
1000															360	29					90	11	210	11
1500															340	17					70	23	240	6
2000															330	10								
3000																					80	7	20	16
4000															220	32							90	7
5000																					180	4		
6000																								
7000																								
8000																								

Remarks:
1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

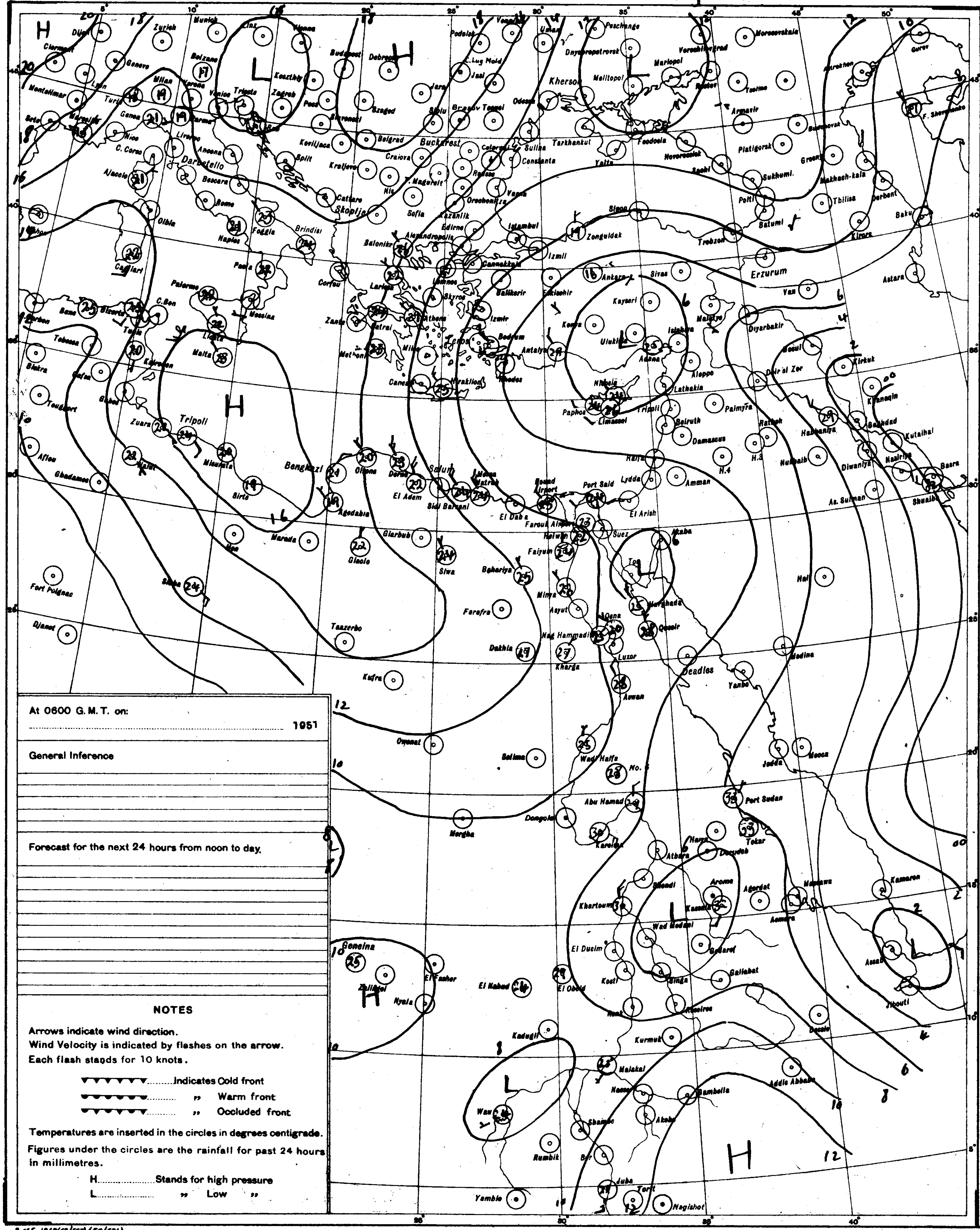
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 19-6-1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
●●●●●●● .... ,, Warm front
▼●▼●▼●▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H .... Stands for high pressure
L .... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

- Cloudless 00
- Clouds dissolving 01
- State of sky generally unchanged 02
- Clouds developing 03
- Visibility more than 1000 metres:
  - Visibility reduced by smoke 04
  - Dry haze 05
  - Dust in the air 06
  - ,, or sand raised by wind 07
  - Dust devil 08
  - Duststorm or sandstorm within sight or at station during last hour 09
  - Mist 10
  - Shallow fog 12
- Lightning, no thunder heard 13
- Precipitation within sight 16
- Thunder, no precipitation 17
- During past hour and not at time of observation:
  - Squalls 18
  - Drizzle 20
  - Rain 21
  - Showers of rain 25
  - ,, ,, hail 27
  - Fog 28
  - Thunderstorm 29
- Duststorm or Sandstorm 31
- Fog 45
- Drizzle 50
- Rain 60
- Showers of rain 80
- ,, ,, hail 87
- Rain / Hail } Thunderstorm during the past hour .... 91 / 93
- Thunderstorm with rain 95
- ,, ,, hail 96
- ,, ,, Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

- Clear or few clouds 0
- Some clouds 1
- Mainly overcast 2
- Sandstorm or Duststorm 3
- Fog or thick dusthaze *(vis less than 1000 m.)* 4
- Drizzle 5
- Rain 6
- Snow or rain and snow 7
- Showers of rain 8
- Thunderstorm with or without rain 9

FORM OF CLOUD

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

AMOUNT OF CLOUD

- Cloudless 0
- 1/8 of sky coverd or trace of cloud 1
- 2/8 th ,, ,, ,, ... 2
- 3/8 ,, ,, ,, ,, ... 3
- 4/8 ,, ,, ,, ,, ... 4
- 5/8 ,, ,, ,, ,, ... 5
- 6/8 ,, ,, ,, ,, ... 6
- 7/8 ,, ,, ,, ,, ... 7
- Sky completely covered 8
- ,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness 9

S of E 1949(53/557) (50/531)

SCALE 1:15,000,000

CAIRO — MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT — Form 7F.

Time of Sunrise 12 54 G.M.T.
" " Sunset 16 59 G.M.T.

DAILY WEATHER REPORT

Date: Wednesday 20th June, 1951

At 1200 on Tuesday 19th

Area	Index Number	Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	13	35	03	1	3	Cu	10.0	27	62	19
	303	SÎDI BARÂNI	320	17	15	00	0	0		10.6	25	74	20
	306	MATRÛH	340	16	18	01	1	1	Cu	9.8	26	62	18
	309	EL DABA											
		ALEXANDRIA	240	15	50	00	0	0	—	8.3	25	70	19
	318	FOUAD (Airport)	300	16	30	01	0	0	—	8.4	24	72	19
	330	DAMIETTA	340	5	35	01	0	0	—	8.4	27	55	17
	333	PORT SA'ÎD	360	10	30	02	0	1	Sc	8.4	27	58	18
	336	EL 'ARISH	340	5	30	01	1	0	—	9.1	26	62	18
Lower Egypt	339	DAMANHUR	230	5	15	02	1	1	Cu	9.6	30	46	17
	342	MANSURA	320	3	35	02	1	3	Cu	9.2	31	38	15
	348	TANTA	20	0	35	03	2	6	Cu	9.1	31	43	17
	354	ZAGAZIG	320	1	50	03	1	3	Cu	9.1	31	43	17
	440	ISMA'ÎLIA	210	2	35	03	1	5	Cu	8.9	31	31	12
Cairo Area	366	FAROUK (Airport)	290	10	30	01	1	2	Cu	9.3	29	35	12
	372	ALMÂZA	320	5	18	01	1	1	Cu	8.8	29	40	14
		EZBEKÎYA	00	0	18	00	0	0	—	8.7	31	41	16
		GÎZA	00	0	18	00	0	0	—	9.0	31	38	15
	378	HELWÂN	290	4	35	01	0	1	Cu	8.0	29	35	12
Upper Egypt	381	FAIYÛM	360	2	35	01	0	0	—	9.0	31	31	12
	387	MINYA	330	10	10	00	0	0	—	8.5	32	34	14
	393	ASYÛT MANQABÂD	320	12	30	00	0	0	—	8.4	31	38	15
	399	NAG' HAMMÂDI	290	3	35	00	0	0	—	8.2	31	31	12
	402	QENA	340	3		00	0	0	—	6.8	36	17	7
	405	LUXOR	320	10	30	00	0	0	—	6.8	34	14	3
	414	ASWÂN	340	4	50	00	0	0	—	6.7	34	22	9
Oases	417	SÎWA	320	14	14	00	0	2	Cu	11.8	32	26	10
	420	BAHARÎYA	320	3	35	02	0	0	—	8.8	32	34	14
	423	FARAFRA											
	432	DAKHLA	340	11				0	—	9.0	34	22	9
	435	KHARGA	310	8	15	00	0	0	—	9.0	34	22	9
Red Sea	450	SUEZ	360	5	50	01	0	1	Cu	6.7	30	31	11
	459	TÔR	310	19	50	02	0	0	—	5.6	28	45	15
	462	HURGHADA											
	465	QUSEIR	20	9	15	02	0	0	—	6.4?	29	66	22
	641	PORT SÛDÂN	60	12	30	01	1	0	—	4.5	32	56	22
North Sûdân	600	WÂDI HALFA											
	640	ABU HAMAD	280	3	30	02	0	0	—		37	7	-5
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM	320	5	30	01	2	4	Cs	4.3	38	10	1
	730	KASSALA	300	2	35	02	0	0	—	1.3	38	11	3
Central Sûdân	751	WÂD MEDANI	130	9	35	02	1	3	Ci	2.8	40	6	-5
	801	RENK	230	2	35	02	1	5	Cu	4.7	39	13	6
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sûdân	840	MALAKÂL	270	2	30	03	2	6	Cu, ac	6.5	34	39	18
	880	WÂU	270	5	30	03	1	4	Cb, ac	6.1	34	47	21
	941	JUBA	180	5	30	03	1	7	Cu, ac	7.2	32	41	18

At 1800 on Tuesday 19th

Station	Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	13	15	00	0	0	—	9.8	24	69	18	0
SÎDI BARÂNI	320	17	14	00	0	0	—	8.9	23	84	20	0
MATRÛH	310	10	18	00	0	0	—	9.1	23	84	20	0
EL DABA												
ALEXANDRIA	270	16	35	03	1	6	Cu	8.0	23	84	20	0
FOUAD (Airport)	310	12	18	02	0	2	Cu	7.4	23	78	19	0
DAMIETTA	320	5	7	02	0	0	—	8.3	23	84	20	0
PORT SA'ÎD	300	4	14	02	0	0	—	7.6	24	69	18	0
EL 'ARISH	360	3	18	00	0	0	—	7.4	23	74	18	0
DAMANHUR	270	9	15	02	0	0	—	8.3	23	74	18	0
MANSURA	360	3		02	1	3	Cu	8.3	26	70	20	0
TANTA	00	0	15	01	1	4	Cu	8.2	24	69	18	0
ZAGAZIG	40	4	35	03	1	3	As	7.4	27	62	19	0
ISMA'ÎLIA	40	5	35	01	0	0	—	7.4	26	48	14	0
FAROUK (Airport)	360	5	12	01	1	1	Cu	7.9	29	40	14	0
ALMÂZA	350	3	12	01	1	1	Cu	7.5	29	40	14	0
EZBEKÎYA	350	8	12	02	1	3	Cu	7.5	27	55	17	0
GÎZA	350	8	12	02	1	3	Cu	8.2	28	45	15	0
HELWÂN	00	0	15	01	1	1	Cu	7.1	28	40	13	0
FAIYÛM	00	0	35	03	1	3	Cu, Sc	7.8	28	45	15	0
MINYA	00	0	8	03	1	4	Sc	7.0	27	52	16	0
ASYÛT MANQABÂD	300	3	10	00	0	0	—	7.6	28	40	13	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	7.4	26	42	12	0
QENA	340	3	7	00	0	0	—	7.2	31	26	9	0
LUXOR												
ASWÂN	360	3	50	00	0	0	—	7.5	32	24	9	0
SÎWA	350	7	11	02	1	0	—	9.9	31	31	12	0
BAHARÎYA	320	2	15	02	0	0	—	9.1	28	45	15	0
FARAFRA												
DAKHLA	230	11	50	00	0	0	—	9.9	30	21	5	0
KHARGA	00	0	15	00	0	0	—	9.8	30	25	8	0
SUEZ	360	4	35	01	0	0	—	6.4	27	37	11	0
TÔR	310	2		02	0	0	—	6.4	28	33	10	0
HURGHADA	320	12	30	00	0	0	—		27	55	17	0
QUSEIR	360	5	15	02	0	0	—	6.3?	26	70	20	0
PORT SÛDÂN	360	10	30	02	2	0	—	6.3	29	70	23	0
WÂDI HALFA	320	13	30	02	1	0	—	7.3	31	13	0	0
ABU HAMAD	270	6	30	02	0	0	—		31	11	-3	0
KAREIMA	310	8	30	02	0	0	—	6.9	30	13	-1	0
'ATBARA	340	4	30	02	1	1	Cs	4.4	32	14	1	0
KHARTÛM	360	3	30	02	0	2	Ci	4.8	33	14	2	0
KASSALA	290	2	30	02	0	0	—	3.9	29	20	4	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	0	—			24	11	0
EL FÂSHER	70	6	30	01	1	3	Cs		31	22	7	0
GENEINA	00	0	30	01	0	1	Ci		32	24	9	0
MALAKÂL	180	2	30	03	2	7	ac	6.9	31	49	19	0
WÂU	270	2	30	02	8	8	ac, cs	8.8	25	74	21	2
JUBA												

At 0600 on Wednesday 20th June,

Station	Wind Direction	Wind Velocity in knots	Visibility kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	13	15	00	0	0	—	9.1	-3.1	26	28	-2	20	0	62	18	0	91	
SÎDI BARÂNI	360	13	12	07	1	7	Sc	8.4		24	25		23		74	19	0	108	
MATRÛH	310	12	18	00	0	0	—	8.5	-3.9	25	27		20		74	20	0	51	
EL DABA																			
ALEXANDRIA	270	15	50	02	2	4	Cb	7.8	-4.4	24	26	-2	22	+1	74	19	0	63	186
FOUAD (Airport)	280	10	18	02	1	3	Sc	7.4		25	27		21		74	20	0	63	138
DAMIETTA	200	2	7	03	1	6	Cu	8.2	-2.7	25	27	-2	20	0	70	19	0	Rain	106
PORT SA'ÎD	250	7	14	02	0	1	Sc	7.7	-3.2	25	27		22		65	18	0	18	
EL 'ARISH	230	4	30	00	0	0	—	7.0	-3.9	27	27	-2	18	0	58	18	0	Rain	94
DAMANHUR	40	5	7	02	1	3	Cu	8.6	-2.6	26	31	-1	18	-1	74	21	0	35	101
MANSURA	320	3	35	03	2	5	Cu	8.2	-3.1	25	33	-1	20	+1	84	22	0	31	55
TANTA	270	2	35	01	1	4	Cu	8.8	-2.6	25	32	-3	19	+1	70	19	0	23	44
ZAGAZIG	320	1	35	03	1	3	Cu			26	33	-1	19	+1	70	20	0	Rain	27
ISMA'ÎLIA	00	0	35	01	0	0	—	7.9		25	32		21		70	19	0	17	
FAROUK (Airport)	250	5	12	00	0	0	—	8.9		25	32		20		70	19	0	Rain	
ALMÂZA	340	3	12	02	0	1	Sc	8.0	-3.4	24	31		20		69	18	0	12	
EZBEKÎYA	00	0	12	00	0	0	—	8.3	-3.1	25	31	-4	21	+1	70	19	0	11	26
GÎZA	00	0	12	00	0	0	—	8.2	-3.2	25	33	-2	19	+1	70	19	0	11	27
HELWÂN	00	0	7	00	0	0	—	8.7	-2.5	23	31	-4	20	0	74	18	0	12	29
FAIYÛM	360	4	35	02	0	0	—	8.5	-2.5	25	32	-4	21	+1	61	17	0	8	8
MINYA	340	6	8	00	0	0	—	8.7	-1.6	24	33		18		79	20	0	3	
ASYÛT MANQABÂD	320	3	12	00	0	0	—	8.6	-1.5	27	32		22		48	15	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	8.6	-0.1	27	32	-6	18	-2	40	12	0	0.1	
QENA	270	10	15	00	0	0	—	8.3	+0.1	27	37	-4	20	-3	42	13	0	2	
LUXOR	260	3	30	00	0	0	—	7.5	-0.9	28			19		35	11	0	0	
ASWÂN	00	0	50	00	0	0	—	8.6	+0.2	29	36	-6	22	-4	40	14	0	0	
SÎWA	340	4	14	00	0	0	—	11.1	-2.2	24	34	-4	20	0	65	17	0	1	8
BAHARÎYA	360	2	35	02	0	0	—	9.8	-2.1	26	33	-3	19	0	55	16	0	dr.	7
FARAFRA																			
DAKHLA	340	8	50	00	0	0	—	9.9	-0.8	28	34	-6	18	-5	33	10	0	0	
KHARGA	00	0	15	00	0	0	—	9.1	0.0	26	34	-5	19	-4	37	10	0	0	
SUEZ	360	3	50	00	0	0	—	7.2	3.2	25	32	-3	20	-1	61	17	0	5	17
TÔR	310	9		02	0	0	—	6.4	-1.6	26	32	-1	24	+1	70	20	0	4	13
HURGHADA	320	8	30	00	0	0	—	6.4	-1.9	27	28		22		66	20	0	8	
QUSEIR	360	9	15	02	0	0	—	6.8	-1.1	30	30	-3	23	-3	66	23	0	dr.	4
PORT SÛDÂN	10	3	30	02	1	0	—	5.0		33	34		23		59	24	0	153	97
WÂDI HALFA											37								
ABU HAMAD	360	10	30	03	0	2	Ci			30	38		23		16	1	0		
KAREIMA	00	0	30	03	1	4	Ci	7.9		31	37		22		18	4	0	dr.	2
'ATBARA	10	16	10	07	2	4	Cs	6.6		31	39		22		13	0	0	25	8
KHARTÛM	20	3	30	02	0	1	Cs	7.7		28	39		22		25	6	0	8	13
KASSALA	240	3	30	01	1	1	Ci	7.0		29	41		19		14	-1	0	16	39
WÂD MEDANI																			45
RENK																			138
ROSEIRES																			184
EL OBEID	50	7	30	02	0	0	—	7.9		28	38		22		29	8	0	71	57
EL FÂSHER	70	4	30	03	2	7	Ci			28	38		21		29	8	0	20	25
GENEINA	340	1	30	03	1	5	Cs			24	37		19		22	1	0		58
MALAKÂL	230	1	30	03	1	3	ac	9.0		26	35		23		74	21	0	186	278
WÂU											35								475
JUBA	180	5	30	03	2	7	Cu, Ac, c	10.1		27	35		22		66	20	0	423	557

HUMIDITY % Mean of day

Station	on 19th	Diff. from normal
Alexandria	76	+4
Ezbekiya	59	+4
Gîza	53	-1
Helwân	53	+11

GÎZA GRASS MINIMUM TEMP. ON 20th 16.2°C.

Remarks

Total rainfall for Sudan stations was corrected today according to a letter recieved from Sudan meteorologist.

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

Helw-m Obs AIRPORT — On 19th At 8½

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	141	26	62	250	12
950					
900					
850	1550	14	55	290	12
800					
700	3171	9	25	320	18
600	4431	2	25	260	16
500	5874	-8		230	20
400					
300					

UPPER WIND OBSERVATIONS on 19th

Station	Matruh Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Siwa Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	El Arish Dir.	Vel.	S. Barrani Dir.	Vel.					Minya Dir.	Vel.	Port Said Dir.	Vel.
Time	14		14		14		14		14		14		14		14		14						20		20	
Height m.																										
300	310	16	350	12	340	5	320	19	310	36	320	19	340	16	340	12	320	17					300	7	10	7
600	300	17	340	10	330	8	320	17	270	24	320	23	340	24	330	12	340	22					300	10	20	8
1000	310	20	340	14	330	10	340	12	320	19	330	25	340	30	320	16	330	17					300	9	20	5
1500	310	18	270	20	320	11	330	17	330	19	320	21			270	17	330	12					310	12	30	6
2000			270	18			330	22	310	23					270	21									60	5
3000			280	21			320	19							240	21									70	5
4000			280	18											240	21										
5000															230	19										
6000															290	24										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 20th

Station	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Sa'îd Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Farafra Dir.	Vel.
Time	8		5		8		2				7 45		2		8		8		8		8		10	
Height m.																								
300	310	18	340	20	290	15	230	9			270	10	360	16	320	10	360	13	360	9	340	17	280	14
600	310	12	330	14	280	16	260	9			330	8	340	10	310	13	360	7	340	13	350	20	280	12
1000	330	31	280	12			270	9			330	7	330	8	310	14	320	10	340	16	340	28	280	12
1500			290	25			220	14			290	12	300	4	300	16	320	9	340	9	320	20	290	13
2000							290	16			290	19			300	22	310	13			310	19	290	8
3000											300	9			310	10							240	10
4000											250	9			290	14							270	20
5000																								
6000											250	16												
7000											250	45												
8000																								

Station	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	8		8		8		8																5	
Height m.																								
300	260	4	290	12	300	17	340	3																
600	290	4	290	16	300	14	330	14			10	26											220	11
1000	280	5	300	21	290	14	320	16			360	16											190	11
1500			320	10	310	19	330	16			320	3											220	7
2000							330	16															250	9
3000											270	3											20	14
4000																								
5000																							270	5
6000																							80	3
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

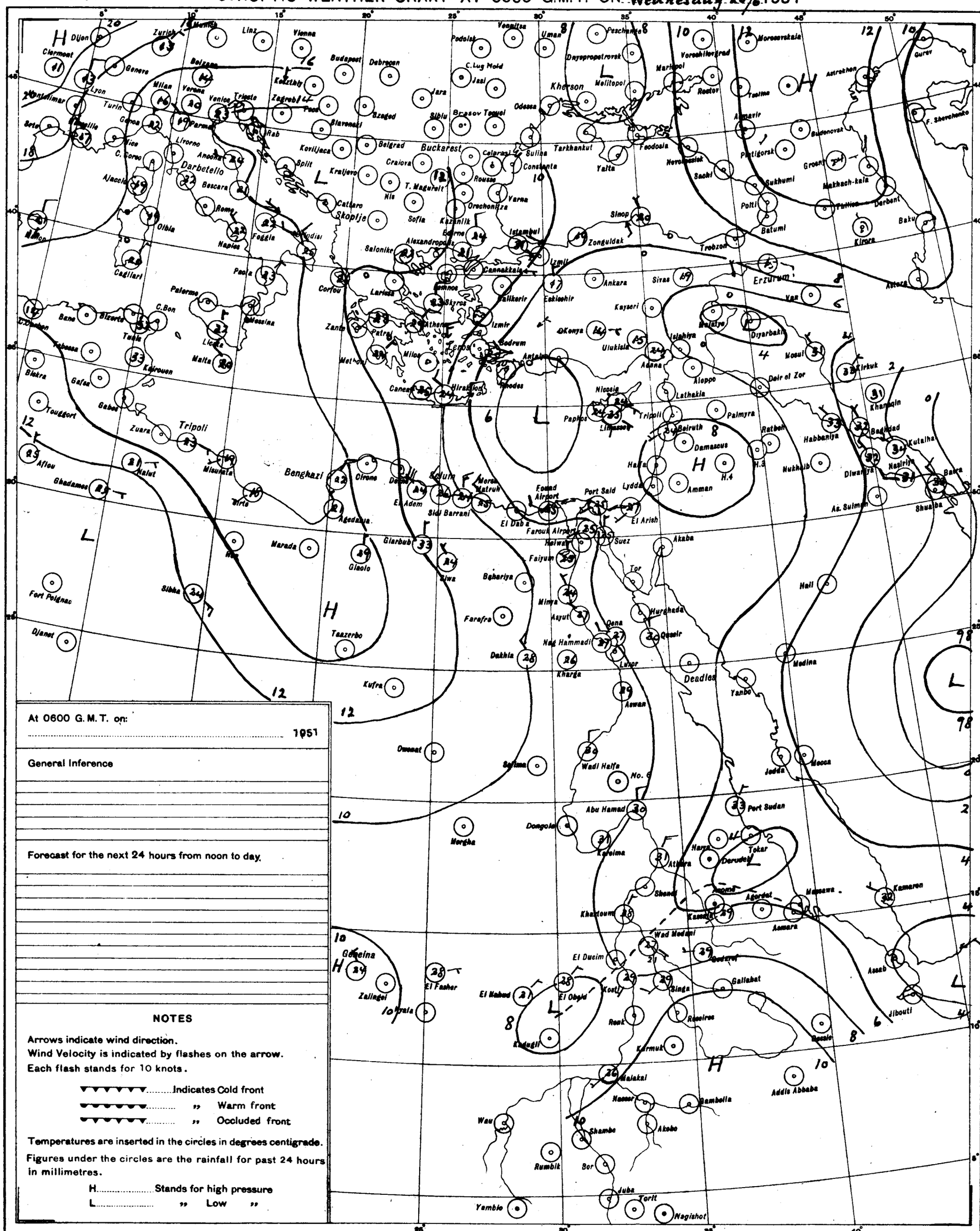
Printed by the Survey of Egypt 1949 (49/537).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 20/6/1951



At 0600 G.M.T. on:

..... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼.....Indicates Cold front
▼▼▼▼▼▼..... ,, Warm front
▼▼▼▼▼▼..... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....Stands for high pressure
L..... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	○
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Visibility more than 1000 metres: Dry haze	05	
Visibility more than 1000 metres: Dust in the air	06	
Visibility more than 1000 metres: ,, or sand raised by wind	07	
Visibility more than 1000 metres: Dust devil	08	
Visibility more than 1000 metres: Duststorm or sandstorm within sight or at station during last hour	09	
Visibility more than 1000 metres: Mist	10	
Visibility more than 1000 metres: Shallow fog	12	
Lightning, no thunder heard	13	
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
During past hour and not at time of observation: Drizzle	20	
During past hour and not at time of observation: Rain	21	
During past hour and not at time of observation: Showers of rain	25	
During past hour and not at time of observation: ,, ,, hail	27	
During past hour and not at time of observation: Fog	28	
During past hour and not at time of observation: Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain / Hail: Thunderstorm during the past hour	91	
Rain / Hail: Thunderstorm during the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze *(vis less than 1000 m.)*	4	
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,,	3
4/8 ,, ,, ,,	4
5/8 ,, ,, ,,	5
6/8 ,, ,, ,,	6
7/8 ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Thursday 21st June, 1951

At 1200 on Wednesday 20th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALÛM	340	13	35	00	0	1	Cu				13
	303	SÎDI BARÂNI	320	18	13	02	1	1	Sc	9.3	26	70	20
	306	MATRÛH	320	17	18	00	0	0	—	8.9	26	70	20
	309	EL DABA	320	8	35	00	0	0	—		26	70	20
		ALEXANDRIA	270	17	50	02	2	4	Cu	8.0	26	70	20
	318	FOUAD (Airport)	300	15	18	02	1	2	Sc	8.2	27	66	20
	330	DAMIETTA	340	2	35	01	0	1	Cu	7.8	28	58	19
	333	PORT SA'ÎD	360	10	30	01	0	1	Sc	7.4	28	66	21
	336	EL 'ARISH	350	8	30	00	0	0	—		27	62	19
Lower Egypt	339	DAMANHUR	310	5	15	02	1	2	Cu	8.5	29	59	20
	342	MANSURA	270	5	35	02	1	3	Cu	8.6	32	38	16
	348	TANTA	270	5	35	01	1	4	Cu	8.0	31	43	17
	354	ZAGAZIG	220	1	50	02	1	0	—	7.0	32	43	18
	440	ISMA'ILIA	320	2	35	03	1	4	Cu	7.1	32	38	16
Cairo Area	366	FAROUK (Airport)	270	12	30	02	0	1	Cu	8.0	32	34	14
	372	ALMAZA	360	5	18	00	0	0	—	7.2	31	38	15
		EZBEKIYA	310	4	18	02	1	3	Cu	7.4	32	34	14
		GÎZA	310	4	18	02	1	3	Cu	7.6	33	34	15
	378	HELWÂN	290	5	50	03	0	1	Cu	7.0	31	31	12
Upper Egypt	381	FAIYÛM	360	6	35	03	1	2	Cu,Sc	8.4	33	30	13
	387	MINYA	320	5	10	00	0	0	—	7.8	32	38	16
	393	ASYÛT MANQABÂD	340	10	30	02	1	1	Cu	7.5	32	29	12
	399	NAG' HAMMÂDI	00	0	35	00	0	0	—	7.4	34	32	15
	402	QENA	270	1	50	00	0	0	—	6.6	37	22	12
	405	LUXOR	360	2	30	00	0	0	—	6.2	35	16	6
	414	ASWÂN	340	10	50	00	0	0	—	6.7	35	19	8
Oases	417	SÎWA	320	15	14	03	2	5	Cu	10.4	34	22	9
	420	BAHARÎYA	270	3	35	02	0	0	—	8.7	33	34	15
	423	FARAFRA	290	1	35	03	0	0	—	9.1	34	22	9
	432	DAKHLA	340	11	35	00	0	0	—	8.3	35	29	14
	435	KHARGA	270	8	15	00	0	0	—	7.9	35	23	11
Red Sea	450	SUEZ	00	0	50	03	0	2	Cu	6.0	33	34	15
	459	TÛR											
	462	HURGHÂDA											
	465	QUSEIR	20	9	15	02	0	0	—	6.4?	29	70	23
	641	PORT SÛDÂN	70	13	30	02	0	0	—	5.3	33	53	22
North Sûdân	600	WÂDI HALFA	340	13	30	03	0	1	Cs	7.4	37	13	5
	640	ABU HAMAD	310	3	30	01	1	0	—				2
	660	KAREIMA											
	680	'ATBARA	360	4	30	03	1	4	Cs	4.1	38	9	0
	721	KHARTÛM	270	10	30	03	0	3	Ci	4.7	38	13	5
	730	KASSALA	220	2	30	03	1	5	Ac,Ci	3.1	41	3	-11
Central Sûdân	751	WÂD MEDANI	310	9	35	02	0	0	—	4.2	38	6	-5
	801	RENK	130	2	35	02	0	5	Cu	5.0	38	25	15
	802	ROSEIRES	230	9	35	02	1	4	Cu	5.1	37	20	11
	77.	EL OBEID	180	5	30	02	0	0	—	5.0	36	25	13
	760	EL FÂSHER											
	770	GENEINA	100	3	30	03	1	4	Cu,Cs		36	13	3
E. Sûdân	840	MALAKÂL	180	13	30	17	2	7	Cb,Ci	7.4	31	49	19
	860	WAU											
	941	JUBA	270	5	15	02	2	5	Cu	12.3	29	55	19

At 1800 on Wednesday 20th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	340	13	15	00	0	0	—	10.2	24	74	19	0
SÎDI BARÂNI	300	6	14	00	0	0	—	9.0	23	84	20	0
MATRÛH	330	4	18	00	0	3		9.8	23	89	21	0
EL DABA	320	7	7	02	2	6	Sc		23	84	20	0
ALEXANDRIA	270	11	35	01	2	2	Cu	8.8	23	84	20	0
FOUAD (Airport)	320	7	18	02	1	1	Sc	8.7	23	84	20	0
DAMIETTA												
PORT SA'ÎD	350	8	14	02	0	0	—	8.5	24	79	20	0
EL 'ARISH	360	3	18	00	0	0	—	7.6	25	70	19	0
DAMANHUR	360	5	15	02	0	0	—	9.4	24	84	21	0
MANSURA	20	3		00	1	0	—	7.5	26	66	19	0
TANTA	270	2	35	01	1	3	Cu	10.0	24	69	18	0
ZAGAZIG	320	2	35	02	1	0	—	8.5	27	62	19	0
ISMA'ILIA	360	5	35	01	0	0	—	8.4	26	62	18	0
FAROUK (Airport)	340	10	12	00	1	0	—	8.7	28	42	14	0
ALMAZA	340	8	12	00	0	0	—	8.3	28	52	17	0
EZBEKIYA	00	0	12	00	0	0	—	8.7	28	45	15	0
GÎZA	00	0	12	00	0	0	—	8.4	27	52	16	0
HELWÂN	320	6	15	01	0	0	—	8.2	29	35	12	0
FAIYÛM	00	0	35	01	0	1	Cu,Sc	8.7	29	40	14	0
MINYA	00	0	8	02	0	1	Cu	7.4	28	55	18	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	8.1	29	40	14	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	6.2	28	45	15	0
QENA	320	2	7	00	0	0	—	6.7	31	31	12	0
LUXOR												
ASWÂN	00	0	15	00	0	0	—	6.8	32	24	9	0
SÎWA	360	13	11	01	2	2	Cu	9.2	32	29	12	0
BAHARÎYA	320	2	15	02	0	0	—	9.4	28	45	15	0
FARAFRA	320	1	15	02	0	0	—	9.3	28	27	7	0
DAKHLA	340	11	50	00	1	0	—	9.9	30	31	11	0
KHARGA	00	0	15	00	0	0	—	8.6	27	37	11	0
SUEZ												
TÛR												
HURGHÂDA	180	5	12	00	0	0	—	4.4	28	42	14	0
QUSEIR	140	5	15	02	0	0	—	5.7	28	62	20	0
PORT SÛDÂN	340	8	30	02	0	2	Cs	6.6	29	70	23	0
WÂDI HALFA	10	7	30	02	0	1	Cs	7.1	31	26	9	0
ABU HAMAD	350	1	30	02	0	0	—		32	13	0	0
KAREIMA	360	9	30	01	0	1	Ci	4.7	33	15	3	0
'ATBARA	330	3	30	03	1	1	Cs		33	15	3	0
KHARTÛM	350	5	30	01	1	2	Cs	5.1	33	10	-2	0
KASSALA	00	0	30	01	0	0	—	5.0	27	30	8	0
WÂD MEDANI												
RENK												
ROSEIRES	00	0	30	13	0	2	Cu,Ci	5.3	30	43	16	0
EL OBEID												
EL FÂSHER	70	7	30	13	1	3	Sc,Cu		32	21	7	0
GENEINA	00	0	30	01	1	1	Ci		32	21	7	0
MALAKÂL	180	9	30	02	6	7	Ac	8.5	25	79	21	7
WAU												
JUBA	180	9	30	13	6	7	Cb,Ac	9.9	25	89	23	dr.

At 0600 on Thursday 21st June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	20	9	15	01	1	1	Cu	11.0	-1.0	25			21	+1	74	20	0	91	
SÎDI BARÂNI	320	9	14	01	1	1	Cu	10.5		24	26		21		79	20	0	108	
MATRÛH	320	5	14	02	2	4	Sc	11.0	-1.3	24	28		20		74	19	0	51	
EL DABA	290	8	15	00	0	4	Cu			24	27		18		74	19	0	54	
ALEXANDRIA	270	10	50	03	2	4	Cu	9.9	-2.1	24	27	-1	22	+1	69	18	0	63	186
FOUAD (Airport)	290	7	12	02	2	4	Sc	10.1		24	28		21		69	18	0	63	138
DAMIETTA	200	2	7	03	1	6	Cu	10.7	-0.1	25			19	-1	74	20	0	Rain	106
PORT SA'ÎD	260	5	18	01	0	0	—	9.8	-0.9	25	30		22		65	18	0	18	
EL 'ARISH	350	6	30	00	0	0	—	9.4	-1.4	27	28	-1	19	+1	55	17	0	Rain	94
DAMANHUR	270	9	15	02	1	3	Cu	10.2	-0.9	26	30	-2	20	+1	70	20	0	35	101
MANSURA	220	3	35	02	1	3	Cu	10.3	-0.9	26	34	0	19	0	70	20	0	31	55
TANTA	00	0	35	01	1	4	Cu	11.2?	-0.1	25	32	-3	17	-1	70	19	0	23	44
ZAGAZIG	320	1	35	02	0	0	—	9.6	-1.7	27	35	0	18	0	62	19	0	Rain	27
ISMA'ILIA	320	2	35	03	1	2	Ac	10.0		26	33		21		70	20	0	17	
FAROUK (Airport)	320	5	10	00	0	0	—	10.7		24	33		20		69	18	0	Rain	
ALMAZA	20	3	14	00	0	0	—	10.6	-0.7	24	33		20		69	18	0	12	
EZBEKIYA	00	0	12	00	0	0	—	10.4	-0.9	25	34	-1	22	+2	70	19	0	11	26
GÎZA	00	0	12	00	0	0	—	10.3	-1.0	25	35	0	19	+1	70	19	0	11	27
HELWÂN	340	4	15	00	0	0	—	10.4	-0.8	25	33	-2	21	+1	61	17	0	12	29
FAIYÛM	360	4	35	02	0	0	—	10.1	-0.8	26	34	-2	21	+1	55	16	0	8	8
MINYA	360	3	8	00	0	0	—	9.9	-0.3	26	33		18		70	20	0	3	
ASYÛT MANQABÂD	290	2	12	00	0	0	—	9.7	-0.3	28	34		22		42	14	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	10.2	+1.6	29	36	-2	20	0	46	16	0	0.1	
QENA	220	1	15	00	0	0	—	9.4	+1.3	29	38	-3	22	-1	40	14	0	2	
LUXOR	20	0	30	00	0	0	—	8.8	+0.5	32					28	11	0	0	
ASWÂN	340	5	50	00	0	0	—	9.6	+1.3	31	37	-5	25	-1	31	12	0	0	
SÎWA	290	5	14	00	0	0	—	12.7	-0.6	24	35	-3	20	0	61	16	0	1	8
BAHARÎYA	00	0	35	02	0	0	—	10.4	-1.4	27	34	-2	22	+3	55	17	0	dr	7
FARAFRA	00	0	35	02	0	0	—	10.7		30	35		19		35	13	0	dr	
DAKHLA	340	8	50	00	0	0	—	11.1	+0.5	28	36	-3	21	-2	40	13	0	0	
KHARGA	00	0	15	00	0	0	—	10.0	+0.9	30	37	-2	21	-2	40	15	0	0	
SUEZ	360	4	50	00	0	0	—	8.8	-1.5	26			21	0	70	20	0	5	17
TÛR																			13
HURGHADA	360	8	30	00	0	0	—	7.5	-0.7	27	31		24		62	19	0	8	
QUSEIR	330	9	15	02	0	0	—	8.4	+0.6	27	31	-2	25	-1	64	19	0	dr.	4
PORT SÛDÂN	20	1	30	02	0	0	—	7.9		33	35		24		34	15	0	153	97
WÂDI HALFA	160	1	30	02	0	0	—	8.4		28	37		22		19	2	0	dr	
ABU HAMAD	360	4	30	02	0	1	Ci			31	38		21		15	1	0		
KAREIMA	50	4	30	03	1	5	Cs	9.2		29	38		23		29	7	0	dr.	2
'ATBARA											39								8
KHARTÛM	40	7	30	02	0	2	Ci	7.9		31	39		23		16	2	0	8	13
KASSALA											41								40
WÂD MEDANI																			46
RENK																			141
ROSEIRES	230	9	35	02	1	3	Ac	10.4		28	39		25		58	19	0	55	194
EL OBEID											37								59
EL FÂSHER																			25
GENEINA	120	1	30	01	1	2	Cs			26	37		22		58	17	0		60
MALAKÂL	00	0	30	02	2	7	Ac	11.6		24	35		22		84	21	7	193	283
WAU	250	2	30	03	2	7	Ac,Ci	10.0		34	36		22		79	20	1	331	481
JUBA	180	2	30	03	2	7	Ac	12.0		25	30				79	21	dr.	423	564

HUMIDITY %

Mean of day

STATION	on 20th	Diff. from normal
Alexandria	80	+8
Ezbekiya	54	-1
Giza	51	-3
Helwân	51	+9

GÎZA

GRASS MINIMUM TEMP. ON 21st 16.7 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent

On At

Pressure mbs	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On At								HELWAN OBS. AIRPORT On 20th At 8h							
Pressure mbs	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.	Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000						1000						1000	132	27	42	270	10
950						950						950					
900						900						900					
850						850						850	1560	18	52	280	5
800						800						800					
700						700						700	3186	11	47	280	5
600						600						600	4456	4	38	280	25
500						500						500	5916	-6		250	16
400						400						400					
300						300						300	9370	-26		240	16

UPPER WIND OBSERVATIONS on 20th

Height m.	Port Said (14) Dir.	Vel.	Minya (14) Dir.	Vel.	Asyut (14) Dir.	Vel.	Sûhag (14) Dir.	Vel.	Dakhla (14) Dir.	Vel.	Kharga (14) Dir.	Vel.	El Arish (15) Dir.	Vel.	S. Barani (14) Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Minya (20) Dir.	Vel.	Port Said (20) Dir.	Vel.
300	350	18	350	11	340	14	310	37	360	17	340	14	350	11	320	18							300	3	320	5
600	320	16	360	16	330	16	310	40	350	25	340	18	320	13	340	19							340	6	320	6
1000	270	15	10	19	320	18	310	41	350	24	350	23	310	9	320	26							340	10	330	4
1500	260	5	30		330	25	310	41					250	12	300	22							340	15	360	4
2000	190	4			310	23	320	39															330	14	80	2
3000					310	14	320	36																		
4000					310	16																				
5000					300	12																				
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 21st

Height m.	Sîdi Barâni 8 Dir.	Vel.	Matrûh 4 Dir.	Vel.	Fouad Airport 8 Dir.	Vel.	Port Said 2 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya 2 Dir.	Vel.	Asyût Manqabâd 8 Dir.	Vel.	Luxor Dir.	Vel.	Aswân 8 Dir.	Vel.	Hurghada 8 Dir.	Vel.	Farouk A.P. 8 Dir.	Vel.
300	320	9	320	12	280	18	270	8					80	7	320	2			340	11	340	18	290	7
600	340	9	340	17	270	16	250	5					60	3	330	3			330	9	340	19	280	10
1000	330	12	340	15	250	10	250	6					300	7	290	10			340	10	310	13	270	12
1500			340	16	300	12	250	12					280	12	320	10					310	5	240	18
2000							260	21					270	14	300	7					250	7		
3000															260	9					250	16		
4000																					200	13		
5000																					210	24		
6000																								
7000																								
8000																								

Height m.	Sîwa 8 Dir.	Vel.	Bahariya 8 Dir.	Vel.	Dakhla 8 Dir.	Vel.	Kharga 8 Dir.	Vel.	Wâdi Halfa 3 Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl 3 Dir.	Vel.
300	340	5	320	10	330	7	50	3	10	5														
600	350	4	320	10	320	10	360	9	30	18													250	11
1000	310	12	300	12	330	13	340	12	30	13													190	15
1500	310	22			340	16			30	11													170	13
2000	300	36			350	8																		
3000									10	14													50	11
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

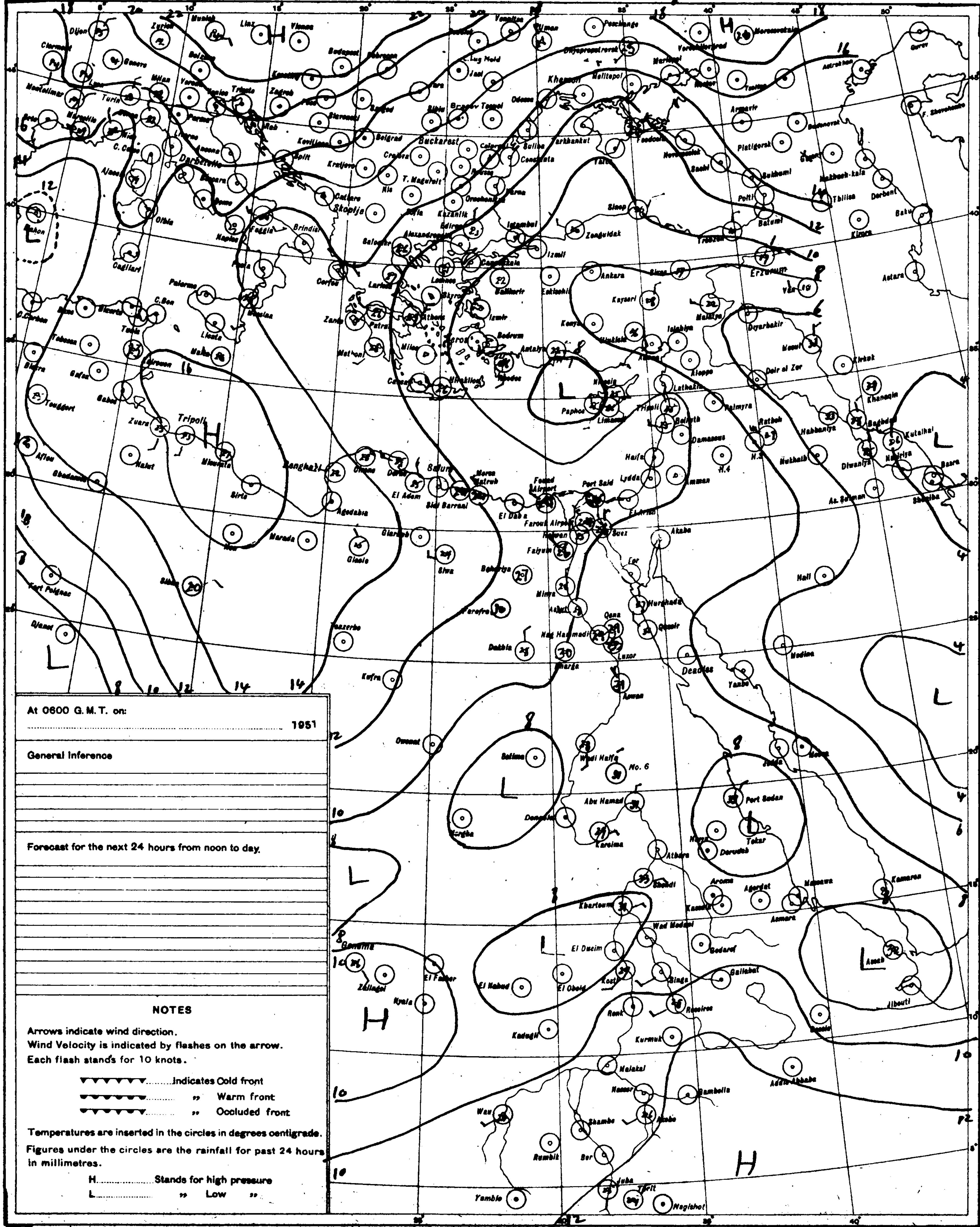
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 21.6. 1951



At 0600 G. M. T. on:	....	1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... „ Warm front
▼●▼●▼●▼.......... „ Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. „ Low „

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless 00
Clouds dissolving 01
State of sky generally unchanged 02
Clouds developing 03

Visibility more than 1000 metres:
- Visibility reduced by smoke 04
- Dry haze 05
- Dust in the air 06
- „ or sand raised by wind 07
- Dust devil 08
- Duststorm or sandstorm within sight or at station during last hour 09
- Mist 10
- Shallow fog 12

Lightning, no thunder heard 13
Precipitation within sight 16
Thunder, no precipitation 17

During past hour and not at time of observation:
- Squalls 18
- Drizzle 20
- Rain 21
- Showers of rain 25
- „ „ hail 27
- Fog 28
- Thunderstorm 29

Duststorm or Sandstorm 31
Fog 45
Drizzle 50
Rain 60
Showers of rain 80
„ „ hail 87
Rain } Thunderstorm during 91
Hail } the past hour 93
Thunderstorm with rain 95
„ „ hail 96
„ „ Sandstorm 98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds .... 0.
Some clouds .... 1.
Mainly overcast .... 2.
Sandstorm or Duststorm .... 3.
Fog or thick dusthaze (*v/s less than 1000 m.*) .... 4.
Drizzle .... 5.
Rain .... 6.
Snow or rain and snow .... 7.
Showers of rain .... 8.
Thunderstorm with or without rain .... 9.

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless 0
1/8 of sky coverd or trace of cloud 1
2/8 th „ „ „ 2
3/8 „ „ „ „ 3
4/8 „ „ „ „ 4
5/8 „ „ „ „ 5
6/8 „ „ „ „ 6
7/8 „ „ „ „ 7
Sky completely covered 8
„ obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(53/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 22nd June, 1951

At 1200 on Thursday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	20	9	35	00	0	1	Cu	11.2	28	45	15
	303	SÎDI BARÂNI	310	8	18	00	0	0	—	11.9	26	62	18
	306	MATRÛH	250	10	18	00	0	0	—	11.6	26	62	18
	309	EL DAB'A	340	8	35	00	0	0			25	70	19
		ALEXANDRIA	310	16	50	02	1	3	ac	10.4	26	62	18
	318	FOUAD (Airport)	260	11	18	02	1	1	sc	10.4	26	66	20
	330	DAMIETTA											
	333	PORT SA'ÎD	360	11	30	02	0	1	sc	9.8	29	62	21
	336	EL 'ARISH	360	7	30	00	0	0	—	8.8	27	70	21
Lower Egypt	339	DAMANHUR	270	5	15	02	1	1	Cu	10.4	30	59	21
	342	MANSURA	360	5	35	02	1	3	Cu	9.8	32	43	18
	348	TANTA	270	5	35	01	1	4	Cu	10.4	31	49	19
	354	ZAGAZIG											
	440	ISMA'ÎLÎA											
Cairo Area	366	FAROUK (Airport)											
	372	ALMÂZA	290	15	30	03	0	1	Cu	9.8	32	28	11
		EZBEKÎYA	00	0	18	02	1	2	Cu	9.1	32	31	13
		GÎZA	00	0	18	02	1	2	Ci	9.5	33	34	15
	378	HELWÂN	290	5	50	02	0	1	Cu	9.0	33	24	10
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	10.2	33	30	13
	387	MINYA	320	8	10	03	0	1	Cu	8.6	36	27	14
	393	ASYÛT MANQABÂD	340	5	30	00	0	0	—	8.7	35	19	8
	399	NAG' HAMMÂDI	290	2	35	00	0	0	—	9.0	35	29	14
	402	QENA	360	1	50	00	0	0	—	7.8	38	19	11
	405	LUXOR											
	414	ASWÂN	340	2	50	00	0	0	—	7.6			9
Oases	417	SÎWA	270	3	14	00	0	0	—	12.3	33	28	12
	420	BAHARÎYA	360	4	35	02	0	0	—	9.1	34	36	17
	423	FARAFRA	270	1	35	02	0	0	—	10.0	35	15	5
	432	DAKHLA	320	5	50	00	0	0	—	8.4	36	29	15
	435	KHARGA	40	1	35	00	0	0	—	8.4	37	18	9
Red Sea	450	SUEZ	60	4	50	03	0	3	Cu	7.1	33	34	15
	459	TÛR											
	462	HURGHADA	90	8	30	03	0	1	ac	6.5	31	52	20
	465	QUSEIR											
	641	PORT SÛDÂN	360	12	30	03	0	1	cs	6.7	35	35	17
North Sudan	600	WÂDI HALFA	340	10	30	02	0	0	—	7.8	38	21	12
	640	ABU HAMAD	130	2	30	02	0	0	—		38	11	3
	660	KAREIMA	20	7	30	02	0	0	—	6.3	38	13	5
	680	'ATBARA											
	721	KHARTÛM	330	5	30	02	0	1	Ci	4.9	39	14	7
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	230	9	35	02	1	4	ac	4.4	40	8	0
	801	RENK											
	802	ROSEIRES	230	9	35	02	1	6	Cu	7.6	33	41	18
	771	EL OBEID	00	0	30	02	0	1	Cu	5.1	37	10	0
	760	EL FÂSHER	160	10	30	03	2	7	Sc, Cu		35	27	13
	770	GENEINA											
S. Sudan	840	MALAKÂL	180	3	30	03	2	6	Cu, ac	8.4	32	49	20
	880	WÂU	210	7	30	03	2	7	Cb, ac	7.6	33	44	19
	941	JUBA	180	5	30	01	2	5	Cb, ac	7.2	34	41	16

At 1800 on Thursday 21st

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs. mms.
Mediterranean	62300	SALÛM	320	2	15	03	1	5	Sc, Cu	12.8	23	88	21	0
	303	SÎDI BARÂNI	00	0	14	00	0	0	—	11.9	22	77	18	0
	306	MATRÛH	350	2	14	00	0	0	—	12.7	23	83	20	0
	309	EL DAB'A	320	6	7	01	1	3	Cu	12.2	23	89	21	0
		ALEXANDRIA	360	16	35	03	2	5	Cu	12.3	23	74	18	0
	318	FOUAD (Airport)	340	8	12	03	1	3	Sc	11.6	23	83	20	0
	330	DAMIETTA	340	2	7	02	0	1	Cu	10.8	23	74	18	0
	333	PORT SA'ÎD	340	13	14	02	0	1	Sc	11.0	24	74	19	0
	336	EL 'ARISH	20		12	00	0	0	—	10.0	25	65	18	0
Lower Egypt	339	DAMANHUR	360	5	15	02	0	0	—	12.6	25	74	20	0
	342	MANSURA	360	3		00	1	0	—	11.8	25	70	19	0
	348	TANTA	00	0	35	02	0	0	—	11.7	24	69	18	0
	354	ZAGAZIG	320	1	35	02	0	0	—	11.0	27	62	19	0
	440	ISMA'ÎLÎA	360	5	25	01	0	0	—	10.7	26	70	20	0
Cairo Area	366	FAROUK (Airport)	20	21	12	00	1	0	—	10.8	28	55	18	0
	372	ALMÂZA	20	12	12	02	0	0	—	10.4	28	55	18	0
		EZBEKÎYA	350	6	12	00	0	0	—	11.1	28	52	17	0
		GÎZA	350	6	12	00	0	0	—	10.7	28	52	17	0
	378	HELWÂN	320	8	15	01	0	0	—	10.6	29	40	14	0
Upper Egypt	381	FAIYÛM												
	387	MINYA	320	3	8	00	0	0	—	9.5	28	52	17	0
	393	ASYÛT MANQABÂD	280	4	8	00	0	0	—	9.5	31	29	11	0
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—	9.4	27	62	19	0
	402	QENA												
	405	LUXOR												
	414	ASWÂN	00	0	50	00	0	0	—	8.2	34	18	6	0
Oases	417	SÎWA	350	4	10	01	1	2	Cu				11	0
	420	BAHARÎYA	320	2	15	02	0	0	—	10.6	29	46	16	0
	423	FARAFRA	320	1	35	02	0	0	—	11.1	30	25	8	0
	432	DAKHLA	340	11	50	00	1	0	—	10.3	32	34	14	0
	435	KHARGA	00	0	15	00	0	0	—	9.8	32	24	9	0
Red Sea	450	SUEZ												
	459	TÛR												
	462	HURGHADA	320	4	12	00	1	1		6.6	28	62	20	0
	465	QUSEIR												
	641	PORT SÛDÂN												
North Sudan	600	WÂDI HALFA	330	7	30	03	0	0	—	7.9	33	32	14	0
	640	ABU HAMAD	270	1	30	02	0	0	—		32	18	5	0
	660	KAREIMA	330	2	30	02	0	0	—	7.0	33	15	3	0
	680	'ATBARA	350	2	30	01	0	0	—	5.4	34	16	5	0
	721	KHARTÛM	310	2	30	03	0	3	ac, Ci	5.2	35	18	7	0
	730	KASSALA												
Central Sudan	751	WÂD MEDANI												
	801	RENK												
	802	ROSEIRES												
	771	EL OBEID	00	0	30	03	0	3	ac	6.2	31	21	6	0
	760	EL FÂSHER	190	6	30	13	2	7	Cb, ac		31	33	13	0
	770	GENEINA	240	3	30	17	1	5	Sc, Cu		27	62	19	0
S. Sudan	840	MALAKÂL	160	2	30	01	8	5	ac, Ci	8.9	29	62	21	5
	880	WÂU	00	0	30	13	8	6	Cb, ac	8.9	28	70	22	dr.
	941	JUBA	90	2	30	01	2	7	Cb, cs	8.3	27	66	20	0

At 0600 on Friday 22nd June,

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
Mediterranean	62300	SALUM	90	5	15	00	0	0	—	13.8	+1.8	25	29	-1	20	0	70	19	0	91	
	303	SÎDI BARÂNI	300	10	15	01	1	1	Cu	13.5		24	27		18		77	20	0	108	
	306	MATRÛH	280	5	30	00	0	0	—	13.9	+1.7	24	27		18		83	21	0	51	
	309	EL DAB'A	290	1	15	00	0	0	—			25	26		17		70	19	0	54	
		ALEXANDRIA	360	5	50	02	2	4	Cu	13.5	+1.5	25	27	-2	21	0	70	19	0	63	186
	318	FOUAD (Airport)	320	6	18	02	1	6	Cu	12.6		25	27		20		74	20	0	63	138
	330	DAMIETTA	340	2	7	03	1	6	Cu	12.8	+2.1	26	29	0	21	+1	70	20	0	Rain	106
	333	PORT SA'ÎD	260	5	18	02	1	5	Sc	12.9	+2.3	25	29		22		70	19	0	18	
	336	EL 'ARISH	280	3	18	03	1	4	Sc	11.8	+1.1	25	28	-1	20	+2	70	19	0	Rain	94
Lower Egypt	339	DAMANHUR	270	5	15	02	1	3	Cu	12.5	+1.5	25	31	-1	21	+2	70	19	0	35	101
	342	MANSURA	360	3	35	03	2	4	Cu	13.8	+2.7	27	34	0	20	+1	62	19	0	31	55
	348	TANTA	00	0	35	02	0	0	—	14.4	+3.2	25	32	-3	18	0	70	19	0	23	44
	354	ZAGAZIG	40	1	35	03	1	3	ac	13.0	+1.8	26	35	0	20	+2			0	Rain	27
	440	ISMA'ÎLÎA	20	2	50	03	1	4	ac	12.8		26	34		21		62	18	0	17	
Cairo Area	366	FAROUK (Airport)	10	4	12	02	1		Sc	13.6		24	34		22		74	19	0	Rain	
	372	ALMÂZA	50	5	15	03	1	4	Sc	13.0	+1.8	23	34		20		74	18	0	12	
		EZBEKÎYA	350	6	12	02	1	4	Cu	13.2	+2.0	25	34	-1	21	+1	65	18	0	11	26
		GÎZA	350	6	12	02	1	4	Cu	13.1	+1.8	25	33	-2	19	+1	70	19	0	11	27
	378	HELWÂN	20	5	7	00	0	0	—	13.0	+1.9	24	35	0	20	0	69	18	0	12	29
Upper Egypt	381	FAIYÛM	00	0	35	02	0	0	—	13.5	+2.7	26			21	+1	62	18	0	8	8
	387	MINYA	340	5	8	00	0	0	—	12.7	+2.6	26	36		21		74	21	0	3	
	393	ASYÛT MANQABÂD	00	0	12	00	0	0	—	12.0	+2.1	27	36		22		52	16	0	dr.	
	399	NAG' HAMMÂDI	00	0	15	00	0	0	—	11.6	+3.1	28	37	-1	22	+2	58	19	0	0.1	
	402	QENA																			
	405	LUXOR	00	0	30	00	0	0	—	10.6	+2.3	32			24		28	11	0	0	
	414	ASWÂN	340	4	50	00	0	0	—	11.2	+3.0	30	38	-4	25	-1	25	8	0	0	
Oases	417	SÎWA	70	4	14	00	0	0	—	14.0	+0.8	26	35	-3	20	0	48	14	0	1	8
	420	BAHARÎYA	360	2	35	02	0	0	—	13.0	+1.4	27	35	-1	20	+1	35	10	0	dr	7
	423	FARAFRA	320	1	35	02	0	0	—	12.7		28	36		22		33	10	0	dr.	
	432	DAKHLA	00	0	50	00	0	0	—	12.3	+1.7	30	37	-2	23	0	40	15	0	0	
	435	KHARGA											38	-1							
Red Sea	450	SUEZ	00	0	50	00	0	0	—			26			21	-1	62	18	0	5	17
	459	TÛR																			13
	462	HURGHADA	350	13	30	00	0	0	—	9.1	+1.0	27	34		21		70	21	0	8	
	465	QUSEIR	360	9	15	02	0	0	—	9.9	+1.3	31			25	-1	43	17	0	dr.	4
	641	PORT SÛDÂN	340	7	30	02	0	0	—	8.3		35	36		24		27	13	0	153	97
North Sudan	600	WÂDI HALFA	00	0	30	02	0	0	—	11.2		29	39		23		33	11	0	dr.	
	640	ABU HAMAD	360	9	30	02	0	0	—			32	39		25		16	3	0		
	660	KAREIMA	50	6	30	03	1	3	cs	9.9		31	39		25		24	8	0	dr.	2
	680	'ATBARA	360	15	10	07	1	5	—	6.8		32	40		25		16	3	0	25	8
	721	KHARTÛM	120	1	30	03	2	8	cs	9.4		30	40		24		21	5	0	8	13
	730	KASSALA	180	8				3	cs	9.0		30	42		19		35	13	0	16	42
Central Sudan	751	WÂD MEDANI	230	9	50	02	2	8	Cu	8.0		32	41		23		41	17	0	68	48
	801	RENK	180	2	35	02	1	6	ac			28	37		25		66	21	0		144
	802	ROSEIRES	130	9	35	02	1	0	—	8.6		29	35		25		49	17	0	55	199
	771	EL OBEID	270	9	30	01	2	3	ac				38		25			17	0	71	60
	760	EL FÂSHER											36								26
	770	GENEINA											36								62
S. Sudan	840	MALAKÂL											33								288
	880	WÂU	00	0	30	02	2	7					34		22			22	8	339	487
	941	JUBA											34								569

HUMIDITY %

Mean of day

Station	on 21st	Diff. from normal
Alexandria	72	0
Ezbekîya	59	+3
Gîza	55	+1
Helwân	48	+6

GÎZA GRASS MINIMUM TEMP. ON 22nd 17.4 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

..... AIRPORT On ..... At ..... Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 21st

Station	Port Said		Asyût		Kharga		Minya		Matruh		Dakhla		Siwa		Hurghada		El Arish		S. Barrani							
Time	14		14		14		14		14		14		14		14		15		14							
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	10	11	330	10	360	8	350	7	320	6	350	13	330	15	310	6	270	13	330	8						
600	350	4	340	10	350	11	10	9	330	13	350	14	310	15	40	8	350	10	330	10						
1000	290	21	340	8	340	12	20	10	340	10	350	12	320	19	10	18	300	15	340	11						
1500	240	23	300	17			20	16	320	17	340	12	320	19	320	11	230	10								
2000	230	23	290	13			40	14	340	15			310	24	320	13	210	15								
3000	210	27	290	15									310	33	280	23	210	29								
4000																										
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 22nd

Station	Sîdi Barâni		Matrûh		Fouad Airport		Port Said		El 'Arîsh		Helwân		Minya		Asyût Manqabâd		Luxor		Aswân		Hurghada		Farouk A.P.	
Time			8		8		2						2		8		4 30						2	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300			280	6	320	16	350	6					20	11	300	9	350	16					50	10
600			280	11	40	5	360	7					10	18	320	12	10	17					30	9
1000			290	10			330	8					360	13	330	13	360	16					340	15
1500			310	10			310	16					300	10	330	10	360	7					320	13
2000			320	15			330	10					280	12	330	10							330	12
3000			330	14																				
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa		Bahariya		Dakhla		Kharga		Wâdi Halfa		Abû Hamad		Kareima		Khartûm		Kassala		El Obeid		El Fâsher		Malakâl	
Time	8		8		8		8												4				3	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	50	3	340	8	350	10	30	6																
600	50	4	340	8	350	14	360	10															230	8
1000	30	8			340	21	320	8											250				210	11
1500	310	13					300	12											290	13			200	9
2000																								
3000																			20	3			70	21
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

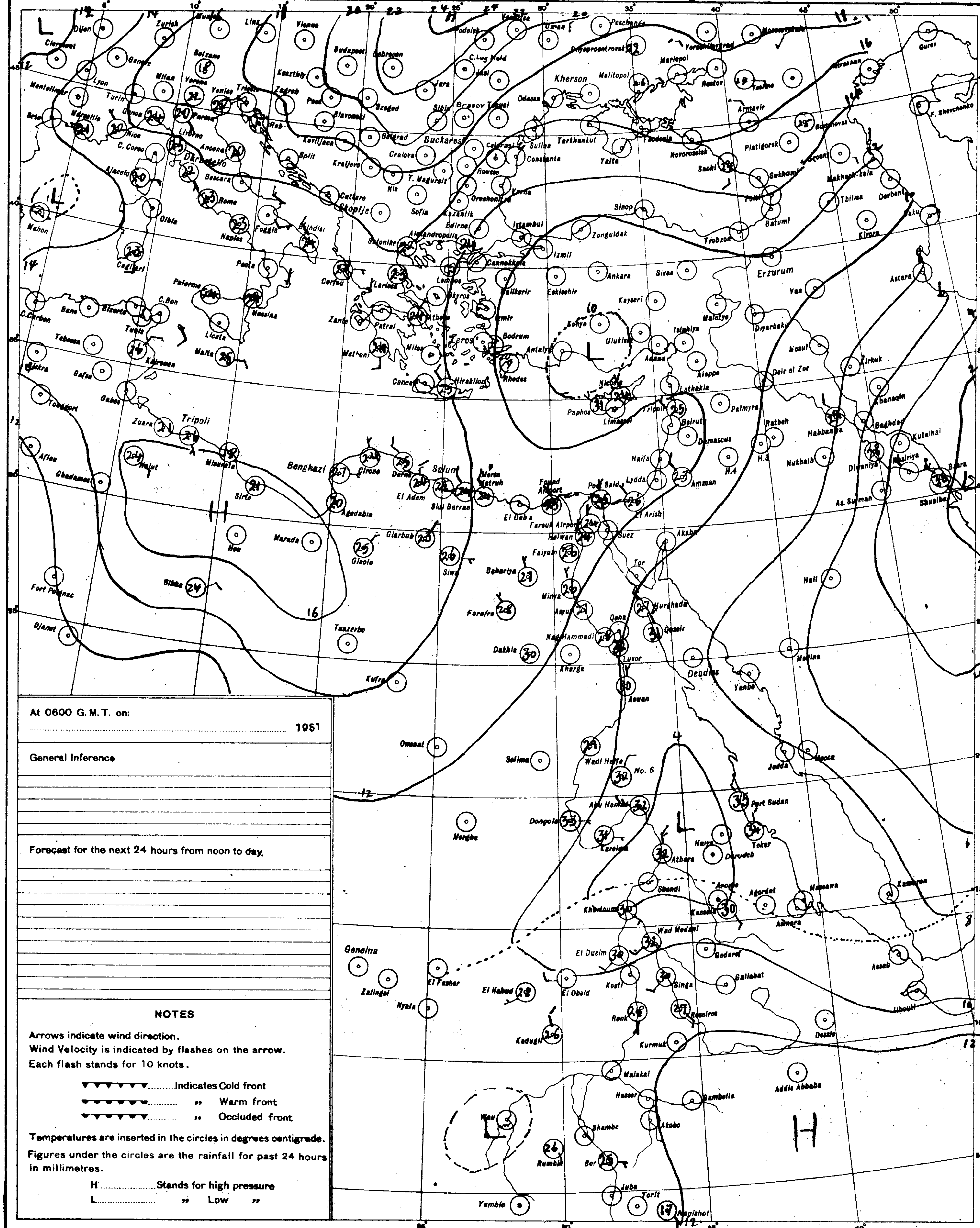
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 22-6-1951*



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight ● or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during the past hour	91
Hail	Thunderstorm during the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 54 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 23rd June, 1951

At 1200 on Friday 22nd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM	40	9	35	00	0	1	Cu	13.0	28	58	19
	303	SIDI BARANI	340	9	18	01	0	0	—	13.7	26	62	18
	306	MATRUH	330	10	18	03	0	1	Cu	13.8	26	74	21
	309	EL DABA	360	6	35	00	0	0	—	13.1	28	58	19
		ALEXANDRIA	270	14	50	01	2	1	Cu	13.6	26	70	20
	318	FOUAD (Airport)	320	8	18	01	1	0	—	13.8	27	62	19
	330	DAMIETTA	340	5	35	00	0	0	—	13.1	27	62	19
	333	PORT SA'ID	360	10	30	01	0	1	Sc	129	27	70	21
	336	EL 'ARISH	330	7	30	00	0	0	—	11.7	27	66	20
Lower Egypt	339	DAMANHUR	270	9	15	02	1	1	Cu	12.7	30	52	19
	342	MANSURA	320	3	35	02	1	3	Cu	11.1	33	38	17
	348	TANTA	310	5	35	01	1	3	Cu	13.0	32	43	18
	354	ZAGAZIG	320	3	50	03	1	3	Cu	12.6	33	44	19
	440	ISMA'ILIA	360	2	35	03	1	4	Cu	12.0	32	38	16
Cairo Area	366	FAROUK (Airport)	20	7	30	03	1	2	Cu	12.4	32	34	14
	372	ALMAZA	320	8	30	03	0	1	Cu	11.7	31	38	15
		EZBEKIYA	310	6	18	02	1	2	Cu	12.0	32	36	15
		GIZA	310	6	18	02	1	2	Cu	11.9	31	43	17
	378	HELWAN	270	11	15	02	0	0	—	11.8	31	38	15
Upper Egypt	381	FAIYUM	00	0	35	02	0	0	—	12.4	34	27	12
	387	MINYA	300	12	10	02	0	1	Cu	11.0	35	32	16
	393	ASYUT MANQABAD	340	11	30	02	1	1	Cu	10.8	32	22	8
	399	NAG' HAMMADI	00	0	35	00	0	0	—	10.0	36	25	13
	402	QENA	240	1	50	00	0	0	—	9.1	39	17	10
	405	LUXOR											
	414	ASWAN	340	3	50	00	0	0	—	8.8	38	16	8
Oases	417	SIWA	270	5	14	00	0	0	—	13.5	34	18	6
	420	BAHARIYA	360	3	35	02	0	0	—	11.6	34	32	15
	423	FARAFRA	360	1	35	03	0	1	Ac	12.2	36	11	1
	432	DAKHLA	320	5	50	00	0	0	—	10.8	36	13	4
	435	KHARGA	360	2	15	00	0	0	—	10.7	36	17	7
Red Sea	450	SUEZ	360	6	50	03	0	1	Cu	9.8	33	36	16
	459	TOR	310	9	50	03	0	0	—	8.7	34	50	22
	462	HURGHADA	30	9	30	00	0	0	—	7.6	30	66	25
	465	QUSEIR	20	9	15	02	0	0	—	9.3	30	70	24
	641	PORT SUDAN											
North Sudan	600	WADI HALFA	360	8	50	03	1	6	Cs	6.7	40	9	1
	640	ABU HAMAD											
	660	KAREIMA											
	680	ATBARA	330	8	30	03	2	8	Ac, Cs	5.0	41	9	2
	721	KHARTUM	360	4	30	02	2	8	Cu, Cs	5.4	41	15	9
	730	KASSALA	260	5	30	02	1	3	Cs	4.0	41	11	5
Central Sudan	751	WAD MEDANI											
	8[illegible]	RENK											
	802	ROSEIRES											
	771	EL OBEID	50	7	30	03	0	3	Cu, Ac	5.9	37	20	11
	760	EL FASHER	140	3	30	17	2	7	Sc, Ac, Cu		36	22	11
	770	GENEINA	250	4	30	01	1	4	Cu, Ac		34	25	11
S. Sudan	840	MALAKAL	180	7	30	01	8	4	Cu, Ac, Cb	8.4	33	50	21
	880	WAU	180	4	30	17	2	7	Cb,	6.9	33	47	20
	941	JUBA	90	5	35	02	1	3	Cu	8.0			

At 1800 on Friday 22nd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALUM	180	2	15	00	0	0	—	13.5	24	61	16	0
SIDI BARANI	00	0	15	00	0	0	—	13.3	23	65	16	0
MATRUH	20	3	18	00	0	0	—	13.8	23	84	20	0
EL DABA	360	4		00	0	0	—	13.1	23	84	20	0
ALEXANDRIA	360	12	35	02	2	5	Cu	13.4	23	89	21	0
FOUAD (Airport)	340	6	18	03	0	4	Sc	13.5	23	84	20	0
DAMIETTA	340	5	7	03	0	1	Cu	13.0	23	89	21	0
PORT SA'ID	360	9	15	03	0	1	Sc	12.6	24	84	21	0
EL 'ARISH												
DAMANHUR												
MANSURA	360	3		00	1	0	—	13.3	25	70	19	0
TANTA	270	2	35	01	1	2	Cu	12.5	25	70	19	0
ZAGAZIG	320	3	35	02	1	0	—	12.3	26	70	20	0
ISMA'ILIA	360	2	35	01	0	0	—	12.3	26	62	18	0
FAROUK (Airport)	20	16	30	01	1	0	—	12.5	27	62	19	0
ALMAZA	40	16	12	00	0	0	—	11.8	28	52	17	0
EZBEKIYA	360	4	12	00	0	0	—	12.4	29	52	18	0
GIZA	360	4	12	00	0	0	—	12.6	28	52	17	0
HELWAN	340	12	7	02	0	0	—	12.0	29	46	16	0
FAIYUM												
MINYA	360	4	8	00	0	0	—	10.4	26	62	18	0
ASYUT MANQABAD	300	3	8	00	0	0	—	10.5	30	33	12	0
NAG' HAMMADI												
QENA	290	2	7	00	0	0		8.8	32	28	11	0
LUXOR												
ASWAN	360	3	50	00	0	0	—	7.9	36?	17?	7	0
SIWA	340	3	10	00	0	0	—	12.8	23	44	10	0
BAHARIYA	360	3	15	02	0	0	—	12.3	29	46	16	0
FARAFRA	360	1	35	02	0	0	—	12.0	30	40	15	0
DAKHLA	320	11	50	00	0	0	—	11.8	31	31	12	0
KHARGA	00	0	15	00	0	0	—	9.4	33	24	10	0
SUEZ	360	5	35	01	0	0	—	10.4	27	52	16	0
TOR	310	9		02	0	0	—		31			0
HURGHADA	330	14	12	00	0	0	—	7.1	30	46	17	0
QUSEIR	360	9	15	02	0	0	—	9.0	29			0
PORT SUDAN	180	7	30	02	0	0	—	8.0	31	59	22	0
WADI HALFA	340	15	50	02	0	0	—	8.2	34	25	11	0
ABU HAMAD	360	1	30	02	0	0	—		34	19	7	0
KAREIMA	360	6	30	01	1	0	—	6.3	36	12	2	0
ATBARA	350	6	30	01	2	1	Ci	4.9	35	18	7	0
KHARTUM	340	2	30	01	2	6	Ac, Cs	5.2	35	20	9	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	0	—	6.4	31	38	15	0
EL FASHER	200	3	30	13	8	7	Cb, Ac		31	29	11	dr.
GENEINA	30	6	30	60	8	8	Cb, Cu		31	29	11	dr.
MALAKAL												
WAU												
JUBA	00	0	30	01	1		Ac	7.9	27	62	19	0

At 0600 on Saturday 23rd June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	110	2	15	00	0	1	Cu	13.1	+1.2	26	29	-1	19	-1	70	20	0	91	
SIDI BARANI	300	9	15	01	1	1	Sc	13.2		24	27		18		79	20	0	108	
MATRUH	360	2	18	00	0	0	—	13.4	+1.3	24	29		16		71	18	0	51	
EL DABA	320	1	15	00	0	0	—	13.2		25	28		18		70	19	0	54	
ALEXANDRIA	310	9	50	01	2	2	Cu	13.0	+1.2	24	27	-2	22	+1	74	19	0	63	186
FOUAD (Airport)	340	5	18	02	1	3	Sc	12.7		25	28		21		74	20	0	63	138
DAMIETTA	340	2	7	03	1	4	Cu	12.7	+2.1	25	28	-1	20	0	74	20	0	Rain	106
PORT SA'ID	340	3	12	01	1	3	Sc	12.3	+1.9	26	28	-1	23		66	19	0	18	
EL 'ARISH	350	4	30	03	1	4	Cu	11.6	+1.0	27			21	+3	62	19	0	Rain	44
DAMANHUR	40	2	15	02	1	1	Cu	12.6	+2.7	27			21	+2	70	21	0	35	101
MANSURA	320	3	35	02	1	2	Cu	13.0	+2.0	26	33	-1	20	+1	70	20	0	31	55
TANTA	310	2	35	01	1	1	Cu	12.7	+1.6	25	32	-3	18	0	70	19	0	23	44
ZAGAZIG	140	1	35	03	1	3	Cb	13.0	+1.9	26	35	0	19	+1	70	20	0	Rain	27
ISMA'ILIA	340	2	35	03	1	5	Cu	12.6		26	33		21		70	20	0	17	
FAROUK (Airport)	50	5	6	03	1	3	Cu	13.3		24	33		20		74	19	0	Rain	
ALMAZA	30	5	12	03	1	6	Cu	12.7	+1.6	24	33		20		74	19	0	12	
EZBEKIYA	360	6	12	02	1	5	Cu	12.8	+1.7	26	34	-1	21	+1	62	18	0	11	26
GIZA	360	6	12	02	1	5	Cu	12.6	+1.4	25	33	-2	20	+2	70	19	0	11	27
HELWAN	360	5	15	00	0	1	Cu	12.7	+1.7	24	32	-3	21	+1	69	18	0	12	29
FAIYUM	360	2	35	02	0	0	—	13.4	+2.7	27			21	+1	55	17	0	8	8
MINYA	350	9	8	00	0	0	—	12.1	+2.1	25	35		20		74	20	0	3	
ASYUT MANQABAD	320	6	10	00	0	0	—	11.7	+1.9	27	36		23		52	16	0	dr.	
NAG' HAMMADI	00	0	15	00	0	0	—	10.6	+2.1	28			21		58	19	0	0.1	
QENA	340	2	15	00	0	0	—	10.4	+2.5	32	40	-1	24	+1	34	14	0	2	
LUXOR	340	6	18	00	0	0	—	9.7	+1.5	32			23		26	10	0	0	
ASWAN	20	6	50	00	0	0	—	10.3	+2.2	32	40	-2	26	0	28	11	0	0	
SIWA	110	3	14	00	0	0	—	13.8	+0.6	26	37	-1	20	0	48	14	0	1	8
BAHARIYA	360	2	35	02	0	0	—	13.0	+1.5	27	36	0	22	+3	55	17	0	dr.	7
FARAFRA	270	1	35	02	0	0	—	12.7		27	37		22		33	9	0	dr.	
DAKHLA	00	0	50	00	0	0	—	12.6	+2.1	31	37	-2	23	0	38	15	0	0	
KHARGA	360	2	15	00	0	0	—	11.6	+2.7	29	38	-1	25	+2	40	14	0	0	
SUEZ	20	4	50	00	0	2	Cu	11.2	+1.1	25	35	0	21	-1	70	19	0	5	17
TOR	310	5	15	02	0	0	—	8.4	+0.7	27	36	+3	26	+2	66	20	0	4	13
HURGHADA	340	13	30	00	0	0	—	8.1	+0.1	27	30		23		62	19	0	8	
QUSEIR	360	9	15	02	0	0	—	9.0	+1.4	30	31	-2	26	0	52	19	0	dr.	4
PORT SUDAN	360	4	30	03	1	2	Ci	6.2			38		25				0	153	97
WADI HALFA	340	5	30	02	0	0	—	10.0		30	40		23		31	11	0	dr.	
ABU HAMAD	360	9	30	02	0	0	—			33	41		29		14	2	0		
KAREIMA	40	12	30	02	0	2	Ci	8.3		33	40		29		19	6	0	dr.	2
ATBARA											42								8
KHARTUM											41								14
KASSALA																			43
WAD MEDANI																			49
RENK																			147
ROSEIRES																			204
EL OBEID											38								61
EL FASHER	30	3	30	01	2	4	Ac, Ci			26	37				45	13	dr	20	27
GENEINA											36								64
MALAKAL																			293
WAU	250	2	30	02	2	8	Ac	9.9		24			22		84	21	dr	339	493
JUBA											34								574

HUMIDITY

Mean of day

Station	on 22nd	Diff. from normal
Alexandria	78	+5
Ezbekiya	56	+1
Giza	57	+2
Helwan	54	+11

GIZA GRASS MINIMUM TEMP ON 23rd 17.2 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs	Height above M.S.L. Metres	Day °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs	Height above M.S.L. Metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
Farouk Airport — On ... At ...					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
On ... At ... Airport					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
On ... At ... Airport					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 22nd

Height m.	Matruh Dir.	Matruh Vel.	Ariish Dir.	Ariish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	P.Said Dir.	P.Said Vel.	S.Barrani Dir.	S.Barrani Vel.	Hurghada Dir.	Hurghada Vel.	P.Said Dir.	P.Said Vel.
Time	13		15		14		14		14		14		14		14		14		14 16		20	
300	290	17	350	12	360	15	330	19	340	11	340	36	350	11	350	10	350	10	360	16	320	10
600	310	17	340	18	10	13	330	11	340	10	330	28	350	16	300	13	350	9	350	21	350	9
1000	310	13	320	9	350	14	340	13	320	9	330	44	350	20	270	19	330	13	350	19	350	8
1500	290	15	300	10	330	14	340	16	320	7					260	9	20	11	340	21	10	8
2000	270	15	270	24			340	16							240	16	350	15	310	21		
3000	280	15					320	26											260	30		
4000	290	13																				
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 23rd

Height m.	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	3		4				2				8 15		2		8				8		8			
300	230	5	300	3			320	6			330	7	20	12	330	11			330	21	320	26		
600	260	7	260	4			320	7			350	9	20	25	330	16			330	19	320	27		
1000	280	9	280	4			320	8			10	13	360	23	330	15			350	16	300	17		
1500	330	10	290	10			310	12			360	19			340	26			350	18	320	14		
2000	340	10	320	16							360	16			340	23			290	8				
3000			320	8							340	13			340	21			230	10				
4000			280	23							250	3												
5000											260	4												
6000											240	19												
7000											230	23												
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	8		8		8		8		3						4						4			
300	110	13	360	17	40	3	360	11	30	18														
600	100	12	360	28	30	3	360	15	30	10					360	6								
1000	120	5	10	23			10	17							10	26					60	7		
1500	210	3	20	9			20	16	360	15					20	13					90	16		
2000	20	7					10	12																
3000	350	16													150	6								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

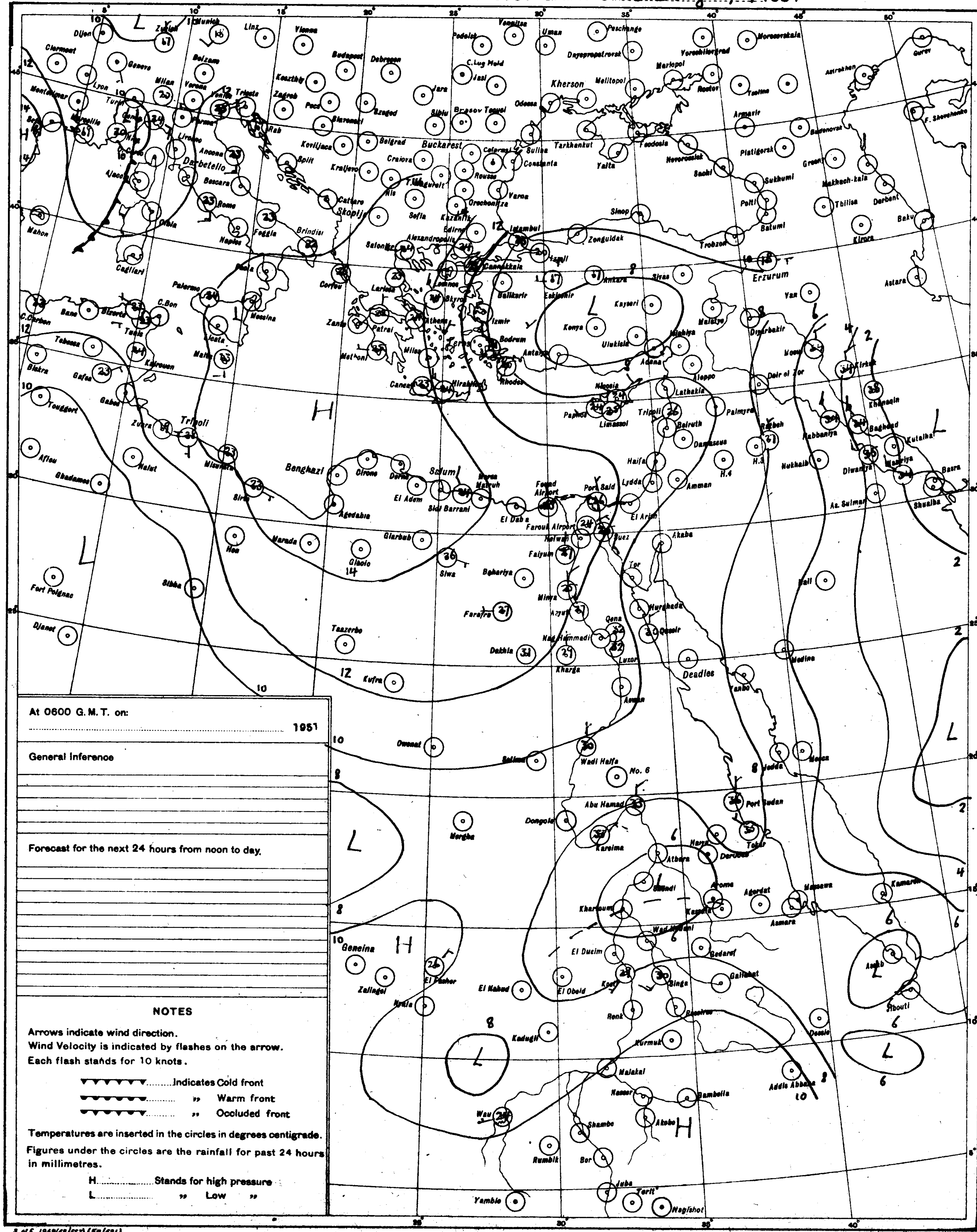
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 23/6/1951



At 0600 G.M.T. on:
.... 1951
General Inference
Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	○
State of sky generally unchanged		02	○
Clouds developing		03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	(K)
During past hour and not at time of observation	Squalls	18	∇
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	K]
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	K]•
Hail	the past hour	93	K]△
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	K

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(49)/557) (50/631)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 55 G.M.T.
" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date : Sunday 24th June, 1951

At 1200 on Saturday 23rd

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
Mediterranean	62300	SALŪM	70	5	35	03	1	2	Cu	11.9	30	35	13	0
	303	SÎDI BARÂNI	10	7	18	03	0	1	Cu	12.3	27	58	18	0
	306	MATRÛH	360	4	30	00	0	0	—	12.6	28	62	20	
	309	EL DABA	340	6	35	00	0	0	—		28	58	19	
		ALEXANDRIA	310	16	50	00	0	0	—	12.8	26	70	20	
	318	FOUAD (Airport)	340	10	18	01	0	0	—	12.7	27	70	21	
	330	DAMIETTA	340	5	35	00	0	0	—	12.6	28	58	19	
	333	PORT SA'ÎD	350	10	30	02	0	1	Cu	12.0	26	70	20	
	336	EL 'ARISH	360	8	30	00	1	0	—	11.1	27	58	18	
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	13.1	30	59	21	
	342	MANŞURA	360	5	35	00	1	0	—	12.7	32	43	18	
	348	TANTA	310	8	35	02	1	0	—	12.0	32	38	16	
	354	ZAGAZIG	320	2	50	01	1	1	Cu	11.8	33	44	19	
	440	ISMAÎLIA	360	2	35	03	1	4	ac	11.0	32	36	15	
Cairo Area	366	FAROUK (Airport)	20	11	30	01	1	1	Cu	12.1	32	38	16	
	372	ALMÂZA	20	2	15	03	0	1	Cu	11.2	32	34	14	
		EZBEKÎYA	360	6	18	02	1	3	Cu	11.4	32	28	11	
		GÎZA	360	6	18	02	1	3	Cu	11.4	31	43	17	
	378	HELWÂN	360	9	15	00	0	0	—	11.1	31	36	14	
Upper Egypt	381	FAIYÛM	360	5	35	02	0	0	—	11.6	34	27	12	
	387	MINYA	340	14	10	00	0	0	—	10.4	34	27	12	
	393	ASYÛT MANQABÂD	330	14	30	00	0	0	—	10.1	35	16	6	
	399	NAG' HAMMÂDI	270	2	35	00	0	0	—	9.0	34	36	17	
	402	QENA	290	2	50	00	0	0	—	8.8	39	17	10	
	405	LUXOR												
	414	ASWÂN	340	8	50	00	0	0	—	7.4	37	18	9	
Oases	417	SÎWA	90	4	14	00	0	0	—	13.1	36	18	8	
	420	BAHARÎYA	360	2	35	02	0	0	—	11.4	35	32	16	
	423	FARAFRA	360	1	35	02	0	0	—	11.8	35	15	5	
	432	DAKHLA	340	5	50	00	0	0	—	10.0	36	25	13	
	435	KHARGA	360	7	15	00	0	0	—	9.5	36	17	7	
Red Sea	450	SUEZ	310	7	50	01	0	0	—	9.5	32	34	14	
	459	TÛR	310	9	50	02	0	0	—	6.3	31	59	22	
	462	HURGHÂDA	20	18	30	00	0	0	—	6.3	28	70	22	
	465	QUSEIR	360	9	15	02	0	0	—	6.7	31	59	22	
	641	PORT SŪDÂN	20	13	30	03	1	5	Ci	6.4			23	
North Sudan	690	WÂDI HALFA	10	17	30	02	0	1	Cs	7.3	39	12	5	
	640	ABU HAMAD	340	8	30	03	0	2	Ci		40	10	2	
	660	KAREIMA												
	680	'ATBARA	20	10	30	01	2	3	Cs	2.9	42	10	4	
	721	KHARTÛM	50	4	30	01	2	6	Cs	2.5	43	13	9	
	730	KASSALA	90	2	30	03	0	2	Ci	1.7	42	14	9	
Central Sudan	751	WÂD MEDANI	50	5	35	02	1	4	ac	2.6	41	10	3	
	801	RENK	230	9	35	02	1	6	Cu		36	40	20	
	802	ROSEIRES												
	771	EL OBEID	00	0	30	02	1	7	Cu,Cs	4.7	37	13	5	
	760	EL FÂSHER												
	770	GENEINA												
S. Sudan	840	MALAKÂL	180	10	30	03	1	5	Cu,Ci	8.0	34	36	17	
	880	WÂU	210	3	30	02	2	7	Cb,ac	8.2	31	59	22	
	941	JUBA	50	5	30	50	8	8	Cu,ac	10.0	27	66	20	

At 1800 on Saturday 23rd

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALŪM	20	9	15	02	1	2	St	11.8	24	84	21	0
SÎDI BARÂNI	10	8	15	00	0	0	—	12.3	24	89	22	0
MATRÛH												
EL DABA	40	4	7	00	0	0	—	12.0	24	84	21	0
ALEXANDRIA	360	3	35	00	0	0	—	12.8	24	74	19	0
FOUAD (Airport)	340	5	12	02	0	0	—	12.5	24	74	19	0
DAMIETTA	320	5	7	00	0	0	—	12.7	24	84	21	0
PORT SA'ÎD	340	13	14	02	0	0	—	11.8	25	84	22	0
EL 'ARISH	320	2	15	02	0	0	—	11.9	25	70	19	0
DAMANHUR												
MANŞURA	360	3		00	0	0	—	12.7	26	62	18	0
TANTA	00	0	35	02	0	0	—	12.6	25	61	17	0
ZAGAZIG	320	1	35	02	1	0	—	11.8	26	62	18	0
ISMAÎLIA	360	2	35	01	0	0	—	11.9	26	55	16	0
FAROUK (Airport)	20	13	12	00	0	0	—	12.4	28	49	16	0
ALMÂZA	30	12	12	00	0	0	—	11.8	28	45	15	0
EZBEKÎYA	00	0	12	00	0	0	—	12.0	28	45	15	0
GÎZA	00	0	12	00	0	0	—	12.0	28	45	15	0
HELWÂN	360	11	15	02	0	0	—	11.4	29	37	13	0
FAIYÛM	360	6	35	02	0	0	—	12.2	30	35	13	0
MINYA	330	5	8	00	0	0	—	10.1	26	48	14	0
ASYÛT MANQABÂD	300	6	8	00	0	0	—	10.0	28	42	14	0
NAG' HAMMÂDI												
QENA	270	1	7	00	0	0	—	7.8	32	24	9	0
LUXOR												
ASWÂN	00	0	50	00	0	0	—	7.6	35	19	8	0
SÎWA	270	4	10	03	1	3	Cu	12.2	33	24	10	0
BAHARÎYA	00	0	15	02	0	0	—	11.8	29	46	16	0
FARAFRA	40	1	15	02	0	0	—	11.8	30	29	10	0
DAKHLA	320	11	50	00	0	0	—	11.6	31	31	12	0
KHARGA	360	1	15	00	0	0	—	10.3	31	22	7	0
SUEZ												
TÛR	290	5		02	0	0	—	6.3	28	70	22	0
HURGHÂDA	340	18	12	00	0	0	—	5.6	28	55	18	0
QUSEIR												
PORT SŪDÂN	310	7	30	02	0	0	—	6.2	31	55	21	0
WÂDI HALFA	340	10	30	02	0	0	—	7.3	33	19	6	0
ABU HAMAD	310	6	30	02	0	0	—		34	11	-1	0
KAREIMA	330	6	30	02	0	0	—	5.5	35	14	4	0
'ATBARA												
KHARTÛM	310	3	30	01	2	5	ac,Ci	2-7	37	16	7	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	2	0	—	4.8	31	22	7	0
EL FÂSHER	00	0	30	01	2	5	Cb,ac		31	19	5	0
GENEINA	230	8	30	13	8	8	Sc,Cu		27	55	17	dr.
MALAKÂL												
WÂU	00	0	30	13	8	4	Cb,ac	9.2	24	94	23	0.5
JUBA	00	0	30	01	8	7	ac	8.9	25	79	21	dr.

At 0600 on Sunday 24th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total from Oct. 1st.	Rainfall Normal from Oct. 1st.
SALUM	360	5	15	03	1	3	Sc,Cu	12.2	+0.4	25	31	+1	21	+1	74	20	0	91	
SÎDI BARÂNI	20	16	15	01	1	1	Sc	12.1		24	27		20		79	20	0	108	
MATRÛH	330	2	18	00	0	0	—	12.8	+0.8	25			18		74	20	0	51	
EL DABA	00	0	15	00	0	0	—			27	29		17		62	19	0	54	
ALEXANDRIA	360	5	Sa	00	0	0	—	12.4	+0.7	25	28	-1	21	0	74	20	0	63	186
FOUAD (Airport)	310	18	01	4	2			12.3		25	28		18		74	20	0	63	138
DAMIETTA	200	2	7	03	1	4	Cu	12.2	+1.7	25	28	-1	19	-1	74	20	0	Rain	106
PORT SA'ÎD	00	0	14	02	0	2	Cu	11.9	+1.6	27	27		23		66	20	0	18	
EL 'ARISH	240	3	30	02	1	4	Cu	11.1	+0.7	26	28	-1	20	+2	70	20	0	Rain	94
DAMANHÛR	270	5	15	02	0	1	Cu	13.0	+2.2	26			20	+1	66	19	0	35	101
MANŞURA	360	3	35	00	0	0	—	12.6	+1.7	27	33	-1	19	0	70	21	0	31	55
TANTA	00	0	35	02	0	0	—	12.1	+1.1	25	32	-3	17	-1	70	19	0	23	44
ZAGAZIG	40	1	35	02	0	0	—	11.8	+0.8	26	34	-1	19	+1	70	20	0	Rain	27
ISMAÎLIA	140	2	35	01	0	0	—	11.8		26	33		21		74	21	0	17	
FAROUK (Airport)	40	6	15	00	0	0	—	12.3		28	34		21		45	15	0	Rain	
ALMÂZA	70	6	14	00	0	0	—	11.7	+0.6	28	33		21		40	13	0	12	
EZBEKÎYA	00	0	12	00	0	0	—	11.9	+0.9	28	33	-2	21	+1	55	18	0	11	26
GÎZA	00	0	12	00	0	0	—	11.6	+0.5	27	33	-2	17	-1	55	17	0	11	27
HELWÂN	320	3	15	00	0	0	—	11.6	+0.7	27	33	-2	20	0	46	16	0	12	29
FAIYÛM	360	2	35	02	0	0	—	11.8	+1.1	27	35	-1	20	0	55	17	0	8	8
MINYA	50	4	8	00	0	0	—	11.6	+1.1	26	34		18		55	16	0	3	
ASYÛT MANQABÂD	320	5	10	00	0	0	—	11.5	+1.8	26	36		21		51	15	0	dr.	
NAG' HAMMÂDI	270	2	15	00	0	0	—	10.6	+2.2	28			20	0	52	17	0	0.1	
QENA	320	2	15	00	0	0	—	9.5	+1.6	30	40	-1	23	-1	35	13	0	2	
LUXOR	320	4	30	00	0	0	—	9.2	+1.1	31			23		28	10	0	0	
ASWÂN	360	4	50	00	0	0	—	9.5	+1.5	31	39	-3	25	-1	31	12	0	0	
SÎWA	90	3	14	03	0	1		11.9	-1.2	29	37	-1	22	+2	31	10	0	1	8
BAHARÎYA	00	0	35	02	0	0	—	12.2	+0.8	31	36	0	21	+2	49	19	0	dr	7
FARAFRA	220	1	35	02	0	0	—	11.1		29	37		23		33	11	0	dr	
DAKHLA	20	8	50	00	0	0	—	12.3	+1.9	30	36	-3	24	+1	40	15	0	0	
KHARGA	360	2	15	00	0	0	—	11.5	+2.7	29	37	-2	25	+2	35	12	0	0	
SUEZ	310	4	50	00	0	0	—	10.7	+0.7	24			20	-2	61	16	0	5	17
TÛR	310	9	7	02	0	0	—	8.0	+0.4	27	32	-1			55	17	0	4	13
HURGHADA	340	17	30	00	0	0	—	8.3	+0.3	27	30		23		55	17	0	8	
QUSEIR	360	13	15	02	0	0	—	8.7	+1.1	29			25	-1	52	18	0	Tr.	4
PORT SŪDÂN	340	10	30	03	1	4	ac,Ci	7.9		35	39		25		47	22	0	153	97
WÂDI HALFA	360	13	30	02	0	0	—	9.7		29	40		22		25	7	0	dr.	
ABU HAMAD	350	17	8	07	0	0	—			32	41		26		17	4	0		
KAREIMA	20	10	30	02	0	0	—	8.3		33	43		28		19	6	0	dr.	2
'ATBARA	360	19	4	07	2	8	Cs	5.8		33	43		27		12	0	0	25	8
KHARTÛM	90	3	30	03	0	8	ac,Cs	8.1		33	43		28		23	9	0	8	14
KASSALA	180	8	15	03	1	2	ac	6.5		31	43		26		38	15	0	16	44
WÂD MEDANI																			50
RENK																			150
ROSEIRES	230	9	15	02	1	6		9.7		28	37		26		52	17	0	55	209
EL OBEID	260	14	30	01	1	1	as	8.1		29	39		27		49	17	0	71	63
EL FÂSHER	10	2	30	02	2	7	ac,Cs				38		21			10	0	20	28
GENEINA											35								66
MALAKÂL	180	6	30	03	2	7	Sc,as	11.9		25	34		24		74	20	0	198	298
WÂU	210	8	30	02	2	7	ac,Cs	11.7		23	32		21		84	20	0.5	339	499
JUBA	00	0	30	03	2	8	Cb,ac	13.5		23	32		20		84	20	dr.	423	579

HUMIDITY %

Mean of day

Station	on 23rd	Diff. from normal
Alexandria	74	+1
Ezbekiya	52	-4
Giza	53	-2
Helwân	50	+7

GÎZA

GRASS MINIMUM TEMP. ON 24th 14.2 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks .....

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 23rd

Height m.	El Arish Dir.	El Arish Vel.	Matruh Dir.	Matruh Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Suwa Dir.	Suwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	J. Barrani Dir.	J. Barrani Vel.	Port Said Dir.	Port Said Vel.
Time	14		14		14		14		14		14		14		14		14		14		20	
300	330	17	350	12	340	14	350	26	310	23	360	15	330	11	20	16	350	30	50	11	320	16
600	320	15	230	14	330	16	360	29	320	27	10	14	330	11	20	25	350	26	330	8	320	16
1000	290	12	250	13	320	26	340	18	330	23	20	28	340	8	10	28	350	20	300	10	320	19
1500	290	10	150	13	330	18	320	16	350	22	360	30	340	10			320	25	280	14	340	16
2000	260	6	160	21	350	19					320	7					290	29				
3000					310	13					190	6					300	18				
4000					340	10					50	2										
5000																						
6000																						
7000																						
8000																						

UPPER WIND OBSERVATIONS on 24th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Sa'îd Dir.	Port Sa'îd Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabâd Dir.	Asyut Manqabâd Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	[illegible] Dir.	[illegible] Vel.
Time	8		4		8		2						8		8				8					
300	360	5	290	5	350	6	340	3					350	6	340	16			360	10				
600	340	3	220	2	320	6	350	3					10	6	360	9			340	13				
1000	240	5	250	5	290	10	340	3					10	8	30	10			340	13				
1500	260	10	300	10	300	18	340	8					10	9	360	36			330	7				
2000	290	12	280	15	320	23	350	24					10	12	10	34			310	5				
3000	290	18	260	18											350	11								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	Sîwa Dir.	Sîwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8				8		8				4		4											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	200	14			340	18	360	14																
600	190	16			10	15	360	16			10	32	10	24										
1000	260	16					360	16			10	26	10	23										
1500	280	19					20	14			270	4	20	25										
2000	290	18																						
3000	290	16									260	10	260	9										
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

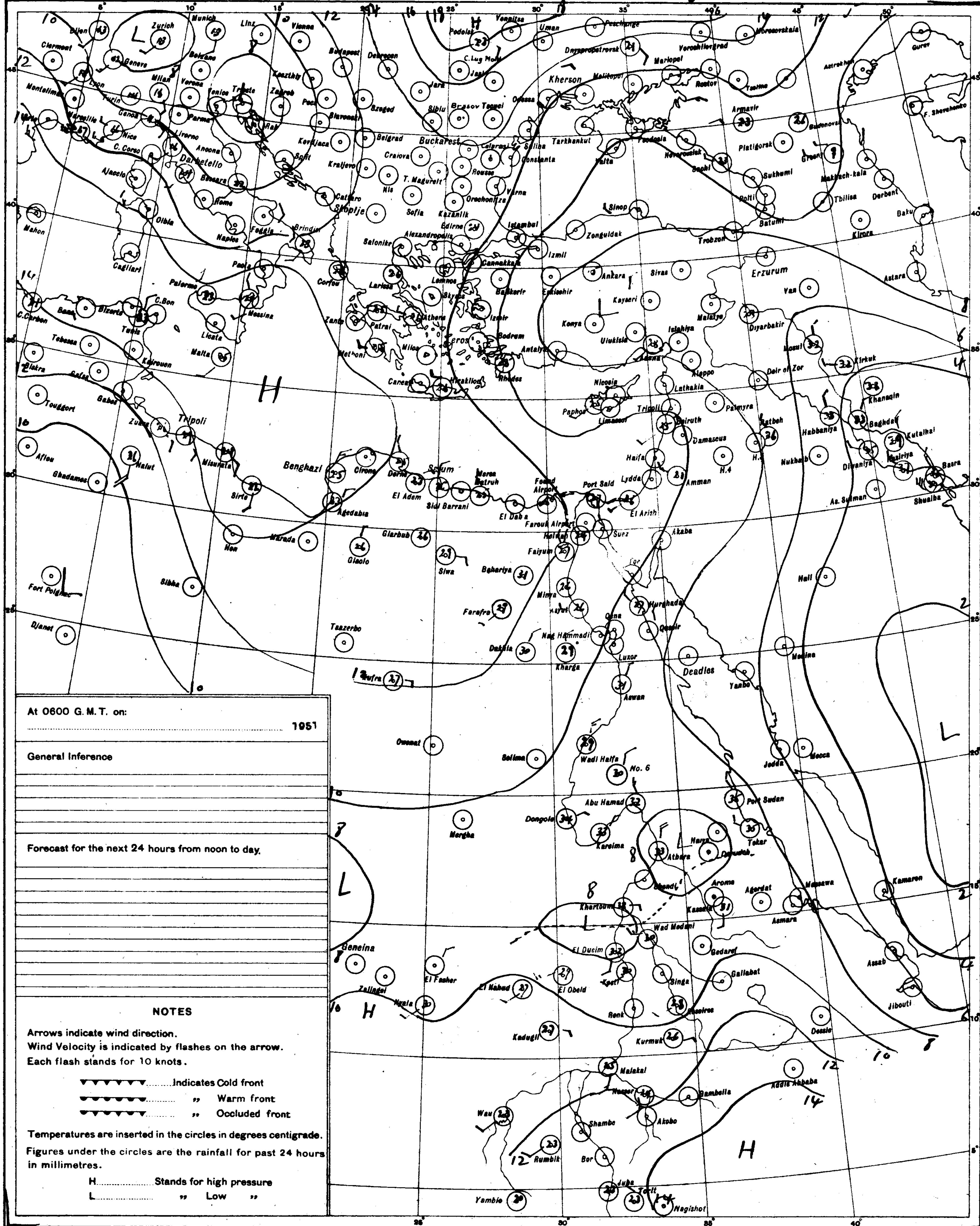
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (45/537)-(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Sunday 24. 6 1951



At 0600 G. M. T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼ .... Indicates Cold front
▼▼▼▼▼▼▼ .... ,, Warm front
▼▼▼▼▼▼▼ .... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	○
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	∽
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	ε
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	═
	Shallow fog	12	--
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(Ꝁ)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	▽]
	,, ,, hail	27	▽]
	Fog	28	≡]
	Thunderstorm	29	Ꝁ]
	Duststorm or Sandstorm	31	S
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	▽
	,, ,, hail	87	▽
Rain	Thunderstorm during the past hour	91	Ꝁ]•
Hail		93	Ꝁ]△
	Thunderstorm with rain	95	Ꝁ
	,, ,, hail	96	Ꝁ
	,, ,, Sandstorm	98	Ꝁ

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	○
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	▽
Thunderstorm with or without rain	9	Ꝁ

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO

Time of Sunrise 02 55 G.M.T.

" " Sunset 16 59 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7.F.

DAILY WEATHER REPORT

Date: Monday 25th June, 1951

At 1200 on Sunday 24th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
MEDITERRANEAN	62300	SALÛM	20	9	18	00	0	0	—	12.3	27	62	19
	303	SÎDI BARÂNI	10	6	18	00	0	0	—	12.7	25	74	20
	306	MATRÛH	30	4	18	00	0	0	—	12.9	27	66	20
	309	EL DABA	40	4	35	00	0	0	—		29	52	18
		ALEXANDRIA	360	15	50	00	0	0	—	12.8	27	62	19
	318	FOUAD (Airport)	340	10	18	02	0	0	—	12.7	27	62	19
	330	DAMIETTA	340	5	35	00	0	0	—	12.4	26	70	20
	333	PORT SA'ÎD	330	15	30	01	0	1	Cu	12.1	26	74	21
	336	EL 'ARISH	320	8	30	00	0	0	—	11.0	27	62	19
LOWER EGYPT	339	DAMANHUR	40	9	15	02	0	0	—	12.6	30	59	21
	342	MANSURA	320	5	35	00	0	0	—	12.3	32	38	16
	348	TANTA	00	0	35	01	1	2	Cu	12.3	32	43	18
	354	ZAGAZIG	320	1	50	02	0	0	—	11.4	33	44	19
	440	ISMA'ÎLÎA	320	2	35	03	1	4	Cu	11.0	34	32	15
CAIRO AREA	366	FAROUK (Airport)	340	5	14	00	0	0	—	11.9	33	41	18
	372	ALMAZA	360	9	15	00	0	0	—	11.2	32	34	14
		EZBEKÎYA	00	0	18	00	0	0	—	11.5	33	32	14
		GÎZA	00	0	18	00	0	0	—	11.4	33	30	13
	378	HELWÂN	290	13	15	02	0	0	—	11.1	33	24	10
UPPER EGYPT	381	FAIYÛM	360	5	35	02	0	0	—	11.5	35	23	11
	387	MINYA	350	8	10	00	0	0	—	10.4	35	22	10
	393	ASYÛT MANQABÂD	340	14	18	00	0	0	—	9.3	37	14	6
	399	NAG' HAMMÂDI	270	4	35	00	0	0	—	8.3	36	25	13
	402	QENA	360	2	50	00	0	0	—	7.0	40	12	6
	405	LUXOR											
	414	ASWÂN	320	4	50	00	0	0	—	6.7	38	16	8
OASES	417	SÎWA	360	12	14	00	0	0	—	11.5	38		
	420	BAHARÎYA	360	3	35	02	0	0	—	10.8	38	27	16
	423	FARAFRA	360	1	35	02	0	0	—	11.5	37	11	2
	432	DAKHLA	20	15	50	00	0	0	—	10.3	36	13	3
	435	KHARGA	360	9	15	00	0	0	—	8.0	37	14	6
RED SEA	450	SUEZ	360	5	50	03	0	1	Cu	9.6	34	41	19
	459	TÛR	310	19	50	02	0	0	—	8.2	35	42	20
	462	HURGHÂDA	10	15	30	00	0	0	—	6.8	30	55	20
	465	QUSEIR	20	13	15	02	0	0	—	6.6	31	52	20
	641	PORT SÛDÂN	50	16	30	02	0	2	ac, Ci	5.1	35	56	25
NORTH SÛDÂN	600	WÂDI HALFA	340	23	30	02	0	0	—	7.3	39	16	9
	640	ABU HAMAD											
	660	KAREIMA	340	15	30	02	0	0	—	5.1	41	13	7
	680	'ATBARA	330	6	30	03	2	8	ac, Cs	3.0	42	9	2
	721	KHARTÛM	70	3	30	01	2	7	Ci	3.6	41	16	10
	730	KASSALA											
CENTRAL SÛDÂN	751	WÂD MEDANI	310	9	35	02	2	3	Cu	3.5	40	14	8
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	350	8	30	03	0	5	Cu, ac	5.4	37	25	14
	760	EL FÂSHER	40	4	30	01	2	6	Cu, Cs		37	19	10
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL	200	8	30	03	2	8	Cu, Sc, ac	9.9	32	41	17
	880	WÂU	250	1	30	17	2	1	Cb, Ci	9.0	31	55	21
	941	JUBA	320	5	30	03	2	7	Cb, ac	8.8	32	46	19

At 1800 on Sunday 24th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms
SALÛM	40	5	15	00	0	0	—	13.0	25	61	17	0
SÎDI BARÂNI												
MATRÛH	20	2	14	00	0	0	—	12.8	24	89	22	0
EL DABA												
ALEXANDRIA	360	5	35	00	0	0	—	12.7	24	74	19	0
FOUAD (Airport)	350	10	18	00	1	0	—	12.2	24	74	19	0
DAMIETTA	320	5	7	02	0	1	Cu	12.3	24	84	21	0
PORT SA'ÎD	330	13	15	02	0	0	—	11.7	25	79	21	0
EL 'ARISH	340	8	12	00	0	0	—				20	0
DAMANHUR	40	5	15	02	0	0	—	13.1	26	74	21	0
MANSURA	360	3		00	0	0	—	12.7	26	55	16	0
TANTA	00	0	35	00	0	0	—	12.3	25	70	19	0
ZAGAZIG	320	1	35	02	0	0	—	11.8	27	62	19	0
ISMA'ÎLÎA	360	2	35	01	0	0	—	11.6	27	55	17	0
FAROUK (Airport)	20	11	12	00	1	0	—	12.2	29	49	17	0
ALMAZA	40	12	12	00	0	0	—	11.4	29	40	14	0
EZBEKÎYA	360	4	12	00	0	0	—	11.6	29	46	16	0
GÎZA	360	4	12	00	0	0	—	11.4	29	46	16	0
HELWÂN	360	8	15	02	0	0	—	11.0	30	38	14	0
FAIYÛM	00	0	35	02	0	0	—	11.5	31	38	15	0
MINYA	360	3	8	00	0	0	—	9.6	28	40	13	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	9.9	30	29	10	0
NAG' HAMMÂDI	270	2	15	00	0	0	—	8.7	29	31	10	0
QENA	340	2	7	00	0	0	—	8.5	35	12	1	0
LUXOR	340	4	12	00	0	0	—	6.8	34	8	-5	0
ASWÂN	360	3	50	00	0	0	—	7.1	36	13	4	0
SÎWA	00	0	10	03	0	1	Cu	11.1	33	28	12	0
BAHARÎYA	320	3	15	02	0	0	—	11.0	33	34	15	0
FARAFRA	320	1	15	02	0	0	—	10.6	33	16	4	0
DAKHLA	320	11	50	00	0	0	—	12.2	31	28	10	0
KHARGA	00	0	15	00	0	0	—	9.6	32	20	6	0
SUEZ	00	0	35	01	0	0	—	10.4	27	52	16	0
TÛR	360	19		02	0	0	—	6.2	29	49	17	0
HURGHÂDA	330	22	30	00	0	0	—	6.3	30	43	16	0
QUSEIR	360	9	15	02	0	0	—	6.6	29	59	20	0
PORT SÛDÂN	310	6	30	01	1	2	Ci	5.7	31	66	24	0
WÂDI HALFA	340	11	30	03	0	2	Cs	7.6	33	21	8	0
ABU HAMAD	310	2	30	02	0	0	—		33	11	-1	0
KAREIMA	340	6	30	02	0	0	—	6.3	35	13	3	0
'ATBARA												
KHARTÛM	320	4	30	01	1	4	Cs	3.6	37	20	11	0
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	110	2	30	13	2	6	Sc, Cu		32	17	4	0
EL FÂSHER	30	9	30	13	1	5	Sc, Cu		31	27	11	0
GENEINA												
MALAKÂL	140	10	30	17	2	8	Cb	10.5	25	70	19	0
WÂU	20	1	30	13	8	6	Cb, ac	11.3	24	89	22	dr.
JUBA	180	2	30	02	2	3	Cb, ac	11.1	24	69	18	0

At 0600 on Monday 25th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	320	5	15	00	0	0	—	13.3	+1.6	26	28	-2	21	+1			0	91	
SÎDI BARÂNI																			
MATRÛH	270	7	14	03	0	1	Sc	13.1	+1.2	25	28		19		74	20	0	51	
EL DABA																			
ALEXANDRIA	270	21	50	00	0	0	—	12.2	+0.6	25	28	-1	22	+1	74	20	0	63	186
FOUAD (Airport)	290	8	18	02	0	0	—	11.6		27	29		19		66	20	0	63	138
DAMIETTA	250	2	15	00	0	0	—			26	28	-1	20	0	70	20	0	Rain	106
PORT SA'ÎD	210	9	18	01	0	1	Cu	10.8	+0.6	26	29		23		62	18	0	18	
EL 'ARISH	240	6	30	01	2	3	Sc	10.5	+0.2	26	29	0	20	+1	66	19	0	Rain	44
DAMANHÛR	310	5	15	02	0	0	—	11.8	+1.1	27	31	-1	19	0	70	21	0	35	101
MANSÛRA	270	3	35	00	0	0	—	12.6	+1.8	27	33	-2	19	0	62	19	0	31	55
TANTA	270	2	35	02	0	0	—	12.2	+1.3	26	33	-2	18	0	62	18	0	23	44
ZAGAZIG	220	1	35	02	0	0	—	11.8	+0.9	26	35	0	19	+1	66	19	0	Rain	27
ISMA'ÎLÎA	340	2	35	03	1	3	ac	11.8		27	35		22		62	19	0	17	
FAROUK (Airport)	20	5	13	00	0	0	—	12.8		24	34		21		74	20	0	Rain	
ALMAZA	70	8	12	00	0	0	—	11.9	+1.0	25	34		21		54	15	0	12	
EZBEKÎYA	360	4	12	00	0	0	—	12.2	+1.3	26	34	-1	22	+2	58	17	0	11	26
GÎZA	360	4	12	00	0	0	—	11.9	+0.9	26	34	-1	18	0	62	18	0	11	27
HELWÂN	340	8	15	00	0	0	—	11.9	+1.1	26	34	-1	21	0	48	14	0	12	29
FAIYÛM	360	6	35	02	0	0	—	11.8	+1.2	27	36	0	21	+1	55	17	0	6	8
MINYA	340	5	8	00	0	0	—	11.4	+1.6	26	36		18		62	18	0	3	
ASYÛT MANQABÂD	330	4	12	00	0	0	—	11.3	+1.7	28	38		23		45	15	0	dr.	
NAG' HAMMÂDI	00	0	18	00	0	0	—	10.6	+2.2	29	38	0	21	+1	52	18	0	0.1	
QENA	360	1	15	00	0	0	—	10.2	+2.4	32	41	0	24	0	34	14	0	2	
LUXOR	220	3	30	00	0	0	—	9.7	+1.7	32	40		22		29	12	0	0	
ASWÂN	340	7	50	00	0	0	—	9.9	+1.9	32	39	-3	26	0	28	11	0	0	
SÎWA	20	5	14	00	0	0	—	13.9	+0.8	27	40	+2	22	+2	42	13	0	1	8
BAHARÎYA	40	2	35	02	0	0	—	12.4	+1.1	29	38	+2	23	+4	52	18	0	dr	7
FARAFRA	40	1	35	02	0	0	—	11.8		28	39		23		22	4	0	dr.	
DAKHLA	00	0	50	00	0	0	—	12.6	+2.2	31	37	-2	22	-1	31	12	0	0	
KHARGA	00	0	35	00	0	0	—	10.7	+2.0	34	38	-1	26	+3	32	15	0	0	
SUEZ	360	3	50	00	0	0	—	10.7	+0.8	25	35	0	20	-2	61	17	0	5	17
TÛR	290	19	7	02	0	0	—	8.2	+0.7	27	37	+3	25	+1	62	19	0	4	13
HURGHADA	320	13	30	00	0	0	—	7.8	-0.1	29	30		24		52	18	0	8	
QUSEIR	360	9	15	02	0	0	—	7.7	+0.2		31	-2					0	dr.	4
PORT SÛDÂN											38								97
WÂDI HALFA	360	8	30	03	1	5	Cs	9.6		29	40		23		33	11	0	dr.	
ABU HAMAD	350	11	30	03	1	5	Cs			33	42		24		10	-2	0		
KAREIMA											43								2
'ATBARA																			8
KHARTÛM	240	9	30	03	1	7	Cs	8.3		31	42				43	17	dr.	8	14
KASSALA	200	20	30	03	0	7	Cs	9.9		29	41		24		49	17	0	16	46
WÂD MEDANI																			52
RENK																			153
ROSEIRES	130	9	35	02	2	7	as	12.2		25	36		22		70	19	12	67	244
EL OBEID	260	15	30	01	1	2	ac	11.7		27	39		23		55	17	0	71	64
EL FÂSHER	140	4	30	01	2	4	ac, Ci			28	38		24		29	8	0	20	29
GENEINA																			68
MALAKÂL	160	11	30	21	6	8		12.2		23	33		20		84	20	2	200	303
WÂU											32								505
JUBA	00	0	30	01	2	4	ac	14.4		23	33		20		84	30	0	423	584

HUMIDITY % Mean of day

Station	on 24th	Diff. from normal
Alexandria	70	-3
Ezbeklya	49	-7
Giza	48	-7
Helwân	43	0

GÎZA GRASS MINIMUM TEMP. ON 25th 16.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT, On 24th At 15h.

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	32	34	340	10
950					
900					
850	1523	16	56	340	10
800					
700	3145	6	29	310	20
600					
500	5833	-6		260	30
400	7552	-15		250	42
300	9660	-30		250	42

RAWINSONDE — AIRPORT, On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT, On ... At ...

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 24th

Height m.	Port Said Dir.	Vel.	Minya Dir.	Vel.	Asyut Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Hurghada Dir.	Vel.	Sîwa Dir.	Vel.	Port Said Dir.	Vel.	Minya Dir.	Vel.
Time	14		14		14		14		14		14		14		20		20	
300	330	13	10	16	360	23	350	18	360	21	340	35	290	10	330	12	40	20
600	330	19	10	18	360	30	350	17	360	24	340	30	280	9	340	11	40	21
1000	320	21	20	22	360	23	340	9	10	25	330	26	260	12	360	8	30	24
1500	280	21	30	7	350	23					320	26	280	16	10	7	20	18
2000	300	38			350	25					320	28	300	11	320	9	360	16
3000													20	10				
4000													310	17				
5000																		
6000																		
7000																		
8000																		

UPPER WIND OBSERVATIONS on 25th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Dir.	Vel.	Fouad Airport Dir.	Vel.	Port Said Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.	Dir.	Vel.
Time	8		4				2				7 45		2											
300	310	14	300	16			280	10			350	5	10	8										
600	290	5	350	20			300	7			360	6	30	10										
1000	280	6	360	17			310	10			340	15	330	7										
1500			350	17			310	14			330	11	330	11										
2000											310	15												
3000											310	16												
4000																								
5000																								
6000																								
7000																								
8000																								

Height m.	Sîwa Dir.	Vel.	Bahariya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Dir.	Vel.	Kareima Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Dir.	Vel.	Malakâl Dir.	Vel.
Time	8								3		4		4				4						4	
300	70	18							30	15														
600	60	24							20	25	360	20	360	28			190	25					240	12
1000	20	16							20	29	10	27	10	27			200	18					240	9
1500	30	7							10	29	10	25	340	13			250	20					250	8
2000	310	14																					150	8
3000	300	21							10	18	340	15	270	13			330	4					70	19
4000	330	21							350	11														
5000									130	1			190	18										
6000									230	12														
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

Note: All times are G.M.T.

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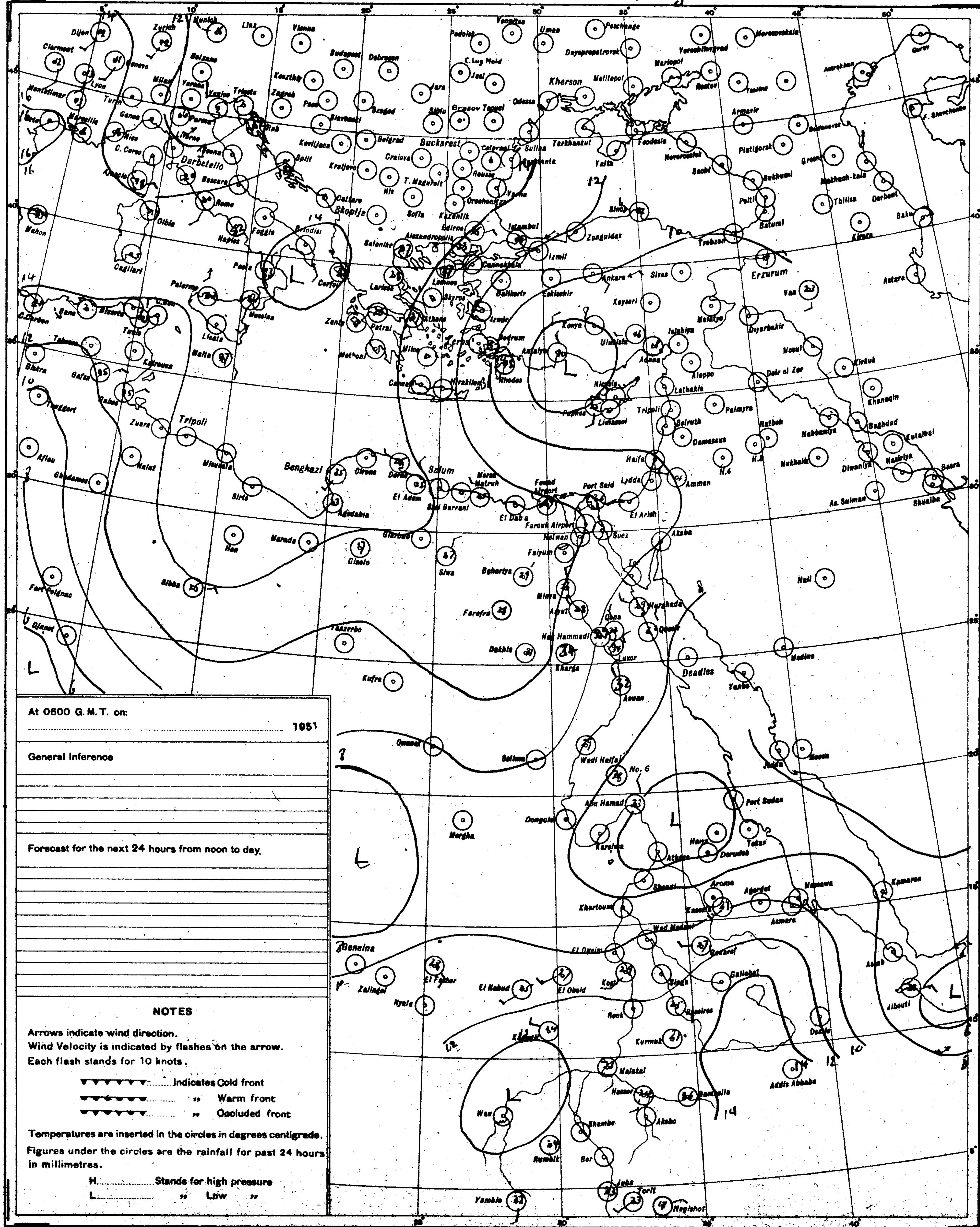
Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Monday 25 . 6 1951



At 0600 G. M. T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼........Indicates Cold front
▼▼▼▼▼▼▼........ ,, Warm front
▼▼▼▼▼▼▼........ ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

	Cloudless	00	○
	Clouds dissolving	01	○
	State of sky generally unchanged	02	-○-
	Clouds developing	03	○
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	(S)
	Mist	10	=
	Shallow fog	12	
	Lightning, no thunder heard	13	<
	Precipitation within sight	16	(•)
	Thunder, no precipitation	17	(R)
During past hour and not at time of observation	Squalls	18	▽
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	≡]
	Thunderstorm	29	R]
	Duststorm or Sandstorm	31	
	Fog	45	≡
	Drizzle	50	,
	Rain	60	•
	Showers of rain	80	
	,, ,, hail	87	
Rain	Thunderstorm during	91	R]•
Hail	the past hour	93	R]△
	Thunderstorm with rain	95	
	,, ,, hail	96	
	,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

G of E 1949(49/567)(50/531)

SCALE 1:15,000,000

CAIRO
Time of Sunrise 02 55 G.M.T.
" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Tuesday 26th June, 1951

At 1200 on Monday 25th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALÛM	360	13	35	00	0	0	—	13.1	29	59	20
	303	SÎDI BARÂNI	330	11	18	02	0	1	Cu	13.8	27	70	21
	306	MATRÛH	330	13	18	00	0	0	—	13.2	27	79	23
	309	EL DABÂ	320	7	35	00	0	0	—	12.5			20
		ALEXANDRIA	270	16	50	00	0	0	—	12.2	26	74	21
	318	FOUAD (Airport)	290	13	18	02	0	0	—	11.8	29	59	20
	330	DAMIETTA	340	9	35	02	0	0	—	11.9	28	58	19
	333	PORT SA'ÎD	340	16	30	02	0	0	—	10.6	27	70	21
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR											
	342	MANSURA	320	9	35	00	0	0	—	10.6	34	36	17
	348	TANTA	310	8	35	01	1	1	Cu	11.0	33	38	17
	354	ZAGAZIG	320	2	35	03	1	5	Cu	11.4	34	41	19
	440	ISMA'ÎLÎA	360	5	35	03	1	3	ac	10.8	33	38	17
Cairo Area	366	FAROUK (Airport)	290	12	30	03	0	1	Cu	11.7	32	34	14
	372	ALMÂZA	320	12	15	00	0	0	—	10.9	32	34	14
		EZBEKÎYA	310	6	18	02	1	2	Cu, Ci	11.1	32	36	15
		GÎZA	310	6	18	02	1	2	Cu, Ci	10.8	32	34	14
	378	HELWÂN											
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	11.5	34	27	12
	387	MINYA	330	13	10	00	0	0	—	10.4	35	22	10
	393	ASYÛT MANQABÂD			30	00	0	0	—	9.9	36	20	10
	399	NAG' HAMMÂDI	290	4	35	00	0	0	—	9.3	36	29	15
	402	QENA	270	2	50	00	0	0	—	7.6	40	12	6
	405	LUXOR	340	16	30	00	0	0	—	6.9	40	10	2
	414	ASWÂN	20	7	50	00	1	2	Ci	7.1	39	14	7
Oases	417	SÎWA	350	12	14	00	0	0	—	13.2	36	20	10
	420	BAHARÎYA	360	2	35	02	0	0	—	12.1	36	29	15
	423	FARAFRA	340	1	35	02	0	0	—	12.3	39	17	10
	432	DAKHLA	320	5	50	00	0	0	—	9.8	39	21	13
	435	KHARGA	320	4	35	00	0	1	Cu	9.4	38	16	8
Red Sea	450	SUEZ	360	8	50	01	0	1	Cu	8.8	33	34	15
	459	TÛR	340	19	50	02	0	0	—	6.7			
	462	HURGHÂDA	20	20	30	00	0	0	—	5.8	30	49	18
	465	QUSEIR	20	9	15	02	0	0	—	6.6	32	56	22
	641	PORT SÛDÂN	50	14	30	01	2	1	Ci	5.8	34	63	26
North Sudan	600	WÂDI HALFA	350	15	30	01	2	6	Cs	7.1	39	23	12
	640	ABU HAMAD	340	3	30	03	1	8	Cs		42	7	-1
	660	KAREIMA											
	680	'ATBARA	340	10	30	02	2	8	Cs	3.8	42	8	1
	721	KHARTÛM	360	6	30	02	2	8	Cs	5.4	41	10	3
	730	KASSALA											
Central Sudan	751	WÂD MEDANI	230	9	35	02	2	8	Ci	5.0	38	18	10
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID											
	760	EL FÂSHER											
	770	GENEINA											
S. Sudan	840	MALAKÂL	270	2	30	01	2	8	ac, ac	11.0	31	49	19
	880	WÂU											
	941	JUBA	50	5	30	03	1	6	ac, ac	9.0	33	44	19

At 1800 on Monday 25th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALÛM	320	13	15	00	0	0	—	13.8	26	55	16	0
SÎDI BARÂNI	310	10	15	00	0	0	—	13.2	24	94	23	0
MATRÛH	300	9	14	00	0	0	—	13.2	24	95	24	0
EL DABÂ	320	8	7	00	0	0	—		24	84	21	0
ALEXANDRIA	310	16	35	00	0	0	—	12.4	24	84	21	0
FOUAD (Airport)	320	11	15	02	0	0	—	12.1	25	74	20	0
DAMIETTA	340	5	7	03	0	1	Cu	11.3	29	59	20	0
PORT SA'ÎD	340	15	14	03	0	1	Sc	11.1	26	74	21	0
EL 'ARISH												
DAMANHUR	320	5		00	0	0	—	11.9	27	62	19	0
MANSURA	00	0	35	02	0	0	—	11.7	25	74	20	0
TANTA	320	1	35	02	1	0	—	12.3	27	58	18	0
ZAGAZIG	360	2	35	01	0	0	—	10.8	28	62	20	0
ISMA'ÎLÎA												
FAROUK (Airport)	340	10	12	00	0	0	—	11.8	29	43	15	0
ALMÂZA			12	02	0	0	—	11.2	29	43	15	0
EZBEKÎYA	00	0	12	00	0	0	—	11.9	28	49	16	0
GÎZA	00	0	12	00	0	0	—	11.9	28	45	15	0
HELWÂN	340	9	15	02	0	0	—	11.4	29	40	14	0
FAIYÛM	360	6	35	02	0	0	—	12.9	31	31	12	0
MINYA	360	5	8	00	0	0	—	10.4	27	45	14	0
ASYÛT MANQABÂD	00	0	8	00	0	0	—	10.4	30	31	11	0
NAG' HAMMÂDI	340	4	15	00	0	0	—	9.9	31	31	12	0
QENA	270	3	7	00	0	0	—	9.1	34	18	6	0
LUXOR	320	5	12	00	0	0	—	8.6	33	21	8	0
ASWÂN	360	3	50	00	0	0	—	8.2	36	17	7	0
SÎWA	40	9		00	0	0	—	12.7	34	19	7	0
BAHARÎYA	00	0	15	02	0	0	—	11.8	30	25	8	0
FARAFRA	360	1	15	02	0	0	—	11.2	33	16	4	0
DAKHLA	320	11	50	00	0	0	—	13.0	34	22	9	0
KHARGA	00	0	15	00	0	0	—	9.8	35	19	8	0
SUEZ	360	5	35	01	0	0	—	10.3	27	70	21	0
TÛR	340	19		02	0	0	—	7.2	31			0
HURGHÂDA	360	20	12	00	0	0	—	6.2	29	55	19	0
QUSEIR	360	9	15	02	0	0	—	6.9	30	40	15	0
PORT SÛDÂN	340	8	30	02	0	0	—	7.3	32	66	25	0
WÂDI HALFA												
ABU HAMAD	360	3	30	02	1	0	—		35	15	5	0
KAREIMA	320	6	30	01	1	3	Ci	6.8	35	18	7	0
'ATBARA	310	5	30	03	2	6	ac, Ci	5.0	36	14	5	0
KHARTÛM	310	7	30	02	2	8	Cs	5.4	37	27	15	0
KASSALA	160	2	30	02	2	0	—	6.8	29	43	15	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	1	0	—	6.6	33	23	9	0
EL FÂSHER	00	0	30	03	1	5	ac, Ci		31	26	9	0
GENEINA	300	5	30	13	1	6	Sc, Cu		31	28	10	0
MALAKÂL												
WÂU												
JUBA	00	0	30	13	2	6	Cb, ac	9.9	27	66	20	0

At 0600 on Tuesday 26th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALÛM	340	13	15	00	0	0	—	13.6	+2.0	29	30	0	23	+3	40	14	0	91	
SÎDI BARÂNI	360	13	18	00	0	0	—	13.6		26	27		22		70	20	0	108	
MATRÛH	300	14	15	00	0	0	—	13.3	+1.5	26	28		23		79	22	0	51	
EL DABÂ	320	12	15	00	0	0	—	12.6		25	29		21		84	22	0	54	
ALEXANDRIA	310	14	50	00	0	0	—	11.6	+0.2	25	28	-1	23	+1	84	22	0	63	186
FOUAD (Airport)	290	11	18	01	1	2	Sc	11.4		26	30		22		74	21	0	63	138
DAMIETTA	320	5	7	03	1	5	Cu	11.6	+1.3	26	29	0	20	-1	70	20	0	Rain	106
PORT SA'ÎD	250	9	14	02	0	1	Sc	11.2	+1.2	26	30		23		79	22	0	18	
EL 'ARISH																			94
DAMANHUR	310	9	15	02	1	1	Cu	12.3	+1.7	26			20	+1	70	20	0	35	101
MANSURA	270	3	35	00	0	0	—	12.0	+1.3	27	34	-1	20	+1	70	21	0	31	55
TANTA	310	2	35	02	0	0	—	12.4	+1.6	26	33	-2	18	0	74	21	0	23	44
ZAGAZIG	320	2	50	02	0	0	—	11.5	+0.7	27	36	+1	19	+1	70	21	0	Rain	27
ISMA'ÎLÎA	340	3	35	01	0	0	—	11.5		27	34		22		55	17	0	17	
FAROUK (Airport)	290	10	12	00	0	0	—	12.7		26	34		22		66	19	0	Rain	
ALMÂZA	300	8	14	00	0	0	—	12.1	+1.3	26	33		22		55	16	0	12	
EZBEKÎYA	00	0	12	00	0	0	—	12.3	+1.5	28	34	-1	22	+2	52	17	0	11	26
GÎZA	00	0	12	00	0	0	—	12.2	+1.3	27	34	-1	19	+1	55	17	0	11	27
HELWÂN	00	0	15	01	0	0	—	12.6	+1.9	24	34	-1	21	0	74	19	0	12	29
FAIYÛM	00	0	35	02	0	0	—	12.5	+2.0	27	36	0	21	+1	70	21	0	8	8
MINYA	340	5	8	00	0	0	—	12.7	+3.0	26	36		19		62	18	0	3	
ASYÛT MANQABÂD	280	3	12	00	0	0	—	12.3	+2.8	26	37		22		51	15	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	12.0	+3.7	28	37	-1	20	0	66	21	0	0.1	
QENA	320	2	15	00	0	0	—	10.8	+3.1	31	41	0	24	0	38	15	0	2	
LUXOR	360	3	30	00	0	0	—	10.7	+2.7	31	41		22		26	9	0	0	
ASWÂN	340	5	50	00	0	0	—	11.1	+3.2	33	40	-2	25	-1	30	13	0	0	
SÎWA	320	3	14	00	0	0	—	15.1	+2.1	27	37	-1	21	+1	40	12	0	1	8
BAHARÎYA	360	3	35	02	0	0	—	13.4	+2.2	28	38	+2	21	+2	52	17	0	dr.	7
FARAFRA	40	1	35	02	0	0	—	14.2		28	40		23		40	13	0	dr.	
DAKHLA	20	8	50	00	0	0	—	13.1	+2.8	30	39	0	23	0	40	15	0	0	
KHARGA	360	4	15	00	0	0	—	12.2	+3.6	29	39	0	25	+2	35	12	0	0	
SUEZ	180	5	50	00	0	0	—	10.3	+0.5	25	35	-1	22	0	61	17	0	5	17
TÛR	270	9	7	02	0	0	—	9.3	+1.9	28			25	+1	58	19	0	4	13
HURGHÂDA	350	18	14	02	1	0	—	8.9	+1.1	27	31		25		66	20	0	8	
QUSEIR	360	13	15	00	0	0	—	8.3	+0.9	30	32	-1	25	-1	46	17	0	dr.	4
PORT SÛDÂN	80	1	30	02	0	0	—	8.1		35	37				53	24	0	153	97
WÂDI HALFA	340	2	30	01	0	0	—	10.7		30	41				38	14	0	dr.	
ABU HAMAD	360	14	10	07	0	1	Ci			34	43				15	4	0		
KAREIMA	50	6	30	02	1	6	Cs	9.4		32	41				21	7	0	dr.	2
'ATBARA	350	12	30	01	2	7	Cs			35	43				12	1	0	25	8
KHARTÛM	220	10	30	02	2	5	Cs	9.4		32	41				24	9	0	8	15
KASSALA	180	4	30	02	1	5	Cs	10.1		29	39				46	16	0	16	47
WÂD MEDANI																			53
RENK																			156
ROSEIRES																			219
EL OBEID	230	3	30	02	1	3	ac, Ci	13.7		25	38				24	3	0	71	66
EL FÂSHER	00	0	30	03	0	2	Ci			26	37				30	7	0	20	30
GENEINA	30	3	30	81	2	1					36		21			12	dr.		70
MALAKÂL	230	2	30	01	2	7	ac, Cs	12.3		26	34		21		74	21	dr.	200	308
WÂU																			511
JUBA											33								589

HUMIDITY % Mean of day

Station	on 25th	Diff. from normal
Alexandria	77	+4
Ezbeklya	51	-5
Gîza	50	-5
Helwân	41	-2

GÎZA GRASS MINIMUM TEMP. ON 26th 16.4°C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs	Height above M.S.L. Metres	Day °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

Pressure mbs.	Height above M.S.L. Metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
FAROUK AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					
..... AIRPORT — On ..... At					
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 25th

Height m.	Matrûh Dir.	Matrûh Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	S. Barrow Dir.	S. Barrow Vel.	Dir.	Vel.	Dir.	Vel.	Port Said Dir.	Port Said Vel.	Minya Dir.	Minya Vel.
Time	14		14		14		14		14		14		14		14								20		20	
300	320	15	320	22	360	12	340	14	10	16	360	15	10	19	340	45	320	13					280	16	10	26
600	300	16	300	17	350	12	340	16	360	15	350	19	10	23	330	33	330	14					310	20	20	40
1000	300	17	300	29	340	16	330	19	340	10	360	33	10	30	330	28	340	14					320	25	10	33
1500	280	20	280	25	340	14	320	21	340	10	360	28			320	23							310	20	10	45
2000	280	23	290	23			310	24	300	9					290	26										
3000			270	35			320	22	350	20																
4000									360	21																
5000									10	27																
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 26th

Height m.	Sîdi Barâni Dir.	Sîdi Barâni Vel.	Matrûh Dir.	Matrûh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arîsh Dir.	El 'Arîsh Vel.	Helwân Dir.	Helwân Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswân Dir.	Aswân Vel.	Hurghada Dir.	Hurghada Vel.	Farouk R.P. Dir.	Farouk R.P. Vel.
Time	8		8		8		2				6	30	2		8				8		8		10	
300			300	19	330	26	250	9			270	3	360	16	320	9			350	8	330	22	280	8
600	240	8	340	19	340	15	270	16			300	10	360	16	340	10			340	10	320	19	280	10
1000	10	14	360	21	320	17	290	12			310	18	360	16	10	18			330	16	320	24	300	14
1500	360	14	330	35	340	21	310	16			320	23	360	16	360	23			310	31	310	16	340	10
2000					30	18					330	19			340	27							340	19
3000					40	13					310	21			340	22								
4000					360	27									340	16								
5000																								
6000																								
7000																								
8000																								

Height m.	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wâdi Halfa Dir.	Wâdi Halfa Vel.	Abû Hamad Dir.	Abû Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartûm Dir.	Khartûm Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fâsher Dir.	El Fâsher Vel.	Malakâl Dir.	Malakâl Vel.
Time	8		8		8		8				4								4		5			
300	290	9	320	30	360	6	360	18																
600	350	16	320	12	350	9	10	23			20	29												
1000	340	14	320	29	10	10	40	3			30	25							290	11	40	17		
1500	340	18	300	20	10	16	10	23			60	7							50	10	70	26		
2000	360	23																	20	15	70	27		
3000	10	35									190	17							10	11	70	17		
4000	360	43									210	11							60	13	280	16		
5000	360	49																	110	16				
6000																			30	6				
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

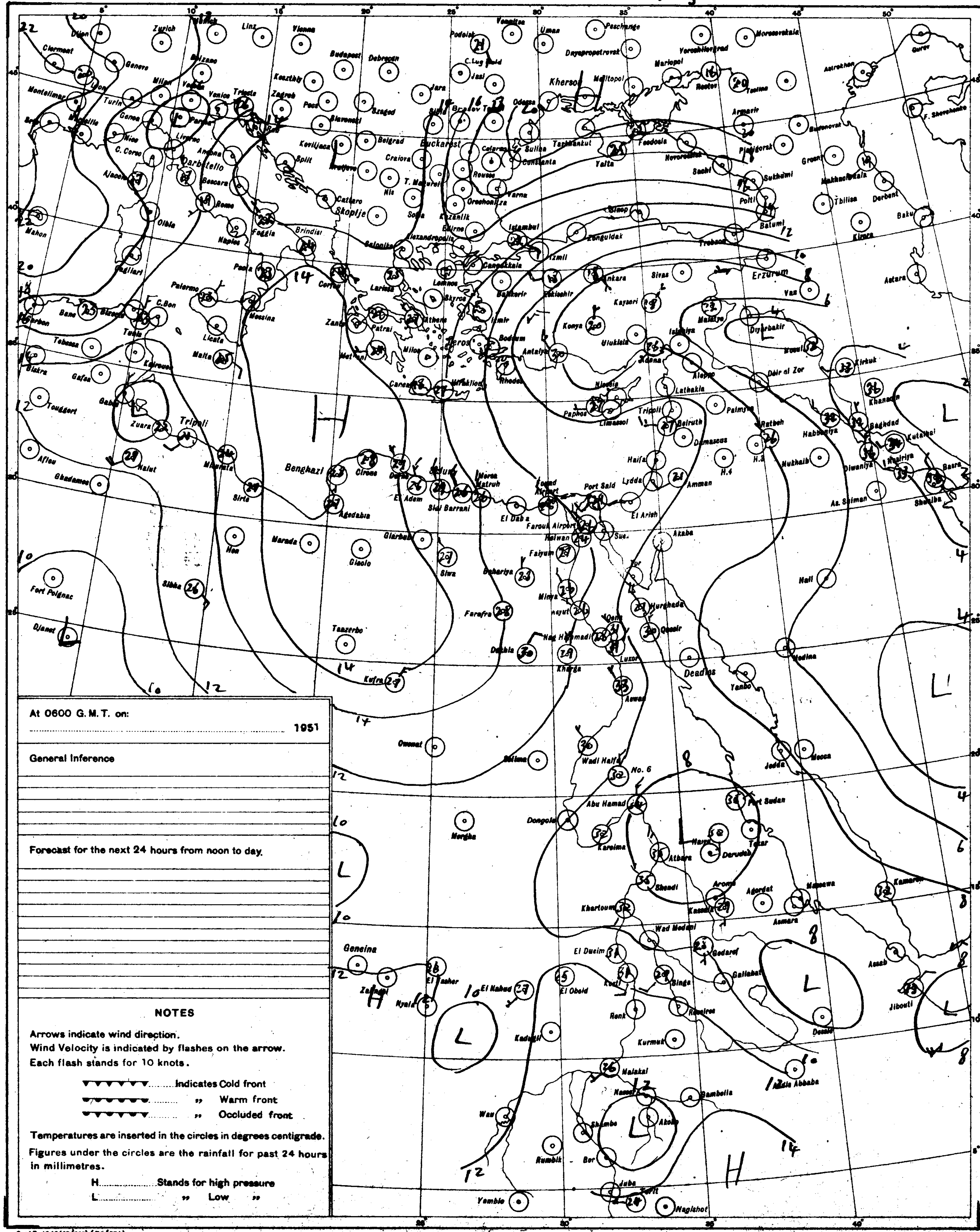
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557).(50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Tuesday 26-6-1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼..........Indicates Cold front

●●●●●●●.......... ,, Warm front

▼●▼●▼●▼.......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.

Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure

L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	○
State of sky generally unchanged	02	-○-
Clouds developing	03	○
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	(S)
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	(R)
During past hour and not at time of observation: Squalls	18	∇
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	R]
Duststorm or Sandstorm	31	S
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	R]•
Hail } the past hour	93	R]△
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	-○-
Mainly overcast	2	○
Sandstorm or Duststorm	3	S
Fog or thick dusthaze (*vis less than 1000 m.*)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	R

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (56/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 55 G.M.T.

" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Wednesday 27th June, 1951

At 1200 on Tuesday 26th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs	Temperature °C	Humidity %	Dew Point °C
Mediterranean	62300	SALUM											
	303	SÎDI BARÂNI	320	11	18	00	0	0	—	14.7			21
	306	MATRÛH	310	12	30	00	0	0	—	13.2	28	70	22
	309	EL DAB'A	320	13	35	00	0	0	—	11.7	28	79	24
		ALEXANDRIA	310	15	50	01	1	1	Cu,ac	11.6	27	79	23
	318	FOUAD (Airport)	310	17	18	02	0	0	—	11.3	28	70	22
	330	DAMIETTA	340	5	35	00	0	0	—	11.0	28	70	22
	333	PORT SA'ÎD	340	10	30	02	0	1	Cu	10.3	27	79	23
	336	EL 'ARISH											
Lower Egypt	339	DAMANHUR	360	9	15	02	0	0	—	11.9	31	59	22
	342	MANSURA	360	3	35	02	1	3	Cu	11.0	34	41	19
	348	TANTA	310	8	35	02	0	0	—	11.6	33	44	19
	354	ZAGAZIG	320	1	35	03	1	3	Cu	10.0	34	47	21
	440	ISMA'ILIA	320	2	35	02	1	5	Cu	9.6	34	32	15
Cairo Area	366	FAROUK (Airport)	320	16	30	03	1	3	Cu	10.7	34	36	17
	372	ALMAZA	310	9	15	03	0	2	Cu	10.1	33	38	17
		EZBEKIYA	310	6	18	02	1	3	Cu	10.0	34	34	16
		GIZA	310	6	18	02	1	3	Cu	10.6	34	32	15
	378	HELWÂN	320	13	35	00	0	0	—	9.6	33	30	13
Upper Egypt	381	FAIYÛM	360	5	35	02	0	0	—	10.4	35	23	11
	387	MINYA	290	6	10	00	0	0	—	10.4	36	20	10
	393	ASYÛT MANQABÂD	330	2	30	00	0	0	—	10.6	35	22	10
	399	NAG' HAMMÂDI	270	2	35	00	0	0	—	9.6	34	32	15
	402	QENA	320	2	50	00	0	0	—	8.2	40	12	6
	405	LUXOR	330	10	30	00	0	0	—	8.0	37	13	4
	414	ASWÂN	340	4	50	00	0	0	—	8.2	38	13	5
Oases	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	11.6	36	29	15
	423	FARAFRA	360	1	35	02	0	0	—	12.4	36	27	14
	432	DAKHLA	20	5	50	00	0	0	—	10.8	36	25	13
	435	KHARGA	360	15		00	0	0	—	10.6	36	20	10
Red Sea	450	SUEZ											
	459	TÛR											
	462	HURGHADA											
	465	QUSEIR	20	23	15	02	0	0	—	7.5	29	66	22
	641	PORT SÛDÂN	50	12	30	02	0	0	—	7.4	35	37	18
North Sudan	600	WÂDI HALFA	360	15	30	02	0	2	Cs	7.8	41	13	7
	640	ABU HAMAD	30	4	30	02	0	0	—				3
	660	KAREIMA	60	4	30	02	1	7	Cs	5.5	42	11	5
	680	'ATBARA											
	721	KHARTÛM	290	2	30	02	1	5	Ci	5.0	40	10	2
	730	KASSALA	350	3	30	01	1	0	—	3.9	40	20	13
Central Sudan	751	WÂD MEDANI	230	9	35	02	2	3	Cu	4.3	40	20	13
	801	RENK											
	802	ROSEIRES	130	5	35	02	1	4	ac		38		
	771	EL OBEID	20	2	30	01	1	1	Cu,Ci	5.9	37	13	4
	760	EL FÂSHER	90	3	30	03	1	3	Cu,ac		37	10	0
	770	GENEINA	70	8	30	03	0	2	Cu		36	12	2
S. Sudan	840	MALAKÂL											
	880	WÂU	290	3	30	03	1	6	Cu	9.0	33	47	20
	941	JUBA											

At 1800 on Tuesday 26th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C	Humidity %	Dew Point °C	Rain Past 12 hrs mms.
SALUM	320	13	15	00	0	0	—	13.5	27	37	11	0
SÎDI BARÂNI	290	7	18	00	0	0	—	13.3	24	79	20	0
MATRÛH	300	9	14	00	0	0	—	13.4	24	87	22	0
EL DAB'A												
ALEXANDRIA	360	11	35	03	2	4	Cu	11.9	24	94	23	0
FOUAD (Airport)	320	11	12	03	0	2	Sc	11.4	24	94	23	0
DAMIETTA	320	5	7	00	0	0	—	12.0	25	84	22	0
PORT SA'ÎD	340	12	14	01	0	0	—	10.3	25	84	22	0
EL 'ARISH	360	5	30	01	0	2	Cu	9.6	24	84	21	0
DAMANHUR	360	9	15	02	1	6	Cu	12.3	25	84	22	0
MANSURA	360	3		00	1	0	—	11.6	27	70	21	0
TANTA	00	0	35	02	0	0	—				21	0
ZAGAZIG	00	0	35	02	1	0	—	10.4	28	70	22	0
ISMA'ILIA	360	2	35	01	0	0	—	9.9	27	62	19	0
FAROUK (Airport)	340	10	12	00	1	0	—	11.4	29	59	20	0
ALMAZA	340	11	12	00	0	0	—	10.4	30	55	20	0
EZBEKIYA	360	6	12	00	0	0	—	10.8	29	55	19	0
GIZA	360	6	12	00	0	0	—	11.1	28	58	19	0
HELWÂN	340	4	15	00	0	0	—	10.4	30	46	17	0
FAIYÛM	360	6	35	02	0	0	—	10.2	31	43	17	0
MINYA	330	5	8	00	0	0	—	9.4	28	42	14	0
ASYÛT MANQABÂD	320	3	8	00	0	0	—	9.7	31	31	12	0
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.8	28	52	17	0
QENA	270	2	7	00	0	0	—	8.6	34	22	9	0
LUXOR	320	8	12	00	0	0	—	8.1	32	22	8	0
ASWÂN	360	3	50	00	0	0	—	9.0	36	13	4	0
SÎWA	40	11	10	00	0	0	—	12.8	35	29	14	0
BAHARÎYA												
FARAFRA			15	02	0	0	—	11.0	32	17	4	0
DAKHLA												
KHARGA	00	0	15	00	0	0	—	10.6	32	24	9	0
SUEZ	360	4	35	01	0	0	—	9.6	28	52	17	0
TÛR												
HURGHADA	340	15	12	00	0	0	—	6.6	28	70	22	0
QUSEIR	20	9	15	02	0	0	—	7.8	29	79	25	0
PORT SÛDÂN	340	5	30	02	0	0	—	7.3	31	49	19	0
WÂDI HALFA	340	15	30	01	0	1	Cs	8.4	35	30	15	0
ABU HAMAD	350	3	30	02	0	0	—		36	13	3	0
KAREIMA	340	4	30	02	0	0	—	6.0	36	12	2	0
'ATBARA	340	3	30	01	2	3	Ci	4.8	30	24	7	0
KHARTÛM	00	0	30	01	2	4	Ci	4.8	36	15	6	0
KASSALA	00	0	30	02	0	0	—	5.3	31	41	16	0
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID	00	0	30	01	0	0	—	6.3	32	18	5	0
EL FÂSHER	70	2	30	13	1	4	Sc,ac		32	17	4	0
GENEINA	20	5	30	03	1	3	ac		34	12	0	0
MALAKÂL	180	4	30	01	1	4	ac,Ci	9.7	29	59	20	0
WÂU	00	0	30	13	9	7	Cb,As	10.5	25	84	22	3
JUBA	270	5	30	13	2	5	Cb,Cs	9.6	29	52	18	dr.

At 0600 on Wednesday 27th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C	Rainfall Past 24 hrs.	Rainfall Total From Oct. 1st.	Rainfall Normal From Oct. 1st.
SALUM	90	5	15	00	0	0	—						22	+2		19	0	91	
SÎDI BARÂNI	300	1	15	00	0	0	—	14.0		25	28		19		74	20	0	108	
MATRÛH	310	9	18	00	0	0	—	13.2	+1.5	26	29		20		79	22	0	51	
EL DAB'A																			
ALEXANDRIA	360	10	50	01	2	3	ac	12.7	+1.4	24	28	-1	22	0	84	21	0	63	186
FOUAD (Airport)	340	9	18	01	1	4	Sc	12.6		25	28		22		84	22	0	63	138
DAMIETTA	250	2	7	00	0	0	—	12.2	+2.0	26	29	0	21	0	74	21	0	Rain	106
PORT SA'ÎD	320	5	12	01	1	3	Sc	11.9	+2.0	27	30		24		62	21	0	18	
EL 'ARISH											29	0							94
DAMANHÛR	360	5	15	02	0	0	—	12.8	+2.3	27	32	0	20	+1	70	21	0	35	101
MANSÛRA	360	3	35	00	0	0	—	12.4	+1.8	27	34	-1	23	+4	70	21	0	31	55
TANTA	00	0	35	02	0	0	—	11.7	+1.0	27	33	-2	22	+4	79	23	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	11.8	+1.1	27	36	+1	23	+4	70	21	0	Rain	27
ISMA'ILIA	20	2	35	03	1	3	Ci	11.8		27	35		22		70	21	0	17	
FAROUK (Airport)	00	0	8	05	2	4	Cu,Sc	12.7		24	35		23		74	19	0	Rain	
ALMAZA	00	0	12	02	1	5	Sc,Cu	11.8	+1.0	24	35		23		84	21	0	12	
EZBEKIYA	310	4	12	02	1	6	Cu	12.3	+1.5	25	35	0	23	+2	74	20	0	11	26
GIZA	310	4	12	02	1	6	Cu	12.0	+1.2	25	35	0	22	+4	74	20	0	11	27
HELWÂN	00	0	7	00	0	0	—	12.3	+1.7	25	34	-1	23	+2	70	19	0	12	29
FAIYÛM	360	6	35	02	0	0	—	12.1	+1.7	26	37	+1	22	+2	70	20	0	8	8
MINYA	350	7	8	00	0	0	—	11.7	+2.1	26	38		20	-1	70	20	0	3	
ASYÛT MANQABÂD	280	4	8	10	0	0	—	11.9	+2.5	27	36		24		58	18	0	dr.	
NAG' HAMMÂDI			15	00	0	0	—	11.1	+2.9	30	36	-2	20	0	46	17	0	0.1	
QENA											40	-1							
LUXOR	260	2	30	00	0	0	—	9.9	+2.0	33	38		22		28	12	0	0	
ASWÂN											40	-2							
SÎWA	40	20	14	00	0	0	—	14.3	+1.3	27	42	+4	22	+2	42	13	0	1	8
BAHARÎYA																			7
FARAFRA	00	0	35	02	0	0	—	13.6		27	39		22		45	14	0	dr.	
DAKHLA																			
KHARGA	40	1	15	00	0	0	—	11.4	+2.8	29	37	-2	22	-1	35	12	0	0	
SUEZ											37	+1							17
TÛR																			13
HURGHADA	10	12	14	00	0	0	—	8.5	+0.8	28	30		23		70	22	0	8	
QUSEIR			15	02	0	0	—	9.3	+2.0	31	31	-2	25	-1			0	dr.	4
PORT SÛDÂN	340	1	30	01	1	4	Cs	9.3		35	37		25		50	23	0	153	97
WÂDI HALFA	360	3	50	02	0	0	—	10.5		29	41		23		43	15	0	dr.	
ABU HAMAD	350	13	10	07	0	1	Ci			33	43		26		11	-1	0		
KAREIMA	20	18	30	07	1	4	ac	8.7		34	43		30		16	5	0	dr.	2
'ATBARA	20	16	4	07	2	6	Cs	6.6		34	42		28		11	-1	0	25	8
KHARTÛM	100	6	30	01	2	2	ac,Ci	8.3		33	42		30		19	6	0	8	15
KASSALA											41								49
WÂD MEDANI																			55
RENK																			159
ROSEIRES																			224
EL OBEID											39								68
EL FÂSHER	20	2	30	01	1	1	ac			26	39		20		27	5	0	20	31
GENEINA	250	2	30	02	0	1	ac			25	38		22		61	17	0		72
MALAKÂL											36								313
WÂU	230	8	30	03	1	7	ac	11.6		25	34		23		84	22	3	342	517
JUBA	130	5	30	01	9	8	Sc,ac	13.7		22	33				94	21	dr.	423	593

HUMIDITY %

Mean of day

Station	on 26th	Diff. from normal
Alexandria	85	+12
Ezbekiya	53	-3
Giza	52	-3
Helwân	57	+13

GIZA GRASS MINIMUM TEMP. ON 27th 20.6 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C	Wet °C
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 26th

Height m.	Matruh Time 14 Dir.	Vel.	Port Said Time 14 Dir.	Vel.	Minya Time 14 Dir.	Vel.	Asyut Time 14 Dir.	Vel.	Siwa Time 14 Dir.	Vel.	Hurghada Time 14 Dir.	Vel.	Port Said Time 20 Dir.	Vel.
300	330	17	340	16	350	17	340	23	320	23	350	25	340	14
600	340	19	320	14	360	15	340	26	320	24	340	31	350	10
1000	350	19	310	17	360	16	350	23	320	20	330	23	350	9
1500			310	16	30	14	330	16	340	11	290	16		
2000			320	9			330	36	350	15	280	15		
3000							340	30	10	18				
4000							340	16						
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 27th

Height m.	Sîdi Barâni Dir.	Vel.	Matrûh Time 4 Dir.	Vel.	Fouad Airport Time 5 Dir.	Vel.	Port Said Time 2 Dir.	Vel.	El 'Arîsh Dir.	Vel.	Helwân Dir.	Vel.	Minya Time 2 Dir.	Vel.	Asyût Manqabâd Dir.	Vel.	Luxor Dir.	Vel.	Aswân Dir.	Vel.	Hurghada Dir.	Vel.
300			310	14	330	17	300	5					10	20								
600			300	15	320	12	300	6					350	17								
1000			290	18	300	11	280	5					350	16								
1500			280	25			350	4					340	16								
2000																						
3000																						
4000																						
5000																						
6000																						
7000																						
8000																						

Height m.	Siwa Dir.	Vel.	Baharîya Dir.	Vel.	Dakhla Dir.	Vel.	Kharga Dir.	Vel.	Wâdi Halfa Dir.	Vel.	Abû Hamad Time 4 Dir.	Vel.	Kareima Time 4 Dir.	Vel.	Khartûm Dir.	Vel.	Kassala Time 3 Dir.	Vel.	El Obeid Dir.	Vel.	El Fâsher Time 4 Dir.	Vel.	Malakâl Dir.	Vel.
300						1																		
600											10	34	30	23										
1000											10	29	30	31			210	17			80	5		
1500											50	16	30	23			220	9			60	21		
2000																								
3000											20	23	320	5			70	9						
4000													190	8										
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

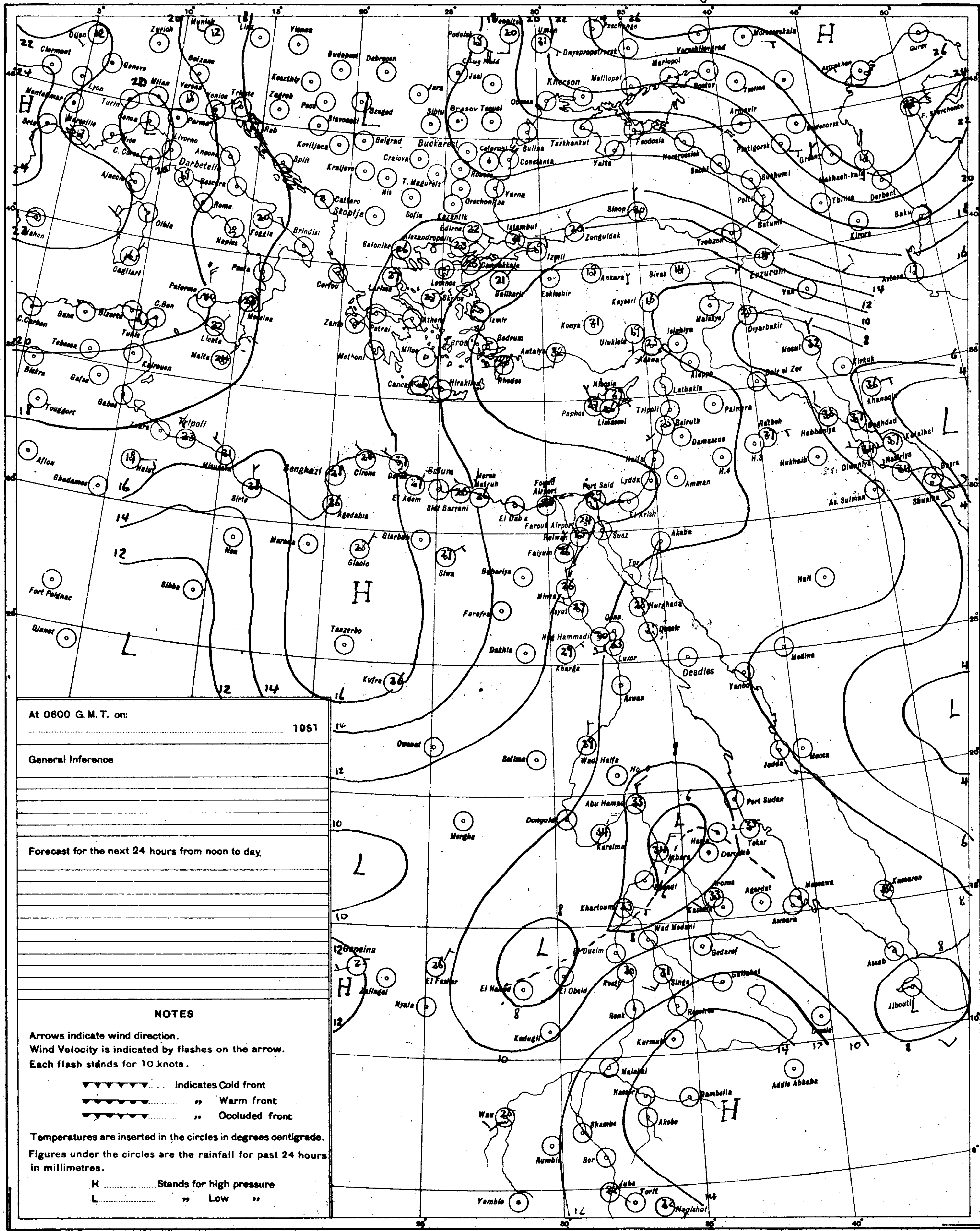
Note: All times are G.M.T.

Printed by the Survey of Egypt 1949 (49/557) (50/531)

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Wednesday 27/6/1951



At 0600 G. M. T. on:
.... 1951
General Inference
Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●........... ,, Warm front
▼●▼●▼●▼........... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H..................Stands for high pressure
L.................. ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless	00	○
Clouds dissolving	01	
State of sky generally unchanged	02	
Clouds developing	03	
Visibility more than 1000 metres: Visibility reduced by smoke	04	
Dry haze	05	∞
Dust in the air	06	S
,, or sand raised by wind	07	$
Dust devil	08	
Duststorm or sandstorm within sight or at station during last hour	09	
Mist	10	=
Shallow fog	12	
Lightning, no thunder heard	13	<
Precipitation within sight	16	(•)
Thunder, no precipitation	17	
During past hour and not at time of observation: Squalls	18	▽
Drizzle	20	,]
Rain	21	•]
Showers of rain	25	
,, ,, hail	27	
Fog	28	≡]
Thunderstorm	29	
Duststorm or Sandstorm	31	
Fog	45	≡
Drizzle	50	,
Rain	60	•
Showers of rain	80	
,, ,, hail	87	
Rain } Thunderstorm during	91	
Hail } the past hour	93	
Thunderstorm with rain	95	
,, ,, hail	96	
,, ,, Sandstorm	98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (vis less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

CAIRO
Time of Sunrise 02 56 G.M.T.
" " Sunset 17 00 G.M.T.

DAILY WEATHER REPORT

Date: Thursday 28th June, 1951

Area	Index Number	Station	At 1200 on Wednesday 27th: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	At 1800 on Wednesday 27th: Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew point °C.	Rain past 12 hrs mms.
Mediterranean	62300	SALÛM	360	5	35	00	0	0	—	14.0	31	43	17	180	2	15	00	0	0	—	13.8	26	74	21	0
	303	SÎDI BARÂNI	340	5	18	00	0	0	—	14.2	27	74	22												
	300	MATRÛH	320	12	13	00	0	0	—	14.0	30	38	14	00	0	14	00	0	0	—	13.8	25	84	22	0
	309	EL DABʻA	320	6	35	00	0	0	—		28	70	22												
		ALEXANDRIA	330	15	50	00	0	0	—	13.0	26	74	21	360	8	35	03	1	2	Cu	13.0	24	94	23	0
	318	FOUAD (Airport)	320	12	18	02	0	0	—	12.7	28	70	22	320	11	18	02	0	0	—	11.9	24	94	23	0
	330	DAMIETTA	340	5	35	02	0	0	—	12.6	29	52	18												
	333	PORT SAʻÎD	360	9	30	02	0	1	Sc	12.1				360	14	18	02	0	0	—	11.8				0
	336	EL ʻARISH	340	12	30	00	0	0	—		28	79	24	360	8	14	00	0	0	—	11.5	26	74	21	0
Lower Egypt	339	DAMANHUR	40	5	15	02	0	0	—	11.7	32	56	22	40	5	15	02	0	0	—	12.8	27	70	21	0
	342	MANṢURA	40	5	35	02	1	2	Cu	11.5	36	37	19												
	348	TANTA	220	8	35	01	1	1	Cu	11.2	35	32	16												
	354	ZAGAZIG	320	3	50	03	1	3	Cu	11.1	35	42	20												
	440	ISMAʻILÎA	20	2	35	03	1	5	Ac	10.7	35	32	16												
Cairo Area	366	FAROUK (Airport)	340	12	30	03	0	1	Cu	11.7	34	27	12	20	15	12	00	0	0	—	11.6	30	35	13	0
	372	ALMÂZA	40	8	15	00	0	0	—	11.0	34	32	15	40	11	12	00	0	0	—	11.2	31	31	12	0
		EZBEKÎYA	310	10	18	00	0	0	—					00	0	12	00	0	0	—					
		GÎZA	310	10	18	00	0	0	—	11.2	34	36	17	00	0	12	00	0	0	—	11.6	31	38	15	0
	378	HELWÂN	00	0	15	02	0	0	—	10.8	34	27	12	360	13	7	02	0	0	—	11.5	31	31	12	0
Upper Egypt	381	FAIYÛM	360	2	35	02	0	0	—	11.4	34	32	15	360	2	35	02	0	0	—	11.4	32	34	14	0
	387	MINYA	320	7	10	00	0	0	—	10.4	36	18	8	320	2	15	00	0	0	—	9.5	28	40	13	0
	393	ASYÛṬ MANQABÂD	320	11	30	00	0	0	—	9.8	36	18	8	320	5	8	00	0	0	—	9.7	30	35	13	0
	399	NAGʻ HAMMÂDI	290	3	35	00	0	0	—	8.8	36	31	15	00	0	15	00	0	0	—	9.0	29	46	16	0
	402	QENA	360	1	50	00	0	0	—	7.1	40	26	17	270	2	7	00	0	0	—	7.9?	34	27	12	0
	405	LUXOR	320	9	30	00	0	0	—	7.8	38	14	6												
	414	ASWÂN	20	4	50	00	0	0	—	7.5	39	14	7	360	3	50	00	0	0	—	8.4	37	14	6	0
Oases	417	SÎWA	350	13	14	00	0	0	—	13.5	38	16	8	40	4	10	00	0	0	—	13.0	34	22	9	0
	420	BAHARÎYA	360	2	35	02	0	0	—	11.4	35	32	16												
	423	FARAFRA	360	1	35	02	0	0	—		35	15	5												
	432	DAKHLA	20	5	50	00	0	0	—	10.0	38	27	16												
	435	KHARGA	360	5	15	00	0	0	—	9.9	38	16	8												
Red Sea	450	SUEZ	360	6	50	03	0	1	Cu	9.3	34	34	16	330	4	35	01	0	0	—	10.3	28	52	17	0
	459	TÔR																							
	462	HURGHADA	50	10	30	00	0	0	—	6.8	30	62	22	330	11	12	00	0	0	—	6.2	29	66	22	0
	465	QUSEIR	360	9	15	02	0	0	—	7.4	30	66	23	20	5	15	02	0	0	—	7.1	30	52	19	0
	641	PORT SÛDÂN	50	12	30	01	1	1	Ac	7.4	35	35	17	340	6	30	02	0	2	Ci	7.1	31	55	21	0
North Sûdân	600	WÂDI HALFA												330	11	30	02	1	3	Cs	8.1	34	20	8	0
	640	ABU HAMAD	10	3	30	02	0	0	—		42	9	3	310	6	30	02	0	0	—		37	10	0	0
	660	KAREIMA	90	4	30	02	0	0	—	5.7	42	11	6	320	8	30	02	0	0	—	5.2	35	15	5	0
	680	ʻATBARA	250	2	30	03	2	8	Cu, Cs	2.9	43	8	2			30	01	1	0	—	3.1	39	14	7	0
	721	KHARTÛM	320	5	30	03	2	7	Cu, Cs	3.6	41	9	2	10	2				7	Ac, Cs	3.4	37?	18	9	0
	730	KASSALA	330	3	30	03	1	4	Cu, Ac	3.6	41	22	15	40	2	30	02	1	4	Cb, Ac	2.4	40?	20	13	0
Central Sûdân	751	WÂD MEDANI	230	5	35	02	2	3	Cu	3.3	41	16	10												
	801	RENK																							
	802	ROSEIRES																							
	771	EL OBEID	20	9	30	03	0	3	Cu, Ci	4.0	40	9	1	00	0	30	02	1	2	Ac	4.9	33	23	9	0
	765	EL FÂSHER	80	6	30	02	0	0	—		38	16	8	00	0	30	02	1	1	Ac		31	26	9	0
	770	GENEINA												360	2	30	01	0	1	Cs		37	14	6	0
S. Sûdân	840	MALAKÂL	70	10	30	03	2	7	Cu, Ac	9.1	32	46	19												
	880	WÂU	250	5	30	03	2	6	Cb	8.0	33	50	21	270	5	10	61	9	8	Cb	11.1?	22	95	22	25
	941	JUBA	90	2	30	15	2	8	Cb, Ac	8.3	32	49	20	00	0	30	13	2	6	Cb, Ac	9.6	28	74	23	0

At 0600 on Thursday 28th June.

Wind Direction	Wind Velocity in knots	Visibility in kilometres	Present weather	Past weather	Cloud Amount 0-8	Cloud Form	Bar. pressure M.S.L. mbs.	Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew point °C.	Rainfall mms. Past 24 hrs.	Total from Oct. 1st.	Normal from Oct. 1st.	Station
70	5	15	00	0	0	—	13.6	+2.2	27	32	+1	22	+2	70	21	0	91		SALUM
																			SÎDI BARÂNI
300	10	18	00	4	1	Cu	13.4	+1.8	26	30		19		79	22	0	51		MATRÛH
																			EL DABʻA
270	10	50	00	0	0	—	12.4	+1.2	25	28	−1	22	0	74	20	0	63	186	ALEXANDRIA
320	10	18	02	0	0	—	12.1		27	29		22		66	20	0	63	138	FOUAD (Airport)
220	5	15	00	0	0	—	12.3	+2.2	27			20	−1	79	23	0	Rain	106	DAMIETTA
240	8	14	02	0	3	Sc	12.0	+2.2	27	29		23		74	22	0	18		PORT SAʻÎD
240	6	18	00	0	0	—	12.8	+2.8	28	29	0	20	+1	62	20	0	Rain	94	EL ʻARISH
360	5	15	02	0	0	—	13.0	+2.6	27	33	+1	21	+2	70	21	0	35	101	DAMANHÛR
360	3	35	02	1	3	Cu	13.0	+2.5	26			20	0	74	21	0	31	55	MANṢÛRA
																		44	TANṬA
00	0	35	02	0	0	—	12.2	+1.6	28			19	0	70	22	0	Rain	27	ZAGÂZIG
																			ISMAʻÎLÎA
										36									FAROUK (Airport)
00	0	12	00	0	0	—	12.2	+1.5	25	35		21		74	20	0	12		ALMÂZA
350	4	12	02	1	6	Cu												26	EZBEKÎYA
350	4	12	02	1	6	Cu	12.3	+1.5	24	35	0	20	+2	84	21	0	11	27	GÎZA
00	0	7	00	0	0	—	12.3	+1.8	27	35	0	22	+1	52	16	0	12	29	HELWÂN
										37	+1							8	FAIYÛM
350	12	8	00	0	0	—	11.9	+2.4	26	36		20		58	17	0	3		MINYA
350	6	12	00	0	0	—	11.1	+1.7	27	37		23		52	16	0	dr.		ASYÛṬ MANQABÂD
										36	−2								NAGʻ HAMMÂDI
320	2	15	00	0	0	—	9.5	+1.9	30	41	0	24	0	35	13	0	2		QENA
																			LUXOR
360	6	50	00	0	0	—	9.0	+1.2	33	40	−2	27	+1	30	13	0	0		ASWÂN
90	2	14	00	0	0	—	14.2	+1.3	28	41	+3	21	+1	25	6	0	1	8	SÎWA
																		7	BAHARÎYA
360	1	35	02	0	0	—	12.7		27			22		28	7	0	dr.		FARAFRA
00	0	50	00	0	0	—	12.1	+2.0	32			25	+2	43	18	0	0		DAKHLA
00	0	15	00	0	0	—	10.4	+1.9	30			24	+1	35	13	0	0		KHARGA
										36	0							17	SUEZ
																		13	TÔR
360	14	30	00	0	0	—	8.2?	+0.5	27	31		24		66	20	0	8		HURGHADA
360	9	15	02	0	0	—	8.8?	+1.6	30	31	−2	25	−1	46	17	0	dr.	4	QUSEIR
00	0	30	01	1	1	Ac, Ci	7.2		35	37		25		37	18	0	153	97	PORT SÛDÂN
360	7	30	03	0	3	Cs	9.0		31	40		28		26	9	0	dr.		WÂDI HALFA
360	10	10	01	1	2	Ac, Ci			34	43		26		13	2	0			ABU HAMAD
20	5	30	03	1	6	Ac, Cs	8.4		31	43		27		24	8	0	dr.	2	KAREIMA
250	1	30	02	2	8	Ac, Cs	6.2		35	45		31		14	4	dr.	25	8	ʻAṬBARA
220	13	30	02	2	8	Ac, Cs	6.5		33	43		30		32	14	0	8	15	KHARTÛM
180	7	30	02	0	2	Ac, Ci	8.2		31	42		26		38	15	0	16	50	KASSALA
																		56	WÂD MEDANI
																		162	RENK
																		229	ROSEIRES
250	6	30	02	0	1	Ac	7.8		30	40		26		46	17	0	71	69	EL OBEID
10	3	30	01	1	3				27	38		21		25	5	0	20	32	EL FÂSHER
										38								74	GENEINA
360	4	30	01	2	5	Ac	12.0		25	34		23		79	21	0	200	318	MALAKÂL
200	9	30	02	2	6	Ac	10.4		24	35		21		84	21	25	368	523	WÂU
180	5	30	16	2	8	Cb, Ci	13.2		23	33				84	20	29	452	597	JUBA

HUMIDITY % Mean of day

Station	on 27th	Diff. from normal
Alexandria	85	+12
Ezbekiya		
Giza	53	−3
Helwân	48	+4

GÎZA
GRASS MINIMUM TEMP.
ON 28th 17.9 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ... At ...

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE

FAROUK AIRPORT — On 27th At 15h

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000	96	34	29		
950					
900					
850	1538	22	50		
800					
700	3187	12			
600					
500	5923	−4			
400	7655	−14			
300	9798	−24			

.... AIRPORT — On .... At ....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

.... AIRPORT — On .... At ....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 27th

Station	Matruh		El Arish		Minya		Asyut		Siwa		Dakhla		Kharga		Hurghada								Minya		Port Said	
Time	14		14		14		14		14		14		14		14								20		20	
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300	340	26	330	11	360	13	320	25	330	20	340	18	360	18	360	21							10	23	340	10
600	330	23	300	12	10	8	330	28	330	16	330	12	360	24	340	18							10	26	340	9
1000	360	22	350	4	10	9	330	23	320	6	340	39	360	26	320	24							360	22	360	6
1500	350	18	10	8	60	4	340	23	340	14	330	30			310	27							10	14	10	15
2000			350	9			320	26	30	22					290	28							40	11	10	12
3000			350	5			330	14	20	25					320	34										
4000									50	17																
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 28th

Station	SÎDI BARÂNI		MATRÛH		FOUAD AIRPORT		PORT SAʻÎD		EL ʻARÎSH		HELWÂN		MINYA		ASYÛT MANQABÂD		LUXOR		ASWÂN		HURGHADA			
Time													2											
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300													10	21										
600													20	23										
1000													20	21										
1500													340	11										
2000													10	8										
3000																								
4000																								
5000																								
6000																								
7000																								
8000																								

Station	SÎWA		BAHARÎYA		DAKHLA		KHARGA		WÂDI HALFA		ABÛ HAMAD		KAREIMA		KHARTÛM		KASSALA		EL OBEID		EL FÂSHER		MALAKÂL	
Time											4				4									
Height m.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
300																								
600											20	26			200	19								
1000											50	19			210	27								
1500											20	11			270	8								
2000															350	8								
3000											180	6			160	19								
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.85 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

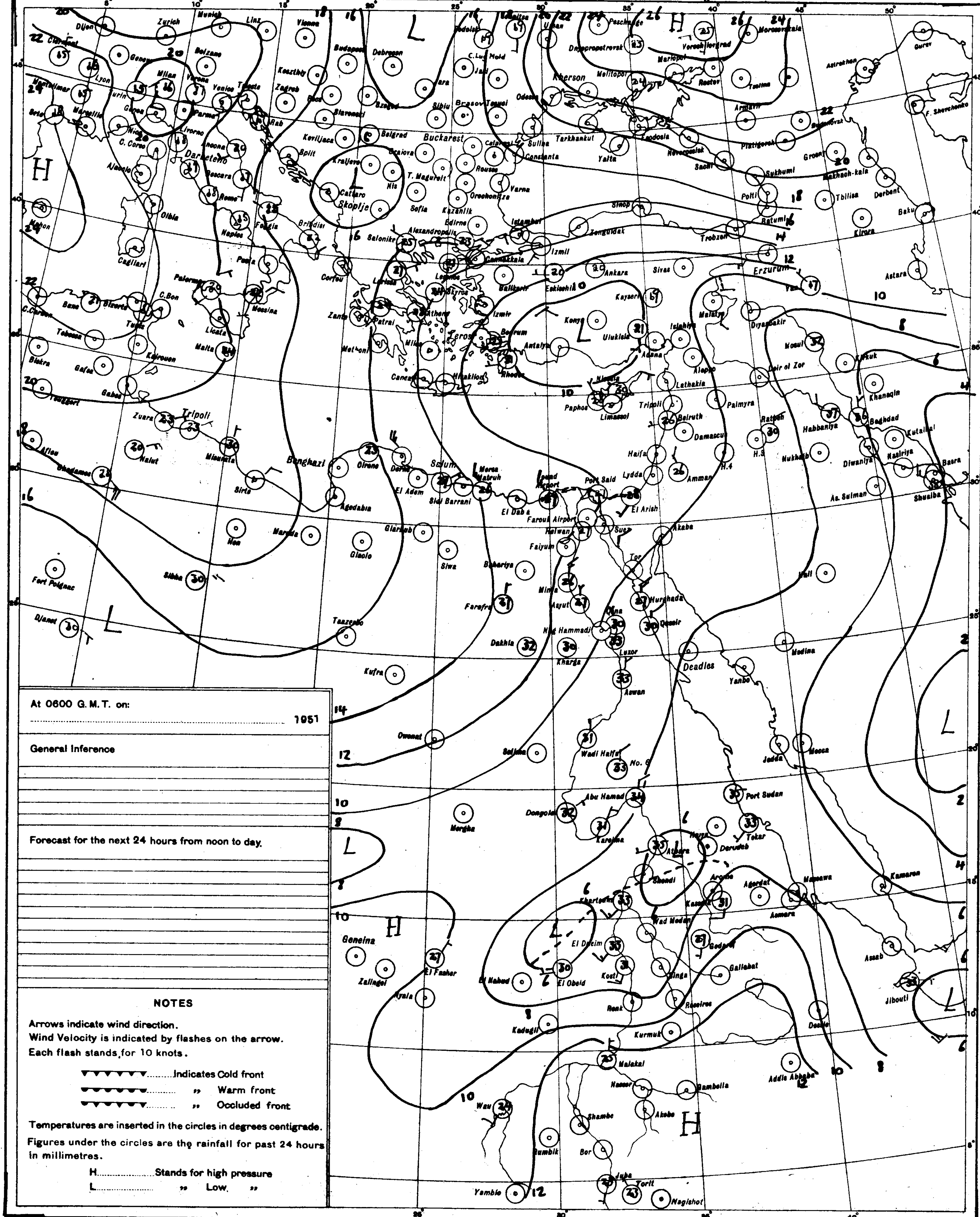
Printed by the Survey of Egypt 1949 (49/557).(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Thursday 28/6/1951



At 0600 G.M.T. on: 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

▼▼▼▼▼▼▼.........Indicates Cold front
●●●●●●●.......... ,, Warm front
▼●▼●▼●▼......... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.....................Stands for high pressure
L..................... ,, Low ,,

3 of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00	○
Clouds dissolving		01	
State of sky generally unchanged		02	
Clouds developing		03	
Visibility more than 1000 metres	Visibility reduced by smoke	04	
	Dry haze	05	∞
	Dust in the air	06	S
	,, or sand raised by wind	07	$
	Dust devil	08	
	Duststorm or sandstorm within sight or at station during last hour	09	
	Mist	10	=
	Shallow fog	12	
Lightning, no thunder heard		13	<
Precipitation within sight		16	(•)
Thunder, no precipitation		17	
During past hour and not at time of observation	Squalls	18	∇
	Drizzle	20	,]
	Rain	21	•]
	Showers of rain	25	
	,, ,, hail	27	
	Fog	28	
	Thunderstorm	29	
Duststorm or Sandstorm		31	
Fog		45	≡
Drizzle		50	,
Rain		60	•
Showers of rain		80	
,, ,, hail		87	
Rain	Thunderstorm during	91	
Hail	the past hour	93	
Thunderstorm with rain		95	
,, ,, hail		96	
,, ,, Sandstorm		98	

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0	○
Some clouds	1	
Mainly overcast	2	
Sandstorm or Duststorm	3	
Fog or thick dusthaze (v/s less than 1000 m.)	4	≡
Drizzle	5	,
Rain	6	•
Snow or rain and snow	7	*
Showers of rain	8	
Thunderstorm with or without rain	9	

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9

CAIRO
Time of Sunrise 02 56 G.M.T.
" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Friday 29th June, 1951

At 1200 on Thursday 28th

AREA	INDEX NUMBER	STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C
MEDITERRANEAN	62300	SALÛM	360	13	15	00	0	0	—	12.8	29	57	20
	303	SÎDI BARÂNI											
	306	MATRÛH											
	309	EL DABA	320	7	35	00	0	0	—	11.5	28		
		ALEXANDRIA	310	11	50	00	0	0	—	11.5	28	70	22
	318	FOUAD (Airport)											
	330	DAMIETTA	340	2	35	02	0	0	—	11.5	29	59	20
	333	PORT SA'ÎD	20	10	30	02	1	1	Cu	10.0	29	74	24
	336	EL 'ARISH	340	12	30	00	0	0	—	9.4	29	62	21
LOWER EGYPT	339	DAMANHUR											
	342	MANŞURA	360	3	50	00	1	0	—	11.2	36	33	17
	348	TANTA	00	0	35	02	0	0	—	11.0	35	32	16
	354	ZAGAZIG	320	2	50	02	0	0	—	10.3	36	33	17
	440	ISMA'ÎLÎA	270	2	35	02	0	0	—	10.4	37	31	17
CAIRO AREA	366	FAROUK (Airport)	360	6	30	00	0	0	—	11.0	34	27	12
	372	ALMÂZA	320	11	15	00	0	0	—	10.0	35	19	8
		EZBEKÎYA	00	0	18	00	0	0	—	10.0	35	30	15
		GÎZA	00	0	18	00	0	0	—	10.7	35	29	14
	378	HELWÂN											
UPPER EGYPT	381	FAIYÛM	360	6	35	02	0	0	—	10.4	37	18	9
	387	MINYA	340	17	10	00	0	0	—	8.9	36	18	8
	393	ASYÛT MANQABÂD	360	7	30	00	0	0	—	8.0	38	18	10
	399	NAG' HAMMÂDI											
	402	QENA	220	1	50	00	0	0	—	5.8	42	18	13
	405	LUXOR											
	414	ASWÂN											
OASES	417	SÎWA											
	420	BAHARÎYA	360	3	35	02	0	0	—	10.4	37	27	15
	423	FARAFRA	40	1	35	02	0	0	—	10.4	38	24	14
	432	DAKHLA	360	5	50	00	0	0	—	9.1	38	31	18
	435	KHARGA	360	8	15	00	0	0	—	8.7	38	16	8
RED SEA	450	SUEZ	330	4	50	02	0	0	—	8.0	36	17	7
	459	TÛR	310	13	50	02	0	0	—	6.6	30	59	21
	462	HURGHADA	30	13	30	02	1		Ci	6.3	29	66	22
	465	QUSEIR	20	9	15	02	0	0	—	6.6	30	66	23
	641	PORT SÛDÂN											
NORTH SÛDÂN	600	WÂDI HALFA	360	18	50	01	0	2	Cs	5.0	40	15	9
	640	ABU HAMAD	310	5	30	03	2	6	Cu, Cs		43	10	5
	660	KAREIMA											
	680	'ATBARA											
	721	KHARTÛM											
	730	KASSALA	250	2	30	03	2	7	Cu, Ac	3.9	39	21	13
CENTRAL SÛDÂN	751	WÂD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	290	5				4	Cu, Ac	3.4	37	19	10
	760	EL FÂSHER											
	770	GENEINA											
S. SÛDÂN	840	MALAKÂL											
	880	WÂU											
	941	JUBA											

At 1800 on Thursday 28th

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	TEMPERATURE °C	HUMIDITY %	DEW POINT °C	RAIN PAST 12 hrs mms
SALÛM	290	13	15	00	0	0	—	13.8	24	83	21	0
SÎDI BARÂNI	320	12	13	01	2	4	Sc	13.1	24	83	21	0
MATRÛH	310	11	14	02	2	7	Sc	13.1	24	94	23	0
EL DABA	320	7	15	01	1	3	Cu	13.0	24	94	23	0
ALEXANDRIA	360	5	35	01	1	1	Cu	13.0	24	94	23	0
FOUAD (Airport)	340	10	12	02	0	0	—	10.8	24	95	24	0
DAMIETTA	340	2	7	02	0	0	—	10.9	26	84	23	0
PORT SA'ÎD	30	11	15	02	0	0	—	10.5	27	70	21	0
EL 'ARISH	360	8	14	00	0	0	—	10.3	25	83	22	0
DAMANHUR	40	5		00	0	0	—	11.5	27	70	21	0
MANŞURA	00	0	35	02	0	0	—	11.3	26	70	20	0
TANTA	320	1	35	02	0	0	—	10.0	29	66	22	0
ZAGAZIG	20	2	35	02	0	0	—	10.4	28	52	17	0
FAROUK (Airport)	20	16	12	00	0	0	—	10.6	31	43	17	0
ALMÂZA	40	15	12	00	0	0	—	9.9	31	43	17	0
EZBEKÎYA	360	6	12	00	0	0	—	10.0	31	41	16	0
GÎZA	360	6	12	00	0	0	—	10.6	31	43	17	0
HELWÂN												
FAIYÛM	00	0	35	02	0	0	—	10.3?	32	28	11	0
MINYA	320	7	8	00	0	0	—	8.5	27	42	13	0
ASYÛT MANQABÂD	320	8	8	00	0	0	—	8.2	30	31	11	0
NAG' HAMMÂDI	00	0	15	00	0	0	—				16	0
QENA	240	1	7	00	0	0	—	6.3	33	21	8	0
LUXOR												
ASWÂN	360	3	50	00	0	0	—	7.0	37	14	6	0
SÎWA	320	4	10	00	0	0	—	11.5	34	27	12	0
BAHARÎYA	360	3	15	02	0	0	—	10.4	32	34	14	0
FARAFRA	360	1	15	02	0	0	—	10.3	34	14	3	0
DAKHLA	320	8	50	00	0	0	—	10.6	34	27	12	0
KHARGA	00	0	15	00	0	0	—	10.3	33	16	4	0
SUEZ	360	5	35	02	0	0	—	8.8	30	31	11	0
TÛR	310	5		02	0	0	—	7.2	30	49	18	0
HURGHADA	340	16	30	02	1	1	Ci	5.1	30	59	21	0
QUSEIR	20	7	15	02	0	0	—	5.5	29	66	22	0
PORT SÛDÂN	340	8	30	01	1	0	—	5.8	31	55	21	0
WÂDI HALFA	330	9	30	02	0	0	—	5.8	35	23	11	0
ABU HAMAD	310	2	30	02	1	5	Cs		37	11	2	0
KAREIMA	340	8	30	02	0	0	—	4.2	35	16	6	0
'ATBARA	70	3	30	01	2	7	Cu, Cs	2.2	39	12	5	0
KHARTÛM	230	9	30	13	2	7	St, Ac	5.8	30	43	16	3
KASSALA												
WÂD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FÂSHER												
GENEINA												
MALAKÂL												
WÂU												
JUBA	180	5	30	13	2	8	Cb, Ac	9.6	27	70	21	4

At 0600 on Friday 29th June

STATION	WIND DIRECTION	WIND VELOCITY IN KNOTS	VISIBILITY IN KILOMETRES	PRESENT WEATHER	PAST WEATHER	CLOUD AMOUNT 0-8	CLOUD FORM	BAR. PRESSURE M.S.L. mbs	Diff. from normal mbs	TEMPERATURES °C Dry Bulb	MAXIMUM Yesterday	MAXIMUM Diff. from normal	MINIMUM Today	MINIMUM Diff. from normal	HUMIDITY %	DEW POINT °C	RAINFALL mms. Past 24 hrs	Total From Oct. 1st	Normal From Oct. 1st
SALUM	320	13	15	00	0	0	—	13.4	+2.0	26	30	-1	21	+1	62	18	0	91	
SÎDI BARÂNI	320	13	14	02	1	4	Cu, Sc	13.3		24	28		23		77	20	0	108	
MATRÛH	340	7	18	02	1	8	Sc	13.6	+2.1	25	29		22		83	22	0	51	
EL DABA	320	5	15	00	0	0	—	13.2		26	28		22		74	21	0	54	
ALEXANDRIA	360	8	50	03	2	3	Sc	12.4	+1.4	26	28	-1	23	+1	74	21	0	63	188
FOUAD (Airport)	340	5	18	01	1	1	Cu, Sc	12.2		26	29		23		74	21	0	63	138
DAMIETTA	200	2	15	00	0	0	—	12.3	+2.3	28	30	+1	21	0	70	22	0	Rain	106
PORT SA'ÎD	70	3	14	02	0	0	—	11.8	+2.1	28	30		24		66	21	0	18	
EL 'ARISH											30	+1							94
DAMANHUR	40	5	15	02	0	0	—	12.5	+2.2	27			22	+3	70	21	0	35	101
MANŞURA	320	3	35	00	0	0	—	13.1	+2.4	27	38	+3	21	+1	70	21	0	31	55
TANTA	00	0	35	02	0	0	—	13.0	+2.5	26	38	+3	18	-1	70	20	0	23	44
ZAGAZIG	00	0	35	02	0	0	—	12.7	+2.2	25	38	+3	20	+1	83	22	0	Rain	27
ISMA'ÎLÎA	360	2	35	02	0	0	—	11.6		28	37		22		66	20	0	17	
FAROUK (Airport)	320	4	6	05	2	0	—	12.9		22	36		20		88	20	0	Rain	
ALMÂZA	70	5	12	00	0	0	—	12.0	+1.4	23	36		20		88	21	0	12	
EZBEKÎYA	360	4	12	00	0	0	—	12.2	+1.6	25	36	0	21	0	74	20	0	11	26
GÎZA	360	4	12	00	0	0	—	12.0	+1.3	24	37	+2	20	+2	83	21	0	11	27
HELWÂN	320	3	7	00	0	0	—	11.9	+1.6	24	36	+1	21	0	74	19	0	12	29
FAIYÛM	360	2	35	02	0	0	—	12.2?	+2.0	27	38	+2	22	+2	55	17	0	8	8
MINYA	340	10	8	00	0	0	—	10.7	+1.3	26	37		20		66	19	0	3	
ASYÛT MANQABÂD	320	7	12	00	0	0	—	10.1	+0.8	27	39		22		52	16	0	dr.	
NAG' HAMMÂDI	00	0	15	00	0	0	—	9.1	+1.0	28	35	-3	21	+1	58	19	0	0.1	
QENA	320	1	15	00	0	0	—	10.8	+3.3	30	43	+2	23	-1	35	13	0	2	
LUXOR																			
ASWÂN	360	3	50	00	0	0	—	8.3	+0.6	35	41	-1	28	+2	23	11	0	0	
SÎWA	10	5	14	00	0	2	Cu	14.6	+1.7	25	40	+2	22	+2	70	19	0	1	8
BAHARÎYA	40	2	35	02	0	0	—	11.8	+0.8	27	38	+2	21	+1	62	19	0	dr.	7
FARAFRA	00	0	35	02	0	0	—	11.9		30	39		25		31	11	0	dr.	
DAKHLA	00	0	50	00	0	0	—	11.8	+1.8	31	38	-1	23	0	43	17	0	0	
KHARGA											39	0							
SUEZ	360	4	50	00	0	0	—	10.7	+1.2	25	37	+1	21	-1	54	15	0	5	17
TÛR	310	5	15	02	0	0	—	8.3	+1.2	27	33	-1	25	+1	70	21	0	4	13
HURGHADA	360	7	30	03	1	3	Ci	7.4	-0.2	28	30		25		58	19	0	8	
QUSEIR	360	9	15	00	0	3		6.9	-0.3	30	32	-1	25	-1	40	15	0	dr.	4
PORT SÛDÂN	320	7	30	01	2	6	Ac, Cs	6.5		32	38		25		43	18	0	153	97
WÂDI HALFA											41								
ABU HAMAD	350	5	30	02		7	Ac, Cs			35	44		30		12	1	dr.		
KAREIMA	90	3	50	02	1	7	Ac, Ci	7.1		33	43		28		26	11	0	dr.	2
'ATBARA											44								8
KHARTÛM	200	17	30	02	9	8	Ac, Cs	9.1		29	41		24		49	17	5	13	16
KASSALA																			52
WÂD MEDANI																			57
RENK																			165
ROSEIRES																			234
EL OBEID																			70
EL FÂSHER																			33
GENEINA																			76
MALAKÂL	00	0	30	02	2	6	Ac	11.3		21					95	21	0	200	323
WÂU																			529
JUBA											31								601

HUMIDITY %

Mean of day

STATION	on 28th	Diff. from normal
Alexandria	81	+8
Ezbekiya	56	-1
Gîza	60	+4
Helwân	35	-9

GÎZA
GRASS MINIMUM TEMP. ON 29th 18.5 °C

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	DRY °C.	WET °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — AIRPORT — On ..... At .....

PRESSURE mbs.	HEIGHT ABOVE M.S.L. METRES	TEMP. °C.	HUMID. %	WIND DIR.	WIND VEL.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 28th

HEIGHT m.	Minya DIR.	Minya VEL.	Asyut DIR.	Asyut VEL.	Kharga DIR.	Kharga VEL.	Siwa DIR.	Siwa VEL.	Dakhla DIR.	Dakhla VEL.	El Arish DIR.	El Arish VEL.	Port Said DIR.	Port Said VEL.
TIME	14		14		14		14		14				20	
300	10	10	320	25	10	11	330	29	20	25	330	16	10	11
600	20	7	320	16	10	13	330	24	20	17	340	17	360	16
1000	20	11	320	12	10	17	320	15	40	11	340	11	20	9
1500	10	19	10	19			320	30			350	10	20	8
2000			10	21			330	48			340	15		
3000											310	9		
4000											330	4		
5000														
6000														
7000														
8000														

UPPER WIND OBSERVATIONS on 29th

STATION	SÎDI BARÂNI DIR.	VEL.	MATRÛH DIR.	VEL.	FOUAD AIRPORT DIR.	VEL.	PORT SA'ÎD DIR.	VEL.	EL 'ARÎSH DIR.	VEL.	HELWÂN DIR.	VEL.	MINYA DIR.	VEL.	ASYÛT MANQABÂD DIR.	VEL.	LUXOR DIR.	VEL.	ASWÂN DIR.	VEL.	HURGHADA DIR.	VEL.	Farouk A.P. DIR.	VEL.
TIME					8		2		9				8								8		9	
300					100	4	50	7	40	2			360	16							350	26	20	10
600					110	5	30	10	40	8			350	11							330	20	30	16
1000					160	7	20	11	10	15			310	9							320	20	40	23
1500					140	9	360	17					320	8							300	4	60	32
2000					120	10	20	25													260	8	40	25
3000					140	7	40	15													230	13	70	27
4000					10	21	110	5													250	11		
5000																					260	7		
6000																								
7000																								
8000																								

STATION	SÎWA DIR.	VEL.	BAHARÎYA DIR.	VEL.	DAKHLA DIR.	VEL.	KHARGA DIR.	VEL.	WÂDI HALFA DIR.	VEL.	ABÛ HAMAD DIR.	VEL.	KAREIMA DIR.	VEL.	KHARTÛM DIR.	VEL.	KASSALA DIR.	VEL.	EL OBEID DIR.	VEL.	EL FÂSHER DIR.	VEL.	MALAKÂL DIR.	VEL.
TIME	8		8		8		8						4		4								3	
300	30	16	360	15	350	8	360	9																
600	50	16	10	14	360	10	360	9					30	19	200	20							220	4
1000	40	16	10	10	340	16	360	11					30	14	200	17							180	13
1500	350	12	10	12			360	15							320	20							170	19
2000	10	28											30	7	300	12								
3000	360	28											80	5									150	15
4000	10	24																						
5000	10	32																						
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- " Velocity " Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

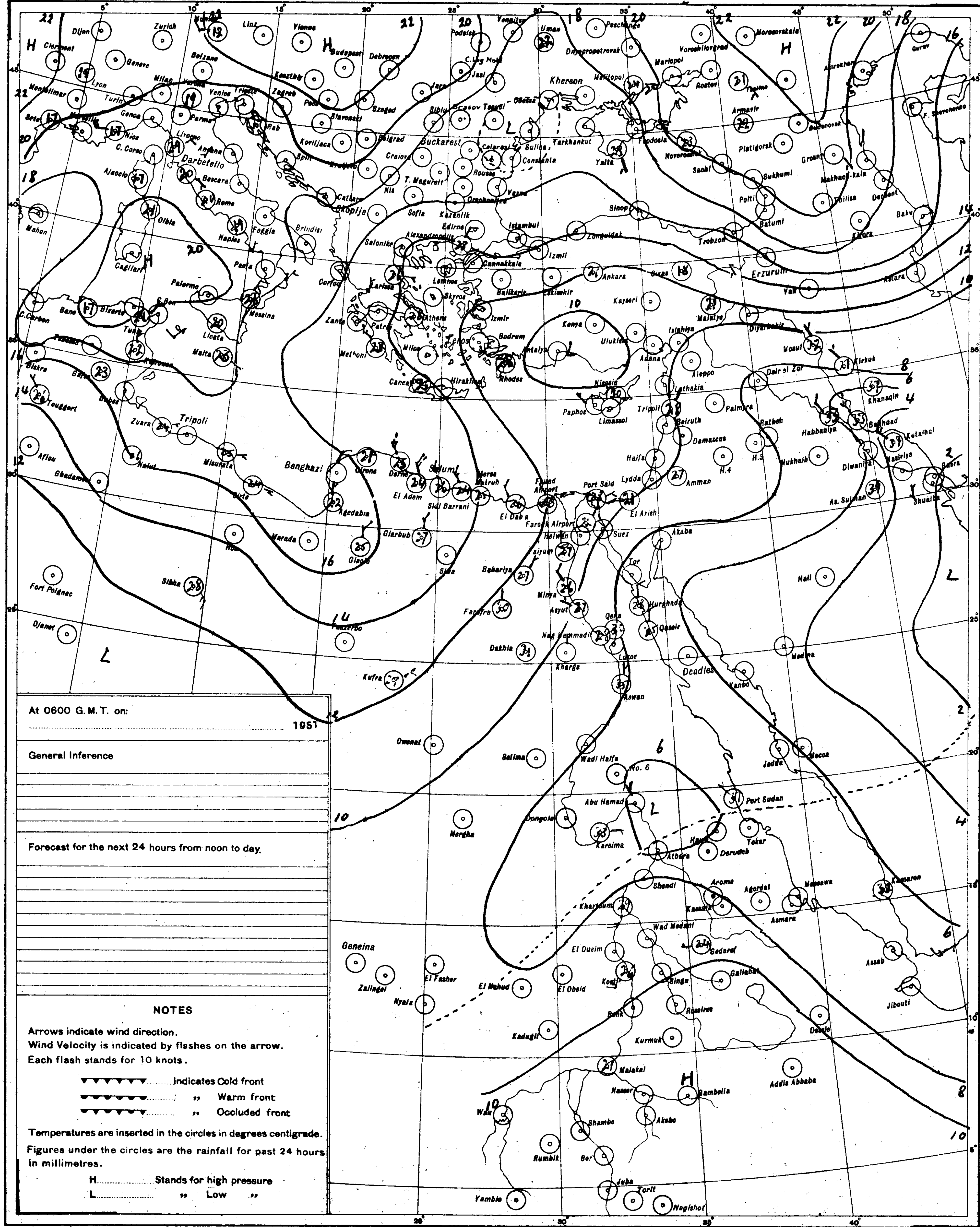
Printed by the Survey of Egypt 1949 (49/557)-(50/531)

Note: All times are G.M.T.

Annual Subscription P.T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON *Friday 29-6-1951*



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

..........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................... Stands for high pressure
L.................... ,, Low ,,

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless..........00
Clouds dissolving..........01
State of sky generally unchanged..........02
Clouds developing..........03

Visibility more than 1000 metres:
- Visibility reduced by smoke..........04
- Dry haze..........05
- Dust in the air..........06
- ,, or sand raised by wind..........07
- Dust devil..........08
- Duststorm or sandstorm within sight or at station during last hour..........09
- Mist..........10
- Shallow fog..........12

Lightning, no thunder heard..........13
Precipitation within sight..........16
Thunder, no precipitation..........17

During past hour and not at time of observation:
- Squalls..........18
- Drizzle..........20
- Rain..........21
- Showers of rain..........25
- ,, ,, hail..........27
- Fog..........28
- Thunderstorm..........29

Duststorm or Sandstorm..........31
Fog..........45
Drizzle..........50
Rain..........60
Showers of rain..........80
,, ,, hail..........87
Rain } Thunderstorm during..........91
Hail } the past hour..........93
Thunderstorm with rain..........95
,, ,, hail..........96
,, ,, Sandstorm..........98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds..........0
Some clouds..........1
Mainly overcast..........2
Sandstorm or Duststorm..........3
Fog or thick dusthaze (*vis less than 1000 m.*)..........4
Drizzle..........5
Rain..........6
Snow or rain and snow..........7
Showers of rain..........8
Thunderstorm with or without rain..........9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless..........0
1/8 of sky coverd or trace of cloud..........1
2/8 th ,, ,, ,,..........2
3/8 ,, ,, ,, ,,..........3
4/8 ,, ,, ,, ,,..........4
5/8 ,, ,, ,, ,,..........5
6/8 ,, ,, ,, ,,..........6
7/8 ,, ,, ,, ,,..........7
Sky completely covered..........8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness } 9

S of E 1949(49/557) (50/531)

SCALE 1:15,000,000

CAIRO

Time of Sunrise 02 56 G.M.T.

" " Sunset 17 00 G.M.T.

MINISTRY OF WAR AND MARINE, — METEOROLOGICAL DEPARTMENT, — FORECASTING SECTION, — EGYPT

Form 7F.

DAILY WEATHER REPORT

Date: Saturday 30th June, 1951

At 1200 on Friday 29th

Area	Index Number	Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.
Mediterranean	62300	SALUM	360	13	25	00	0	0	—	12.8	28	58	19
	303	SIDI BARANI	320	18	15	02	2	6	Cu	13.3	27	66	20
	306	MATRUH	340	8	15	00	0	0	—	12.5	28	70	22
	309	EL DABA											
		ALEXANDRIA	330	19	50	01	2	2	Ac	11.2	27	79	23
	318	FOUAD (Airport)	330	10	18	02	0	0		11.0	28	70	22
	330	DAMIETTA	340	5	35	02	0	0	—	11.2	31	43	17
	333	PORT SA'ID	20	10	30	02	0	0	—	10.5	30	49	18
	336	EL 'ARISH	300	5	35	02	0	0	—	10.7	29	66	22
Lower Egypt	339	DAMANHUR	360	5				0	—	11.0	31	62	23
	342	MANSURA	360	3	35	00	0	0	—	9.4	33	38	17
	348	TANTA	00	0	35	02	0	0	—	9.7	36	29	15
	354	ZAGAZIG	00	0	50	02	0	0	—	9.8	36	33	17
	440	ISMA'ILIA	40	2	35	02	0	0	—	9.5	36	17	7
Cairo Area	366	FAROUK (Airport)	20	14	30	00	0	0	—	10.7	36	17	7
	372	ALMAZA	20	15	15	00	0	0	—	9.7	36	17	7
		EZBEKIYA	360	6	18	00	0	0	—	9.5	36	19	9
		GIZA	360	6	18	00	0	0	—	9.9	36	29	15
	378	HELWAN	20	5	35	02	0	0	—	8.7	37	11	2
Upper Egypt	381	FAIYUM	360	6	35	02	0	0	—	9.6	37	14	6
	387	MINYA	330		12	00	0	0	—	8.4	37	25	14
	393	ASYUT MANQABAD			35	00	0	0	—	7.5	36	27	14
	399	NAG' HAMMADI	00	0	35	00	0	0	—	7.9	36	29	15
	402	QENA	360	1	50	00	0	0	—	6.3	41	20	14
	405	LUXOR	320	8	35	01	0	0	—		42	6	-2
	414	ASWAN	340	4	50	03	2	6	Ci	4.7	42	9	3
Oases	417	SIWA	340	10	44	00	0	0	—	12.6	36	20	10
	420	BAHARIYA	360	2	35	02	0	0	—	9.8	38	25	15
	423	FARAFRA	360	1	35	02	0	0	—	10.2	37	11	2
	432	DAKHLA	40	11	50	00	0	0		8.3	38	18	10
	435	KHARGA											
Red Sea	450	SUEZ	360	7	50	02	0	0	—	7.6	37	14	6
	459	TOR	320	13	50	02	0	0	—	7.1	33	34	15
	462	HURGHADA	20	8	30	02	1	4	Cs	5.2	30	66	23
	465	QUSEIR	20	9	15	01	1	2	Ci	6.8	31	59	22
	641	PORT SUDAN											
North Sudan	600	WADI HALFA											
	640	ABU HAMAD											
	660	KAREIMA											
	680	'ATBARA	250	8	10	02	6	8	Ac, Cs	2.8	42	13	8
	721	KHARTUM	270	5	30	02	2	7	Cu, Cs	4.7	39	20	12
	730	KASSALA											
Central Sudan	751	WAD MEDANI											
	801	RENK											
	802	ROSEIRES											
	771	EL OBEID	230	11	30	02	8	7	Cu, Ac	5.6	35	32	16
	760	EL FASHER	150	8	30	03	1	6	Cu, Ac, Ci		36	27	14
	770	GENEINA							Cu		38	17	9
S. Sudan	840	MALAKAL											
	880	WAU	160	3	30	03	1	3	Cu, Cs	7.3	32	52	21
	941	JUBA			30	01	2		Cu, Ac, Ci	7.3	31	55	21

At 1800 on Friday 29th

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Temperature °C.	Humidity %	Dew Point °C.	Rain Past 12 hrs mms.
SALUM	340	8	15	00	0	0	—	13.3	24	74	19	0
SIDI BARANI												
MATRUH	340	6	14	00	0	0		12.4	24	94	23	0
EL DABA												
ALEXANDRIA	360	5	35	00	0	0	—	11.2	25	84	22	0
FOUAD (Airport)	360	7	13	02	0	0	—	11.6	25	84	22	0
DAMIETTA	340	5	7	02	0	0	—	11.4	26	84	23	0
PORT SA'ID	30	12	18	02	0	0	—	9.9	27	66	20	0
EL 'ARISH	300	9	15	00	0	0	—	9.7	28	66	19	0
DAMANHUR	40	5	15	02	0	0	—	12.2	26	70	20	0
MANSURA	360	5	35	00	0	0	—	11.8	41.5	27		
TANTA	00	0	35	02	0	0	—	11.0	26	70	20	0
ZAGAZIG	320	3	35	02	0	0	—	11.1	29	52	18	0
ISMA'ILIA	20	2	35	02	0	0	—	9.9	29	35	12	0
FAROUK (Airport)	20	16	12	00	0	0	—	10.6	31	43	17	0
ALMAZA	40	11	12	02	0	0	—	9.6	32	34	14	0
EZBEKIYA	360	12	12	00	0	0	—	10.0	30	38	14	0
GIZA	360	12	12	00	0	0	—	10.3	32	34	14	0
HELWAN	360	3	7	02	0	0	—	9.5	33	38	17	0
FAIYUM	360	7	35	02	0	0	—	8.6	32	28	11	0
MINYA	330	7	8	00	0	0	—	7.6	29	35	12	0
ASYUT MANQABAD												
NAG' HAMMADI	00	0	15	00	0	0	—	6.8	28	52	17	0
QENA	290	1	7	00	0	0	—	6.8	38	25	15	0
LUXOR												
ASWAN	360	3	50	01	1	2	Ci	5.9	40	10	2	0
SIWA	20	12	10	00	0	0		11.2	34	18	6	0
BAHARIYA	360	1	15	02	0	0	—	10.3	31	38	15	0
FARAFRA	320	1	15	02	0	0		10.0	30	18	3	0
DAKHLA	340	11	50	00	0	0	—	10.2	33	8	-5	0
KHARGA	00	0	15	00	0	0	—	9.9	33	16	4	0
SUEZ	00	0	15	02	0	0	—	9.4	29	36	12	0
TOR	310	5				0	—	7.2	31	36	14	0
HURGHADA	330	13	12	02	1	3	Cs	5.9	31	46	18	0
QUSEIR	360	5	15	01	1	0	—	6.3	30	40	15	0
PORT SUDAN	340	1	30	02	1	1	Cu	5.2	37	43	18	0
WADI HALFA	310	8	20	02	1	6	Cs	5.6	36	25	12	0
ABU HAMAD	10	4	30	01	1	3	Ac		39	5	-7	0
KAREIMA												
'ATBARA	200	3	30	01	2	8	Ac, Cs	3.3	39	16	9	0
KHARTUM	00	4	30	02	2	7	Cs	4.5	37	24	13	0
KASSALA												
WAD MEDANI												
RENK												
ROSEIRES												
EL OBEID												
EL FASHER	120	4	30	13	0	2	Cu, Ac		33	36	16	0
GENEINA	200	4	30	03	8	8	Ac					do.
MALAKAL												
WAU												
JUBA												

At 0600 on Saturday 30th June,

Station	Wind Direction	Wind Velocity in Knots	Visibility in Kilometres	Present Weather	Past Weather	Cloud Amount 0-8	Cloud Form	Bar. Pressure M.S.L. mbs.	Bar. Pressure Diff. from normal mbs.	Temperatures °C. Dry Bulb	Maximum Yesterday	Maximum Diff. from normal	Minimum Today	Minimum Diff. from normal	Humidity %	Dew Point °C.	Rainfall mms. Past 24 hrs.	Total From Oct. 1st.	Normal From Oct. 1st.
SALUM	340	9	15	00	0	0	—	13.5	+2.2	27	28	-3	21	+1	55	17	0	91	
SIDI BARANI																			
MATRUH	310	10	18	03	0	2	Sc	13.5	+1.9	25	28		20		84	22	0	51	
EL DABA																			
ALEXANDRIA	360	15	50	00	0	0	—	12.2	+1.3	25	28	-1	23	+1	84	22	0	63	186
FOUAD (Airport)	320	10	18	02	0	0		11.6		26	29		23		79	22	0	63	138
DAMIETTA	340	2	15	00	0	0	—	12.8	+2.9	26	33	+3	22	+1	84	23	0	Rain	106
PORT SA'ID	10	8	18	02	0	0	—	10.9	+1.3	26	32		24		84	23	0	18	
EL 'ARISH	240	6	30	01	1	1	Cu			28	30	+1	19	0	58	19	0	Rain	94
DAMANHUR	40	5	15	02	0	0	—	12.4	+2.3	28	33	+1	20	+1	62	20	0	35	101
MANSURA	360	5	35	00	0	0		11.8	+1.5	27			20	0	79	23	0	31	55
TANTA	00	0	35	02	0	0	—	11.1	+0.7	26			19	0	79	22	0	23	44
ZAGAZIG	320	1	15	03	1	3	Ac	11.2	+0.8	25	38	+3	20	+1	84	22	0	Rain	27
ISMA'ILIA	290	2	35	01	2	7	As	11.1		24	37		20		84	21	0	17	
FAROUK (Airport)	340	6	10	02	2	6	Sc	12.4		23	36		23		89	21	0	Rain	
ALMAZA	350	2	6	02	2	8	St	11.9	+1.4	22	36		21		89	20	0	12	
EZBEKIYA	00	0	12	02	1	4	Cu	11.8	+1.3	25	36	0	21	0	79	21	0	11	26
GIZA	00	0	12	02	1	4	Cu	11.6	+1.0	25	37	+2	20	+1	74	20	0	11	27
HELWAN	20	8	7	00	0	0	—	11.4	+1.1	24	38	+3	21	0	74	19	0	12	29
FAIYUM	360	6	35	02	0	0	—	12.4	+2.3	26	38	+2	21	+1	70	20	0	8	8
MINYA	350	11	8	00	0	0		10.6	+1.3	25	38		20		70	19	0	3	
ASYUT MANQABAD																			
NAG' HAMMADI	00	0	15	00	0	0	—	9.5	+1.5	28	36	-2	21	+1	58	19	0	0.1	
QENA	320	2	15	00	0	0	—	8.3	+0.9	31	42	+1	24	0	28	10	0	2	
LUXOR	180	2	30	00	0	0		7.2	-0.5	33			23		21	8	0	0	
ASWAN	360	7	50	00	0	0	—	7.4	-0.3	35	43	+1	26	0	19	8	0	0	
SIWA	40	4	14	00	0	0	—	13.8	+1.0	25	39	+1	21	+1	65	18	0	1	8
BAHARIYA	360	3	35	02	0	0	—	11.9	+1.0	29	38	+2	21	+1	52	18	0	dr.	7
FARAFRA	200	1	35	02	0	0	—	11.9		30	38				25	8	0	dr.	
DAKHLA	00	0	50	00	0	0		10.7	+0.7	31	39	0	24	+1	31	12	0	0	
KHARGA	360	4	15	00	0	0		9.3	+0.8	31	41	+2	26	+3	22	7	0	0	
SUEZ	360	3	50	00	0	0	—	9.4	0.0	26	38	+2	22	0	62	18	0	5	17
TOR	310	5	15	02	0	0	—	6.8	-0.2	27	36	+2	25	+1	62	19	0	4	13
HURGHADA	350	17	30	02	1	3	Ci	5.5	-2.0	29	32		22		35	12	0	8	
QUSEIR	360	9	15	00	0	3	Ci	7.2	+0.1	31			25	-1	31	12	0	dr.	4
PORT SUDAN	00	0	30	02	1	5	Ci	5.9		27	39		25		35	19	0	153	97
WADI HALFA	350	8	50	02	0	1	Cs	8.2		31	43		26		29	11	0	dr.	
ABU HAMAD	360	9	30	01	0	1	Ci			36	45		30		12	2	0		
KAREIMA	90	4	30	02	1	2	Ac	6.3		35	44		27		23	11	0	dr.	2
'ATBARA											43								8
KHARTUM	200	15	30	02	1	2	Ci	7.8		31	41		27		43	17	0	13	16
KASSALA	180	7	30	02	1	0	—	8.1		30	40		25		43	16	0	16	53
WAD MEDANI																			58
RENK																			168
ROSEIRES																			239
EL OBEID																			72
EL FASHER											38								34
GENEINA											37								79
MALAKAL	50	4	30	03	1	7	Ac	10.4		26	35		22		62	18	0	200	328
WAU	240	1	30	03	0	1	Ac	10.5		26	33		23		79	22	0	372	535
JUBA	00	4	30	01	1	2	Cs, Ci	10.7		27	33		22		70	21	0	452	605

HUMIDITY %

Mean of day

Station	on 29th	Diff. from normal
Alexandria	76	+2
Ezbeklya	54	-3
Giza	55	-1
Helwan	47	+3

GIZA GRASS MINIMUM TEMP. ON 30th 16.8 °C.

Remarks

UPPER AIR OBSERVATIONS

Aeroplane Ascent — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Dry °C.	Wet °C.
1000			
950			
900			
850			
800			
700			
600			
500			
400			

Remarks

RAWINSONDE — FAROUK AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

RAWINSONDE — ..... AIRPORT — On ..... At .....

Pressure mbs.	Height above M.S.L. metres	Temp. °C.	Humid. %	Wind Dir.	Wind Vel.
1000					
950					
900					
850					
800					
700					
600					
500					
400					
300					

UPPER WIND OBSERVATIONS on 29th

Height m.	Matruh Dir.	Matruh Vel.	Fouad AP Dir.	Fouad AP Vel.	P.Said Dir.	P.Said Vel.	El Arish Dir.	El Arish Vel.	Minya Dir.	Minya Vel.	Asyut Dir.	Asyut Vel.	Siwa Dir.	Siwa Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.	Dir.	Vel.	P.Said Dir.	P.Said Vel.
Time	14		14		14		15		14		14		14		14		14		14						20	
300	350	9	100	19	340	11	320	5	350	18	310	12	360	11	20	32	20	13	340	12					330	12
600	350	5	120	10	360	8	350	14	340	24	330	9	360	10	350	33	20	16	340	13					340	9
1000	330	4	120	16	340	9	10	10	350	15	340	5	350	10	340	22	10	19	350	16					350	9
1500	310	3	120	16	360	12	10	8	360	12	20	7	360	19					300	14					360	10
2000	300	6	120	12	350	22	270	14			350	3	10	24					280	15						
3000	350	11	130	6							310	3	350	27					290	20						
4000			100	7									10	35												
5000																										
6000																										
7000																										
8000																										

UPPER WIND OBSERVATIONS on 30th

Station	Sidi Barani Dir.	Sidi Barani Vel.	Matruh Dir.	Matruh Vel.	Fouad Airport Dir.	Fouad Airport Vel.	Port Said Dir.	Port Said Vel.	El 'Arish Dir.	El 'Arish Vel.	Helwan Dir.	Helwan Vel.	Minya Dir.	Minya Vel.	Asyut Manqabad Dir.	Asyut Manqabad Vel.	Luxor Dir.	Luxor Vel.	Aswan Dir.	Aswan Vel.	Hurghada Dir.	Hurghada Vel.	Dir.	Vel.
Time	8						2		8				2		8				8		8			
300	310	26					300	10	300	6			360	28	320	9			360	13	320	40		
600	320	14					300	9	350	9			20	26	350	16			360	19	300	25		
1000							320	8	360	12			10	25	340	20			350	31	310	20		
1500							330	9	190	13			350	14	310	16			240	8	310	15		
2000							350	7							290	4			260	21	300	13		
3000															300	5					300	4		
4000																					270	4		
5000																					260	20		
6000																					210	8		
7000																					240	3		
8000																								

Station	Siwa Dir.	Siwa Vel.	Bahariya Dir.	Bahariya Vel.	Dakhla Dir.	Dakhla Vel.	Kharga Dir.	Kharga Vel.	Wadi Halfa Dir.	Wadi Halfa Vel.	Abu Hamad Dir.	Abu Hamad Vel.	Kareima Dir.	Kareima Vel.	Khartum Dir.	Khartum Vel.	Kassala Dir.	Kassala Vel.	El Obeid Dir.	El Obeid Vel.	El Fasher Dir.	El Fasher Vel.	Malakal Dir.	Malakal Vel.
Time	8		8		8		8		3								3						3	
300	50	8	350	12	20	12	360	13	360	14														
600	40	7	350	14	10	16	10	17	20	18							200	18					50	11
1000	40	9	350	17	360	25	10	18	10	21							230	21					30	8
1500	20	10			350	30	10	16	350	25							290	13					130	3
2000	360	16																						
3000	10	25							230	21							50	15					80	16
4000																								
5000																								
6000																								
7000																								
8000																								

Remarks: 1- Wind Direction in degrees east of North.
2- ,, Velocity ,, Knots (one Knot = 1.86 Kilometres or 1.15 Miles.).
3- Present weather, Past weather, Form and amount of clouds are explained at the back of this report.
4- All times are in G.M.T., two hours less than the Egyptian standard time.

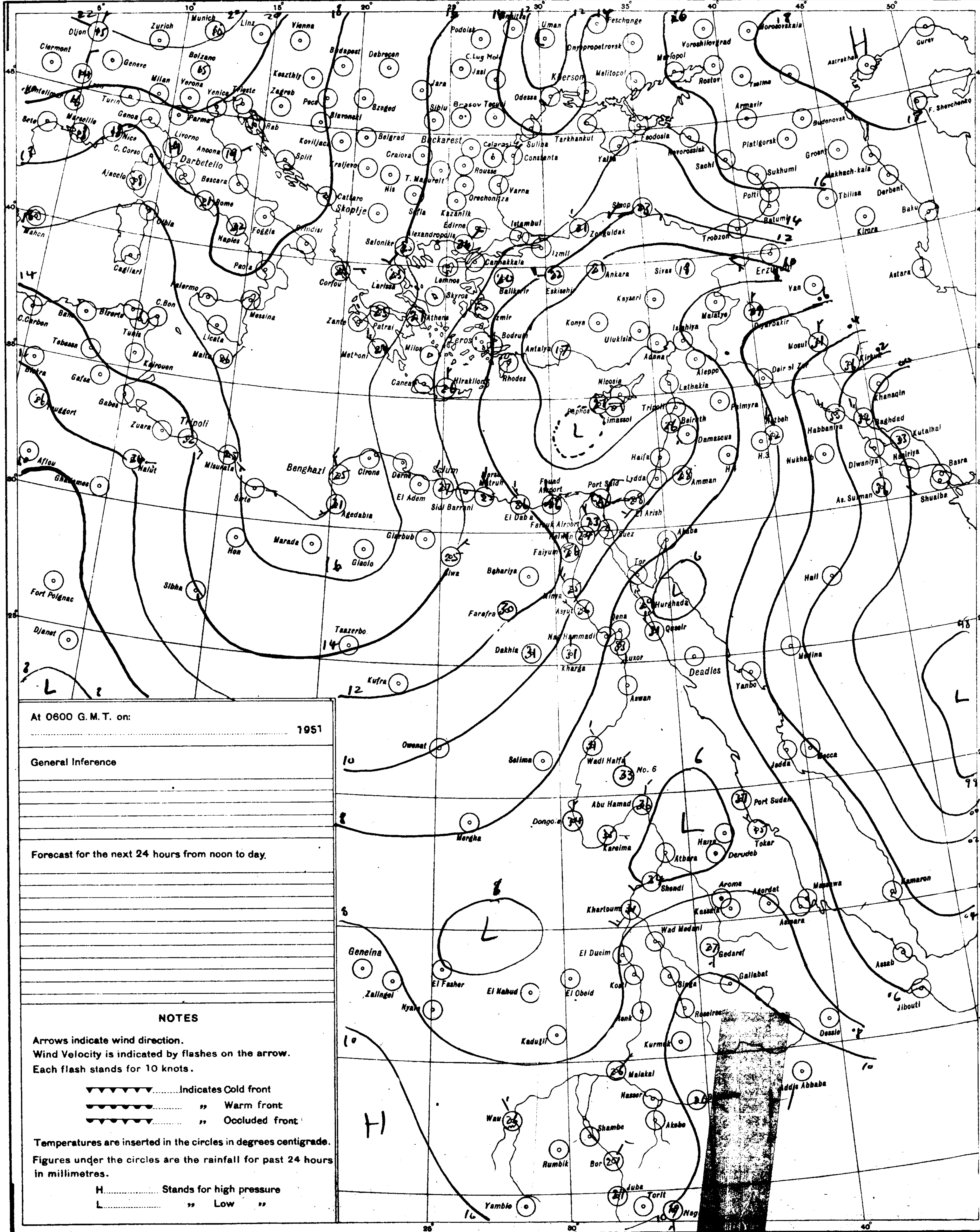
Printed by the Survey of Egypt 1949 (49/537)-(50/531)

Note: All times are G.M.T.

Annual Subscription P. T. 150

Form No. 7F.

SYNOPTIC WEATHER CHART AT 0600 G.M.T. ON Saturday 30-6 1951



At 0600 G.M.T. on:

.... 1951

General Inference

Forecast for the next 24 hours from noon to day.

NOTES

Arrows indicate wind direction.
Wind Velocity is indicated by flashes on the arrow.
Each flash stands for 10 knots.

........Indicates Cold front
.... ,, Warm front
.... ,, Occluded front

Temperatures are inserted in the circles in degrees centigrade.
Figures under the circles are the rainfall for past 24 hours in millimetres.

H.................. Stands for high pressure
L.................. ,, Low ,,

S of E 1949(43/557) (50/531)

SCALE 1:15,000,000

PRESENT WEATHER

WEATHER AT TIME OF OBSERVATION AND GENERAL WEATHER DURING PRECEDING HOUR

Cloudless		00
Clouds dissolving		01
State of sky generally unchanged		02
Clouds developing		03
Visibility more than 1000 metres	Visibility reduced by smoke	04
	Dry haze	05
	Dust in the air	06
	,, or sand raised by wind	07
	Dust devil	08
	Duststorm or sandstorm within sight or at station during last hour	09
	Mist	10
	Shallow fog	12
Lightning, no thunder heard		13
Precipitation within sight		16
Thunder, no precipitation		17
During past hour and not at time of observation	Squalls	18
	Drizzle	20
	Rain	21
	Showers of rain	25
	,, ,, hail	27
	Fog	28
	Thunderstorm	29
Duststorm or Sandstorm		31
Fog		45
Drizzle		50
Rain		60
Showers of rain		80
,, ,, hail		87
Rain	Thunderstorm during	91
Hail	the past hour	93
Thunderstorm with rain		95
,, ,, hail		96
,, ,, Sandstorm		98

PAST WEATHER

GENERAL WEATHER DURING PAST 6 HOURS

Clear or few clouds	0
Some clouds	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog or thick dusthaze *(vis less than 1000 m.)*	4
Drizzle	5
Rain	6
Snow or rain and snow	7
Showers of rain	8
Thunderstorm with or without rain	9

FORM OF CLOUD

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

AMOUNT OF CLOUD

Cloudless	0
1/8 of sky coverd or trace of cloud	1
2/8 th ,, ,, ,,	2
3/8 ,, ,, ,, ,,	3
4/8 ,, ,, ,, ,,	4
5/8 ,, ,, ,, ,,	5
6/8 ,, ,, ,, ,,	6
7/8 ,, ,, ,, ,,	7
Sky completely covered	8
,, obscured by dust, sand or fog or cloud amount cannot be estimated owing to darkness	9